

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027696.D
 Acq On : 25 Mar 2022 12:31
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 13:58:46 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63014	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	110891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95170	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	6207	7.810	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	15.620%#
35) Dibromofluoromethane	5.391	113	3825	5.577	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	11.160%#
50) Toluene-d8	8.653	98	13634	5.250	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.500%#
62) 4-Bromofluorobenzene	11.085	95	5423	5.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	11.100%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	3418	5.456	ug/l	99
3) Chloromethane	1.295	50	4034	7.177	ug/l	98
4) Vinyl Chloride	1.374	62	3584	5.680	ug/l #	74
5) Bromomethane	1.599	94	1715	5.215	ug/l	85
6) Chloroethane	1.679	64	2407	6.307	ug/l #	83
7) Trichlorofluoromethane	1.880	101	5552	5.468	ug/l	95
8) Diethyl Ether	2.136	74	2120	5.634	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	3559	5.802	ug/l	96
10) Methyl Iodide	2.453	142	2604	3.351	ug/l	90
11) Tert butyl alcohol	2.971	59	4445	28.729	ug/l	98
12) 1,1-Dichloroethene	2.319	96	3654	6.192	ug/l	96
13) Acrolein	2.239	56	3921	33.932	ug/l	100
14) Allyl chloride	2.666	41	6373	6.570	ug/l #	86
15) Acrylonitrile	3.063	53	11641	32.643	ug/l	97
16) Acetone	2.386	43	11925	36.412	ug/l #	86
17) Carbon Disulfide	2.508	76	9112	6.034	ug/l #	95
18) Methyl Acetate	2.709	43	5876	7.179	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	12486	6.118	ug/l	94
20) Methylene Chloride	2.794	84	4010	5.772	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	3705	5.879	ug/l	96
22) Diisopropyl ether	3.764	45	13945	7.429	ug/l #	80
23) Vinyl Acetate	3.727	43	56412	34.364	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	7412	6.548	ug/l	98
25) 2-Butanone	4.562	43	20037	40.027	ug/l	89
26) 2,2-Dichloropropane	4.471	77	5631	6.269	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	4349	5.953	ug/l	80
28) Bromochloromethane	4.910	49	3183	7.029	ug/l #	76
29) Tetrahydrofuran	5.019	42	12482	39.968	ug/l #	82
30) Chloroform	5.099	83	8471	6.982	ug/l	88
31) Cyclohexane	5.471	56	6865	6.924	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	6764	6.175	ug/l	94
36) 1,1-Dichloropropene	5.702	75	6401	6.544	ug/l #	80
37) Ethyl Acetate	4.727	43	7569	7.507	ug/l #	90
38) Carbon Tetrachloride	5.678	117	6009	5.505	ug/l	93
39) Methylcyclohexane	7.385	83	6847	5.568	ug/l #	88
40) Benzene	6.044	78	16701	5.907	ug/l	98

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 Data File : VX027696.D
 Acq On : 25 Mar 2022 12:31
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

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

Quant Time: Mar 25 13:58:46 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	3905m	7.091	ug/l	
42) 1,2-Dichloroethane	6.092	62	7369	6.784	ug/l	91
43) Isopropyl Acetate	6.348	43	10674	6.506	ug/l #	90
44) Trichloroethene	7.129	130	4182	5.048	ug/l	99
45) 1,2-Dichloropropane	7.434	63	4230	5.839	ug/l	100
46) Dibromomethane	7.586	93	3310	6.038	ug/l #	80
47) Bromodichloromethane	7.824	83	5857	5.644	ug/l	97
48) Methyl methacrylate	7.696	41	4859	5.995	ug/l	86
49) 1,4-Dioxane	7.665	88	2116	108.433	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	34949	33.457	ug/l	90
52) Toluene	8.720	92	9822	5.324	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	4746	4.507	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	5716	4.950	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	3861	5.169	ug/l	87
56) Ethyl methacrylate	9.122	69	5576	4.866	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	6957	5.593	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	15814	28.734	ug/l	89
59) 2-Hexanone	9.433	43	24829	30.905	ug/l	85
60) Dibromochloromethane	9.525	129	3629	4.474	ug/l	95
61) 1,2-Dibromoethane	9.616	107	4314	5.262	ug/l	97
64) Tetrachloroethene	9.275	164	3924	5.441	ug/l	89
65) Chlorobenzene	10.080	112	10610	5.491	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.165	131	3412	4.786	ug/l	96
67) Ethyl Benzene	10.195	91	18901	5.596	ug/l	100
68) m/p-Xylenes	10.305	106	13719	10.434	ug/l	87
69) o-Xylene	10.647	106	6969	5.465	ug/l	90
70) Styrene	10.659	104	10215	4.903	ug/l #	86
71) Bromoform	10.799	173	2403	4.270	ug/l #	96
73) Isopropylbenzene	10.964	105	18164	5.867	ug/l	96
74) N-amyl acetate	10.842	43	7970	6.820	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	6563	6.580	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	6311m	6.901	ug/l	
77) Bromobenzene	11.201	156	3971	5.260	ug/l	79
78) n-propylbenzene	11.305	91	20570	5.973	ug/l	96
79) 2-Chlorotoluene	11.366	91	13338	6.192	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	15120	5.796	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.018	75	1339	4.512	ug/l #	53
82) 4-Chlorotoluene	11.457	91	15246	6.193	ug/l	96
83) tert-Butylbenzene	11.713	119	13779	5.404	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	15209	5.834	ug/l	93
85) sec-Butylbenzene	11.890	105	18167	5.826	ug/l	96
86) p-Isopropyltoluene	12.012	119	13664	5.154	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	7636	5.417	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	7680	5.376	ug/l	88
89) n-Butylbenzene	12.335	91	12893	5.727	ug/l	95
90) Hexachloroethane	12.543	117	2026	4.816	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	7067	5.119	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1342	5.821	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	3845	4.333	ug/l	96
94) Hexachlorobutadiene	13.725	225	1812	4.594	ug/l	93
95) Naphthalene	13.780	128	13608	4.665	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	3743	4.185	ug/l	93

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

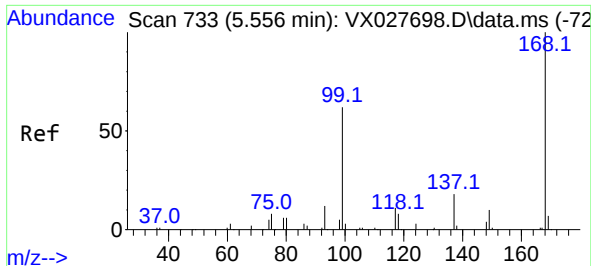
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
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Quant Time: Mar 25 13:58:46 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

