

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027697.D
 Acq On : 25 Mar 2022 12:54
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 25 13:59:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 13:56:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

03/26/2022
 Supervised By : Mahesh
 Dadoda

03/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	60360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	104157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89782	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40086	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	20253	26.603	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	53.200%#
35) Dibromofluoromethane	5.391	113	14616	22.688	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	45.380%#
50) Toluene-d8	8.653	98	58814	24.112	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	48.220%#
62) 4-Bromofluorobenzene	11.085	95	21622	23.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	47.120%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	17334	28.887	ug/l	97
3) Chloromethane	1.294	50	15405	28.611	ug/l	99
4) Vinyl Chloride	1.374	62	15541	25.710	ug/l	99
5) Bromomethane	1.599	94	8613	27.344	ug/l	95
6) Chloroethane	1.685	64	9182	25.116	ug/l	92
7) Trichlorofluoromethane	1.886	101	21812	22.426	ug/l	94
8) Diethyl Ether	2.136	74	7808	21.664	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	14321	24.374	ug/l	91
10) Methyl Iodide	2.453	142	13698	18.400	ug/l	92
11) Tert butyl alcohol	2.965	59	20955	141.390	ug/l	98
12) 1,1-Dichloroethene	2.319	96	13705	24.245	ug/l	88
13) Acrolein	2.239	56	14036	126.807	ug/l	99
14) Allyl chloride	2.666	41	26656	28.688	ug/l #	90
15) Acrylonitrile	3.062	53	52548	153.833	ug/l	99
16) Acetone	2.380	43	42667	136.009	ug/l	92
17) Carbon Disulfide	2.514	76	34588	23.909	ug/l	98
18) Methyl Acetate	2.703	43	24037	30.660	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	52249	26.728	ug/l	97
20) Methylene Chloride	2.788	84	15921	23.923	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	15000	24.849	ug/l	84
22) Diisopropyl ether	3.764	45	56480	31.412	ug/l #	82
23) Vinyl Acetate	3.727	43	248257	157.878	ug/l #	90
24) 1,1-Dichloroethane	3.617	63	30708	28.320	ug/l	95
25) 2-Butanone	4.562	43	66905	139.529	ug/l	98
26) 2,2-Dichloropropane	4.477	77	22185	25.783	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	17018	24.319	ug/l	89
28) Bromochloromethane	4.904	49	13471	31.056	ug/l	83
29) Tetrahydrofuran	5.007	42	47966	160.341	ug/l #	83
30) Chloroform	5.105	83	30356	26.121	ug/l	95
31) Cyclohexane	5.471	56	24294	25.581	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	23343	22.246	ug/l	95
36) 1,1-Dichloropropene	5.696	75	21203	23.078	ug/l	98
37) Ethyl Acetate	4.715	43	27918	29.479	ug/l	95
38) Carbon Tetrachloride	5.678	117	20790	20.277	ug/l	92
39) Methylcyclohexane	7.385	83	26547	22.985	ug/l #	87
40) Benzene	6.044	78	62301	23.461	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	13969	27.008	ug/l	91
42) 1,2-Dichloroethane	6.098	62	25000	24.504	ug/l	94
43) Isopropyl Acetate	6.342	43	41025	26.623	ug/l #	92
44) Trichloroethene	7.129	130	15366	19.746	ug/l	76
45) 1,2-Dichloropropane	7.434	63	17055	25.063	ug/l	98
46) Dibromomethane	7.586	93	12185	23.665	ug/l #	84
47) Bromodichloromethane	7.824	83	23180	23.781	ug/l	93
48) Methyl methacrylate	7.696	41	21598	28.371	ug/l #	79
49) 1,4-Dioxane	7.665	88	8613	469.904	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	146316	149.124	ug/l	88
52) Toluene	8.720	92	39162	22.602	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	23284	23.540	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	26334	24.279	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	15972	22.764	ug/l	89
56) Ethyl methacrylate	9.116	69	26474	24.594	ug/l #	72
57) 1,3-Dichloropropane	9.311	76	29445	25.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	74240	143.613	ug/l	91
59) 2-Hexanone	9.433	43	113248	150.073	ug/l	82
60) Dibromochloromethane	9.525	129	15348	20.146	ug/l	97
61) 1,2-Dibromoethane	9.610	107	16217	21.060	ug/l	98
64) Tetrachloroethene	9.275	164	13862	20.374	ug/l	89
65) Chlorobenzene	10.079	112	40193	22.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	13910	20.681	ug/l	98
67) Ethyl Benzene	10.195	91	75016	23.544	ug/l	96
68) m/p-Xylenes	10.305	106	54786	44.170	ug/l	85
69) o-Xylene	10.646	106	27781	23.093	ug/l	93
70) Styrene	10.659	104	44040	22.405	ug/l #	89
71) Bromoform	10.805	173	9364	17.638	ug/l #	95
73) Isopropylbenzene	10.963	105	72591	24.559	ug/l	95
74) N-amyl acetate	10.842	43	33820	30.315	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	25040	26.298	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	24032m	27.528	ug/l	
77) Bromobenzene	11.201	156	15759	21.866	ug/l	77
78) n-propylbenzene	11.305	91	84806	25.794	ug/l	96
79) 2-Chlorotoluene	11.366	91	52597	25.576	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	61640	24.750	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	6499	22.942	ug/l #	71
82) 4-Chlorotoluene	11.457	91	63163	26.875	ug/l	90
83) tert-Butylbenzene	11.719	119	56051	23.029	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	61572	24.741	ug/l	94
85) sec-Butylbenzene	11.890	105	71700	24.087	ug/l	96
86) p-Isopropyltoluene	12.012	119	58500	23.113	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	29098	21.623	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	29092	21.334	ug/l	93
89) n-Butylbenzene	12.335	91	52482	24.419	ug/l	95
90) Hexachloroethane	12.542	117	8237	20.509	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	29110	22.090	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5653	25.685	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	16673	19.680	ug/l	97
94) Hexachlorobutadiene	13.725	225	7508	19.938	ug/l	92
95) Naphthalene	13.780	128	59949	21.526	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15421	18.063	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

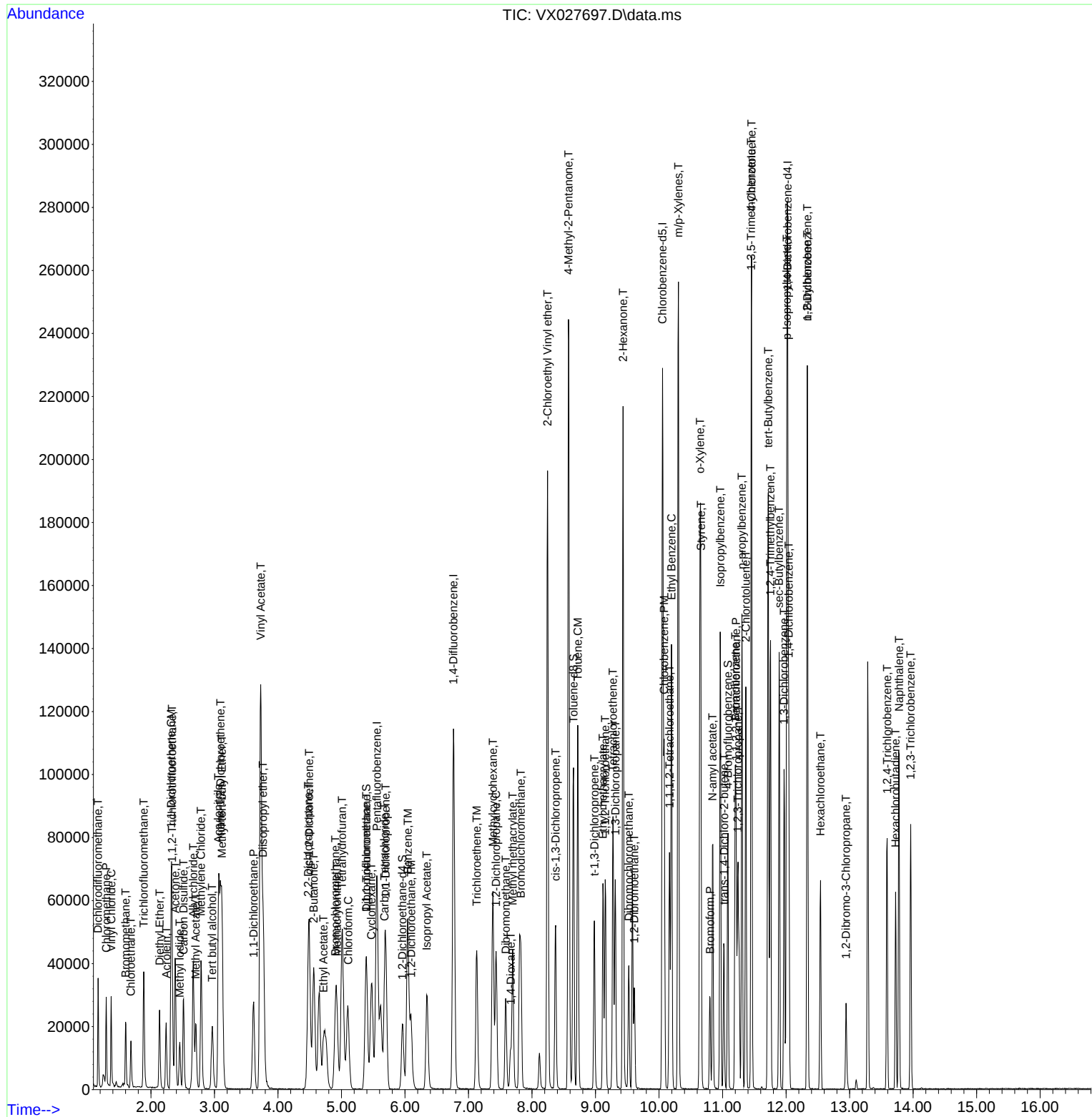
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
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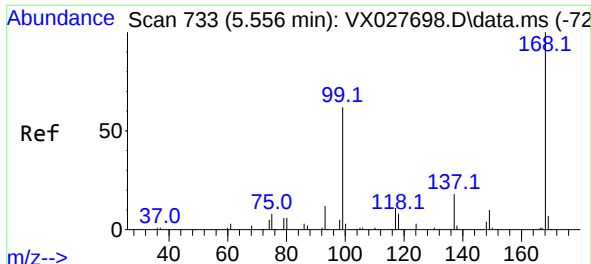
Instrument :
MSVOA_X
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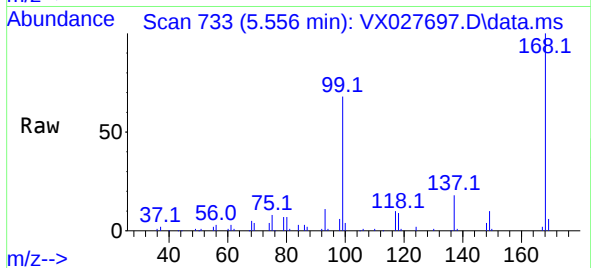
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027697.D
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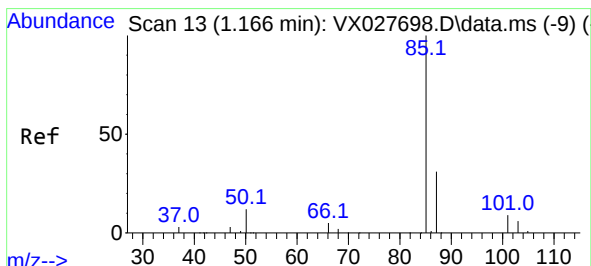
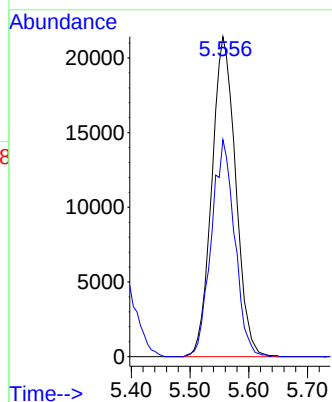
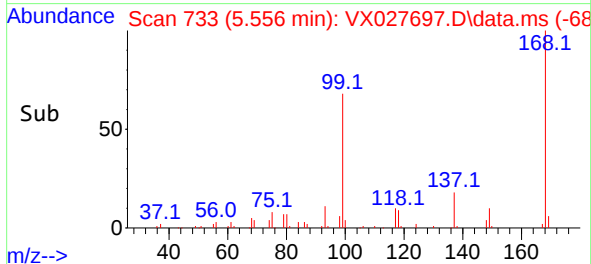
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 60360
Ion Ratio Lower Upper
168 100
99 67.8 41.7 62.5

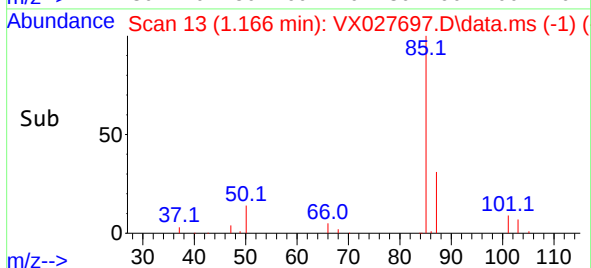
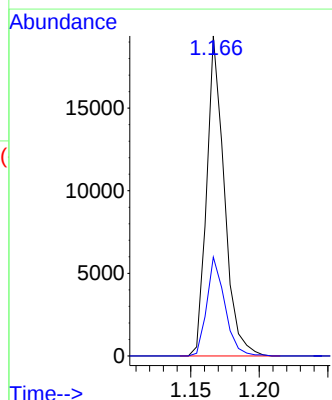
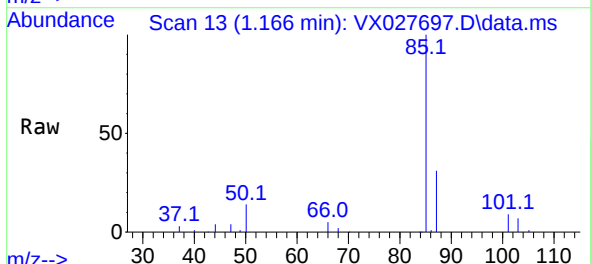
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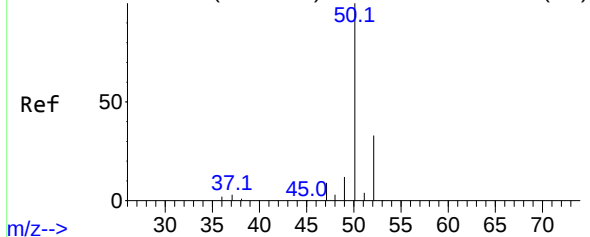


#2
Dichlorodifluoromethane
Concen: 28.887 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion: 85 Resp: 17334
Ion Ratio Lower Upper
85 100
87 30.9 16.2 48.6



Abundance Scan 34 (1.294 min): VX027698.D\data.ms (-30)



#3

Chloromethane

Concen: 28.611 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 1540

Ion Ratio Lower Upper

50 100

52 32.2 26.4 39.6

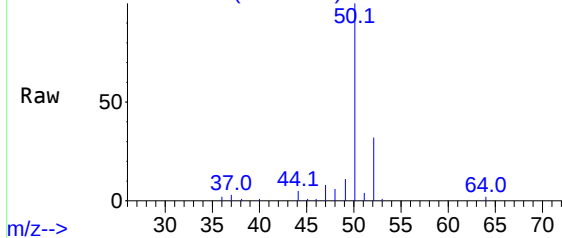
Manual Integrations

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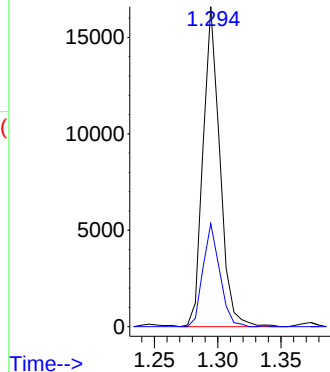
Reviewed By :John Carlone 03/26/2022

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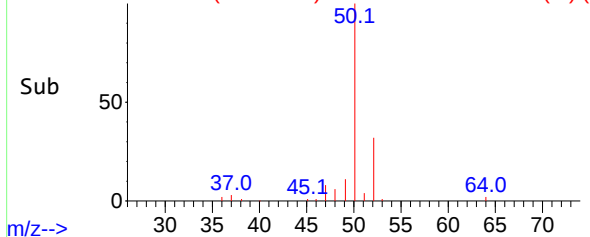
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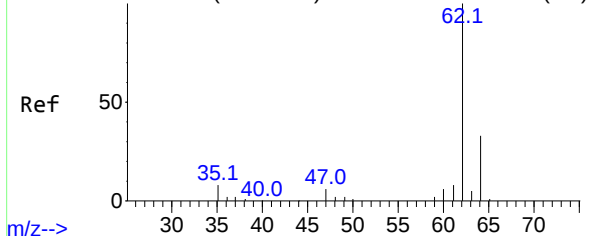
Abundance



Abundance Scan 34 (1.294 min): VX027697.D\data.ms (-1) (



Abundance Scan 47 (1.374 min): VX027698.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 25.710 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

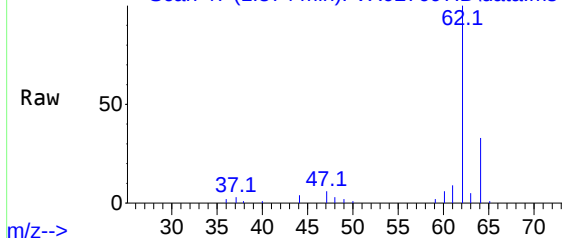
Tgt Ion: 62 Resp: 15541

Ion Ratio Lower Upper

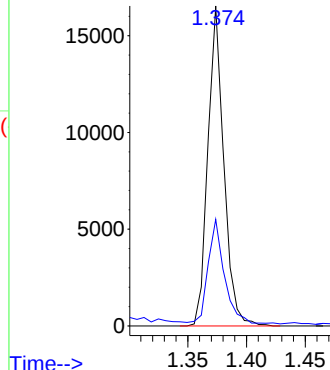
62 100

64 32.7 25.5 38.3

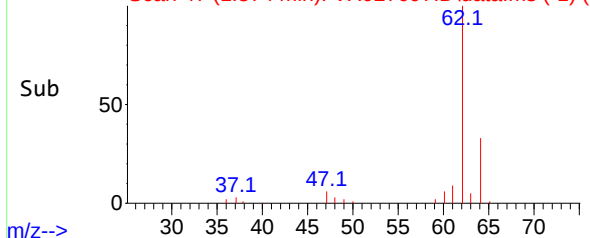
Abundance Scan 47 (1.374 min): VX027697.D\data.ms

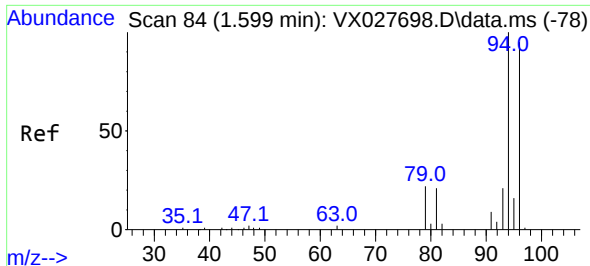


Abundance



Abundance Scan 47 (1.374 min): VX027697.D\data.ms (-1) (





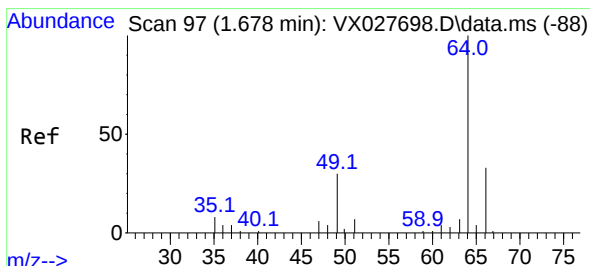
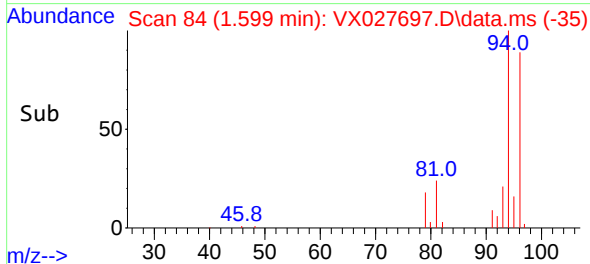
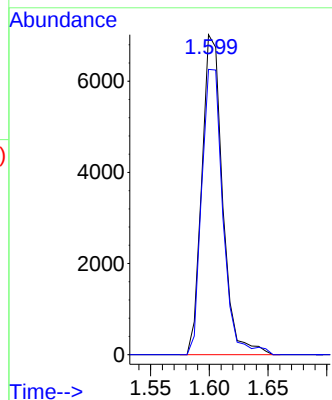
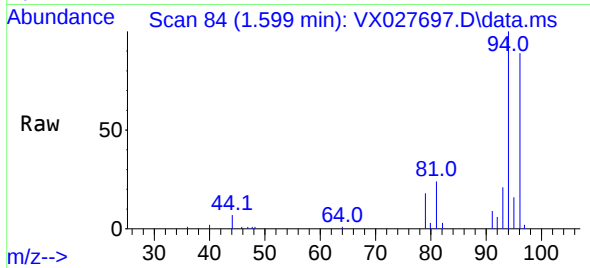
#5
Bromomethane
Concen: 27.344 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027697.D
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Instrument :
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Tgt Ion: 94 Resp: 861
Ion Ratio Lower Upper
94 100
96 89.2 75.3 112.9

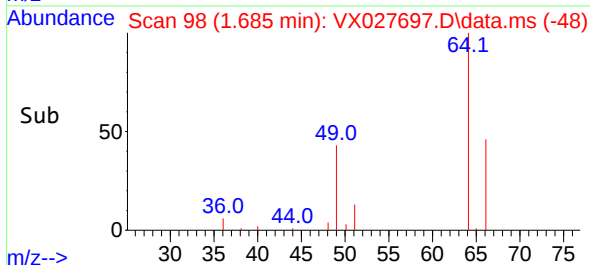
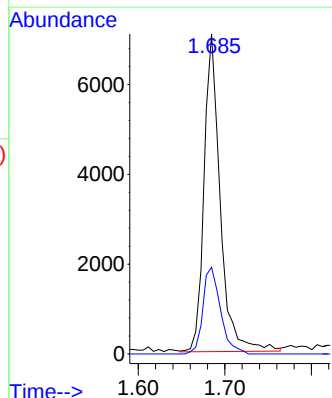
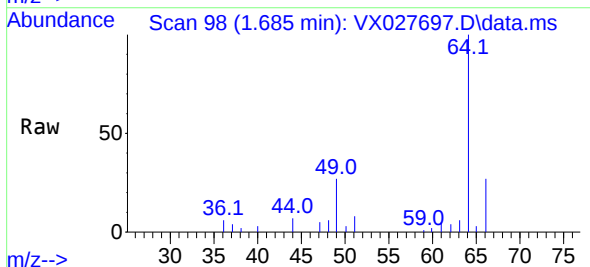
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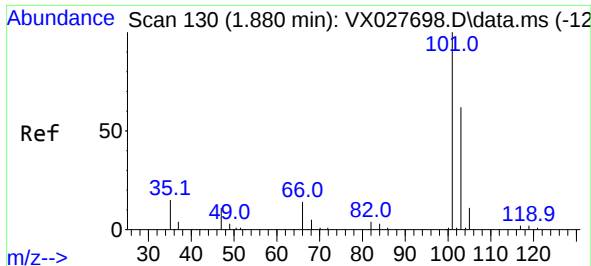
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#6
Chloroethane
Concen: 25.116 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

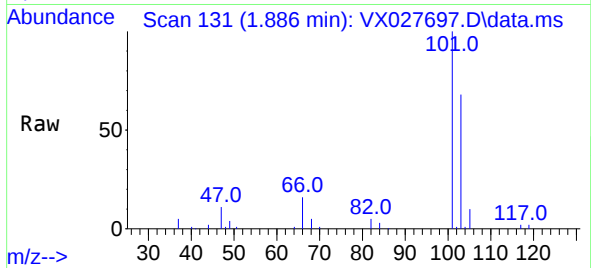
Tgt Ion: 64 Resp: 9182
Ion Ratio Lower Upper
64 100
66 27.3 25.3 37.9





#7
 Trichlorofluoromethane
 Concen: 22.426 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX027697.D
 Acq: 25 Mar 2022 12:54

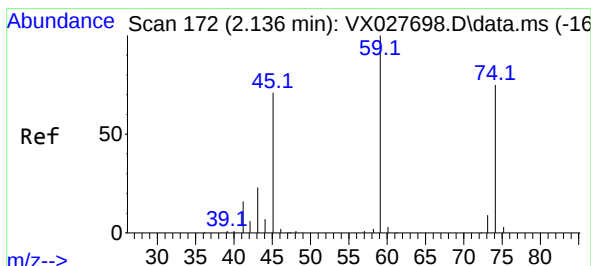
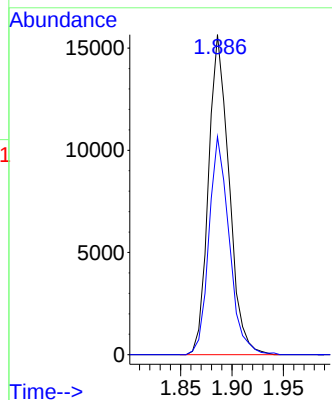
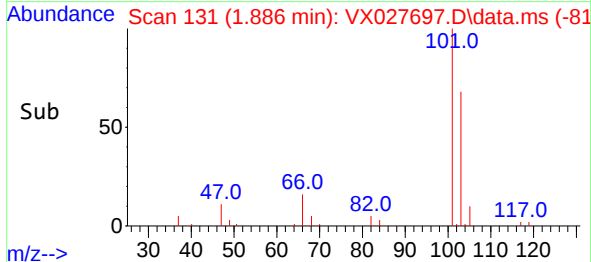
Instrument :
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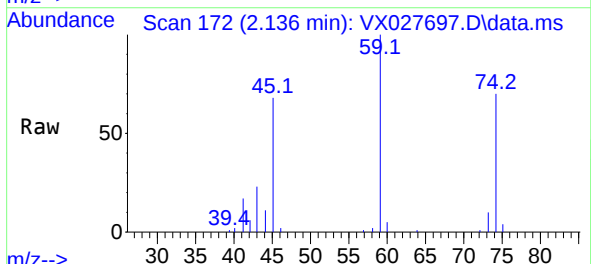
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 Ion Ratio Lower Upper
 101 100
 103 68.1 50.5 75.7

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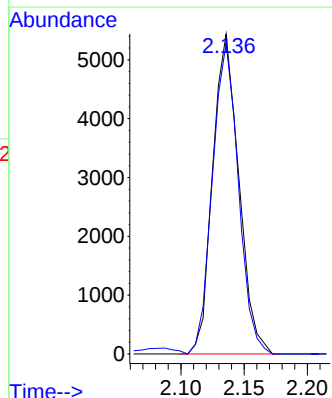
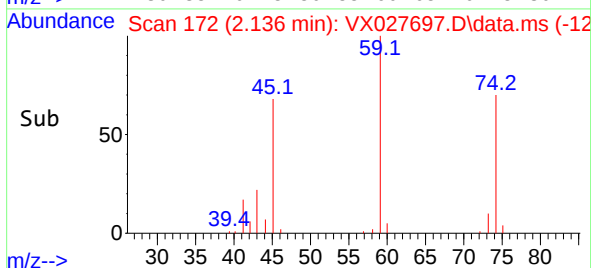
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

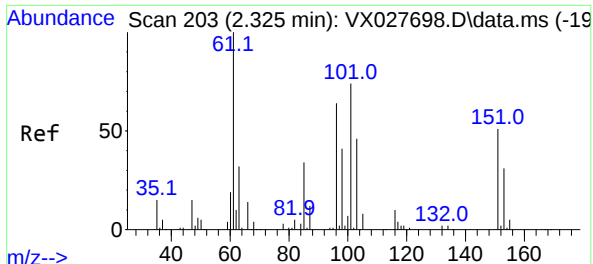


#8
 Diethyl Ether
 Concen: 21.664 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX027697.D
 Acq: 25 Mar 2022 12:54