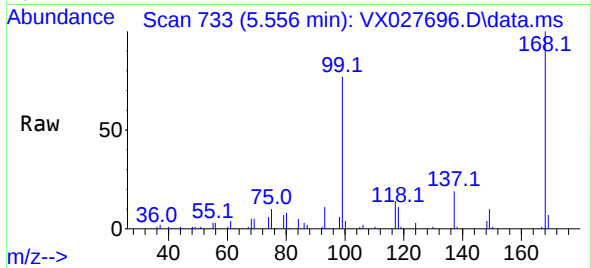
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

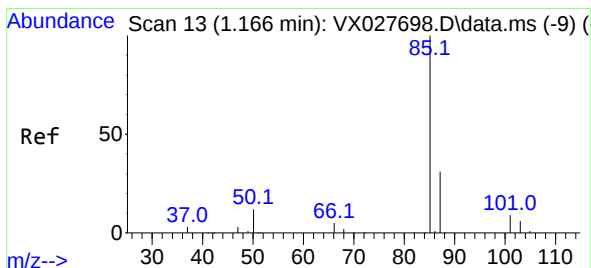
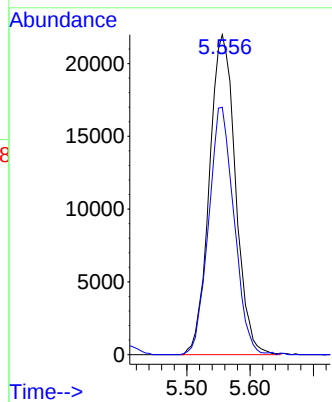
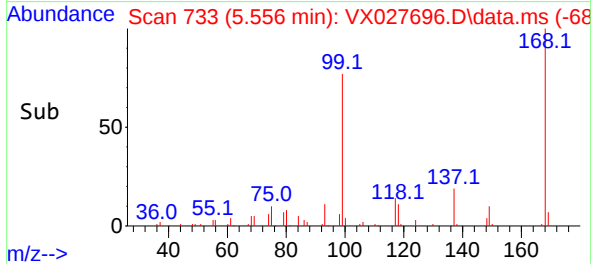
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 63014
Ion Ratio Lower Upper
168 100
99 77.3 41.7 62.5

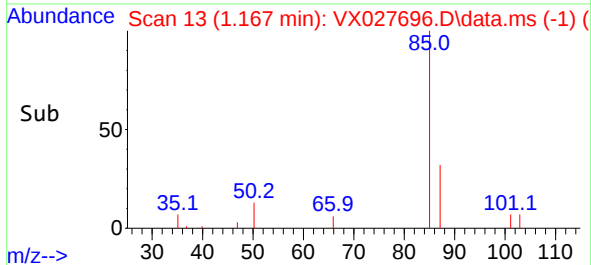
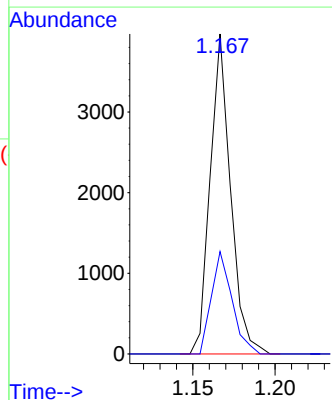
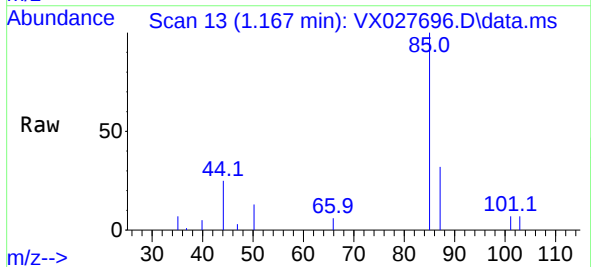
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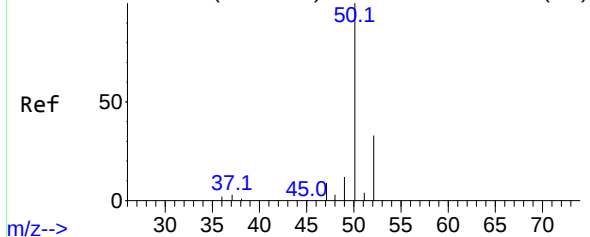


#2
Dichlorodifluoromethane
Concen: 5.456 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Tgt Ion: 85 Resp: 3418
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6



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



#3

Chloromethane

Concen: 7.177 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 4034

Ion Ratio Lower Upper

50 100

52 31.8 26.4 39.6

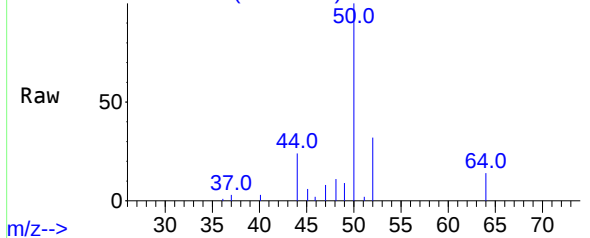
Manual Integrations

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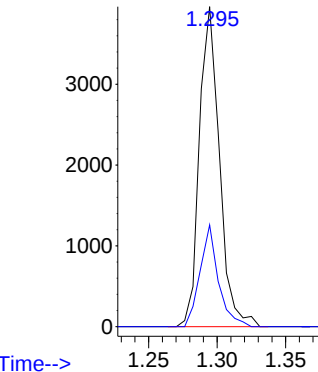
Reviewed By :John Carlone 03/26/2022

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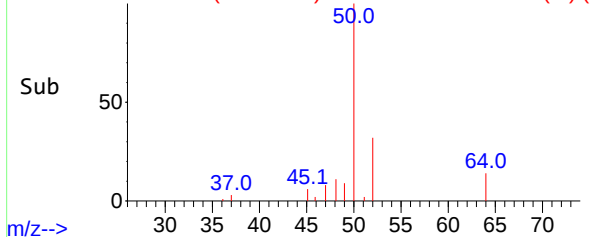
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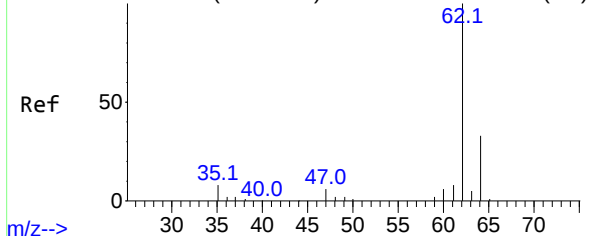
Abundance



Abundance Scan 34 (1.295 min): VX027696.D\data.ms (-1)