Tgt Ion: 74 Resp: 7808
 Ion Ratio Lower Upper
 74 100
 45 96.2 42.0 126.0





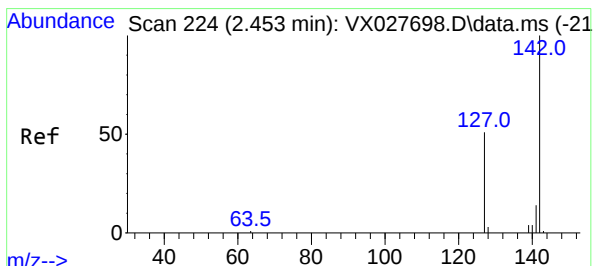
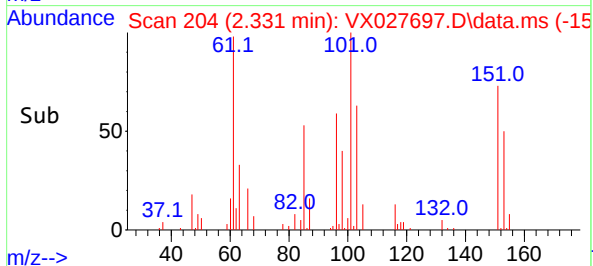
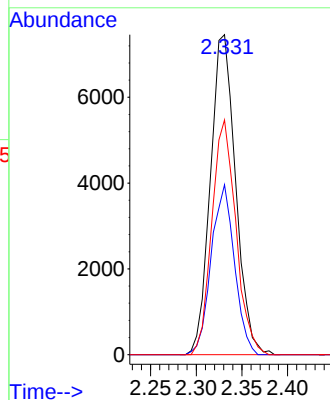
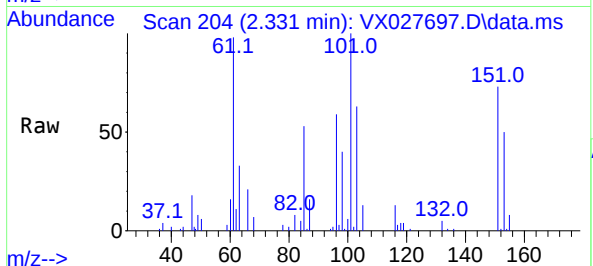
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.374 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1432
Ion Ratio Lower Upper
101 100
85 48.9 33.5 50.3
151 70.1 61.8 92.6

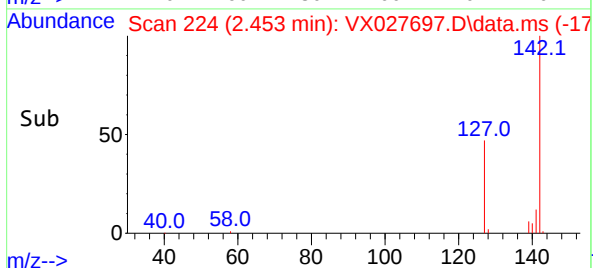
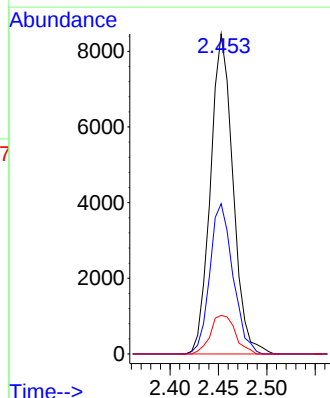
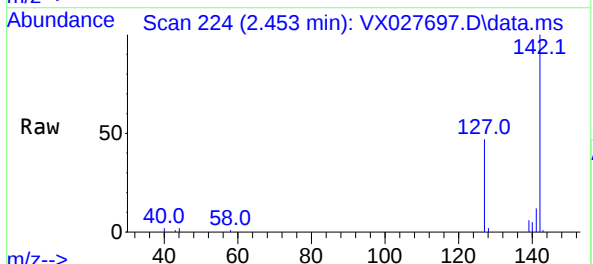
Manual Integrations
APPROVED

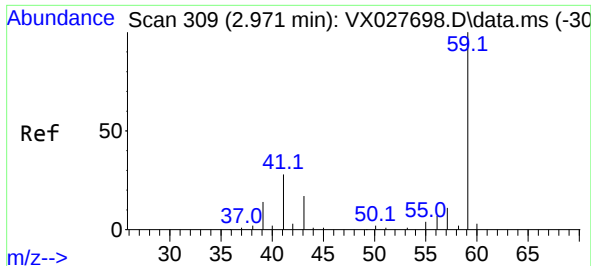
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 18.400 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion:142 Resp: 13698
Ion Ratio Lower Upper
142 100
127 48.3 33.9 50.9
141 13.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 141.390 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 2095

Ion Ratio Lower Upper

59 100

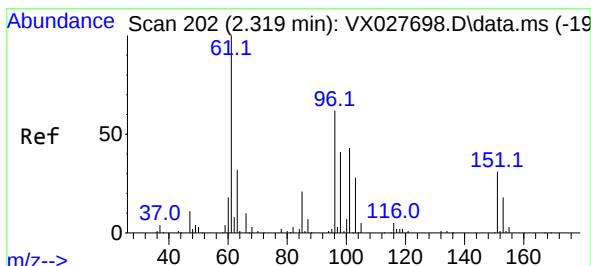
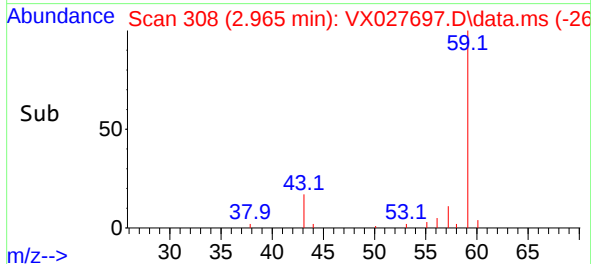
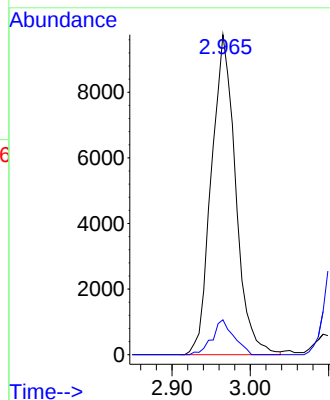
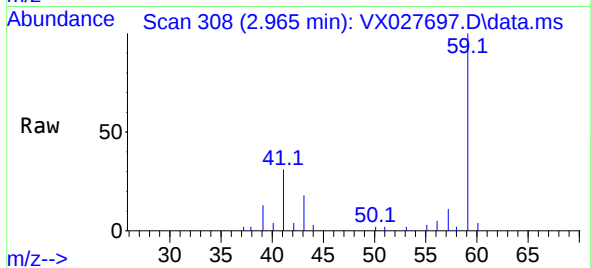
57 9.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#12

1,1-Dichloroethene

Concen: 24.245 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

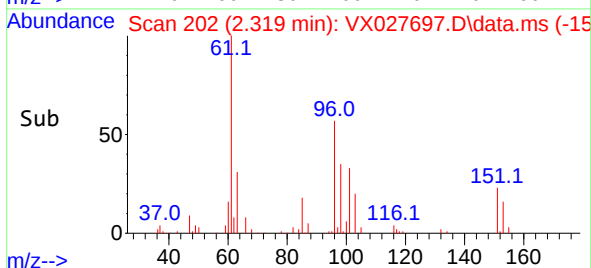
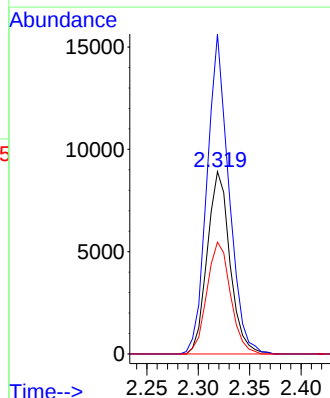
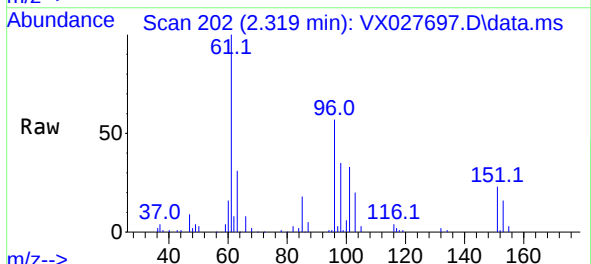
Tgt Ion: 96 Resp: 13705

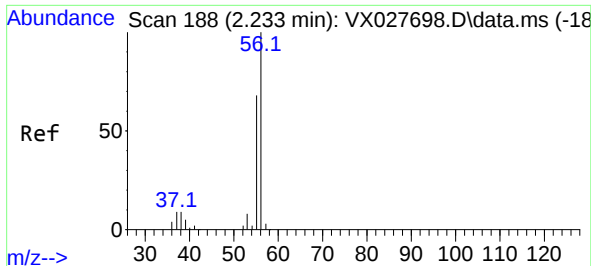
Ion Ratio Lower Upper

96 100

61 175.4 124.6 187.0

98 61.3 51.0 76.4





#13

Acrolein

Concen: 126.807 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 14036

Ion Ratio Lower Upper

56 100

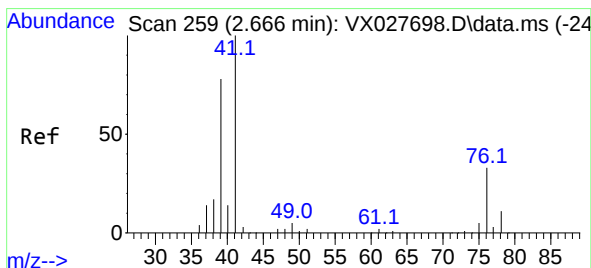
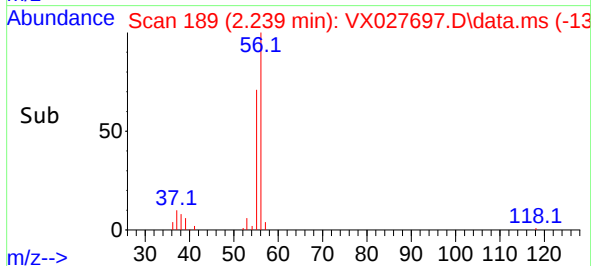
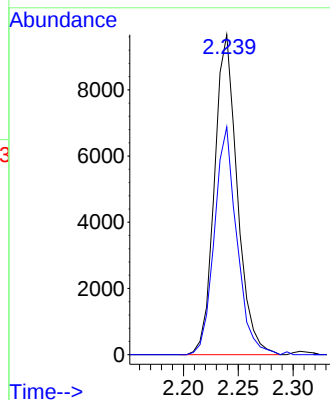
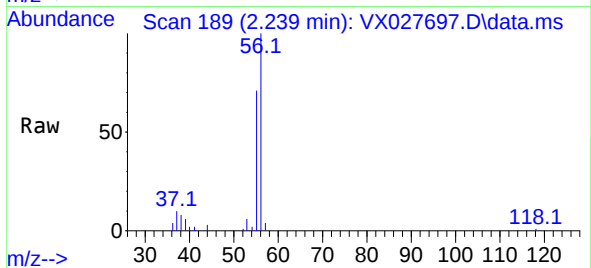
55 70.0 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#14

Allyl chloride

Concen: 28.688 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

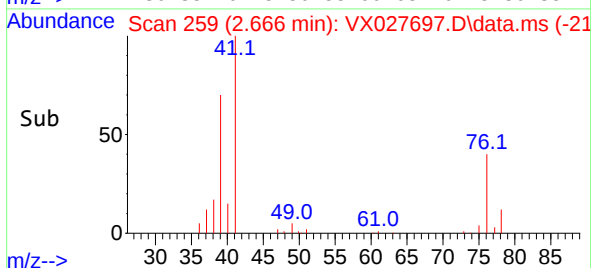
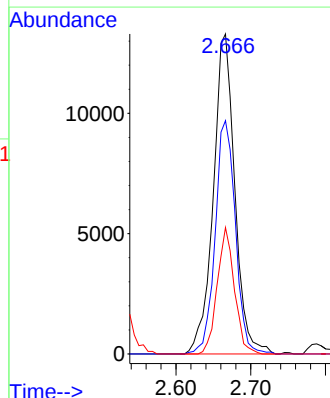
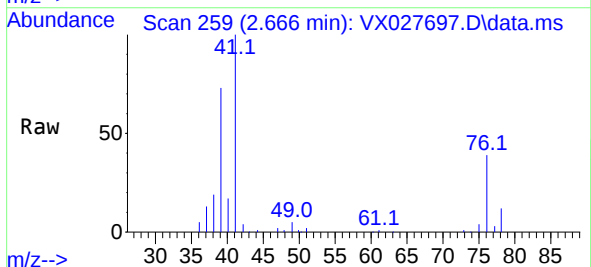
Tgt Ion: 41 Resp: 26656

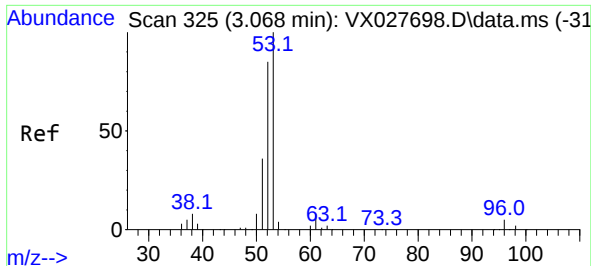
Ion Ratio Lower Upper

41 100

39 68.5 50.4 75.6

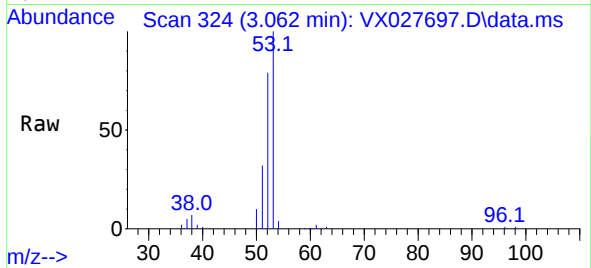
76 31.5 32.7 49.1#





#15
Acrylonitrile
Concen: 153.833 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

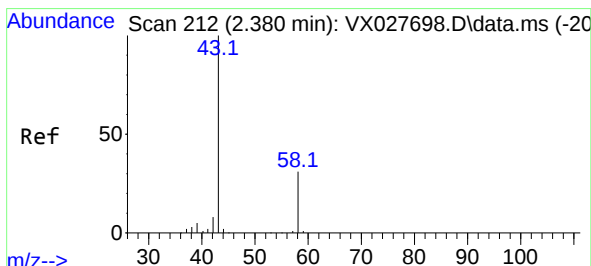
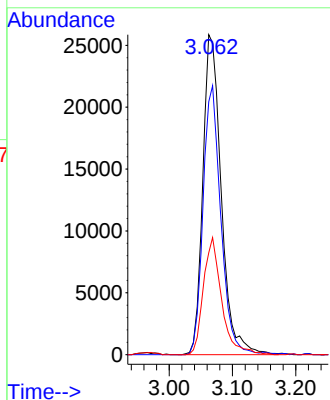
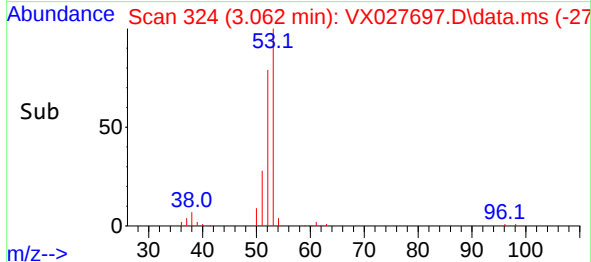
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 52548
Ion Ratio Lower Upper
53 100
52 80.8 65.7 98.5
51 36.3 28.4 42.6

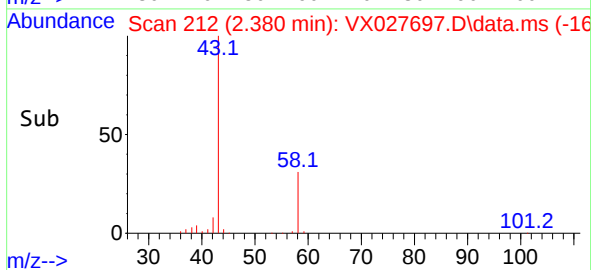
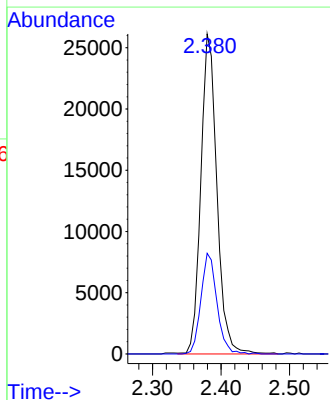
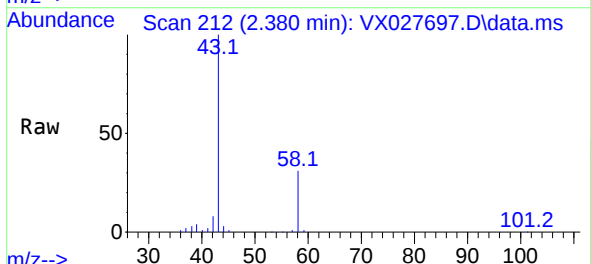
Manual Integrations
APPROVED

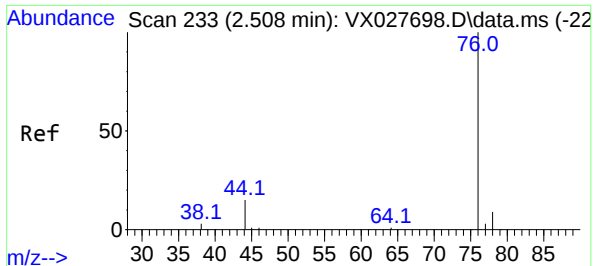
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 136.009 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion: 43 Resp: 42667
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2





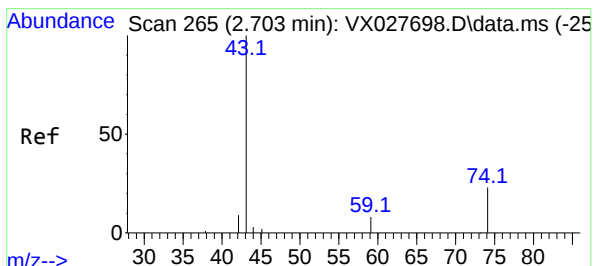
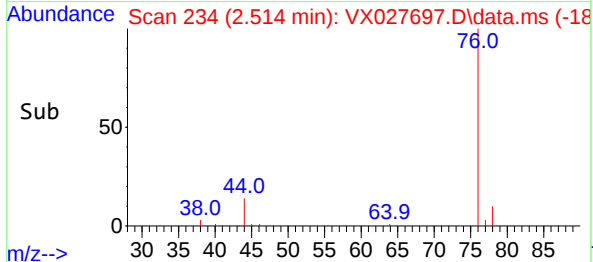
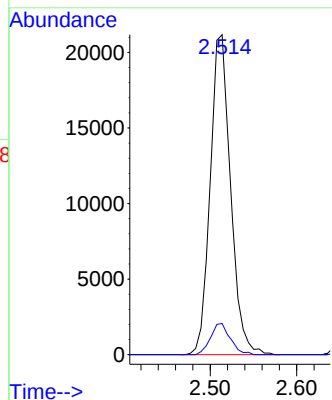
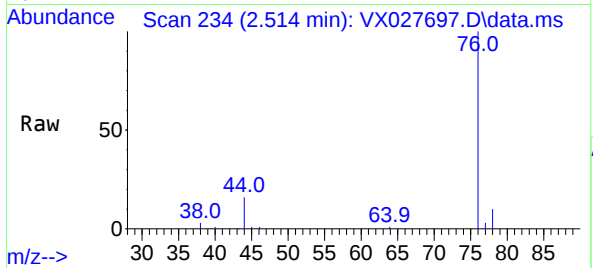
#17
Carbon Disulfide
Concen: 23.909 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 3458
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

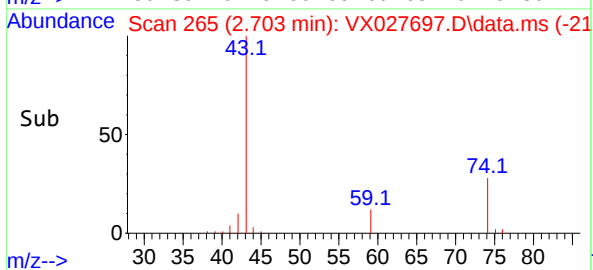
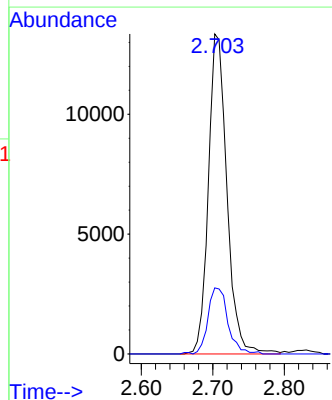
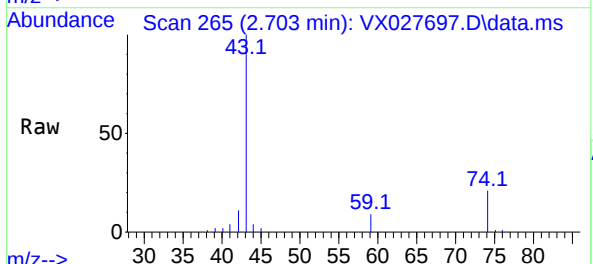
Manual Integrations
APPROVED

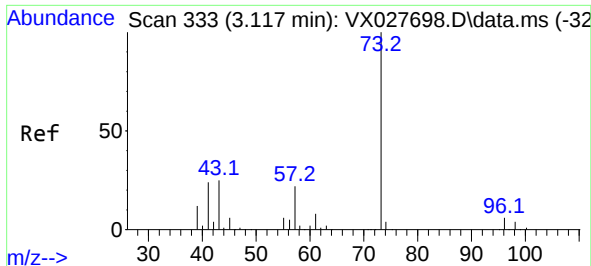
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#18
Methyl Acetate
Concen: 30.660 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion: 43 Resp: 24037
Ion Ratio Lower Upper
43 100
74 22.3 22.8 34.2#





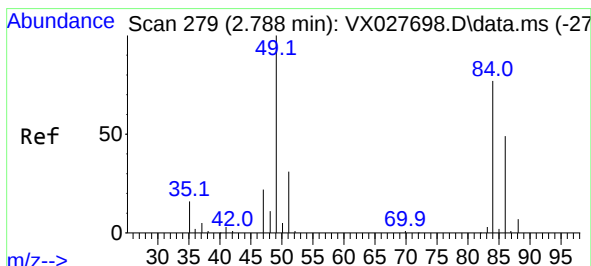
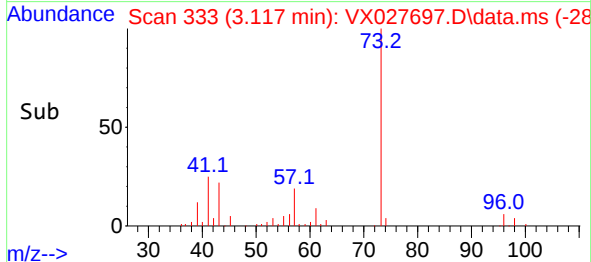
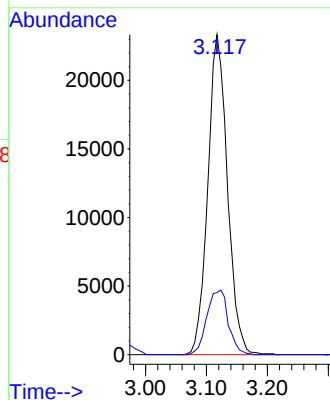
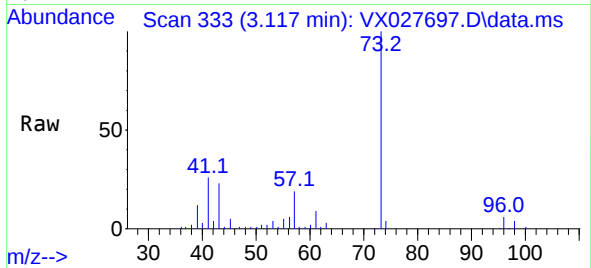
#19
Methyl tert-butyl Ether
Concen: 26.728 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 52249
Ion Ratio Lower Upper
73 100
57 19.4 16.8 25.2

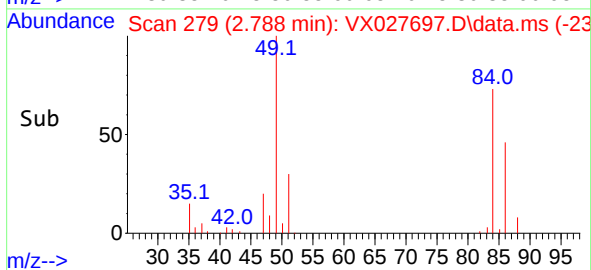
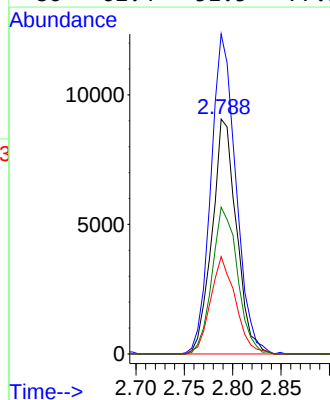
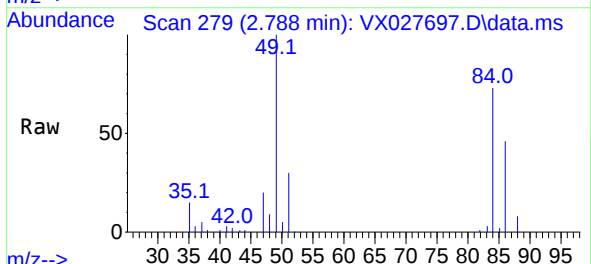
Manual Integrations
APPROVED

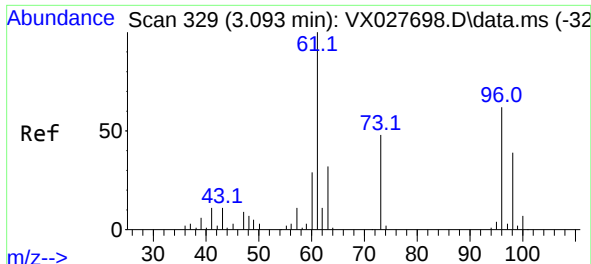
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#20
Methylene Chloride
Concen: 23.923 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

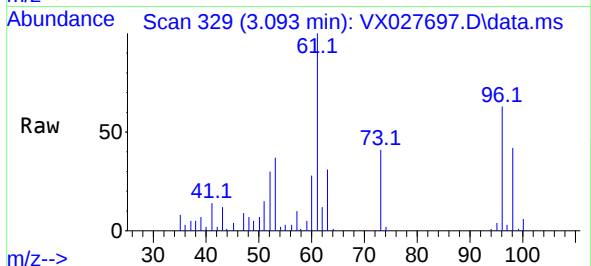
Tgt Ion: 84 Resp: 15921
Ion Ratio Lower Upper
84 100
49 136.2 85.5 128.3#
51 41.4 26.6 39.8#
86 62.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 24.849 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

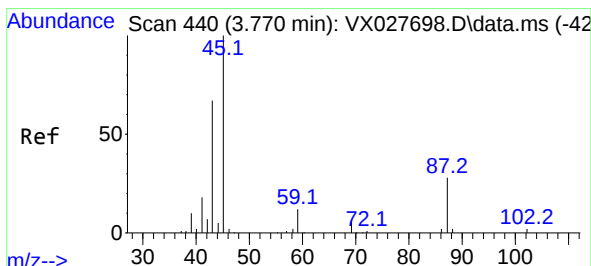
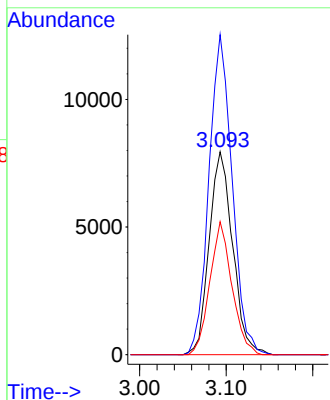
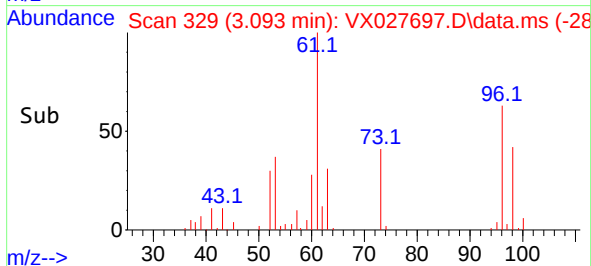
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



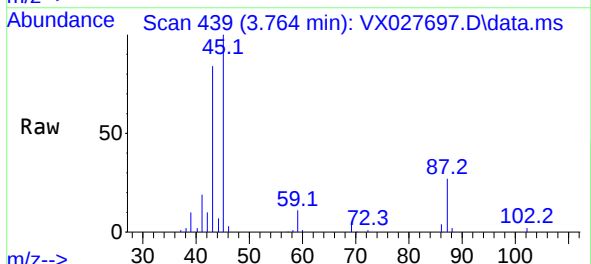
Tgt Ion: 96 Resp: 15000
Ion Ratio Lower Upper
96 100
61 157.8 105.4 158.2
98 65.5 50.0 75.0

Manual Integrations
APPROVED

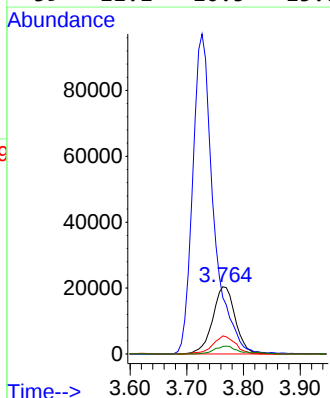
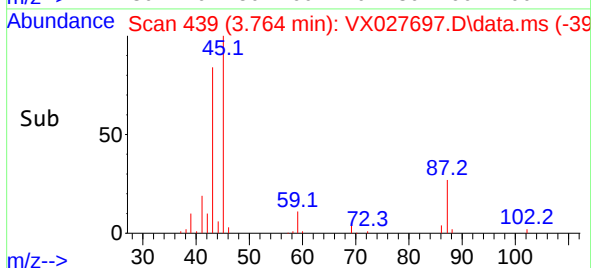
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

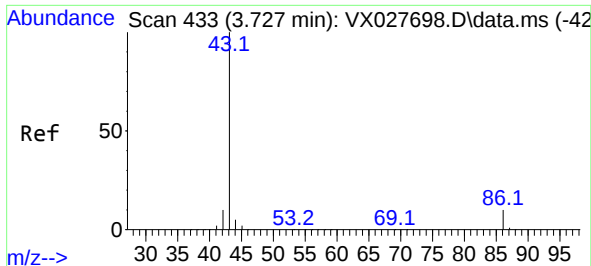


#22
Diisopropyl ether
Concen: 31.412 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



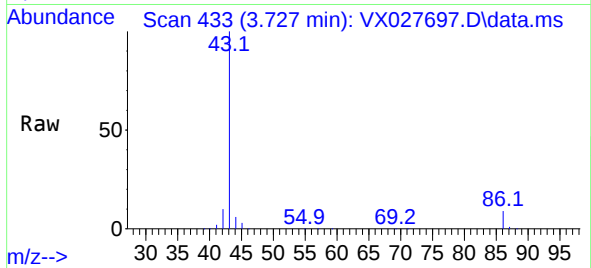
Tgt Ion: 45 Resp: 56480
Ion Ratio Lower Upper
45 100
43 82.9 50.8 76.2#
87 26.9 26.6 39.8
59 11.1 10.5 15.7





#23
 Vinyl Acetate
 Concen: 157.878 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX027697.D
 Acq: 25 Mar 2022 12:54

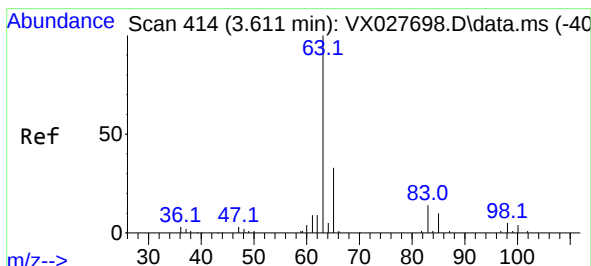
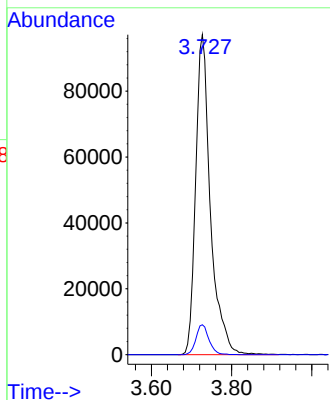
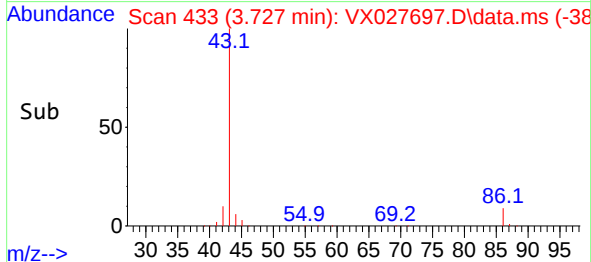
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



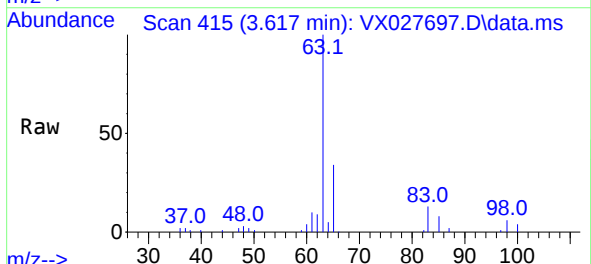
Tgt Ion: 43 Resp: 24825
 Ion Ratio Lower Upper
 43 100
 86 9.3 10.8 16.2

Manual Integrations
 APPROVED

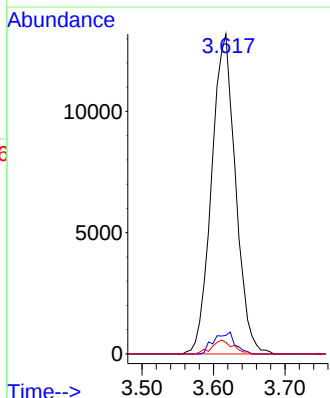
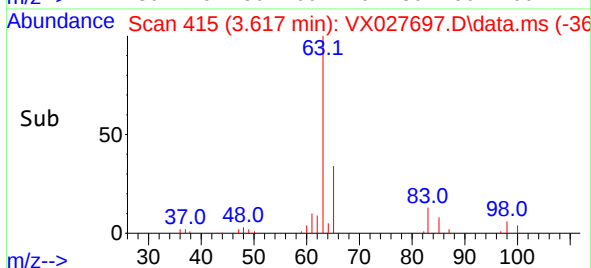
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

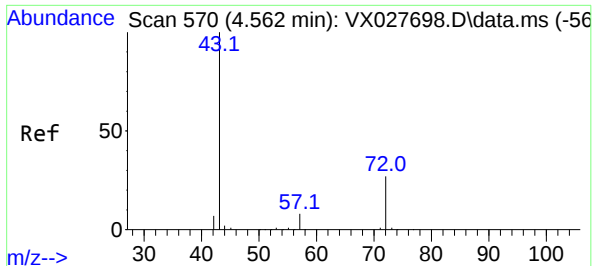


#24
 1,1-Dichloroethane
 Concen: 28.320 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX027697.D
 Acq: 25 Mar 2022 12:54



Tgt Ion: 63 Resp: 30708
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 3.6 2.4 7.2





#25

2-Butanone

Concen: 139.529 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 6690

Ion Ratio Lower Upper

43 100

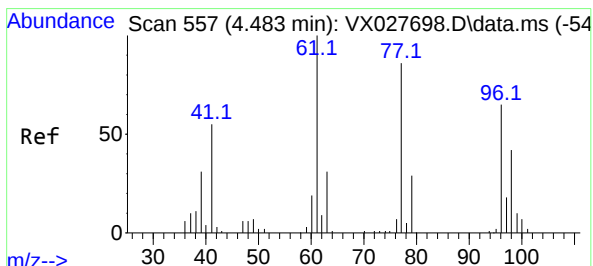
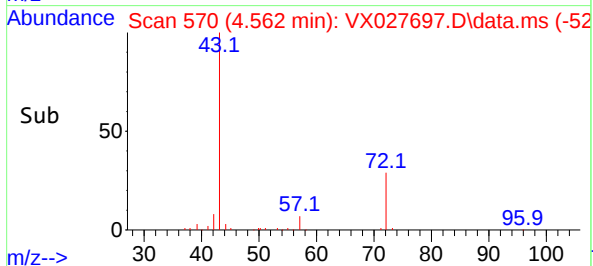
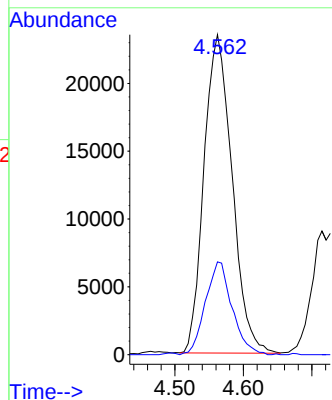
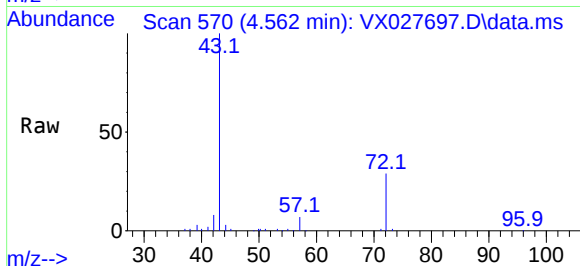
72 29.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 25.783 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX027697.D

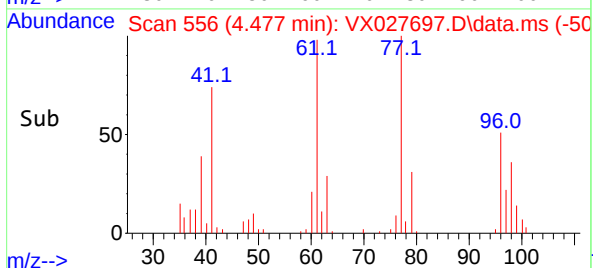
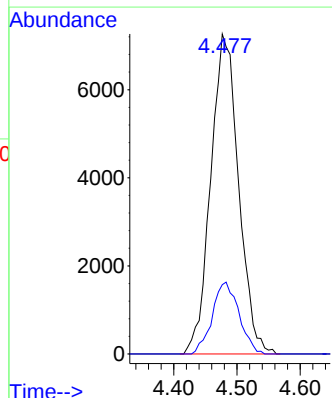
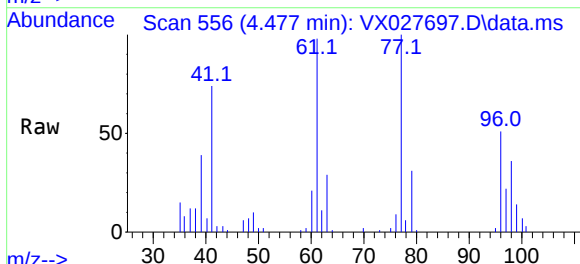
Acq: 25 Mar 2022 12:54

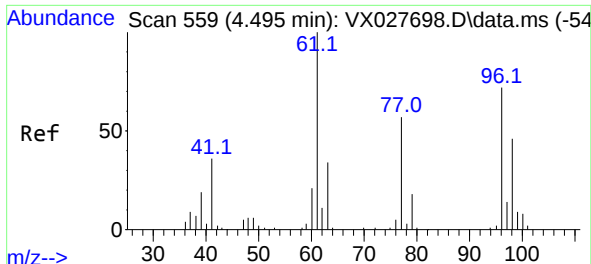
Tgt Ion: 77 Resp: 22185

Ion Ratio Lower Upper

77 100

97 21.5 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 24.319 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

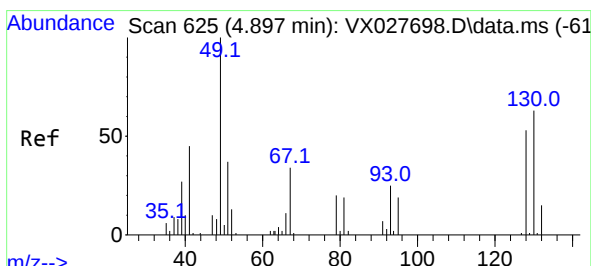
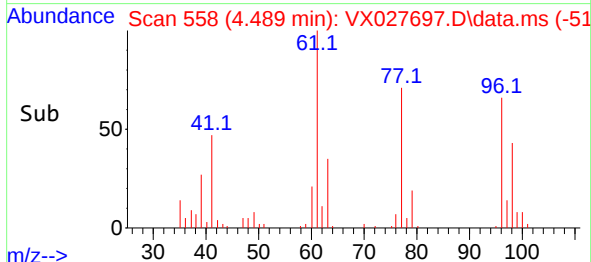
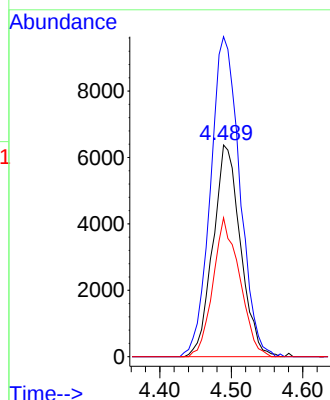
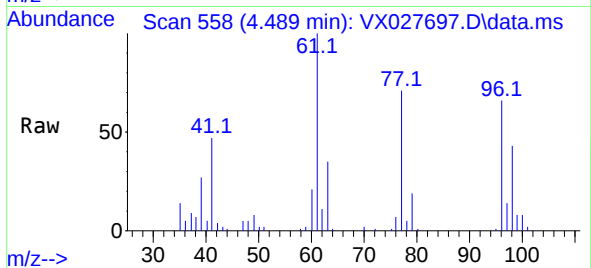
VSTDICC020

Tgt Ion: 96 Resp: 17018
Ion Ratio Lower Upper
96 100
61 161.1 0.0 283.8
98 63.4 0.0 129.8

Manual Integrations

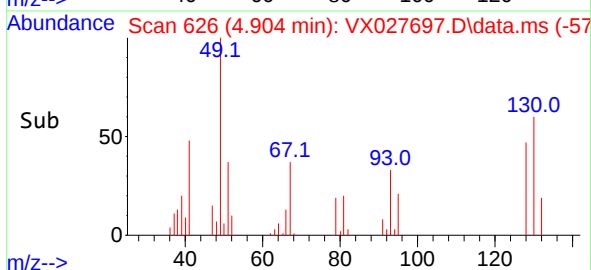
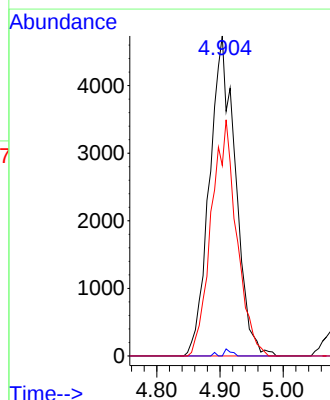
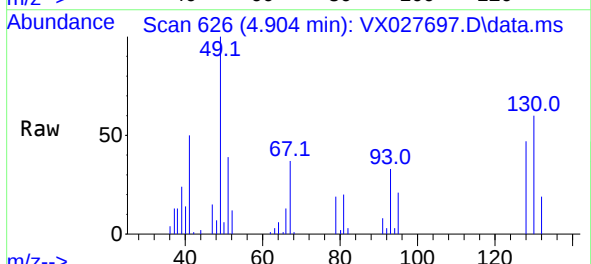
APPROVED

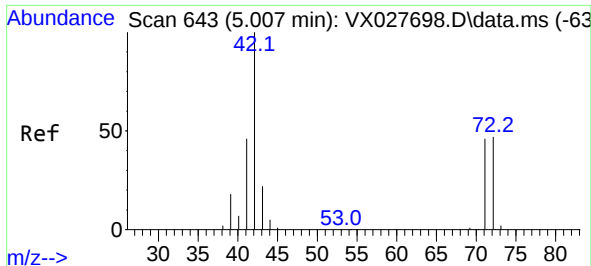
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#28
Bromochloromethane
Concen: 31.056 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

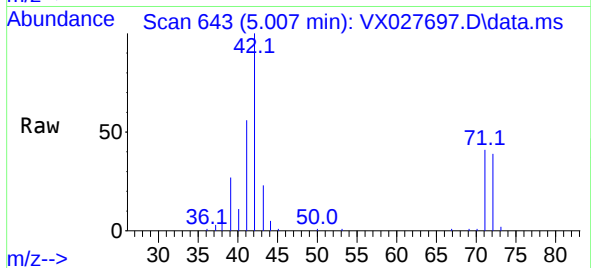
Tgt Ion: 49 Resp: 13471
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.4
130 72.1 70.7 106.1





#29
Tetrahydrofuran
Concen: 160.341 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

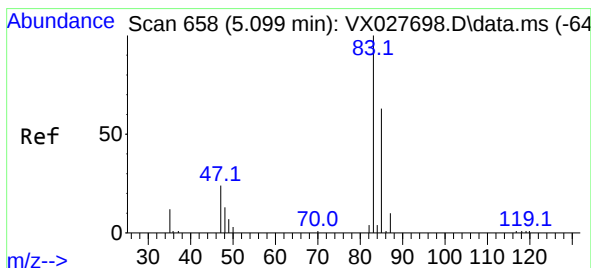
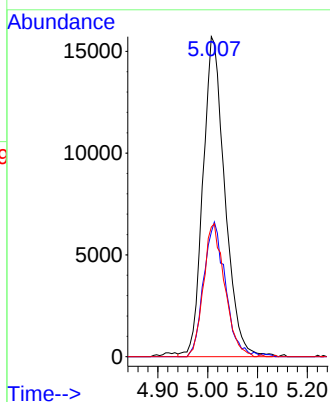
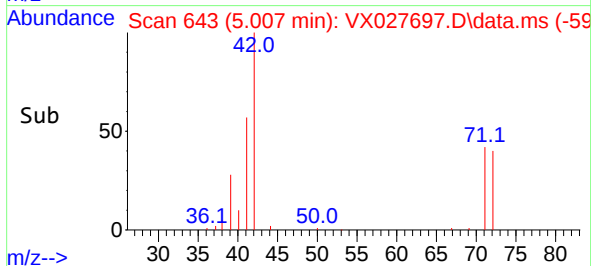
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



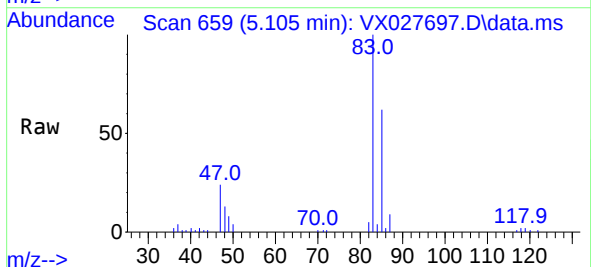
Tgt Ion: 42 Resp: 47960
Ion Ratio Lower Upper
42 100
72 41.7 44.1 66.1
71 40.2 40.5 60.7

Manual Integrations
APPROVED

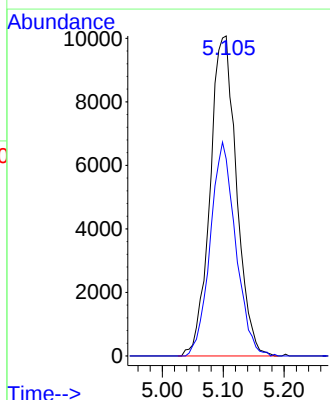
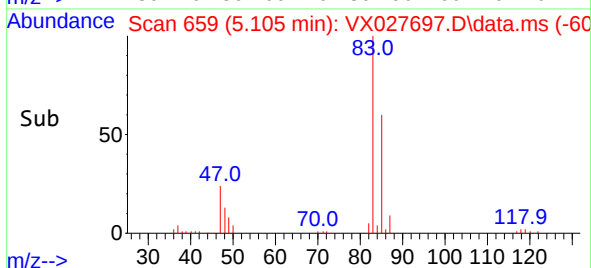
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

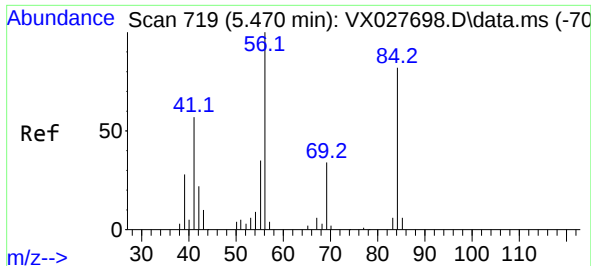


#30
Chloroform
Concen: 26.121 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



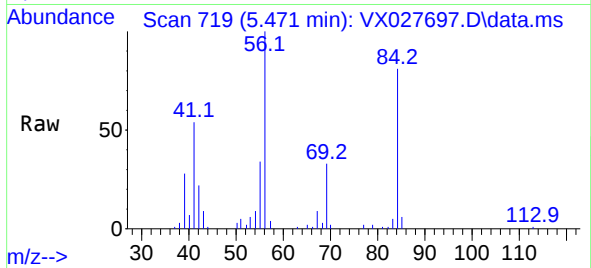
Tgt Ion: 83 Resp: 30356
Ion Ratio Lower Upper
83 100
85 61.6 52.7 79.1





#31
Cyclohexane
Concen: 25.581 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

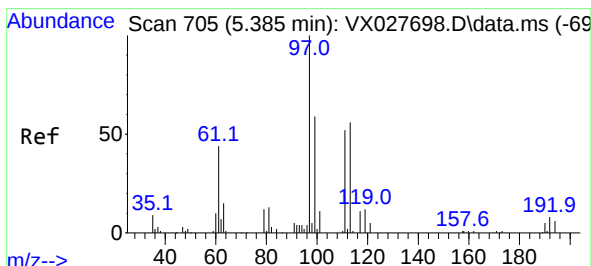
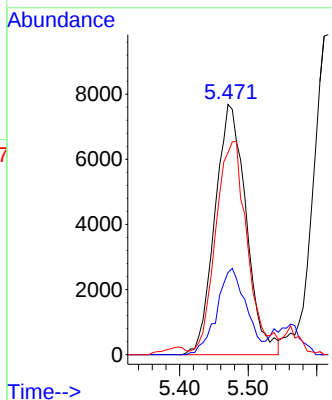
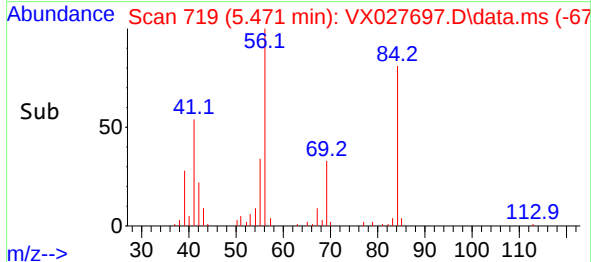
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



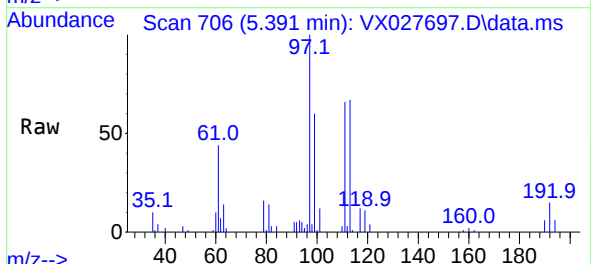
Tgt Ion: 56 Resp: 24294
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 77.6 77.2 115.8

Manual Integrations
APPROVED

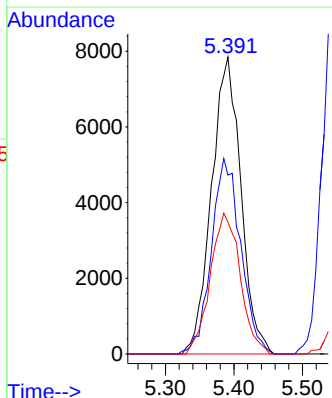
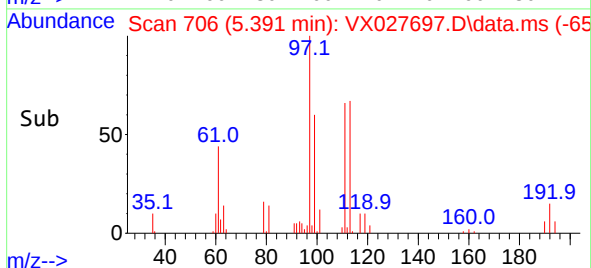
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

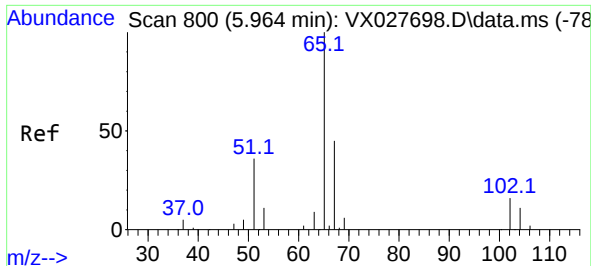


#32
1,1,1-Trichloroethane
Concen: 22.246 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion: 97 Resp: 23343
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.6
61 48.5 34.0 51.0





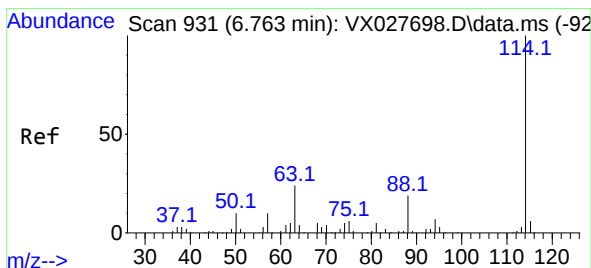
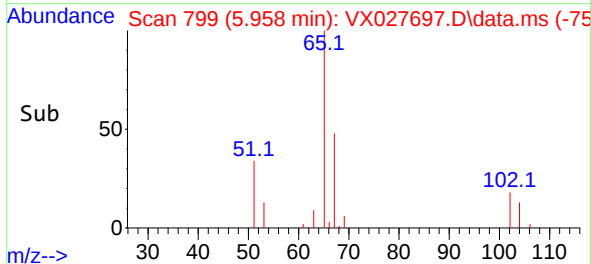
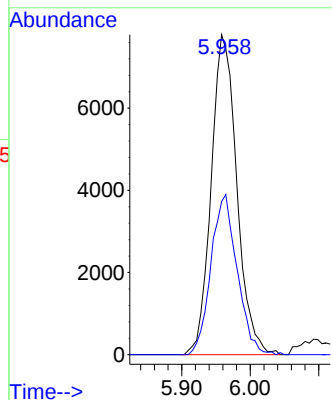
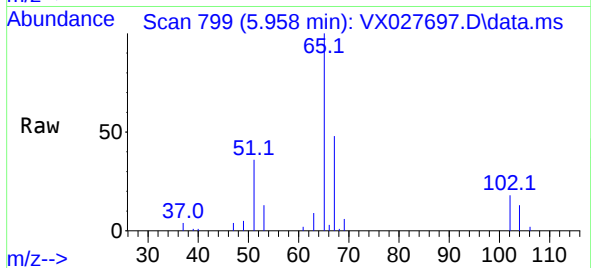
#33
1,2-Dichloroethane-d4
Concen: 26.603 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 2025
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