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



#4

Vinyl Chloride

Concen: 5.680 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

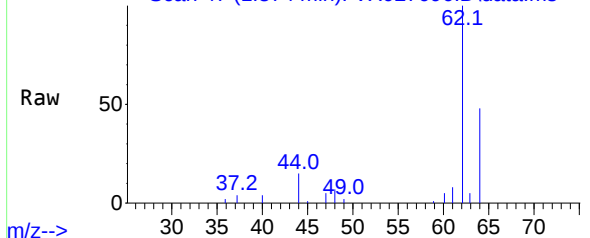
Tgt Ion: 62 Resp: 3584

Ion Ratio Lower Upper

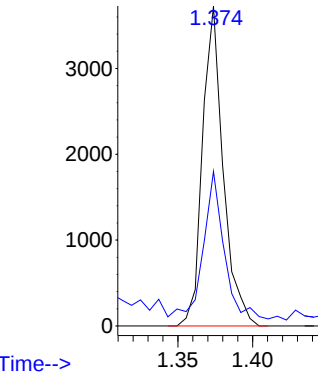
62 100

64 46.1 25.5 38.3#

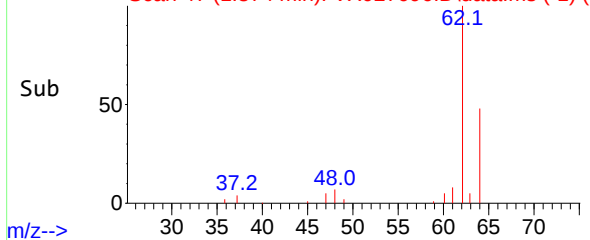
Abundance Scan 47 (1.374 min): VX027696.D\data.ms

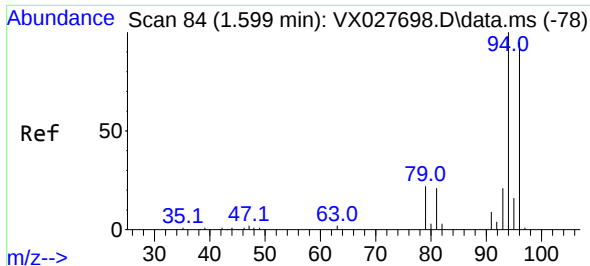


Abundance



Abundance Scan 47 (1.374 min): VX027696.D\data.ms (-1)





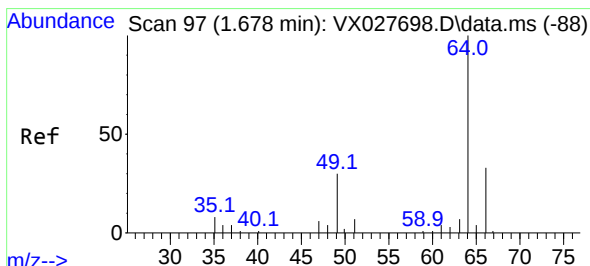
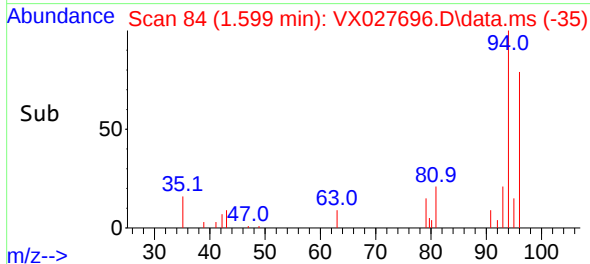
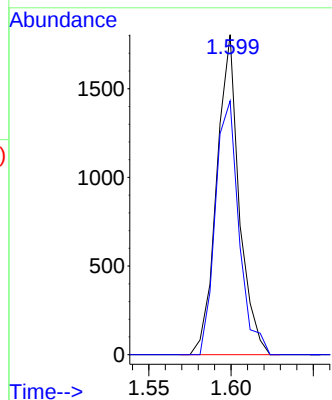
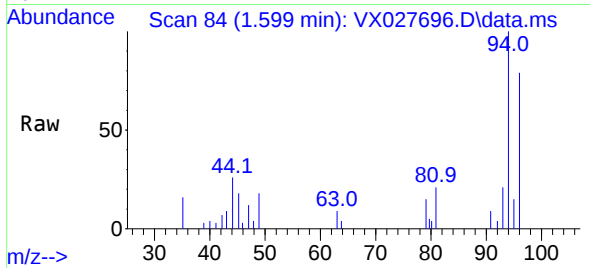
#5
Bromomethane
Concen: 5.215 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 1715
Ion Ratio Lower Upper
94 100
96 79.3 75.3 112.9

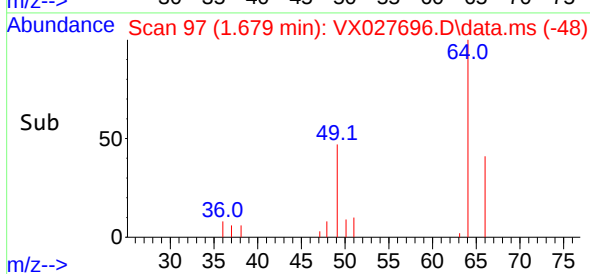
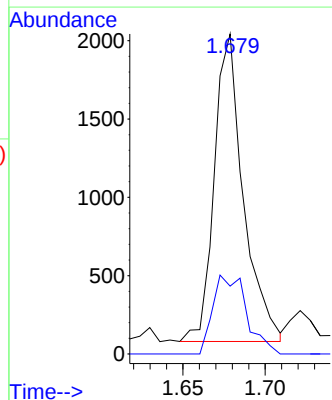
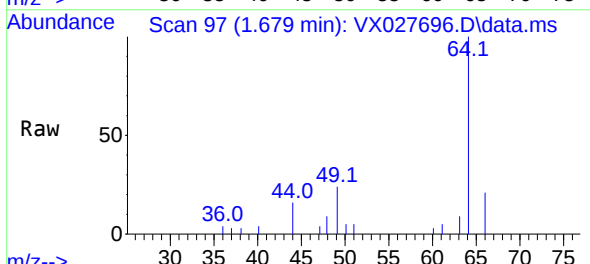
Manual Integrations
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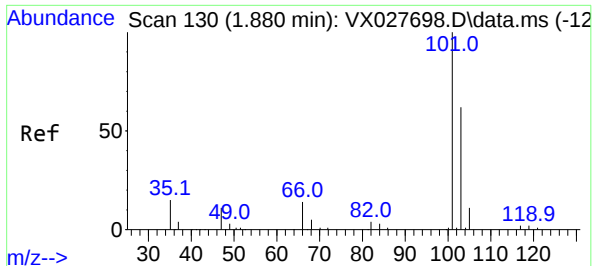
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#6
Chloroethane
Concen: 6.307 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

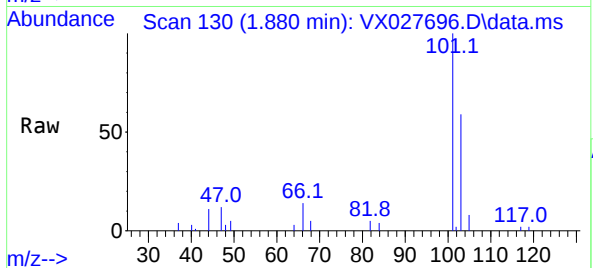
Tgt Ion: 64 Resp: 2407
Ion Ratio Lower Upper
64 100
66 22.1 25.3 37.9