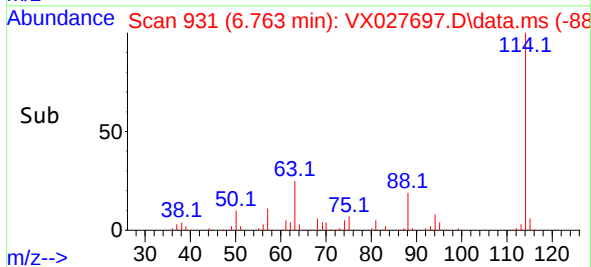
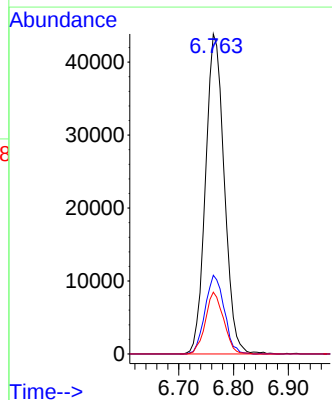
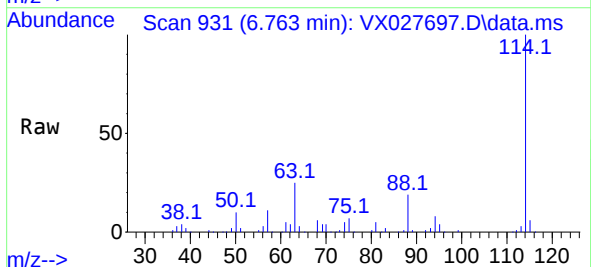
Manual Integrations
APPROVED

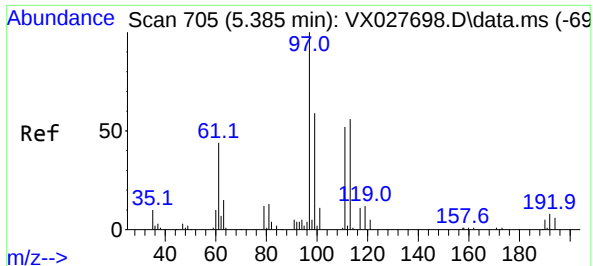
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

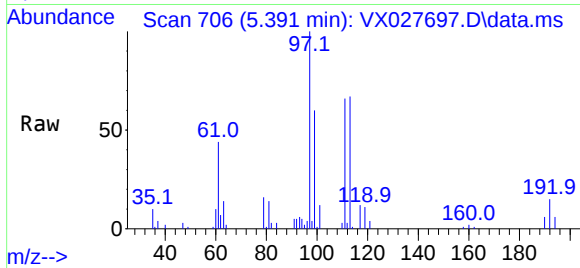
Tgt Ion:114 Resp: 104157
Ion Ratio Lower Upper
114 100
63 24.6 0.0 36.8
88 19.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 22.688 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

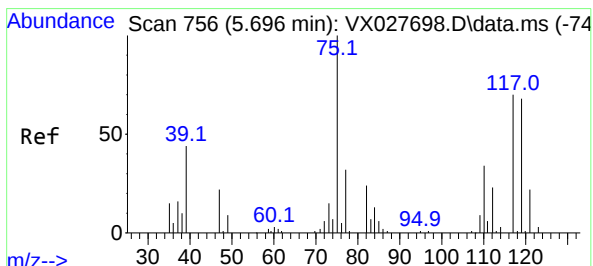
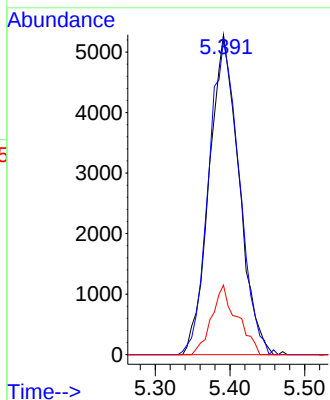
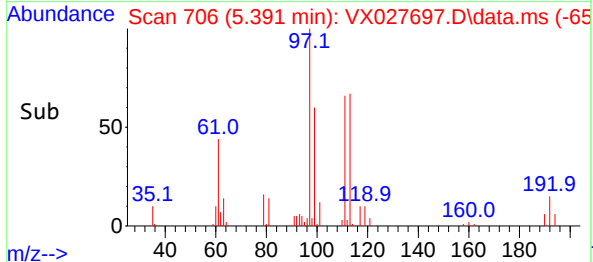
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



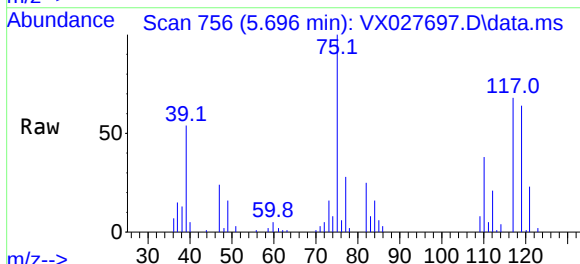
Tgt Ion:113 Resp: 14610
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 18.6 16.9 25.3

Manual Integrations
APPROVED

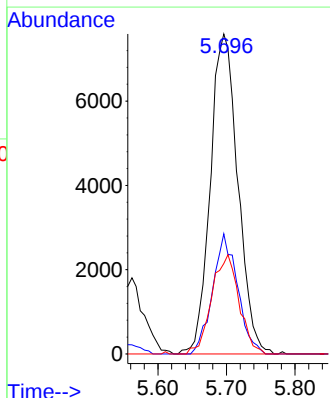
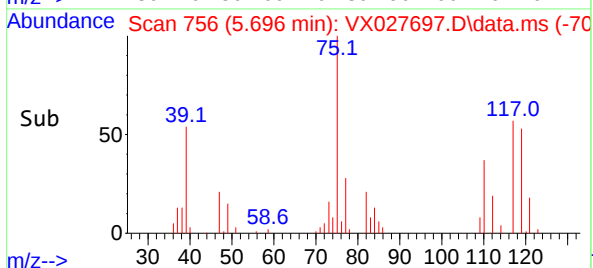
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

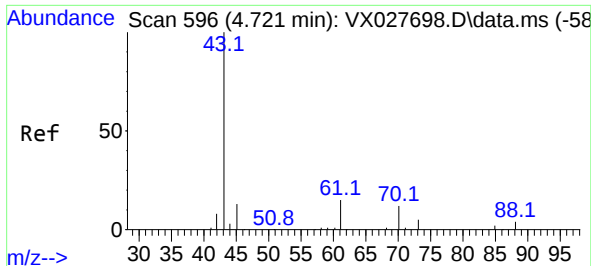


#36
1,1-Dichloropropene
Concen: 23.078 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



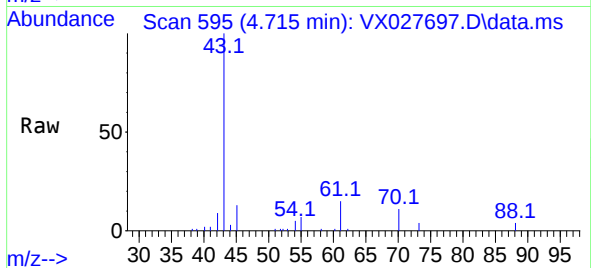
Tgt Ion: 75 Resp: 21203
Ion Ratio Lower Upper
75 100
110 34.0 18.3 54.8
77 30.8 24.8 37.2





#37
Ethyl Acetate
Concen: 29.479 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

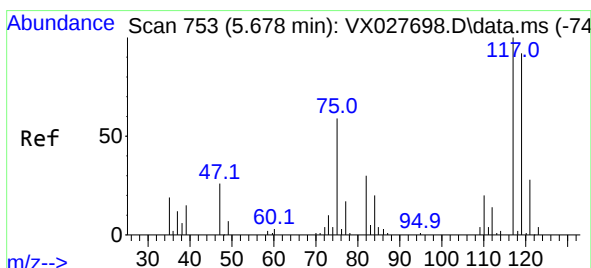
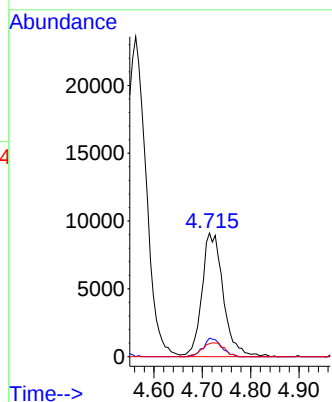
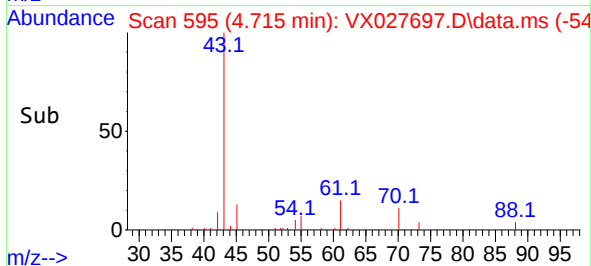
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 27918
Ion Ratio Lower Upper
43 100
61 12.8 12.6 19.0
70 11.5 10.2 15.2

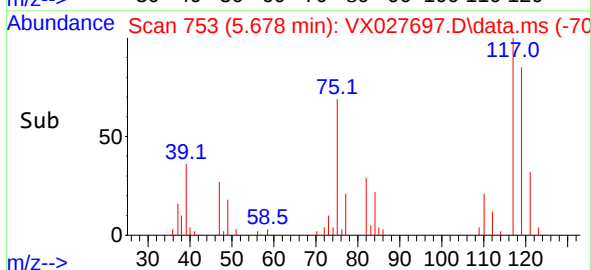
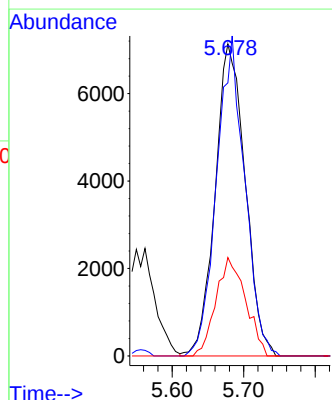
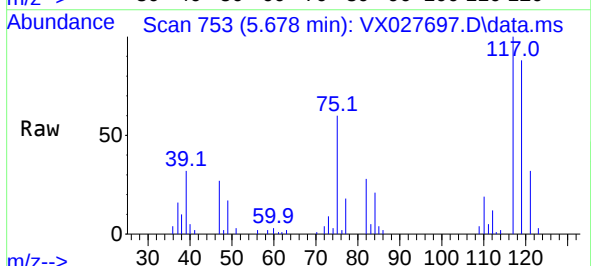
Manual Integrations
APPROVED

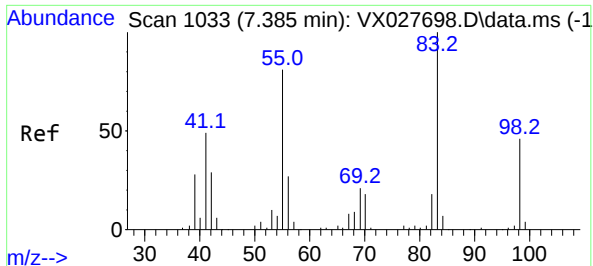
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 20.277 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion:117 Resp: 20790
Ion Ratio Lower Upper
117 100
119 87.6 77.3 115.9
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 22.985 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 2654

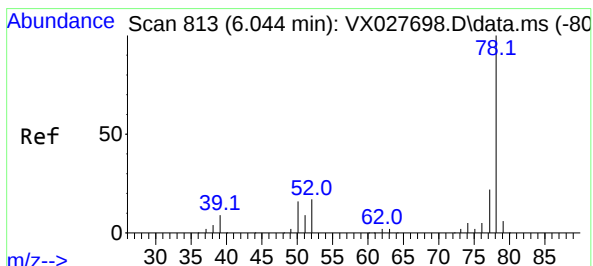
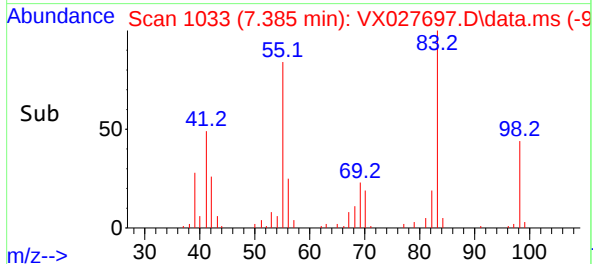
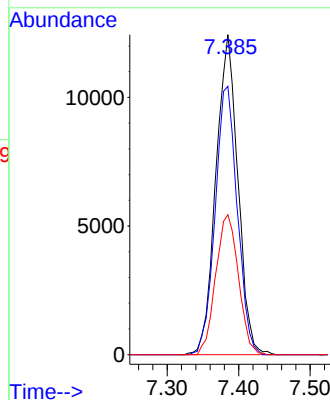
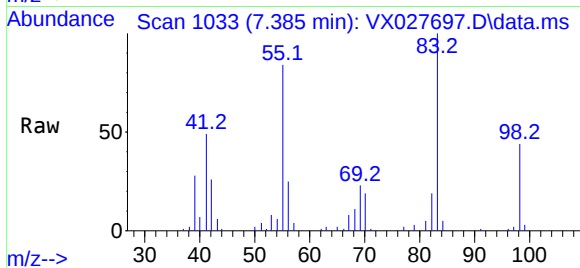
Ion	Ratio	Lower	Upper
83	100		
55	83.8	54.6	81.8
98	43.7	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 23.461 ug/l

RT: 6.044 min Scan# 813

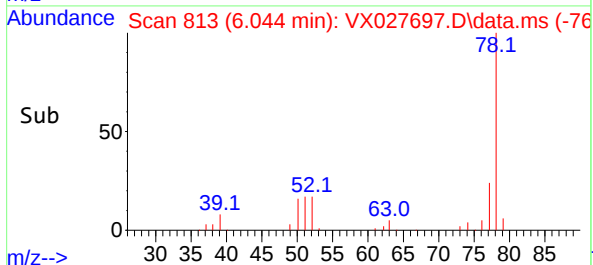
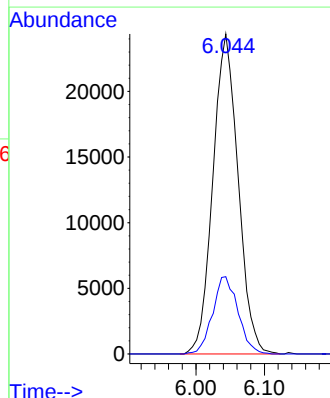
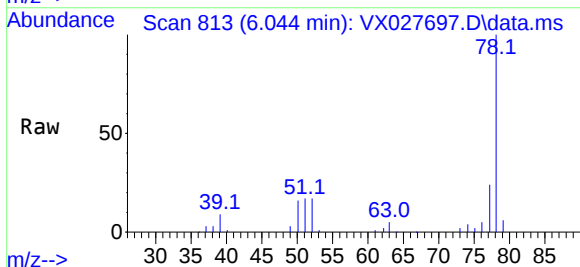
Delta R.T. 0.000 min

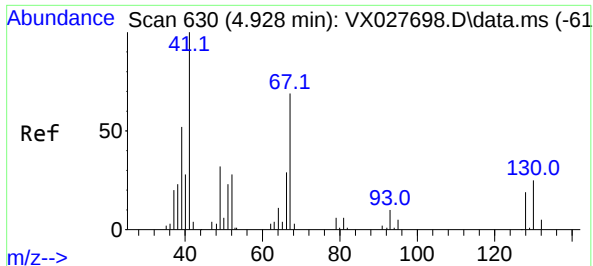
Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Tgt Ion: 78 Resp: 62301

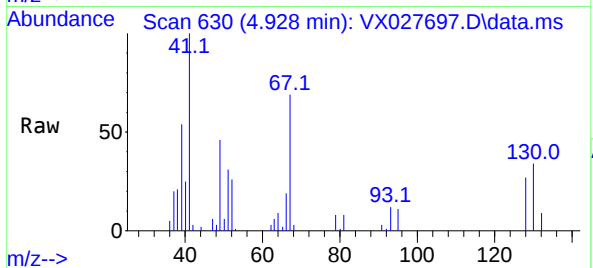
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





#41
Methacrylonitrile
Concen: 27.008 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

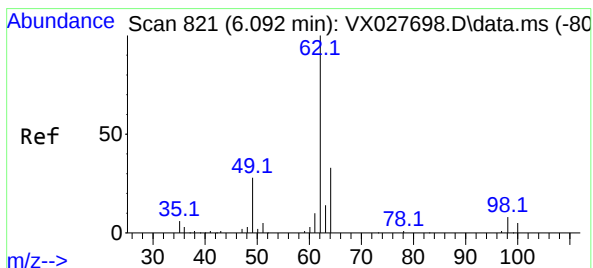
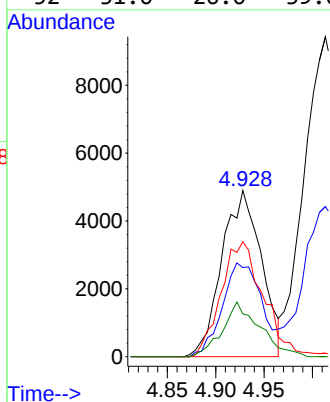
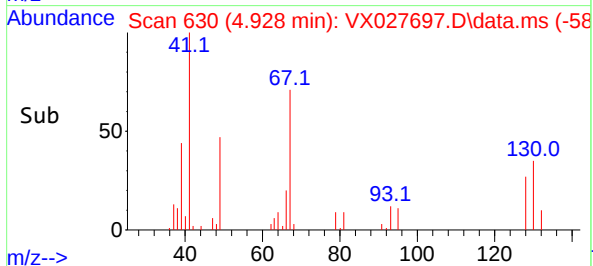
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



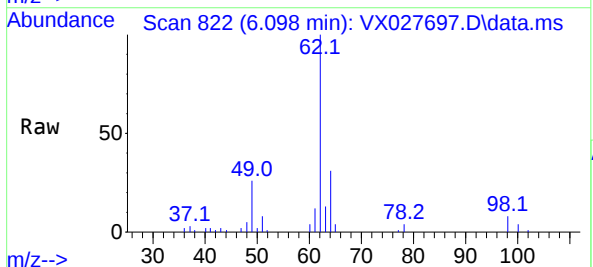
Tgt Ion: 41 Resp: 13969
Ion Ratio Lower Upper
41 100
39 56.7 43.0 64.4
67 74.2 70.2 105.4
52 31.0 26.0 39.0

Manual Integrations
APPROVED

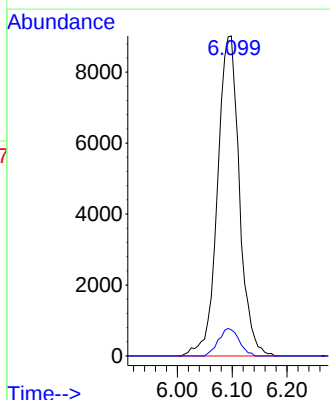
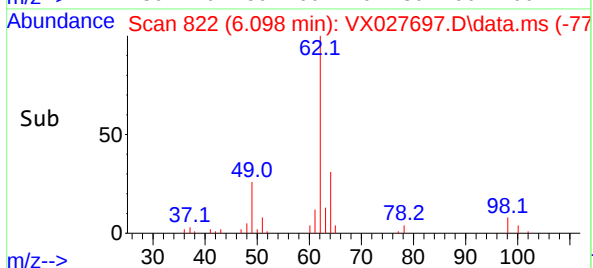
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

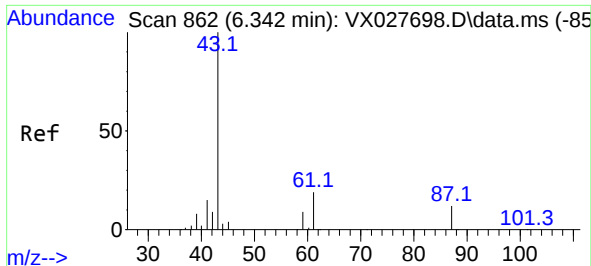


#42
1,2-Dichloroethane
Concen: 24.504 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



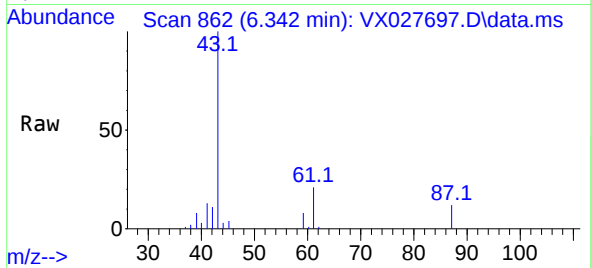
Tgt Ion: 62 Resp: 25000
Ion Ratio Lower Upper
62 100
98 8.1 0.0 20.4





#43
Isopropyl Acetate
Concen: 26.623 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

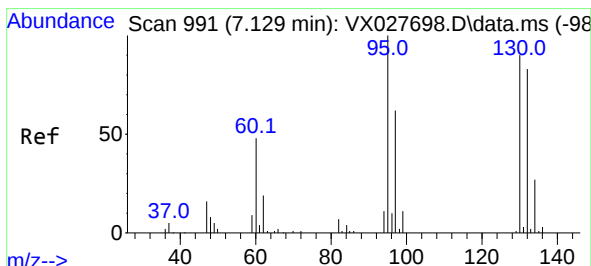
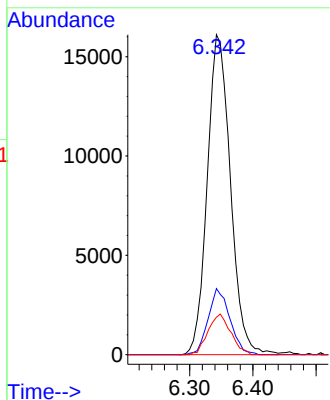
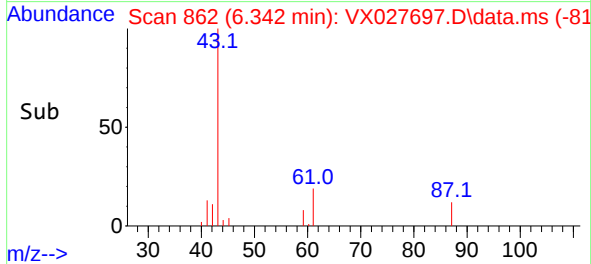
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



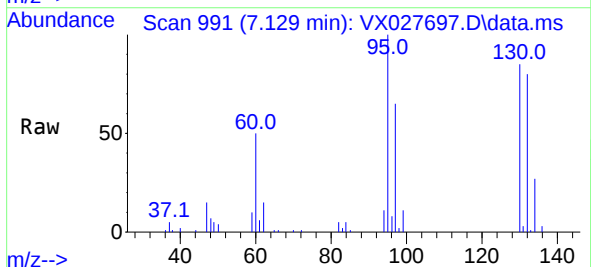
Tgt Ion: 43 Resp: 41025
Ion Ratio Lower Upper
43 100
61 19.4 18.5 27.7
87 12.4 13.0 19.6

Manual Integrations
APPROVED

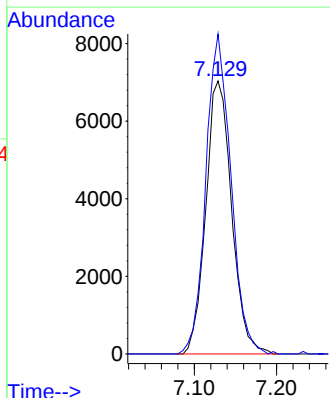
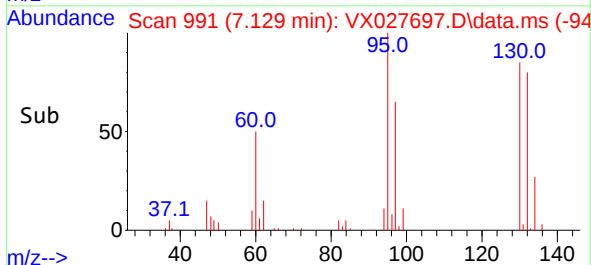
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

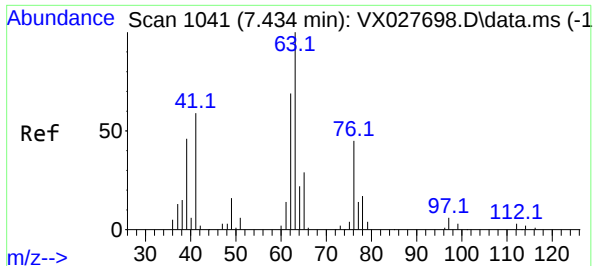


#44
Trichloroethene
Concen: 19.746 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion:130 Resp: 15366
Ion Ratio Lower Upper
130 100
95 117.2 0.0 188.8





#45

1,2-Dichloropropane

Concen: 25.063 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 1705

Ion Ratio Lower Upper

63 100

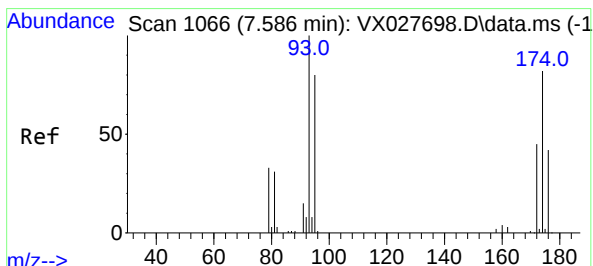
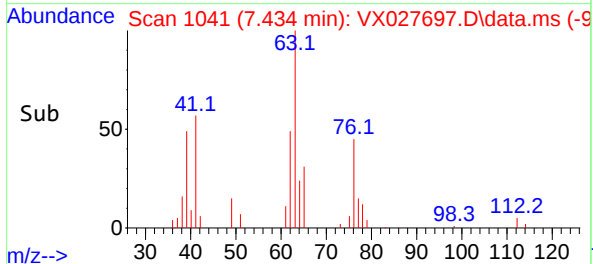
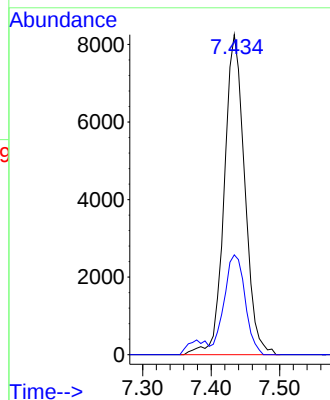
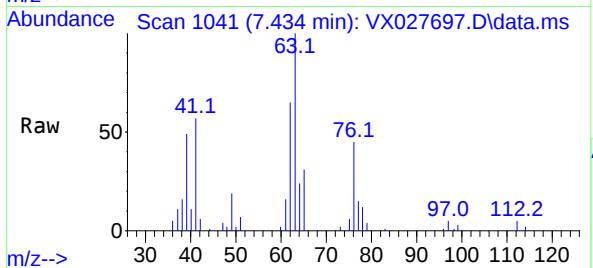
65 31.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 23.665 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

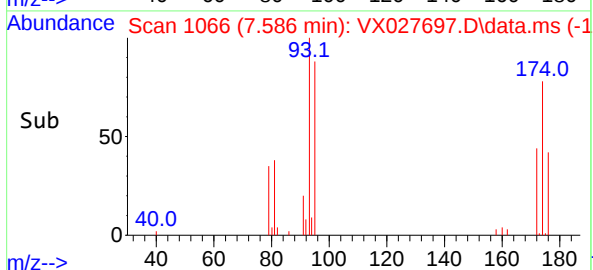
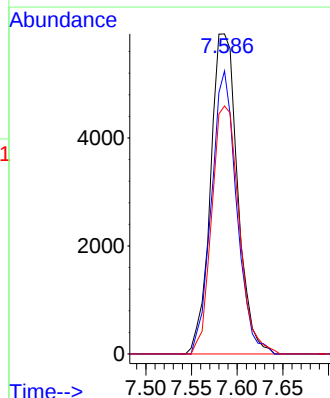
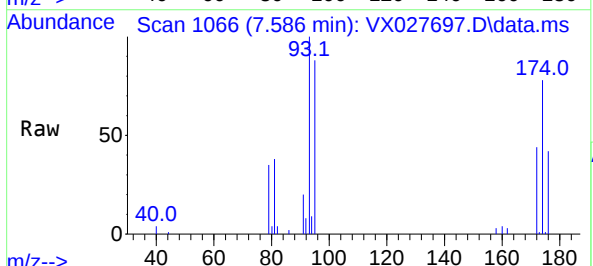
Tgt Ion: 93 Resp: 12185

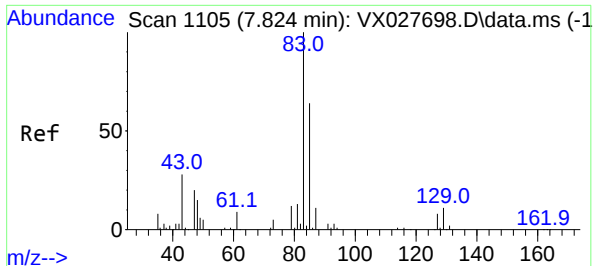
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

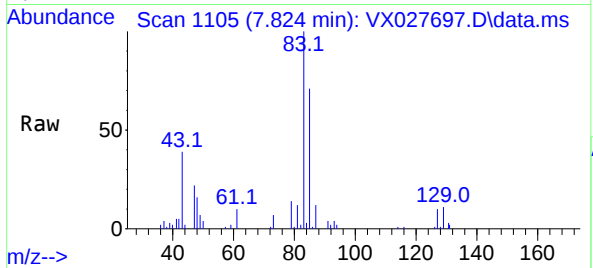
174 78.5 85.4 128.2#





#47
Bromodichloromethane
Concen: 23.781 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

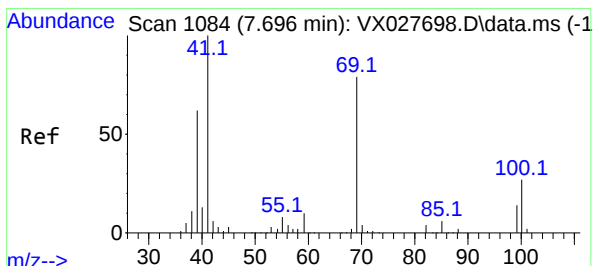
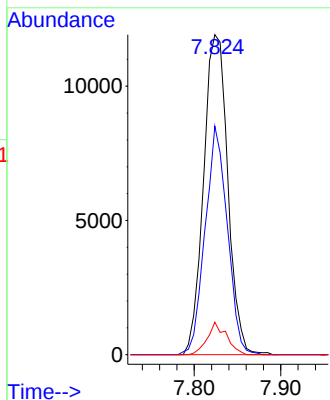
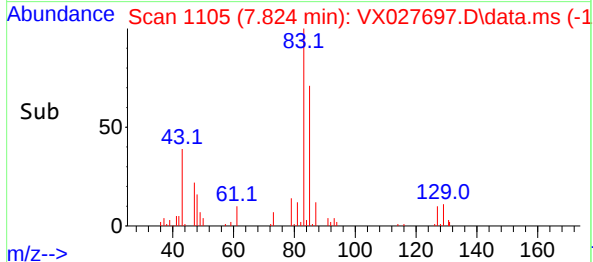
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



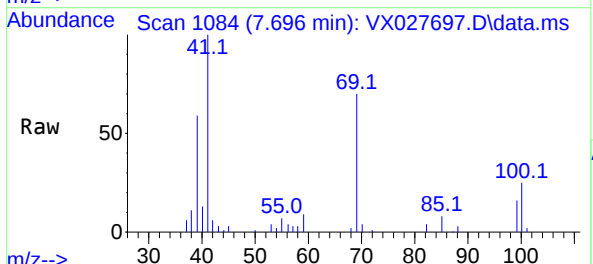
Tgt Ion: 83 Resp: 23180
Ion Ratio Lower Upper
83 100
85 71.4 52.2 78.2
127 10.2 6.8 10.2

Manual Integrations
APPROVED

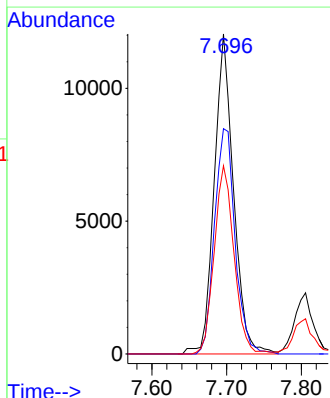
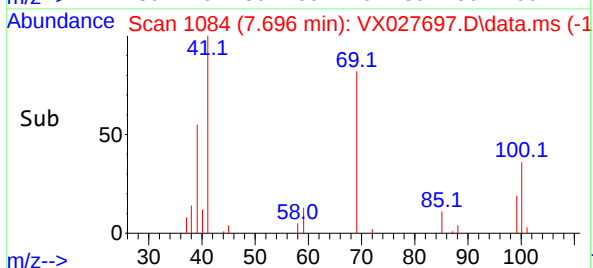
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

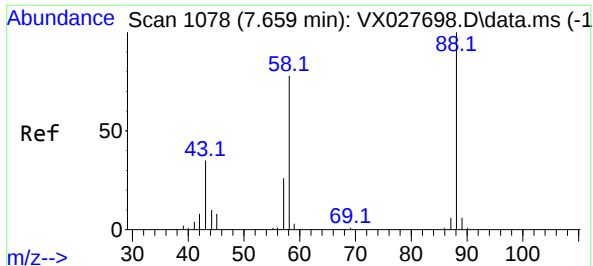


#48
Methyl methacrylate
Concen: 28.371 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion: 41 Resp: 21598
Ion Ratio Lower Upper
41 100
69 75.5 82.5 123.7#
39 60.6 43.8 65.8





#49

1,4-Dioxane

Concen: 469.904 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 861

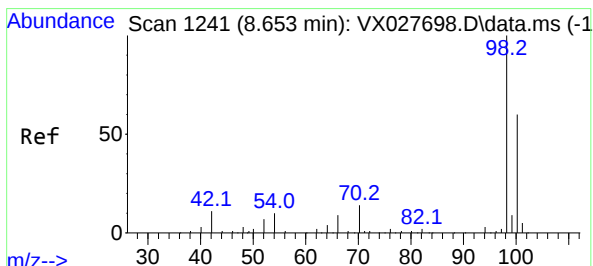
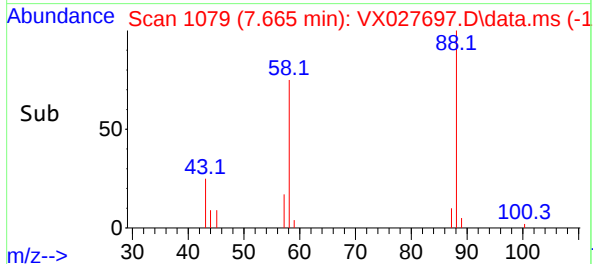
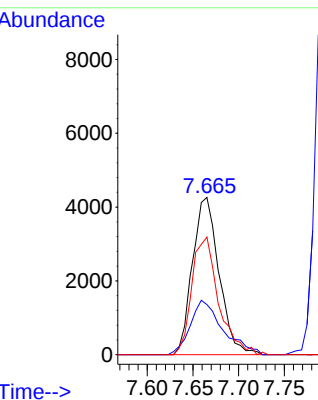
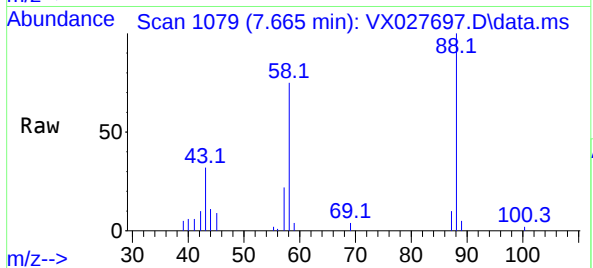
Ion	Ratio	Lower	Upper
88	100		
43	42.3	21.9	32.9
58	75.4	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#50

Toluene-d8

Concen: 24.112 ug/l

RT: 8.653 min Scan# 1241

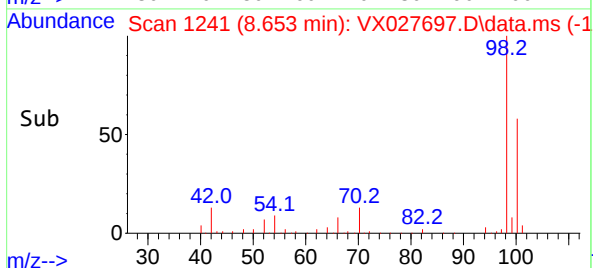
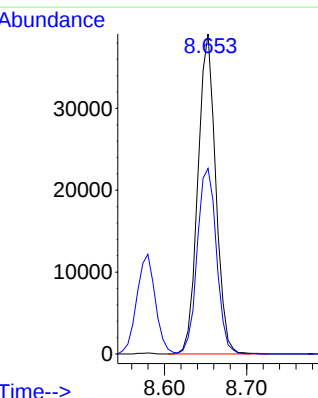
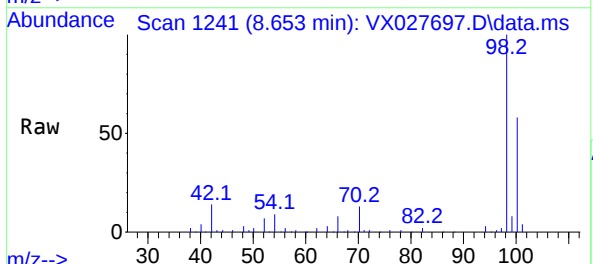
Delta R.T. 0.000 min

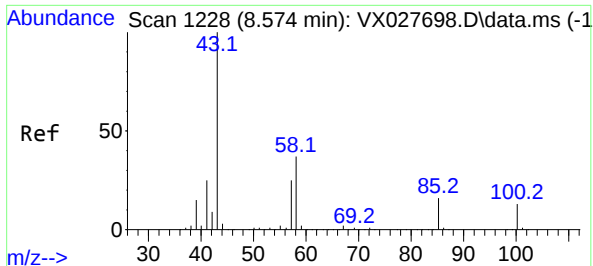
Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Tgt Ion: 98 Resp: 58814

Ion	Ratio	Lower	Upper
98	100		
100	62.5	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 149.124 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 146310

Ion Ratio Lower Upper

43 100

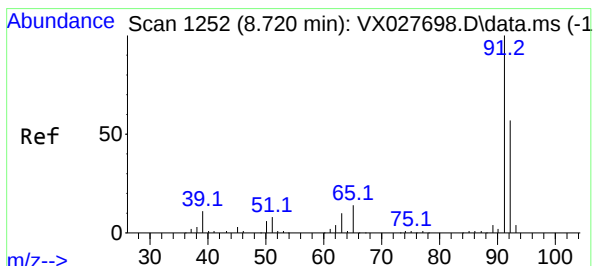
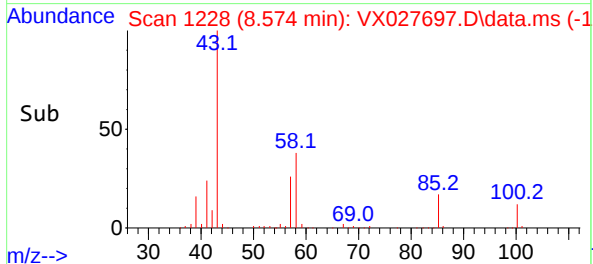
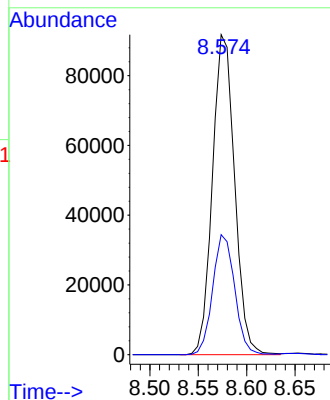
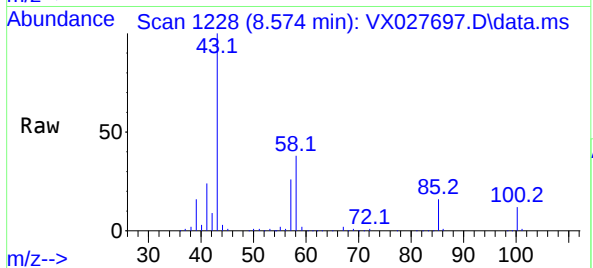
58 37.2 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#52

Toluene

Concen: 22.602 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027697.D

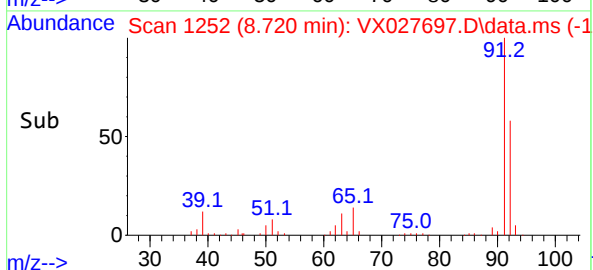
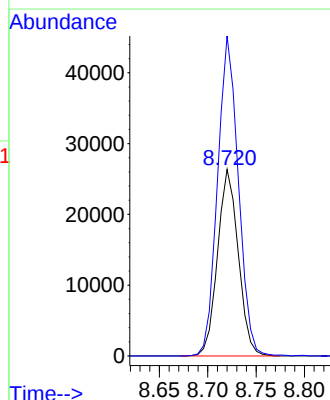
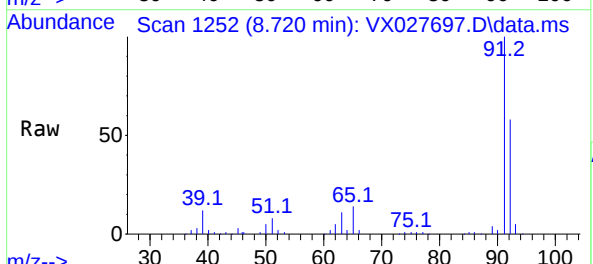
Acq: 25 Mar 2022 12:54

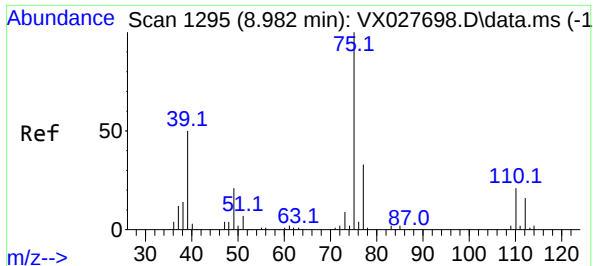
Tgt Ion: 92 Resp: 39162

Ion Ratio Lower Upper

92 100

91 172.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 23.540 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 23284

Ion Ratio Lower Upper

75 100

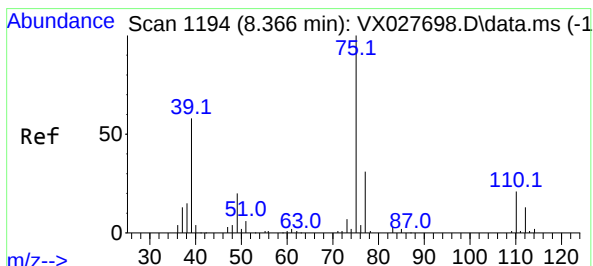
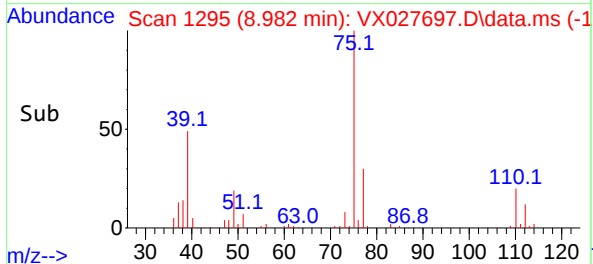
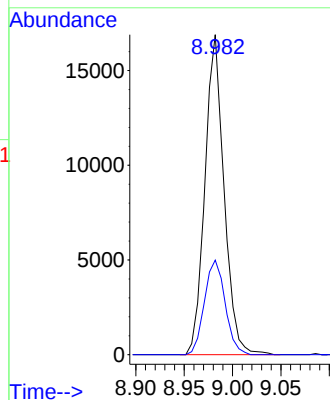
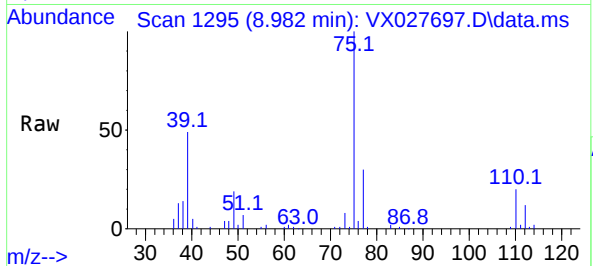
77 29.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

cis-1,3-Dichloropropene

Concen: 24.279 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

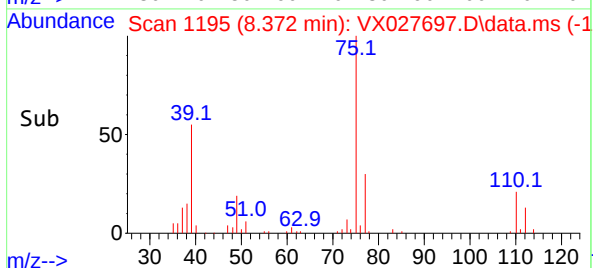
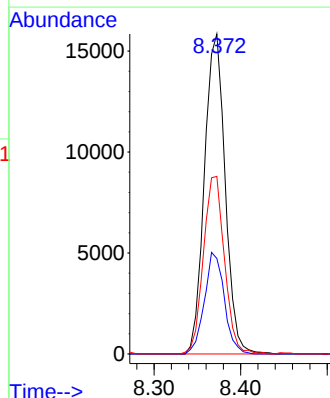
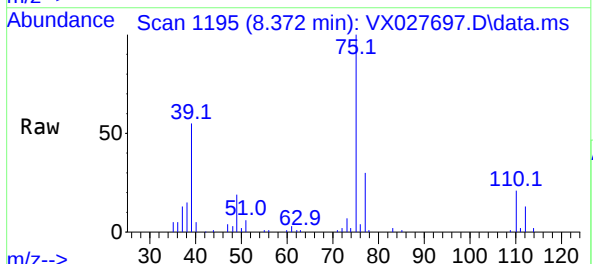
Tgt Ion: 75 Resp: 26334

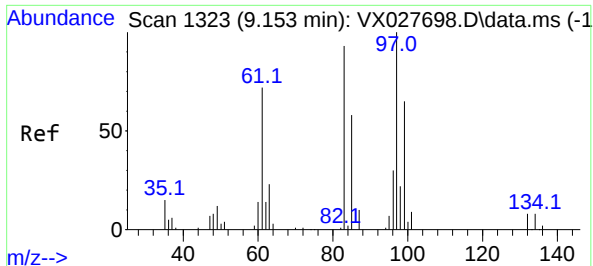
Ion Ratio Lower Upper

75 100

77 29.8 24.8 37.2

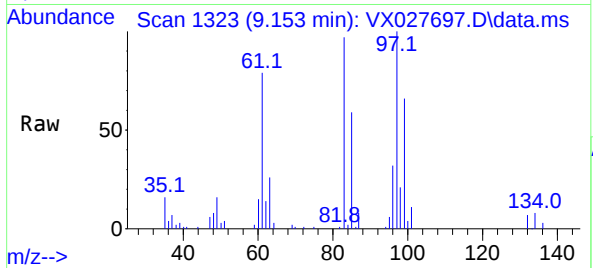
39 55.5 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 22.764 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

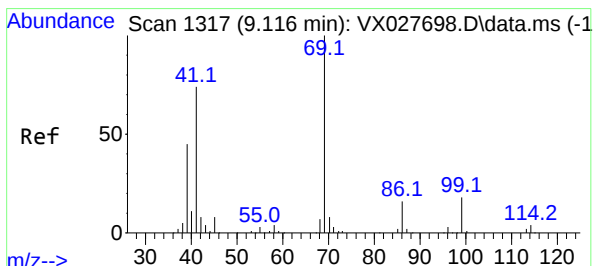
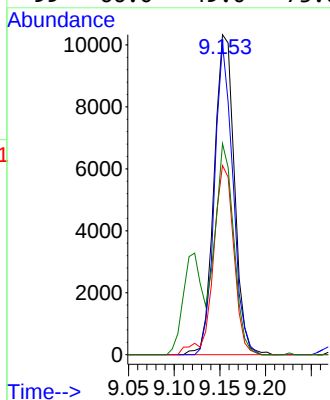
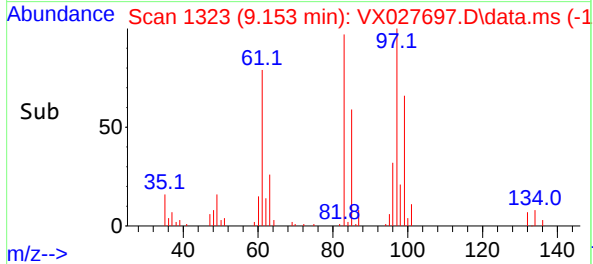
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



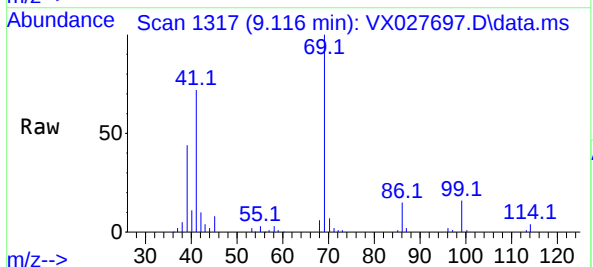
Tgt Ion: 97 Resp: 15972
Ion Ratio Lower Upper
97 100
83 97.2 66.2 99.4
85 59.1 42.9 64.3
99 66.0 49.0 73.6

Manual Integrations
APPROVED

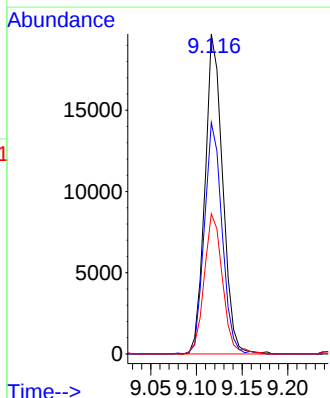
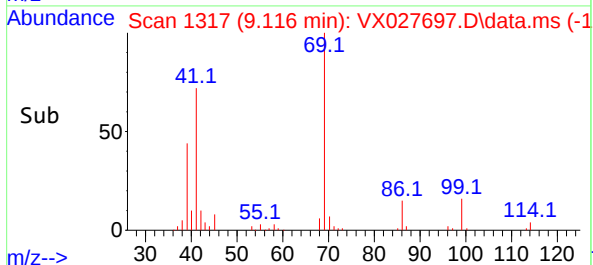
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

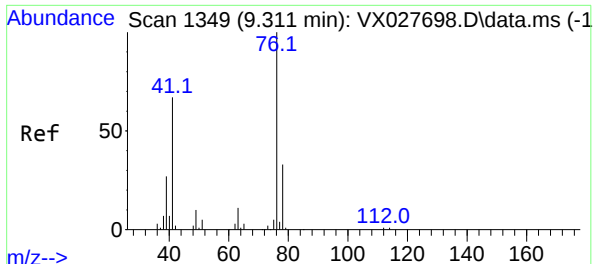


#56
Ethyl methacrylate
Concen: 24.594 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



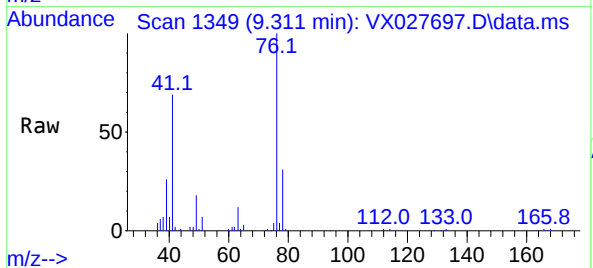
Tgt Ion: 69 Resp: 26474
Ion Ratio Lower Upper
69 100
41 72.3 43.8 65.6#
39 45.3 22.2 33.2#





#57
1,3-Dichloropropane
Concen: 25.204 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

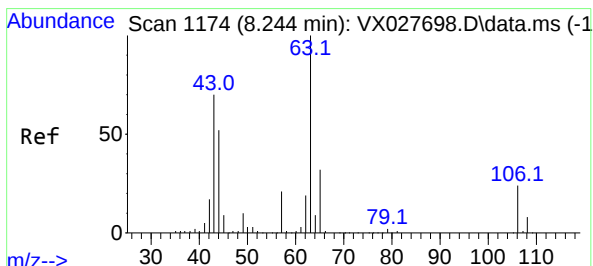
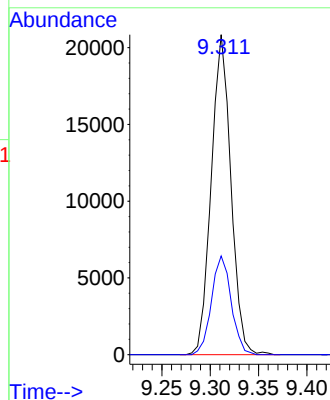
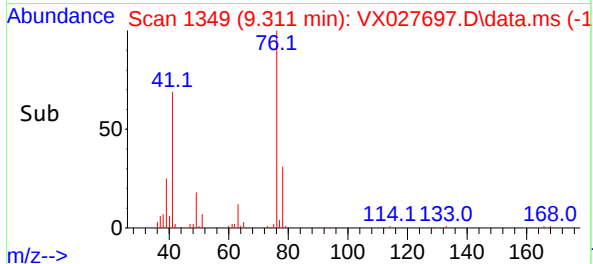
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



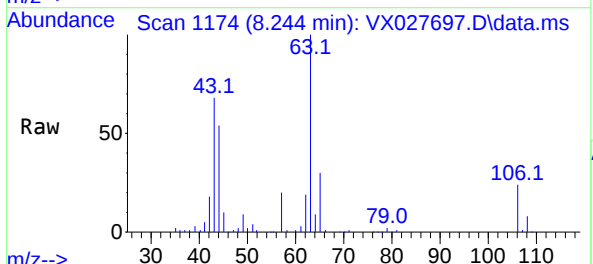
Tgt Ion: 76 Resp: 2944
Ion Ratio Lower Upper
76 100
78 31.0 25.8 38.8

Manual Integrations
APPROVED

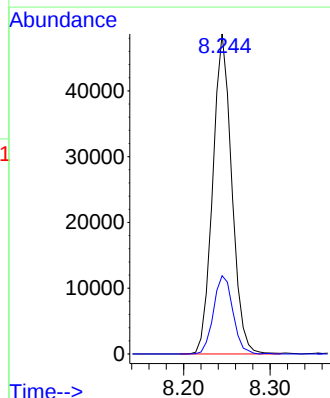
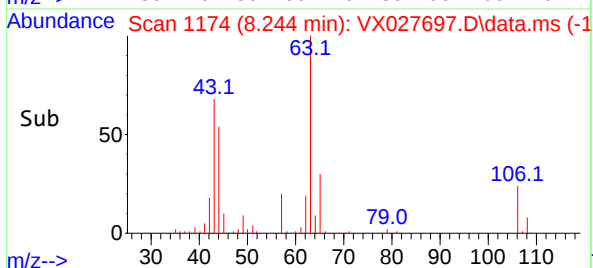
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