#7
Trichlorofluoromethane
Concen: 5.468 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

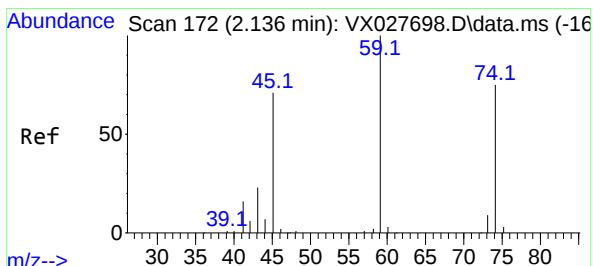
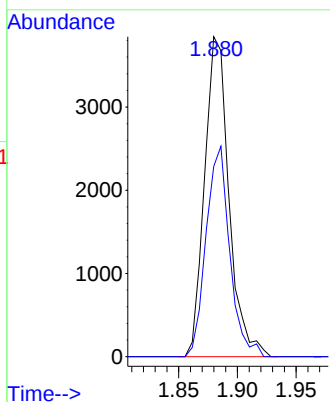
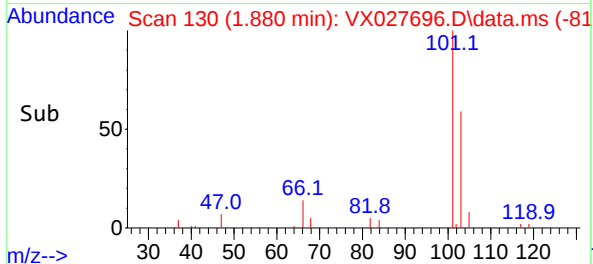
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



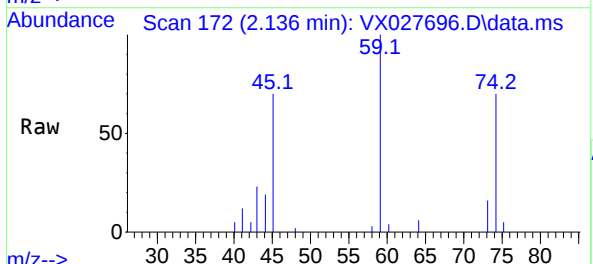
Tgt Ion:101 Resp: 555
Ion Ratio Lower Upper
101 100
103 59.5 50.5 75.7

Manual Integrations
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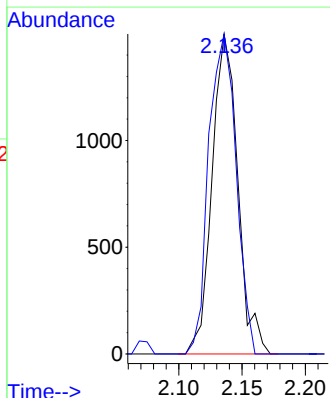
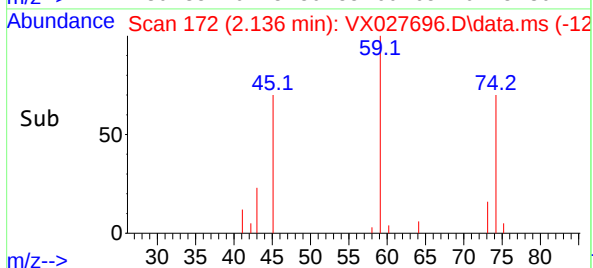
Reviewed By :John Carlone 03/26/2022
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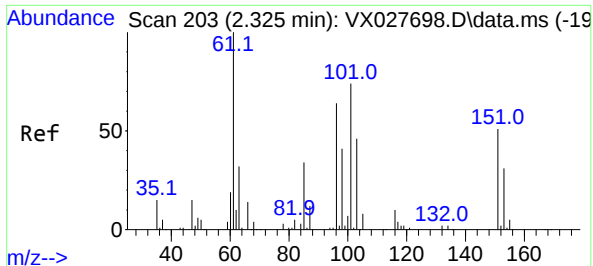


#8
Diethyl Ether
Concen: 5.634 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 74 Resp: 2120
Ion Ratio Lower Upper
74 100
45 106.5 42.0 126.0





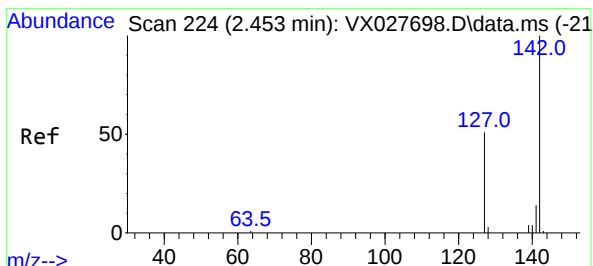
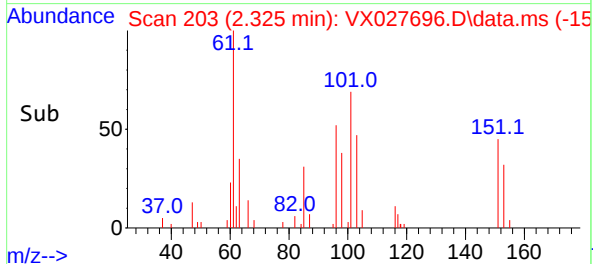
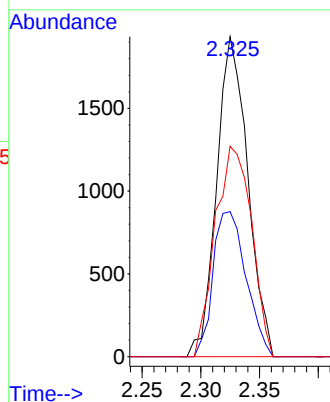
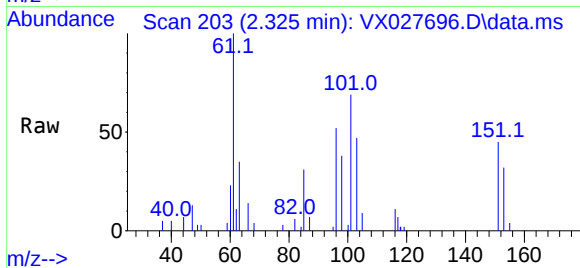
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.802 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC005

Tgt Ion:101 Resp: 3559
Ion Ratio Lower Upper
101 100
85 48.0 33.5 50.3
151 76.9 61.8 92.6