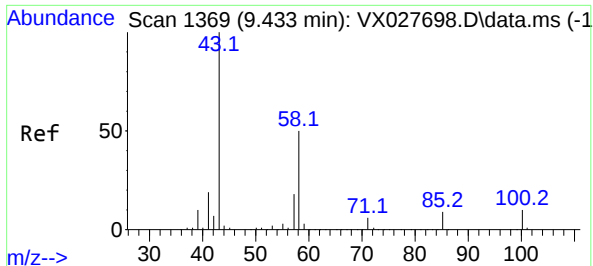


#58
2-Chloroethyl Vinyl ether
Concen: 143.613 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion: 63 Resp: 74240
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9





#59

2-Hexanone

Concen: 150.073 ug/l

RT: 9.433 min Scan# 113248

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 113248

Ion Ratio Lower Upper

43 100

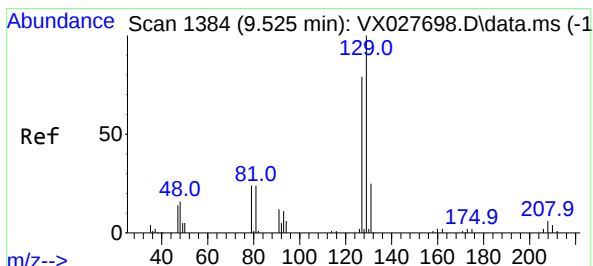
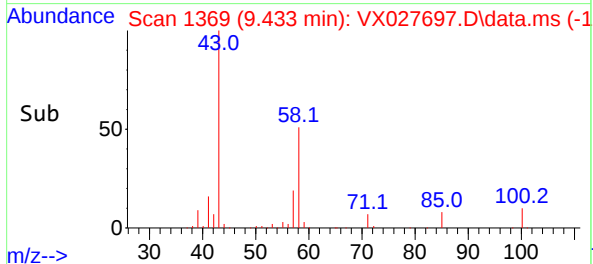
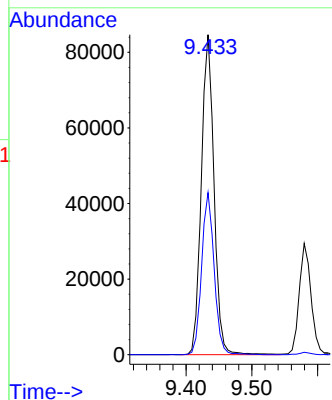
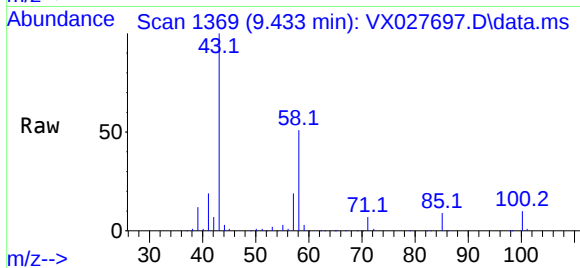
58 50.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#60

Dibromochloromethane

Concen: 20.146 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027697.D

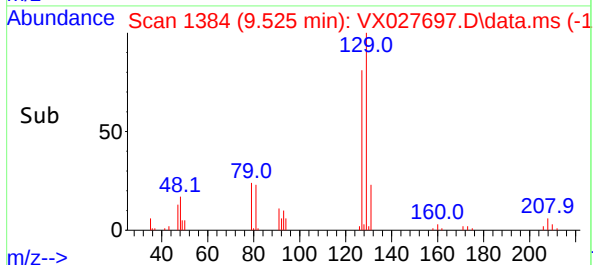
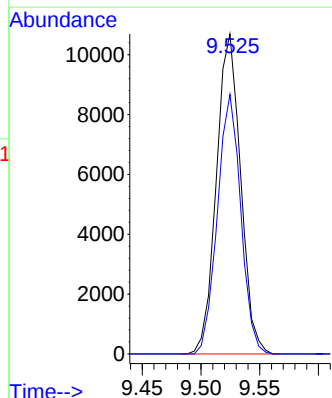
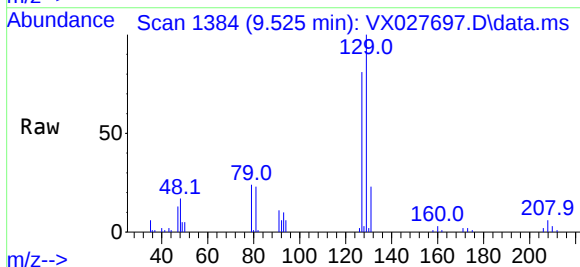
Acq: 25 Mar 2022 12:54

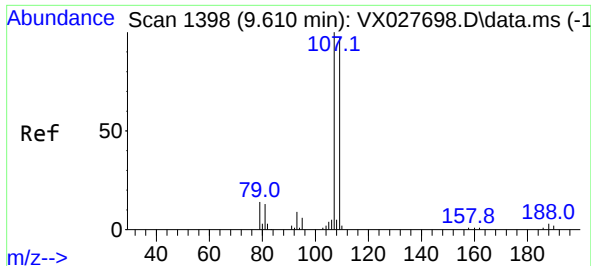
Tgt Ion:129 Resp: 15348

Ion Ratio Lower Upper

129 100

127 78.1 40.3 120.8





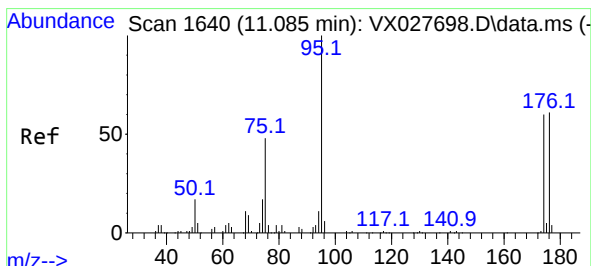
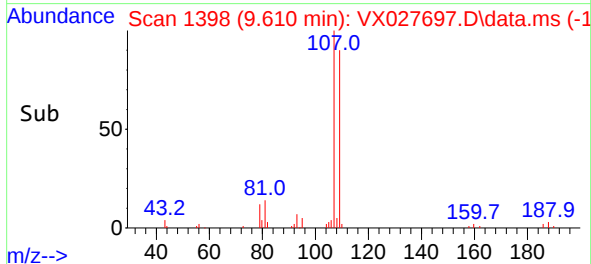
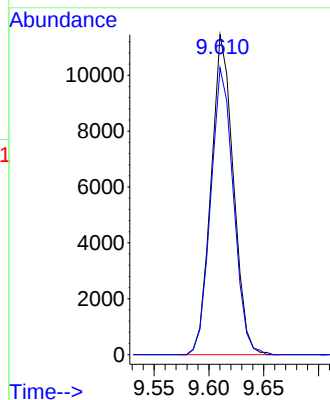
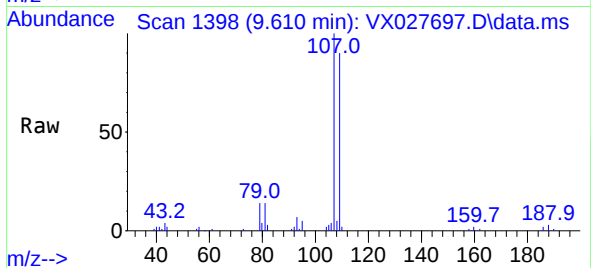
#61
1,2-Dibromoethane
Concen: 21.060 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 1621
Ion Ratio Lower Upper
107 100
109 91.0 74.4 111.6

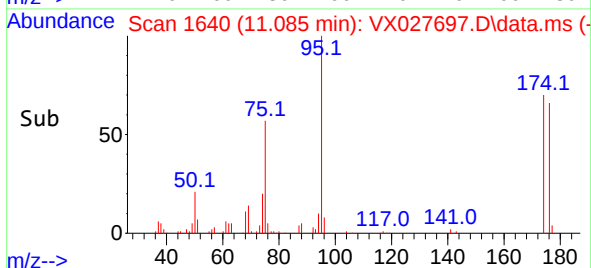
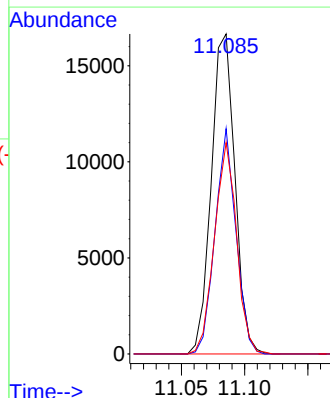
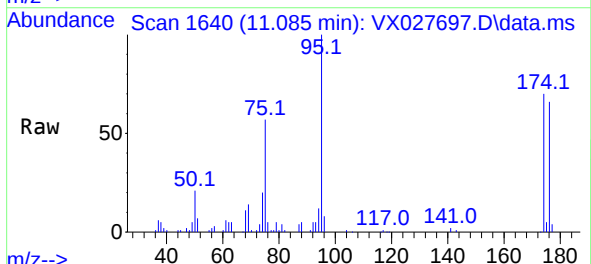
Manual Integrations
APPROVED

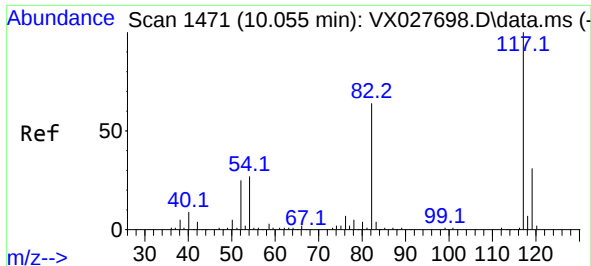
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
4-Bromofluorobenzene
Concen: 23.559 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion: 95 Resp: 21622
Ion Ratio Lower Upper
95 100
174 62.3 0.0 163.0
176 61.9 0.0 155.0





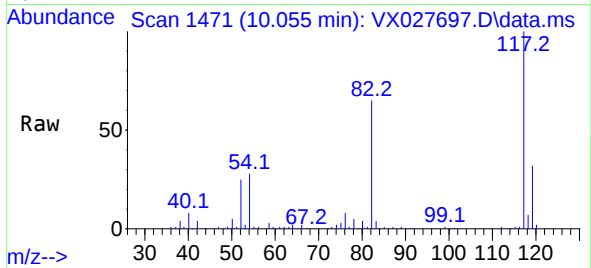
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



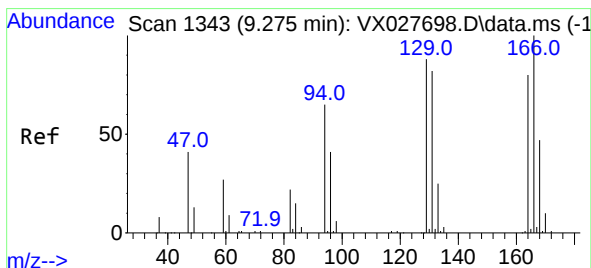
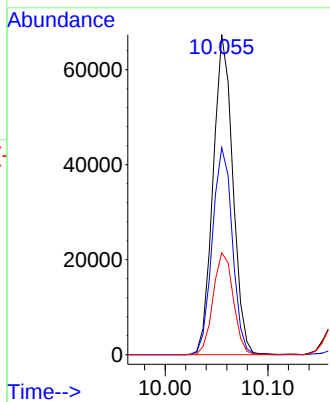
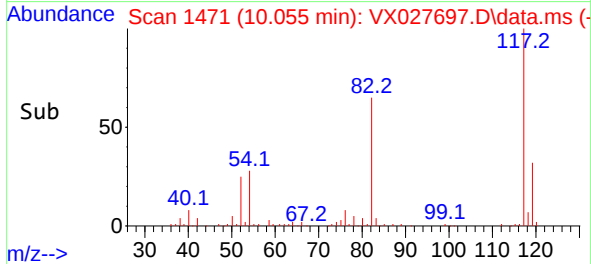
Tgt Ion:117 Resp: 8978
Ion Ratio Lower Upper
117 100
82 64.7 41.8 62.8
119 31.9 24.8 37.2

Manual Integrations

APPROVED

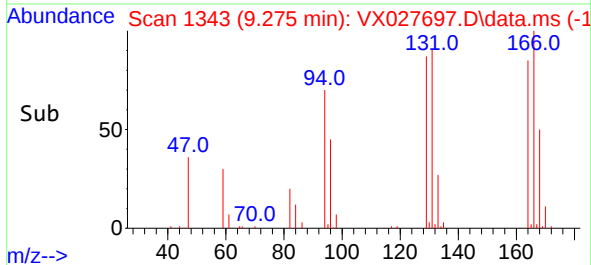
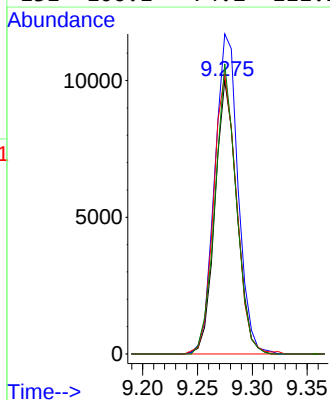
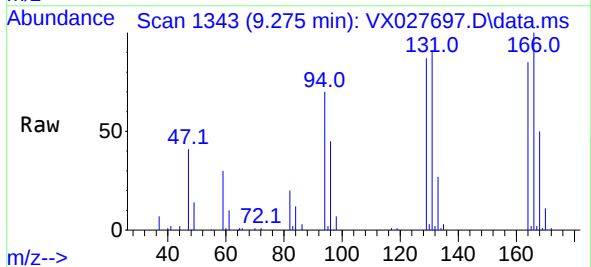
Reviewed By :John Carlone 03/26/2022

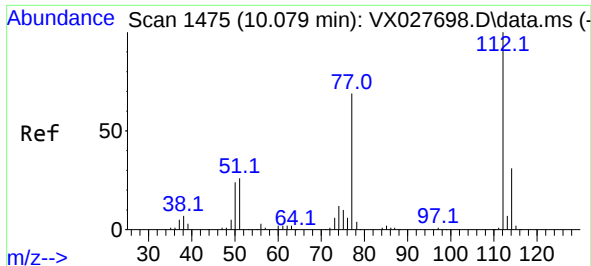
Supervised By :Mahesh Dadoda 03/28/2022



#64
Tetrachloroethene
Concen: 20.374 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion:164 Resp: 13862
Ion Ratio Lower Upper
164 100
166 117.1 101.2 151.8
129 102.4 73.0 109.4
131 106.1 74.2 111.2





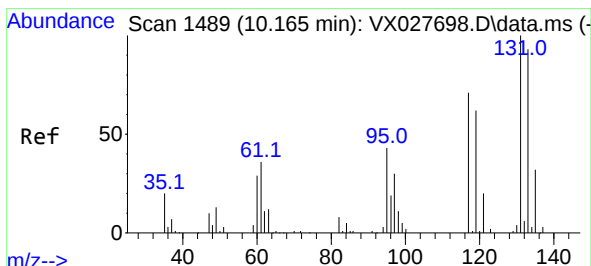
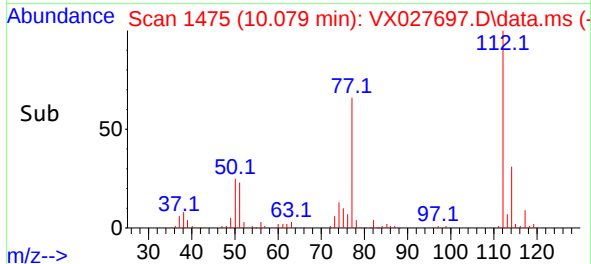
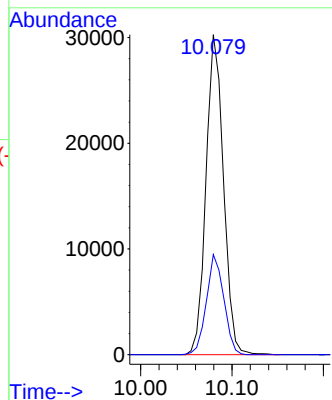
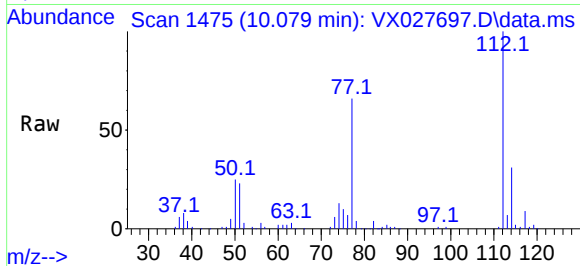
#65
Chlorobenzene
Concen: 22.049 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 4019
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

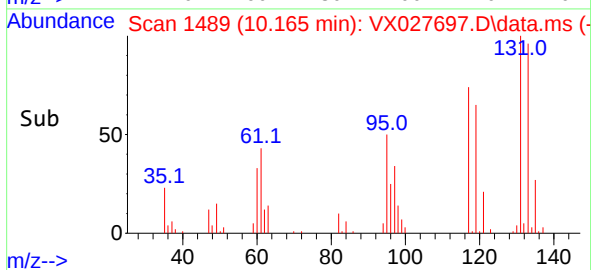
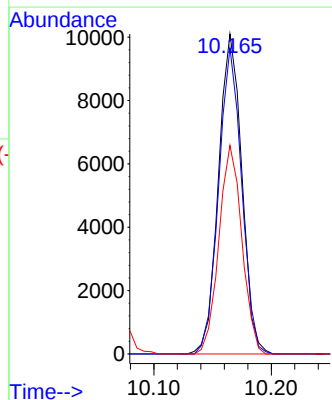
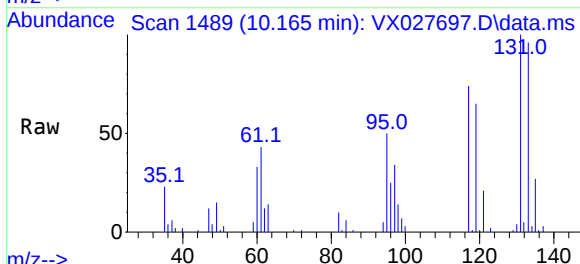
Manual Integrations
APPROVED

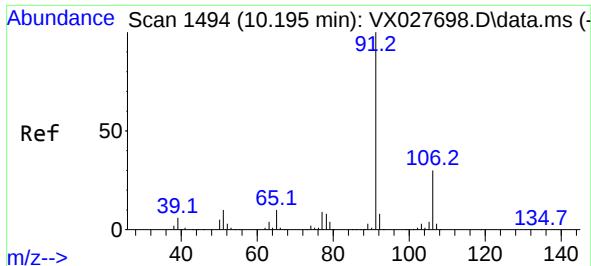
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.681 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

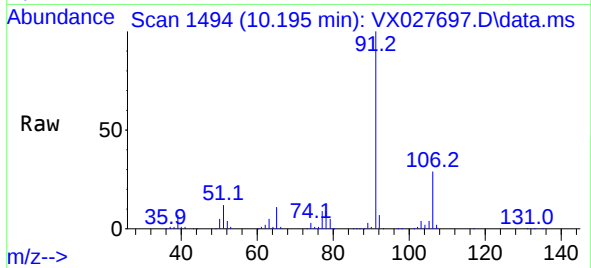
Tgt Ion:131 Resp: 13910
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.8
119 64.4 32.6 98.0





#67
Ethyl Benzene
Concen: 23.544 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

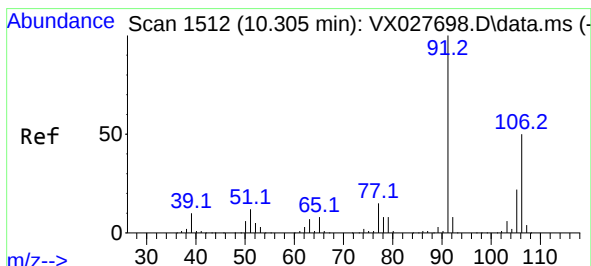
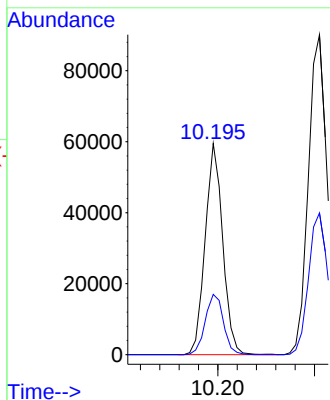
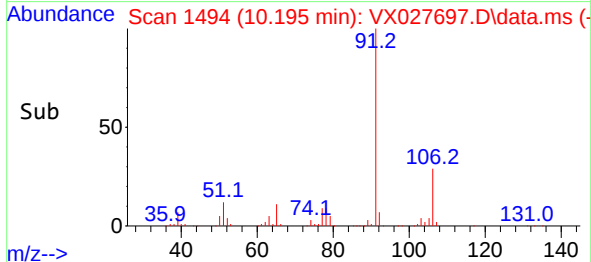
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



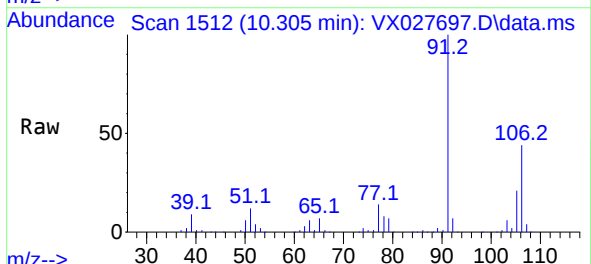
Tgt Ion: 91 Resp: 75010
Ion Ratio Lower Upper
91 100
106 28.6 24.6 36.8

Manual Integrations
APPROVED

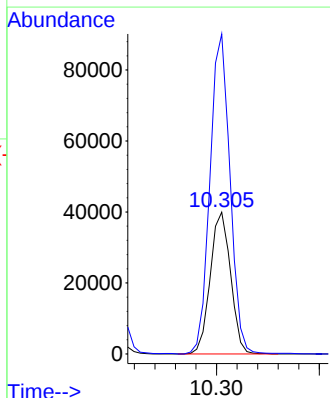
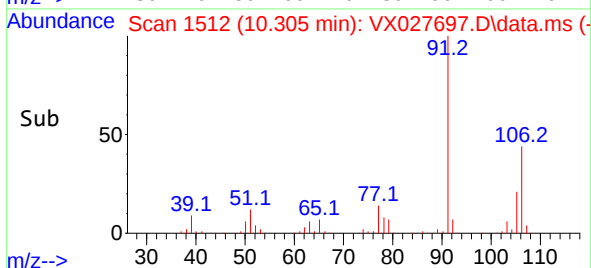
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

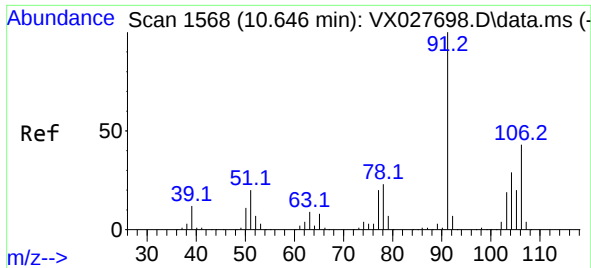


#68
m/p-Xylenes
Concen: 44.170 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion:106 Resp: 54786
Ion Ratio Lower Upper
106 100
91 223.0 160.4 240.6





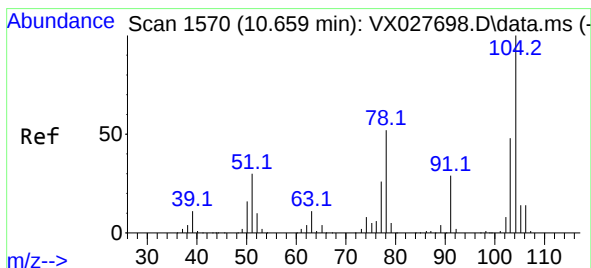
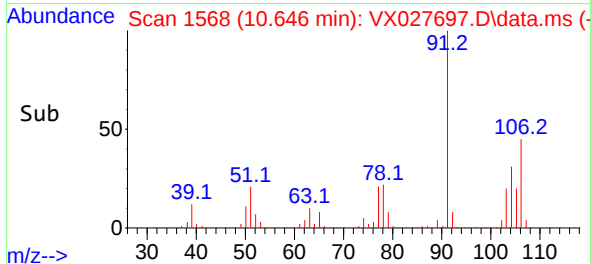
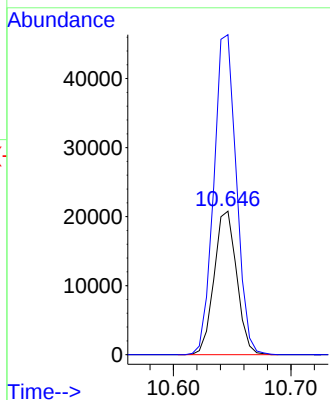
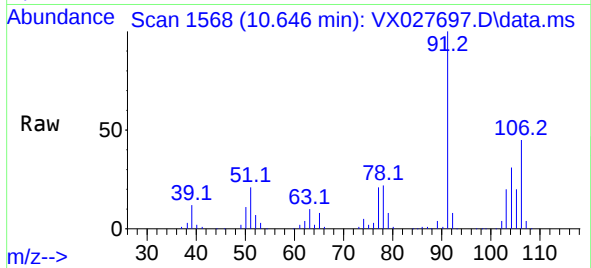
#69
o-Xylene
Concen: 23.093 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 2778
Ion Ratio Lower Upper
106 100
91 223.0 106.1 318.1

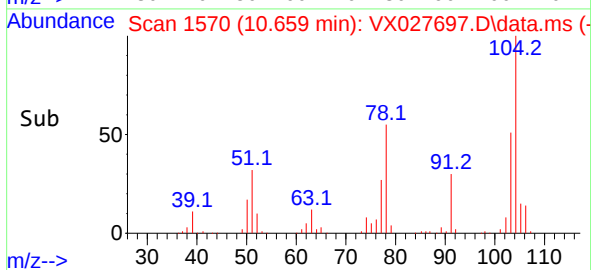
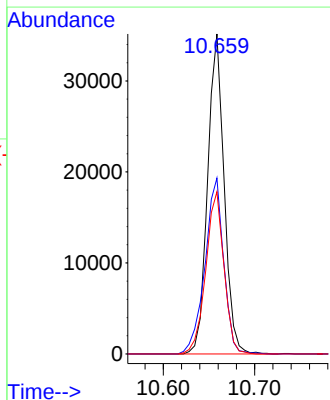
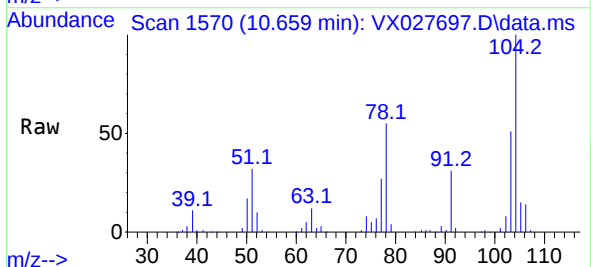
Manual Integrations
APPROVED

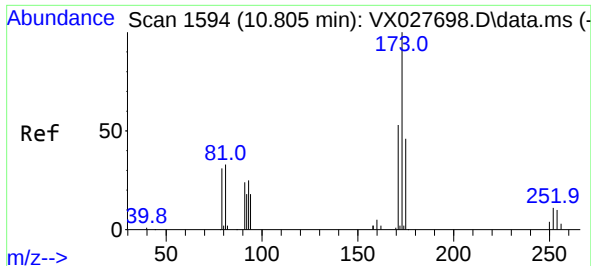
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 22.405 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

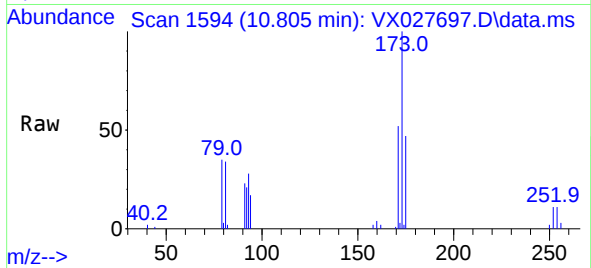
Tgt Ion:104 Resp: 44040
Ion Ratio Lower Upper
104 100
78 62.6 38.6 57.8#
103 55.8 43.8 65.8





#71
Bromoform
Concen: 17.638 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