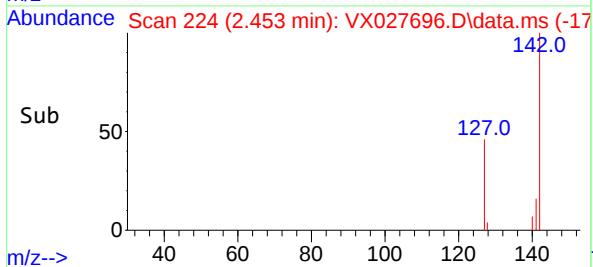
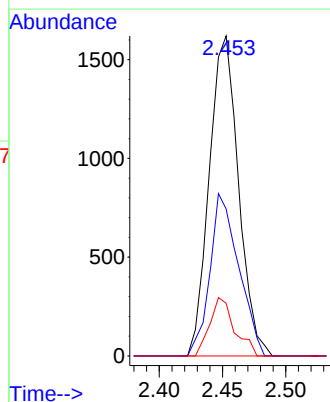
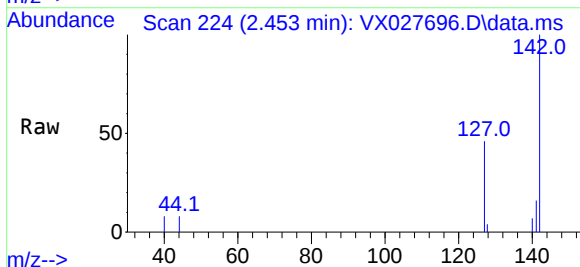
Manual Integrations
APPROVED

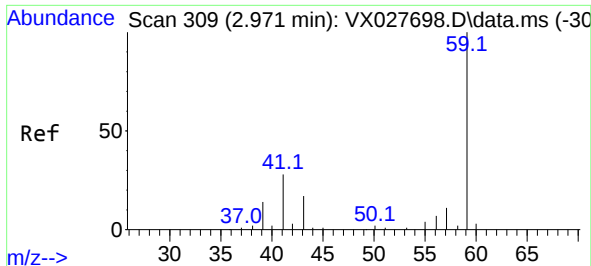
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 3.351 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

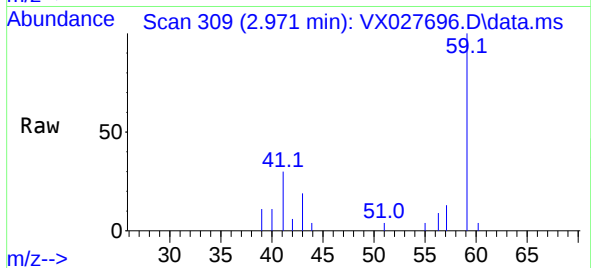
Tgt Ion:142 Resp: 2604
Ion Ratio Lower Upper
142 100
127 49.9 33.9 50.9
141 15.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 28.729 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

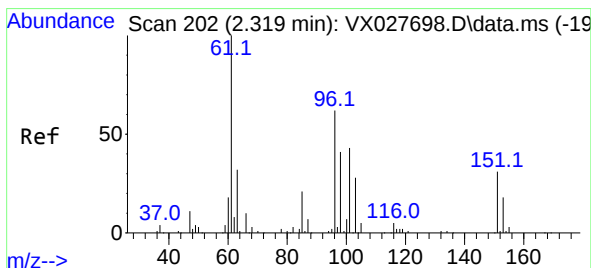
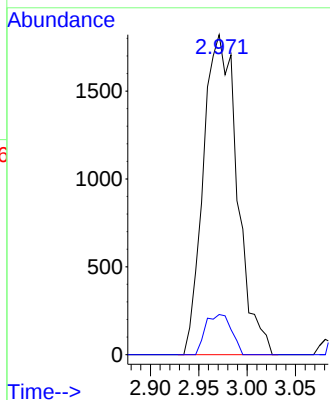
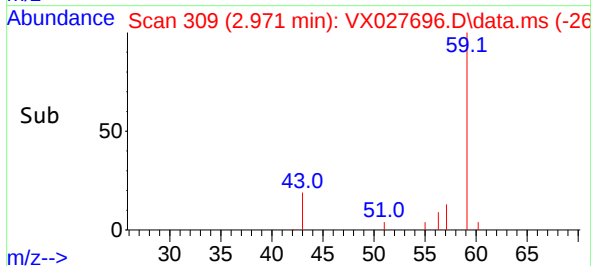
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



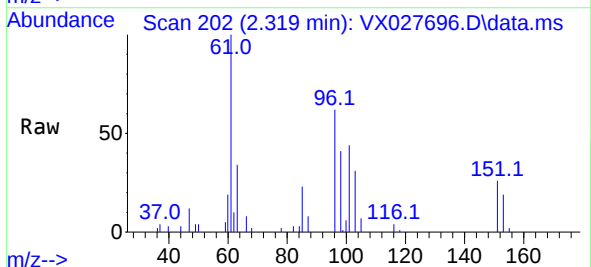
Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

Manual Integrations
APPROVED

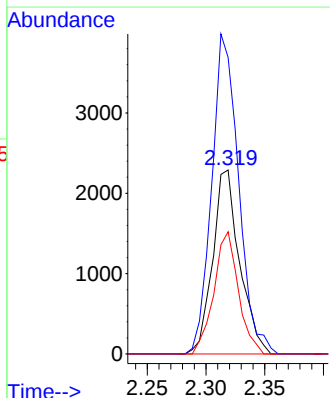
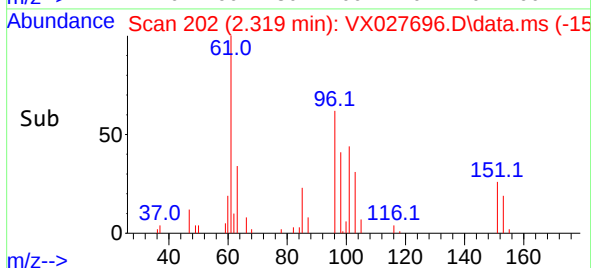
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

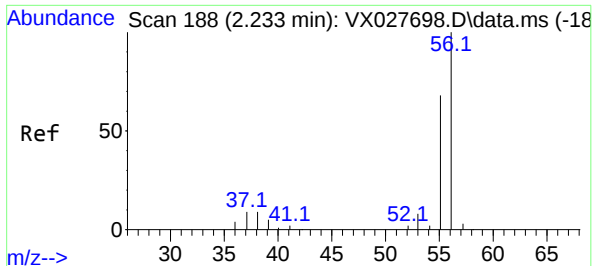


#12
1,1-Dichloroethene
Concen: 6.192 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