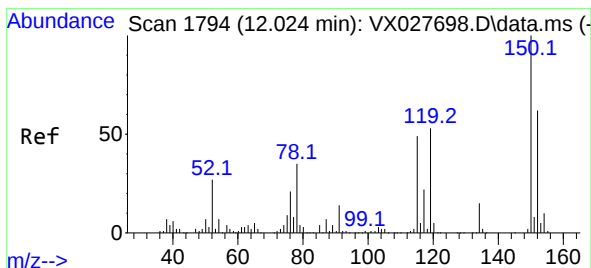
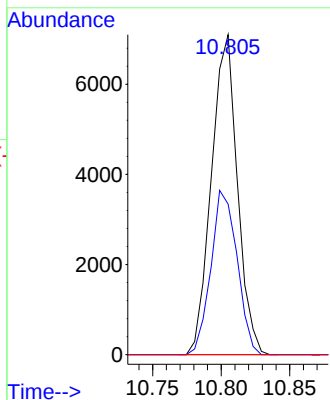
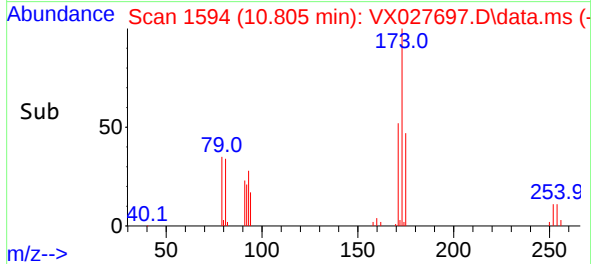
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 9364
Ion Ratio Lower Upper
173 100
175 51.7 24.1 72.2
254 0.0 0.1 0.1

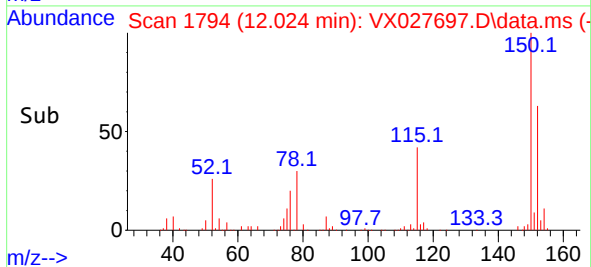
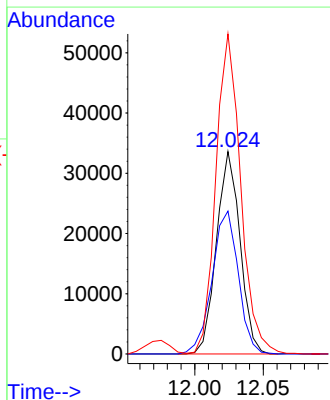
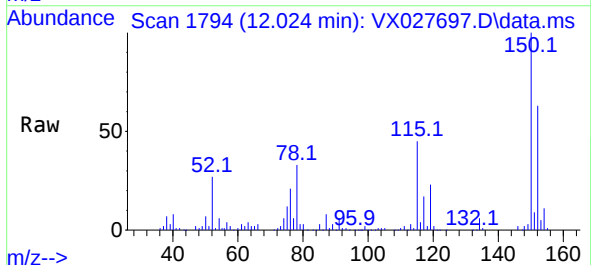
Manual Integrations
APPROVED

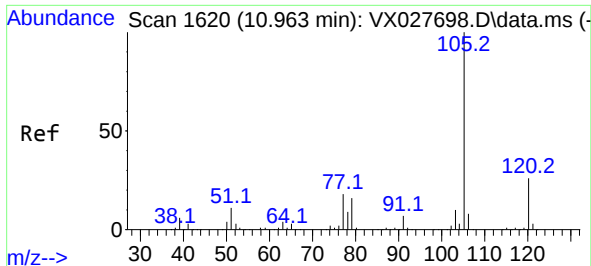
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion:152 Resp: 40086
Ion Ratio Lower Upper
152 100
115 78.9 37.5 112.7
150 166.9 0.0 338.2





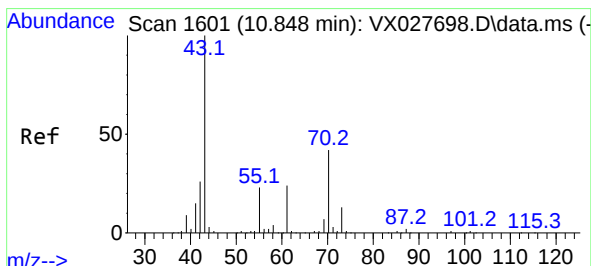
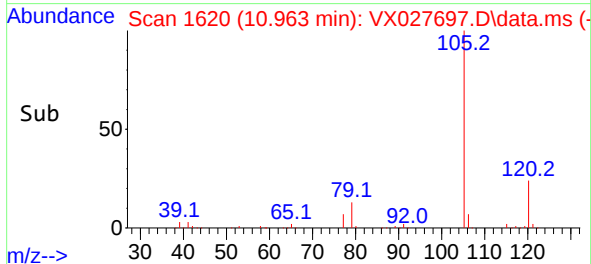
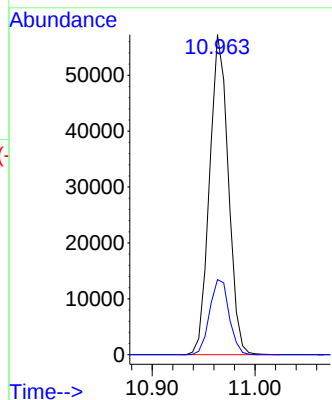
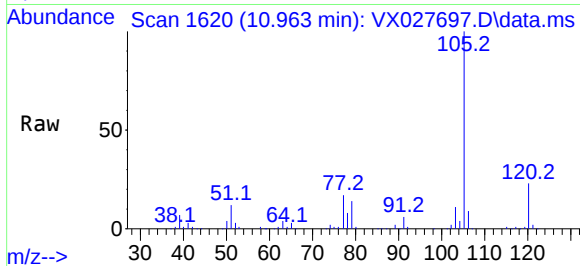
#73
Isopropylbenzene
Concen: 24.559 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 7259
Ion Ratio Lower Upper
105 100
120 24.3 13.5 40.5

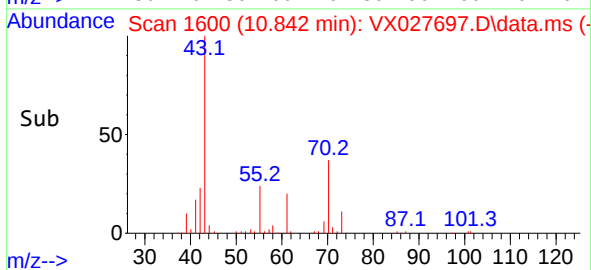
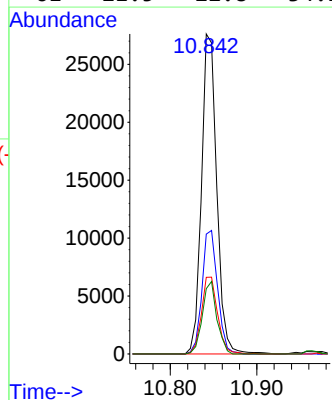
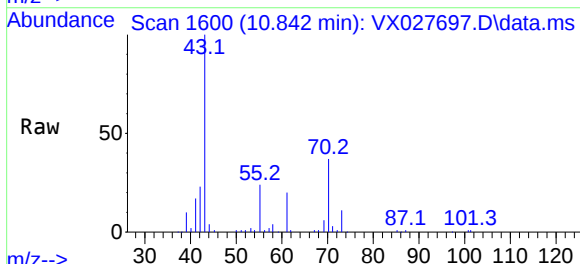
Manual Integrations
APPROVED

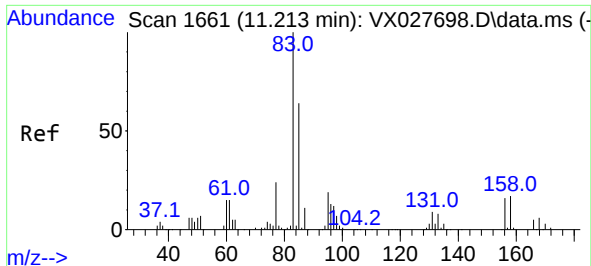
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 30.315 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

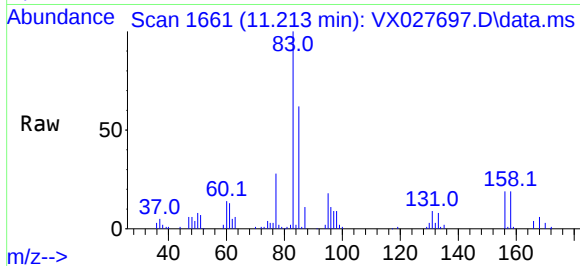
Tgt Ion: 43 Resp: 33820
Ion Ratio Lower Upper
43 100
70 39.2 42.5 63.7#
55 25.4 23.1 34.7
61 21.5 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 26.298 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

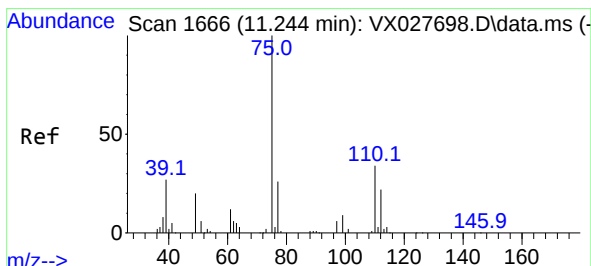
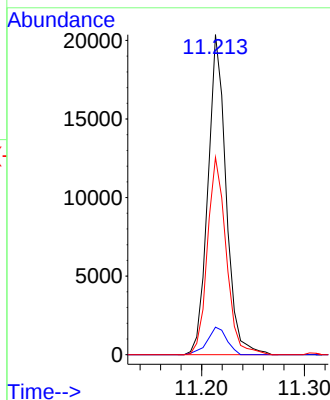
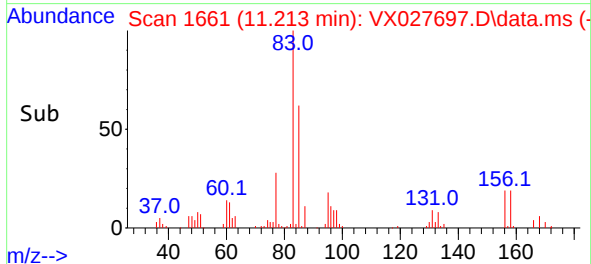
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



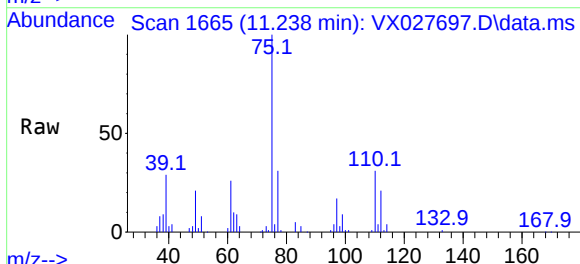
Tgt Ion: 83 Resp: 25040
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.7 32.6 97.7

Manual Integrations
APPROVED

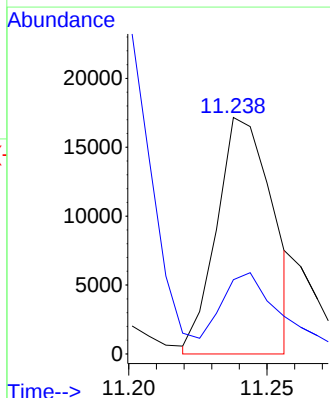
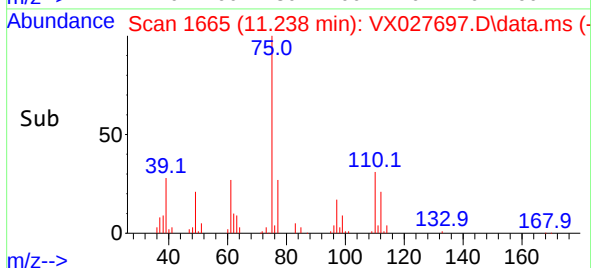
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

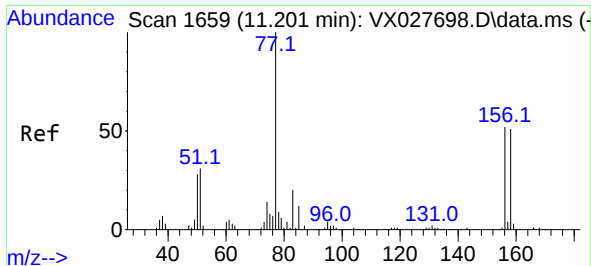


#76
1,2,3-Trichloropropane
Concen: 27.528 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion: 75 Resp: 24032
Ion Ratio Lower Upper
75 100
77 37.9 19.4 58.2





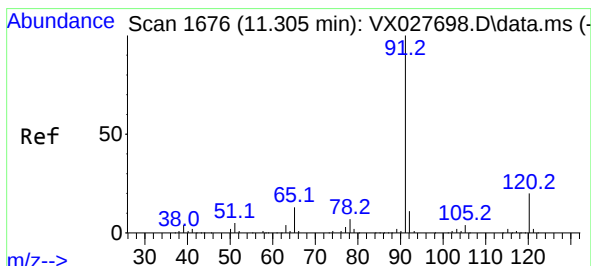
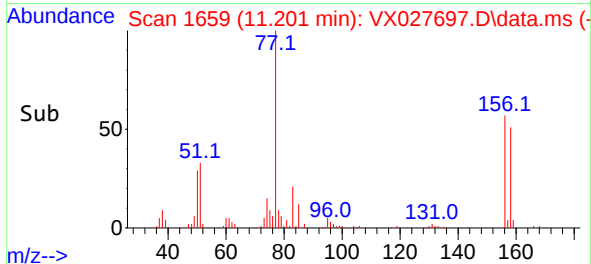
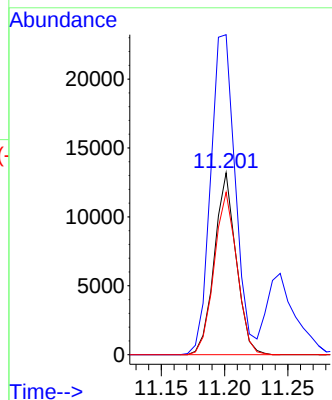
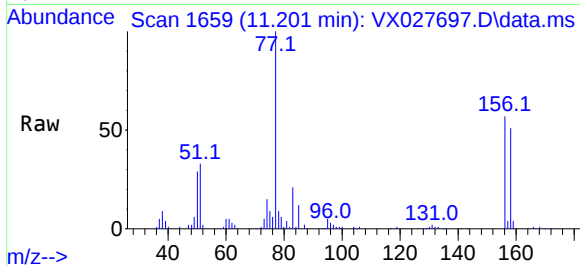
#77
Bromobenzene
Concen: 21.866 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 15759
Ion Ratio Lower Upper
156 100
77 200.5 78.5 235.3
158 93.7 50.2 150.7

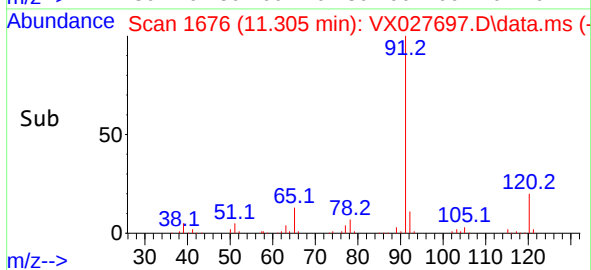
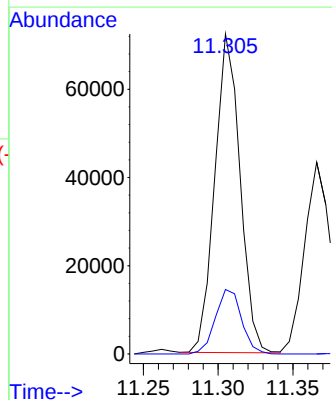
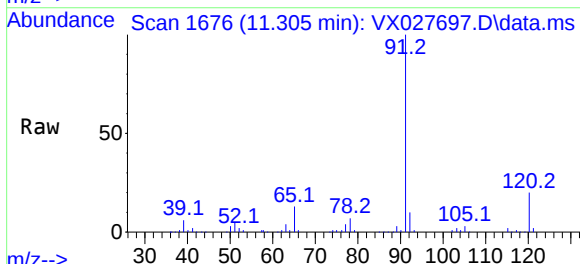
Manual Integrations
APPROVED

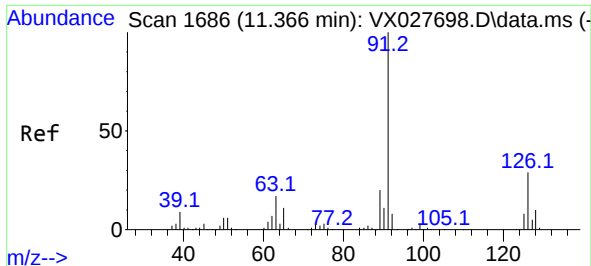
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#78
n-propylbenzene
Concen: 25.794 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Tgt Ion: 91 Resp: 84806
Ion Ratio Lower Upper
91 100
120 21.0 11.6 34.8





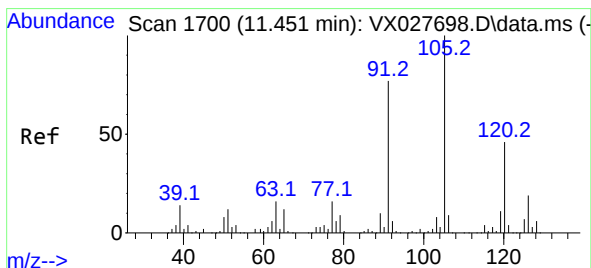
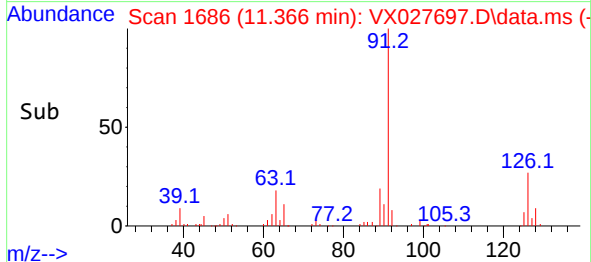
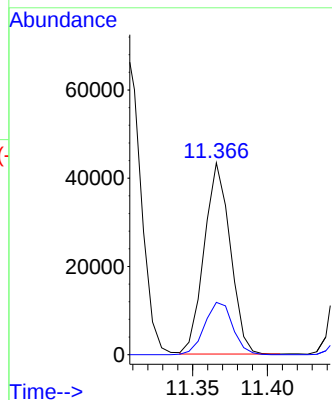
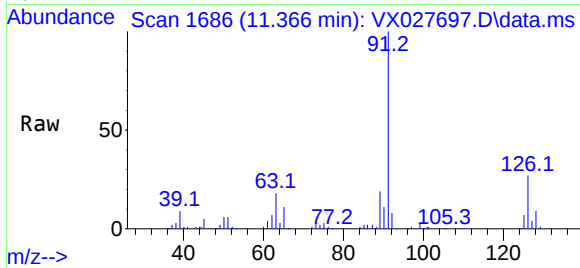
#79
2-Chlorotoluene
Concen: 25.576 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 5259
Ion Ratio Lower Upper
91 100
126 29.5 17.3 51.9

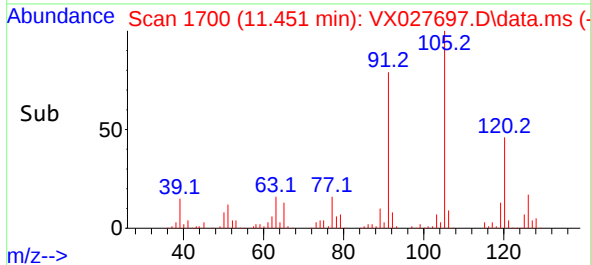
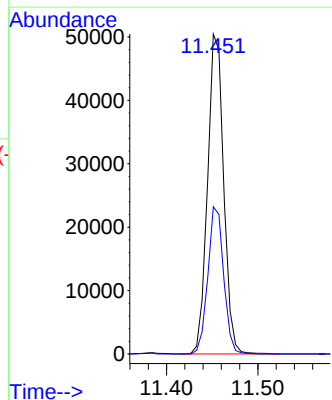
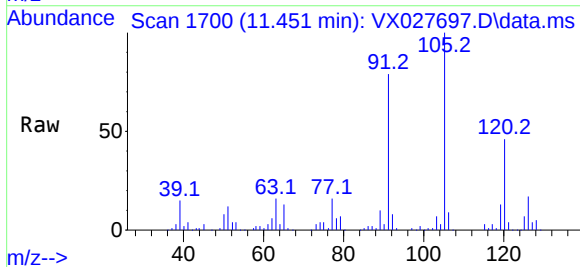
Manual Integrations
APPROVED

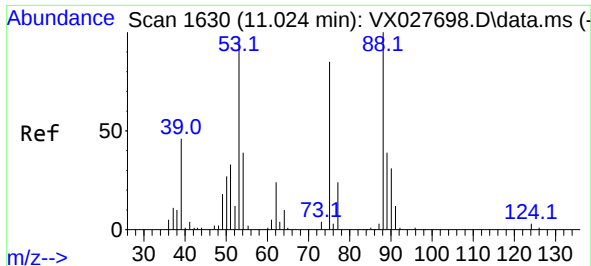
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 24.750 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

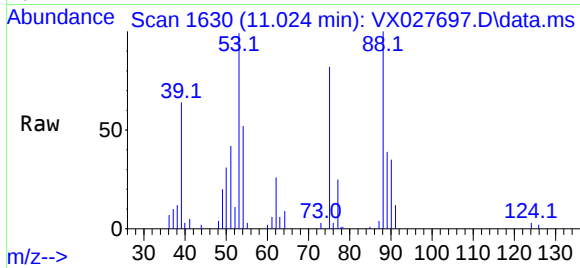
Tgt Ion:105 Resp: 61640
Ion Ratio Lower Upper
105 100
120 45.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 22.942 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

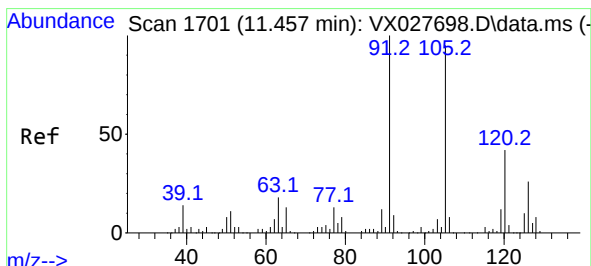
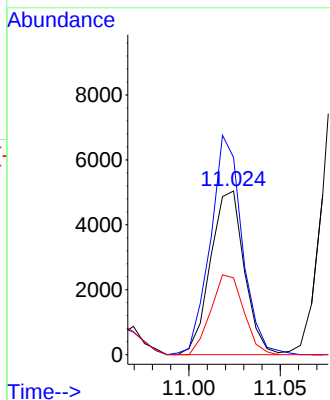
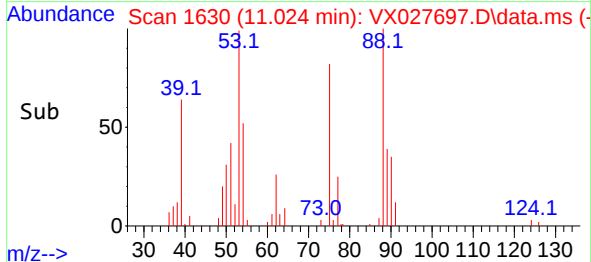
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



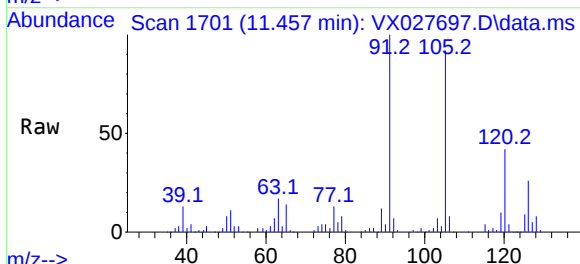
Tgt Ion: 75 Resp: 6499
Ion Ratio Lower Upper
75 100
53 125.9 69.0 103.4
89 47.3 37.0 55.6

Manual Integrations
APPROVED

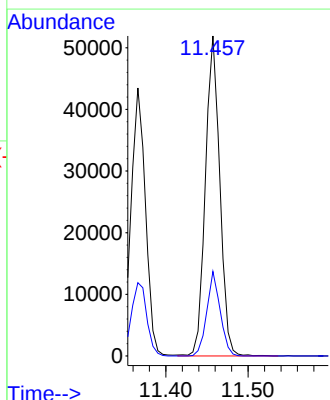
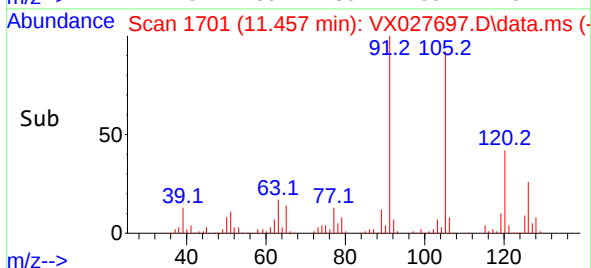
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

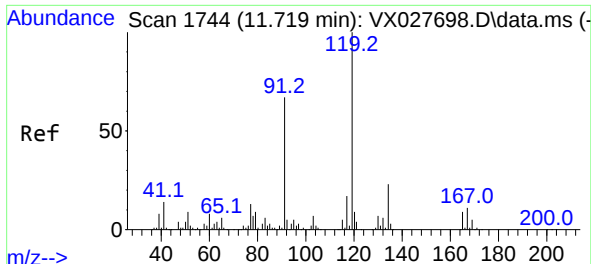


#82
4-Chlorotoluene
Concen: 26.875 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



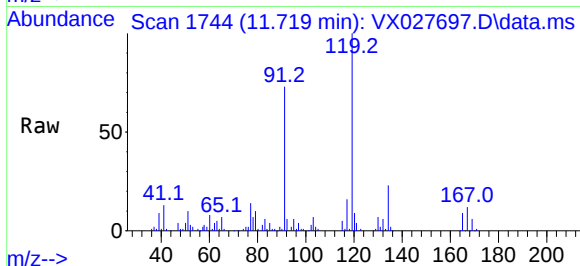
Tgt Ion: 91 Resp: 63163
Ion Ratio Lower Upper
91 100
126 24.5 14.9 44.5





#83
tert-Butylbenzene
Concen: 23.029 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

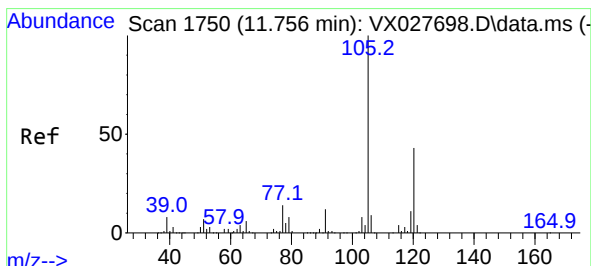
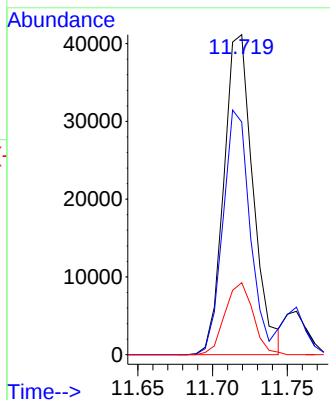
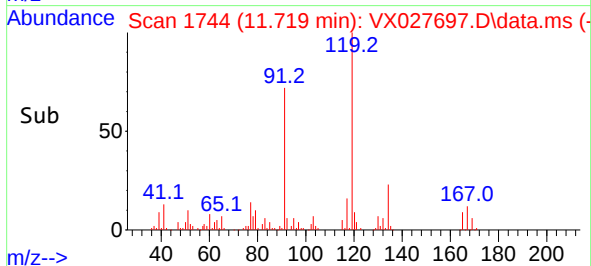
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