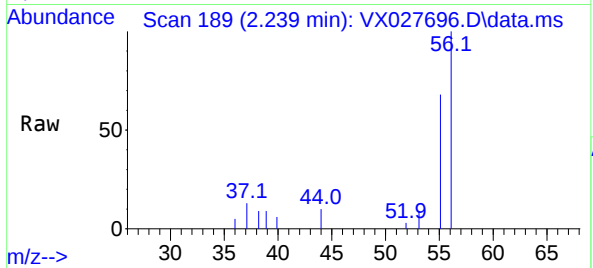
Tgt Ion: 96 Resp: 3654
Ion Ratio Lower Upper
96 100
61 161.1 124.6 187.0
98 66.4 51.0 76.4





#13
Acrolein
Concen: 33.932 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

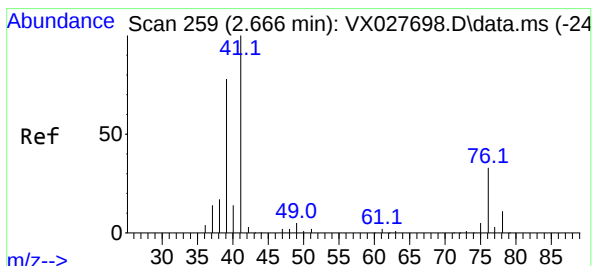
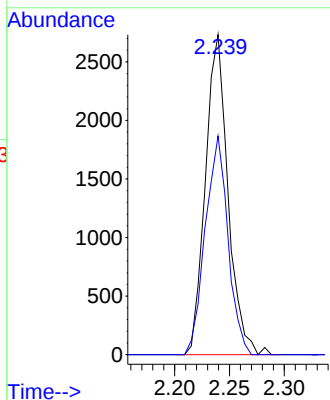
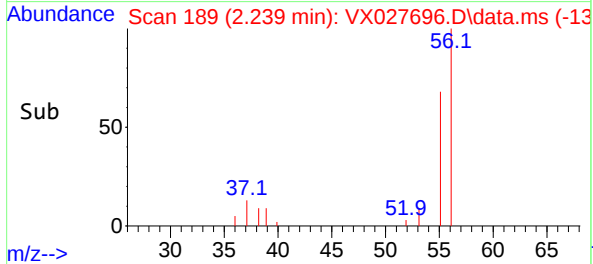
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



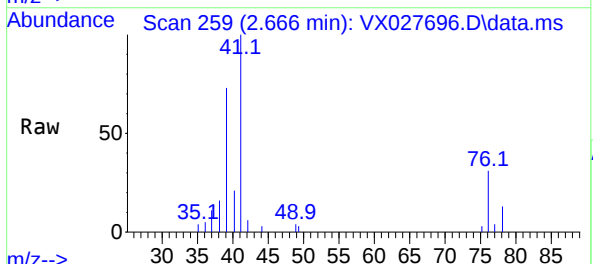
Tgt Ion: 56 Resp: 392
Ion Ratio Lower Upper
56 100
55 68.7 55.0 82.6

Manual Integrations
APPROVED

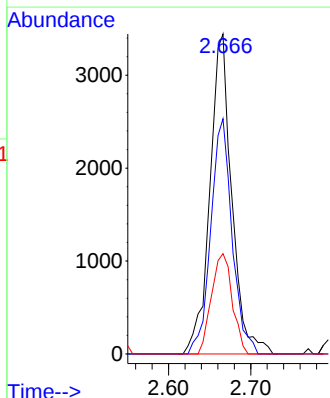
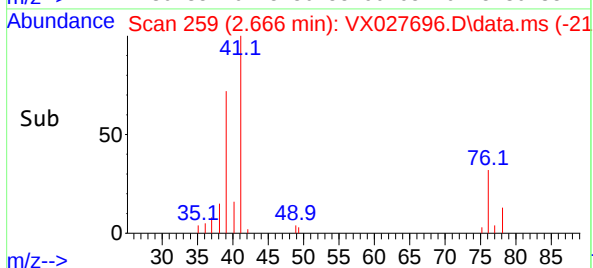
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

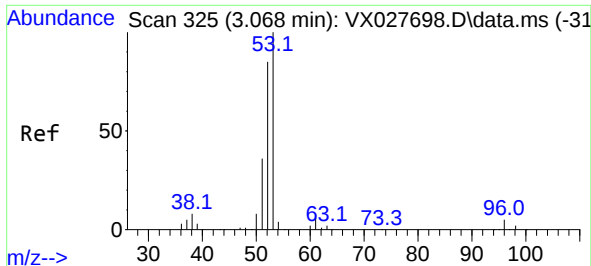


#14
Allyl chloride
Concen: 6.570 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



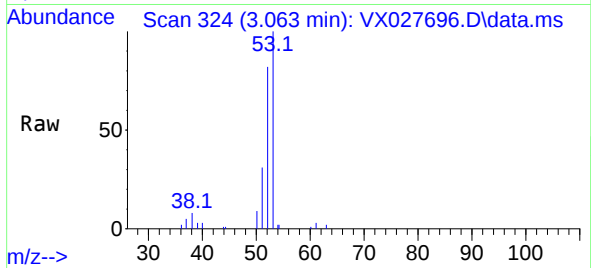
Tgt Ion: 41 Resp: 6373
Ion Ratio Lower Upper
41 100
39 71.4 50.4 75.6
76 29.8 32.7 49.1#





#15
Acrylonitrile
Concen: 32.643 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

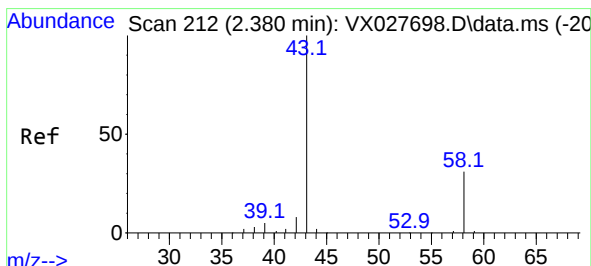
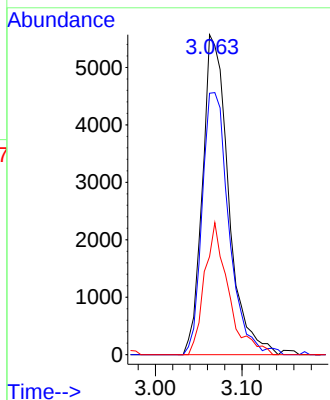
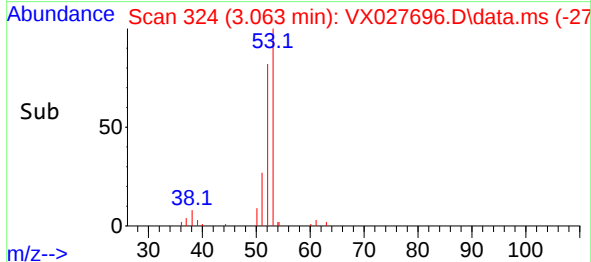
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



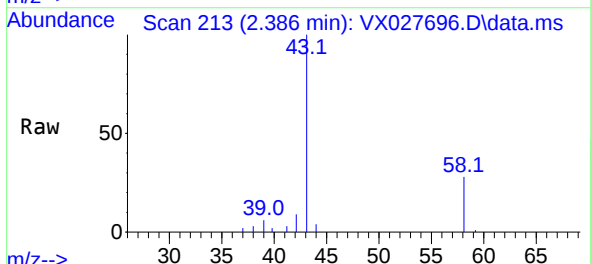
Tgt Ion: 53 Resp: 1164
Ion Ratio Lower Upper
53 100
52 84.2 65.7 98.5
51 37.8 28.4 42.6

Manual Integrations
APPROVED

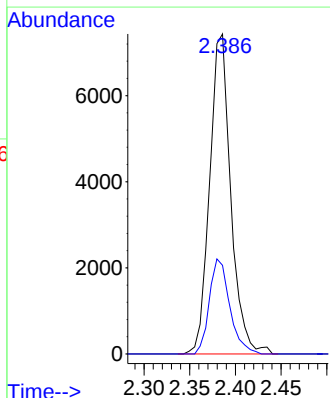
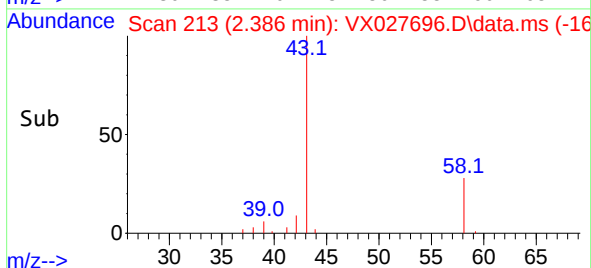
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

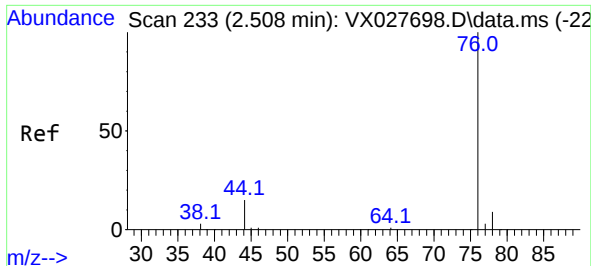


#16
Acetone
Concen: 36.412 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 43 Resp: 11925
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2#





#17

Carbon Disulfide

Concen: 6.034 ug/l

RT: 2.508 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 911

Ion Ratio Lower Upper

76 100

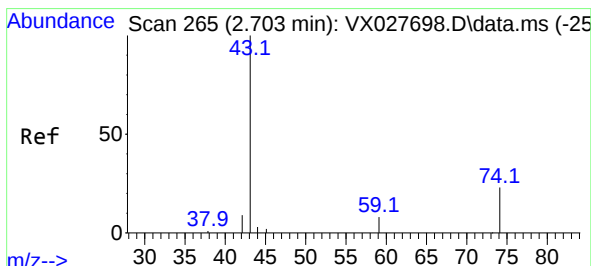
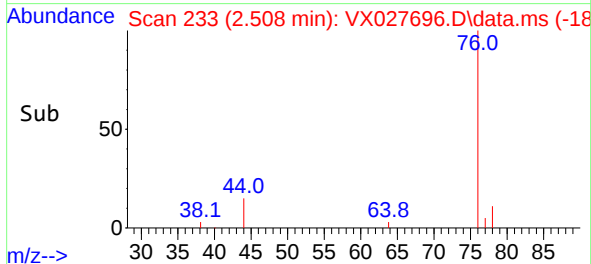
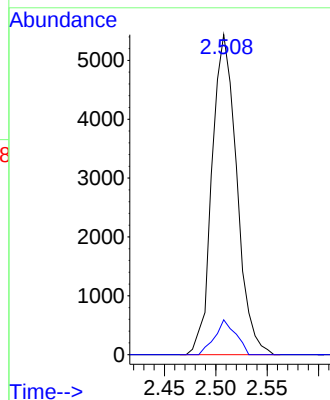
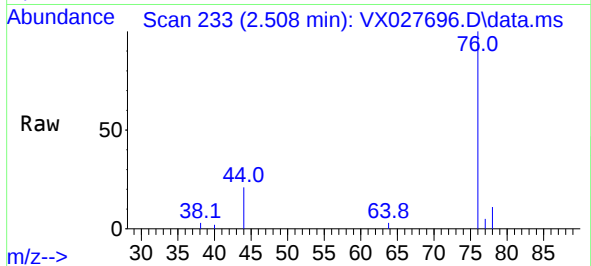
78 10.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#18

Methyl Acetate

Concen: 7.179 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX027696.D

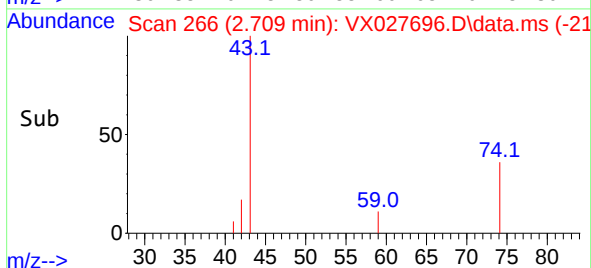
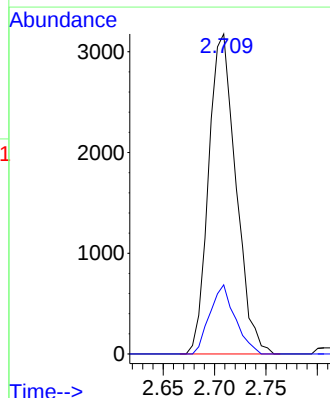
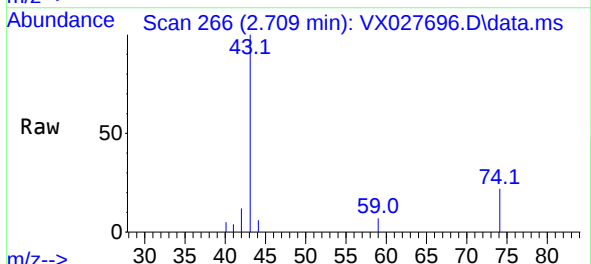
Acq: 25 Mar 2022 12:31