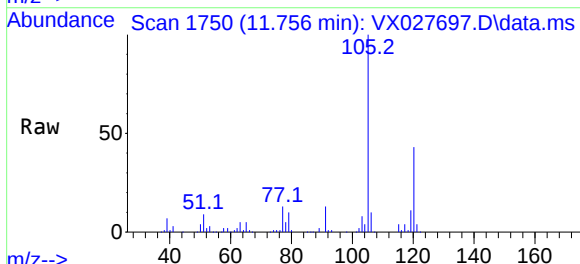
Tgt Ion:119 Resp: 5605
Ion Ratio Lower Upper
119 100
91 70.4 26.9 80.6
134 21.6 11.4 34.2

Manual Integrations
APPROVED

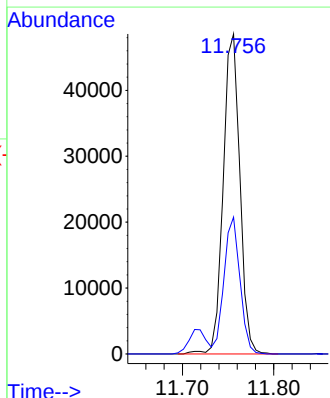
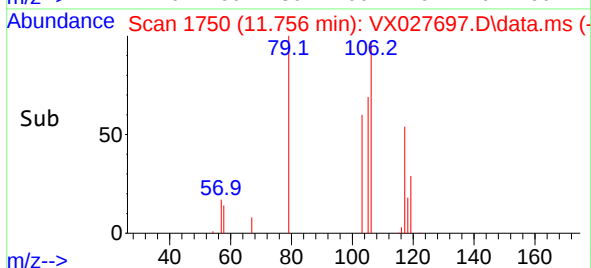
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

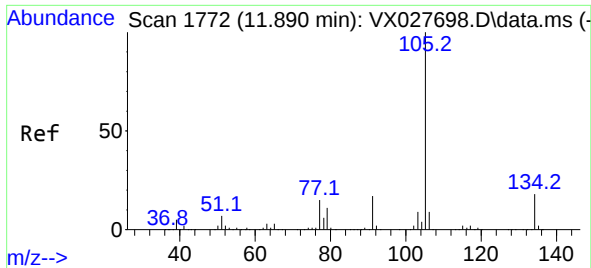


#84
1,2,4-Trimethylbenzene
Concen: 24.741 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



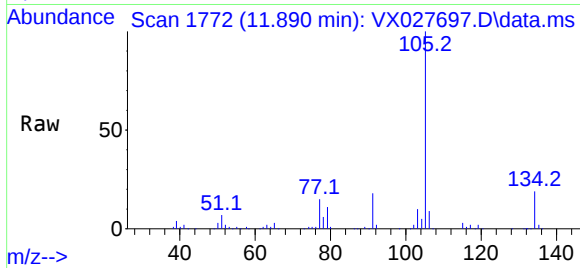
Tgt Ion:105 Resp: 61572
Ion Ratio Lower Upper
105 100
120 41.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 24.087 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027697.D
 Acq: 25 Mar 2022 12:54

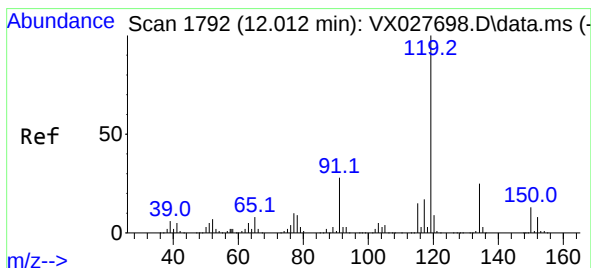
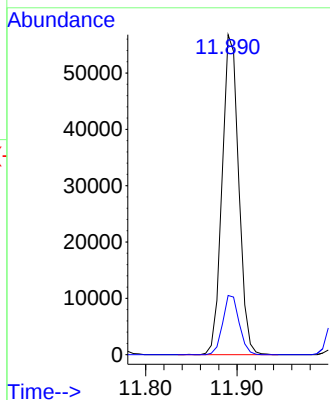
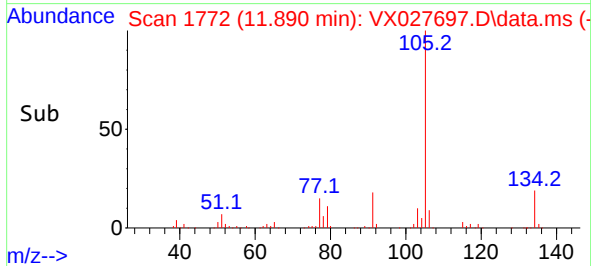
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



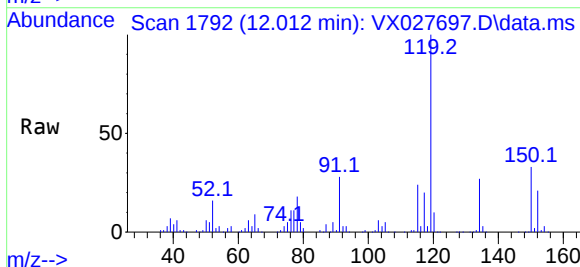
Tgt Ion:105 Resp: 71700
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.2 30.4

Manual Integrations
 APPROVED

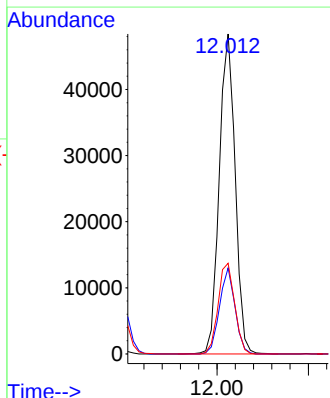
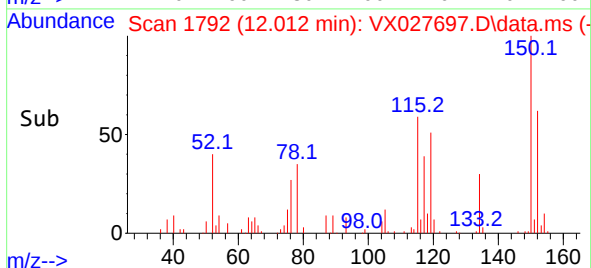
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

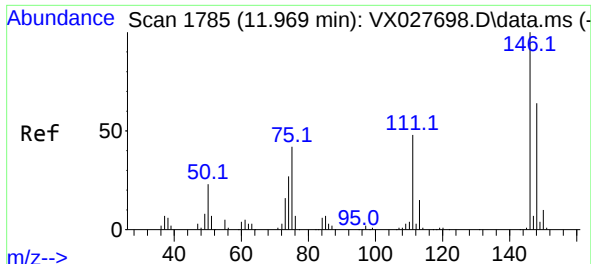


#86
 p-Isopropyltoluene
 Concen: 23.113 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027697.D
 Acq: 25 Mar 2022 12:54



Tgt Ion:119 Resp: 58500
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 29.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 21.623 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 29098

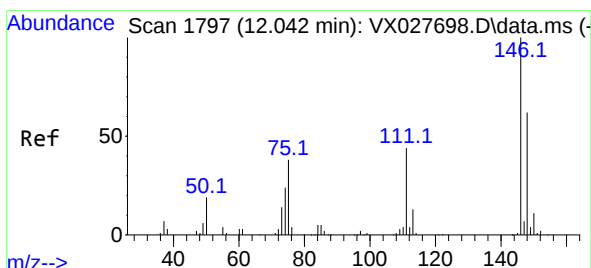
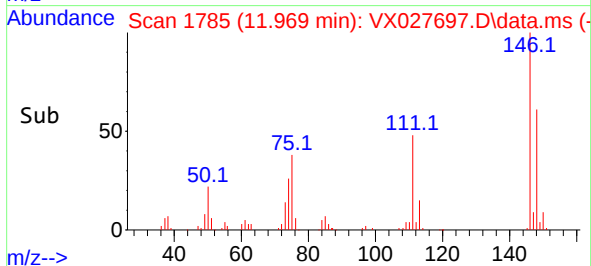
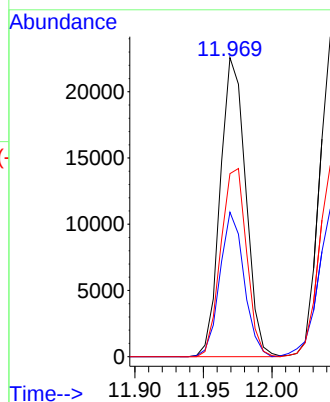
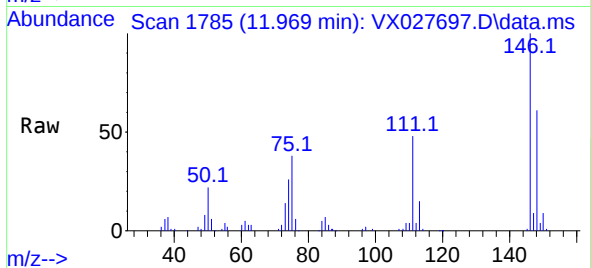
Ion	Ratio	Lower	Upper
146	100		
111	46.0	19.7	59.1
148	63.8	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#88

1,4-Dichlorobenzene

Concen: 21.334 ug/l

RT: 12.043 min Scan# 1797

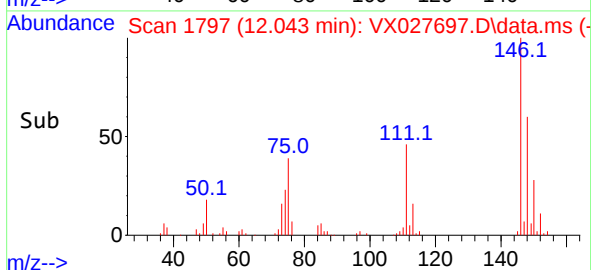
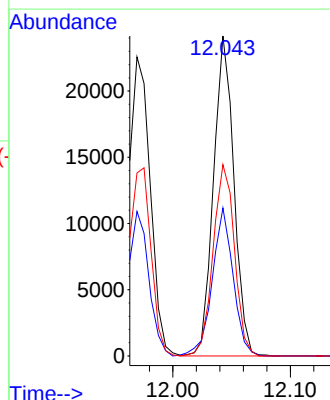
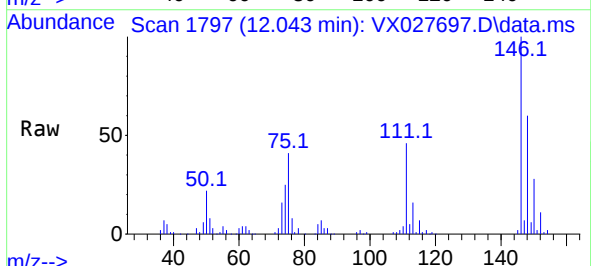
Delta R.T. 0.000 min

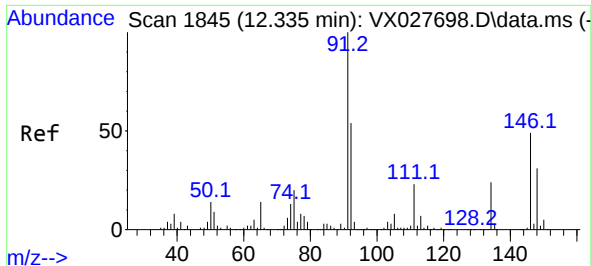
Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Tgt Ion:146 Resp: 29092

Ion	Ratio	Lower	Upper
146	100		
111	47.3	19.2	57.6
148	62.8	32.3	96.9





#89

n-Butylbenzene

Concen: 24.419 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 5248

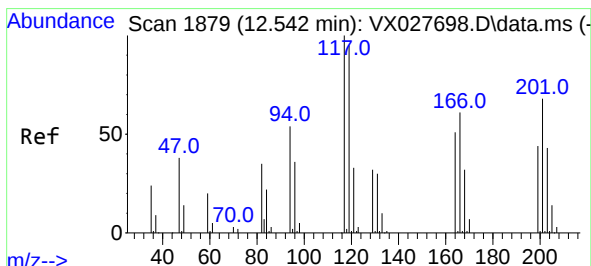
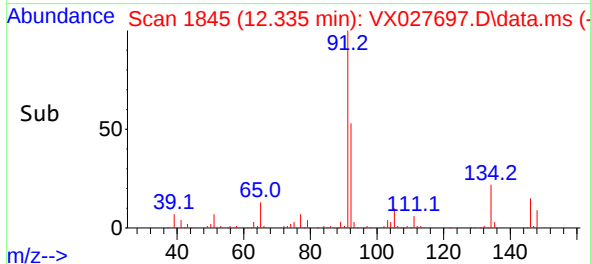
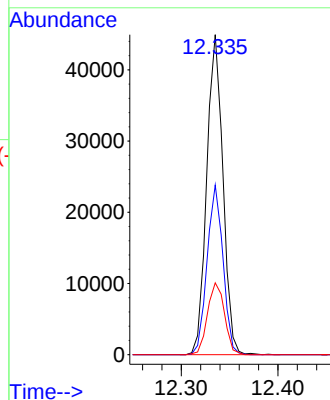
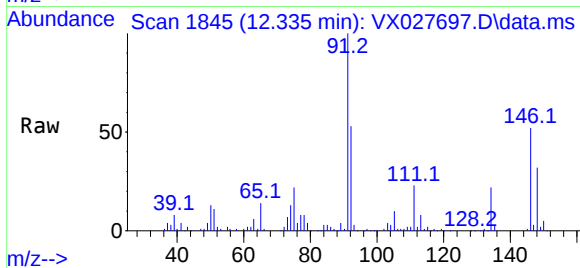
Ion	Ratio	Lower	Upper
91	100		
92	51.9	27.8	83.3
134	23.6	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#90

Hexachloroethane

Concen: 20.509 ug/l

RT: 12.542 min Scan# 1879

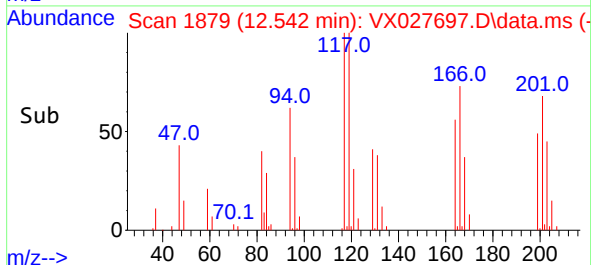
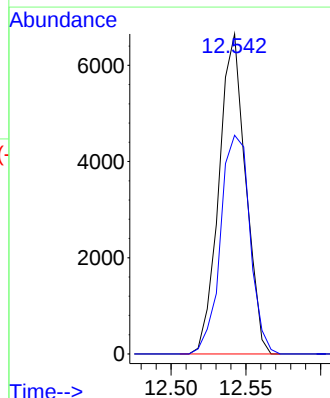
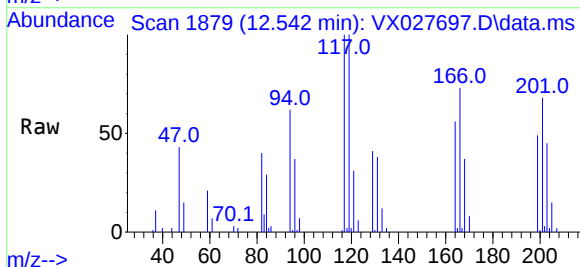
Delta R.T. 0.000 min

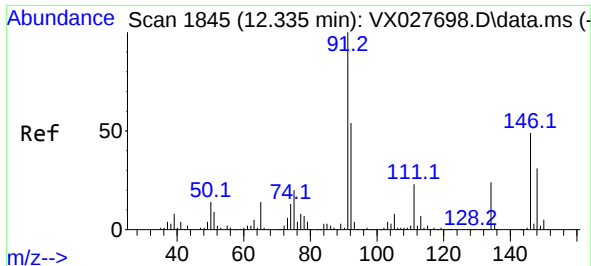
Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Tgt Ion:117 Resp: 8237

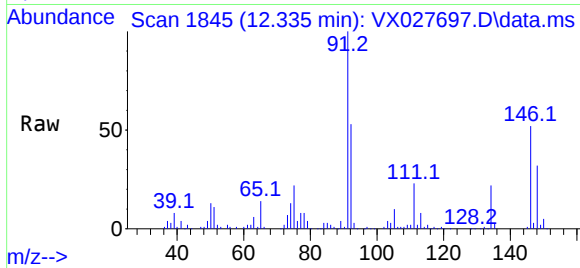
Ion	Ratio	Lower	Upper
117	100		
201	75.5	39.5	118.5





#91
1,2-Dichlorobenzene
Concen: 22.090 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

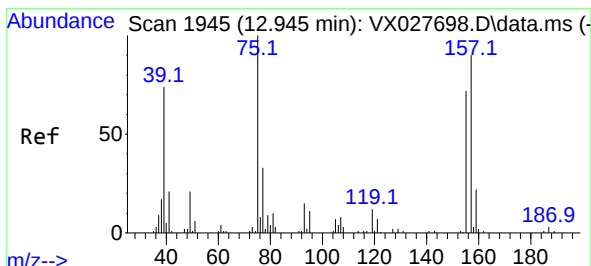
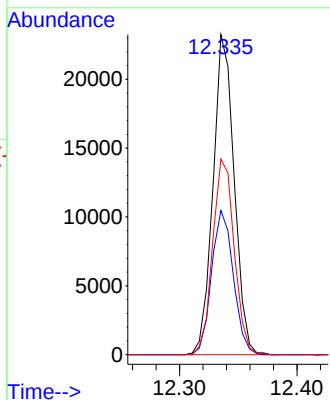
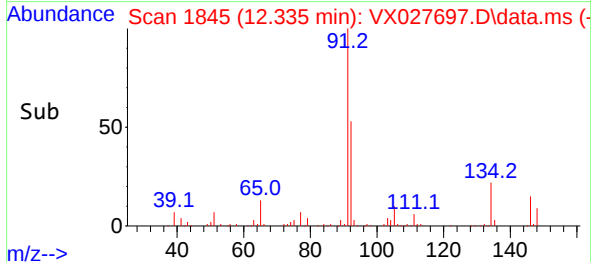
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



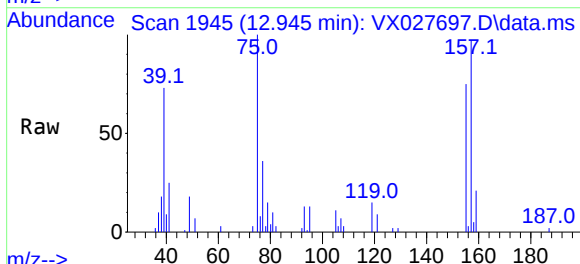
Tgt Ion:146 Resp: 29110
Ion Ratio Lower Upper
146 100
111 46.3 21.0 63.0
148 62.4 32.6 97.7

Manual Integrations
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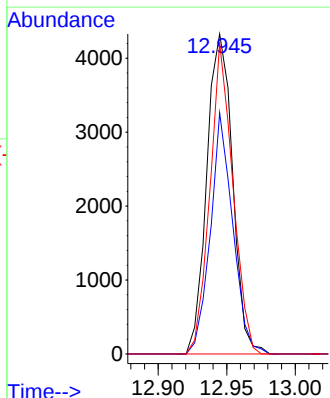
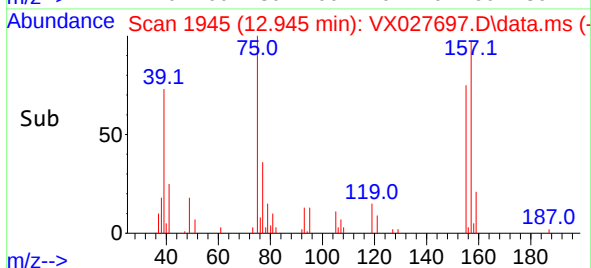
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

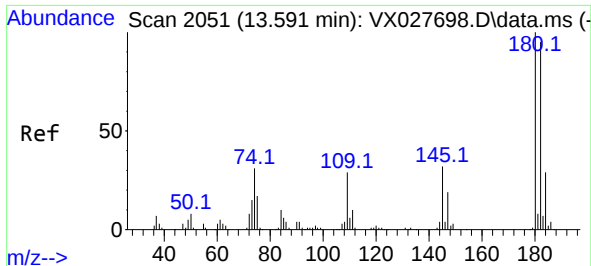


#92
1,2-Dibromo-3-Chloropropane
Concen: 25.685 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion: 75 Resp: 5653
Ion Ratio Lower Upper
75 100
155 65.6 47.0 141.2
157 86.8 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 19.680 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 1667

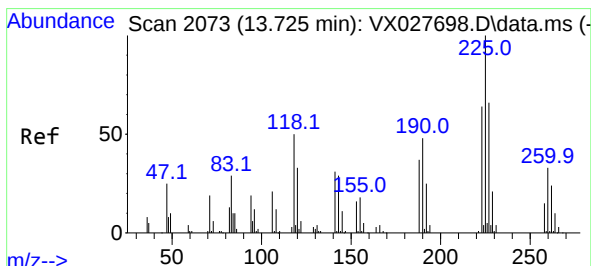
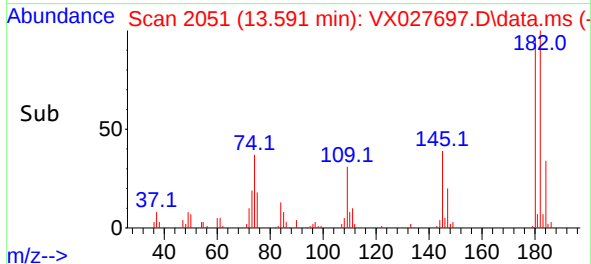
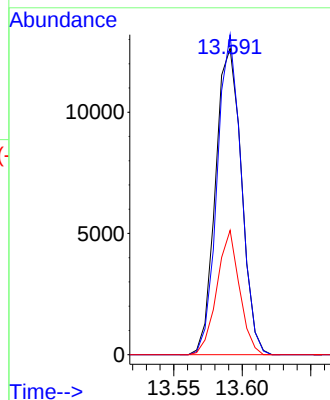
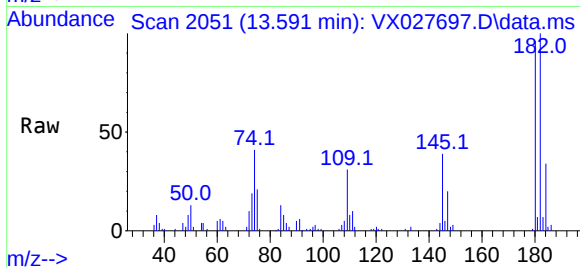
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	35.2	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#94

Hexachlorobutadiene

Concen: 19.938 ug/l

RT: 13.725 min Scan# 2073

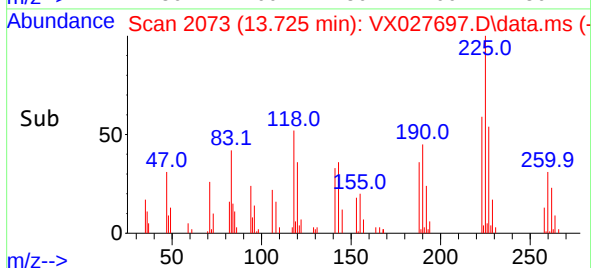
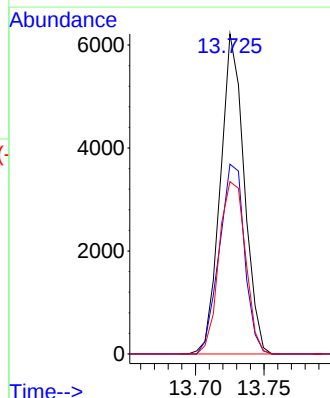
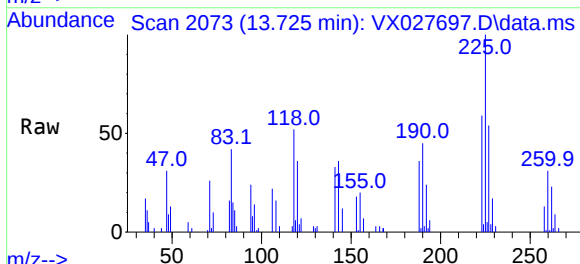
Delta R.T. 0.000 min

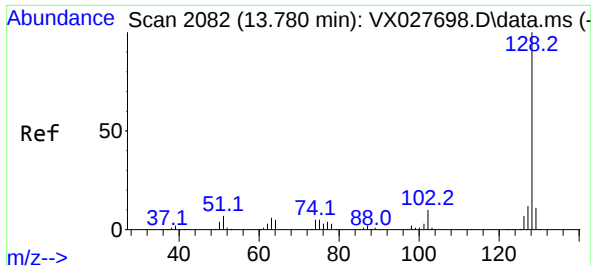
Lab File: VX027697.D

Acq: 25 Mar 2022 12:54

Tgt Ion:225 Resp: 7508

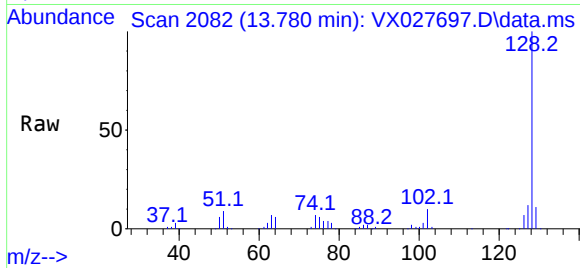
Ion	Ratio	Lower	Upper
225	100		
223	62.8	34.2	102.5
227	59.6	33.9	101.7





#95
Naphthalene
Concen: 21.526 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54

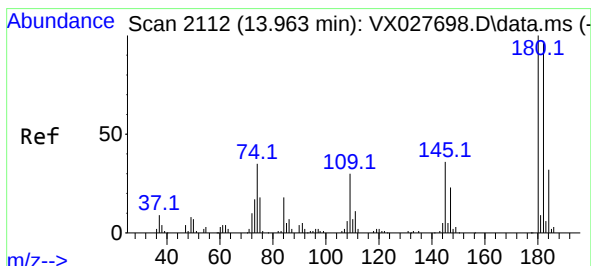
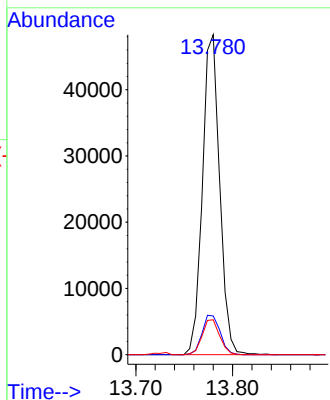
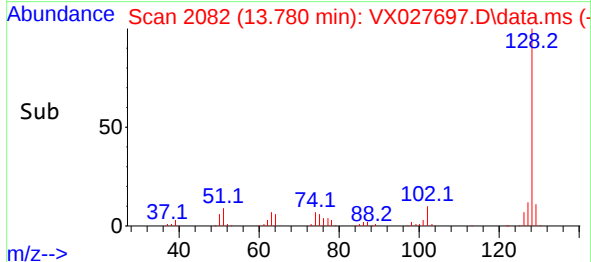
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



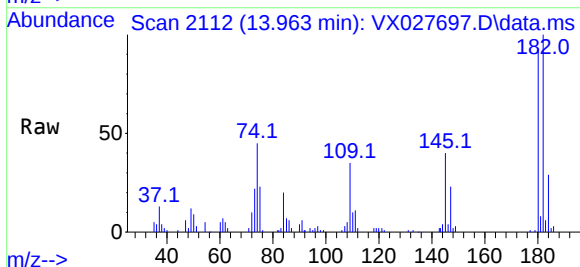
Tgt Ion:128 Resp: 59949
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.063 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027697.D
Acq: 25 Mar 2022 12:54



Tgt Ion:180 Resp: 15421
Ion Ratio Lower Upper
180 100
182 102.2 50.0 149.8
145 39.9 16.2 48.5