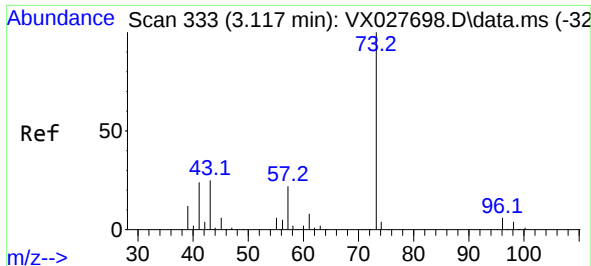
Tgt Ion: 43 Resp: 5876

Ion Ratio Lower Upper

43 100

74 20.0 22.8 34.2





#19

Methyl tert-butyl Ether

Concen: 6.118 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 1248

Ion Ratio Lower Upper

73 100

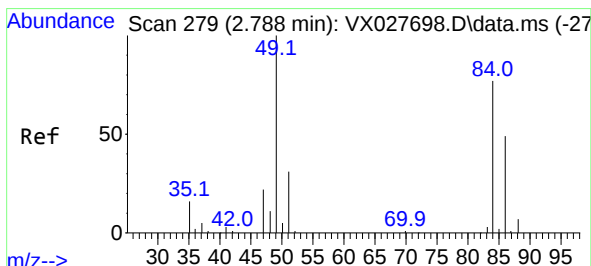
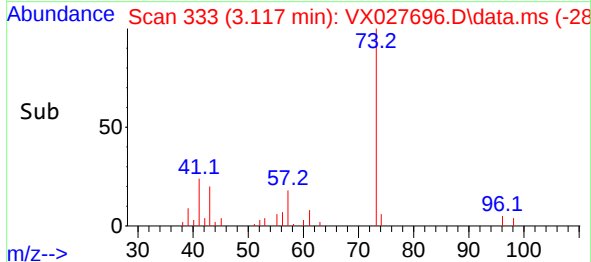
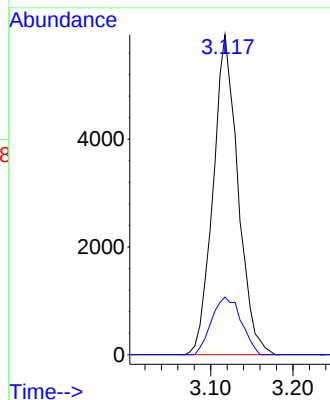
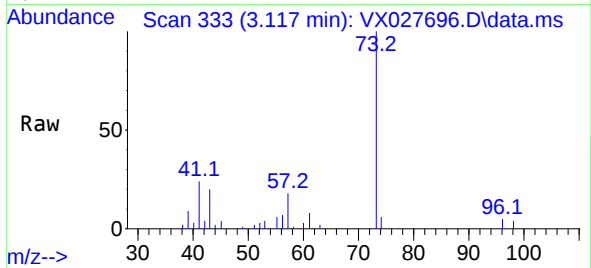
57 18.0 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 5.772 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Tgt Ion: 84 Resp: 4010

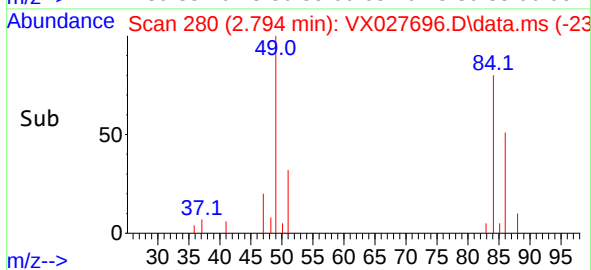
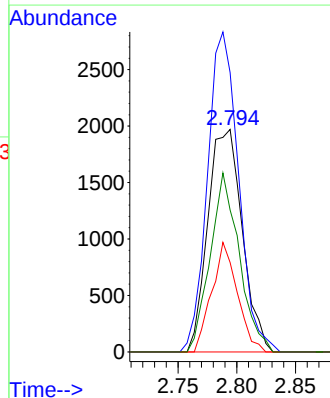
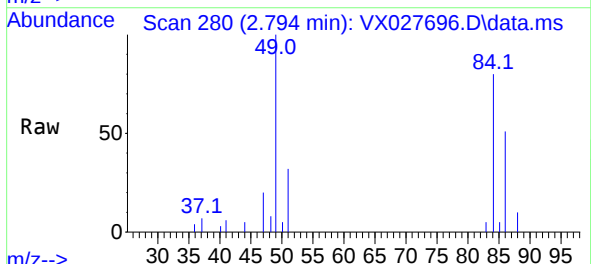
Ion Ratio Lower Upper

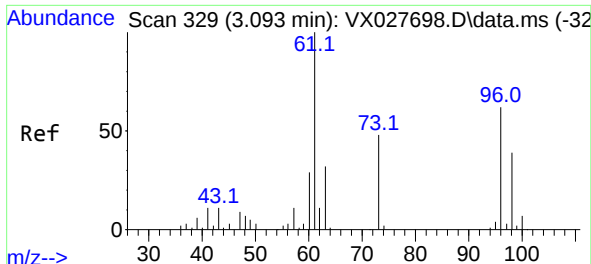
84 100

49 125.5 85.5 128.3

51 40.2 26.6 39.8#

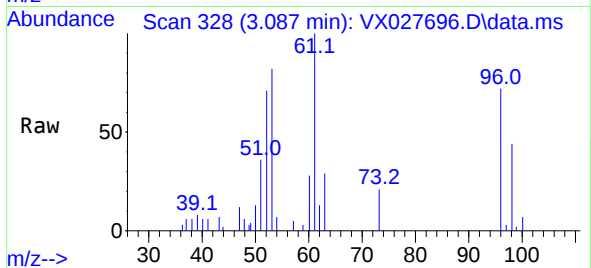
86 63.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 5.879 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

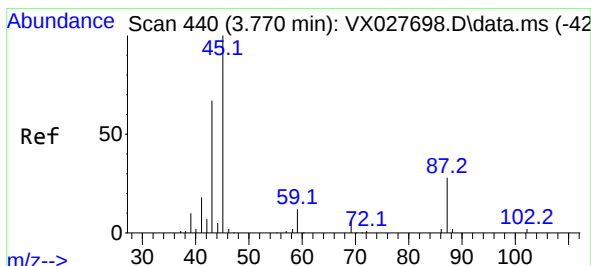
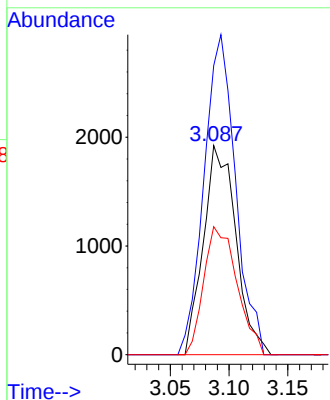
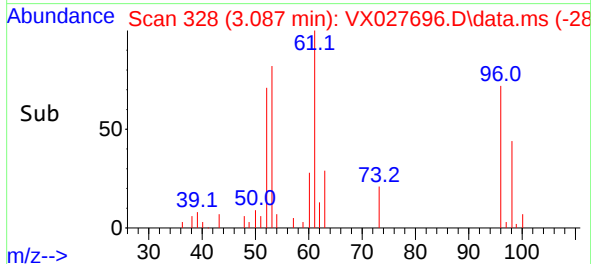
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



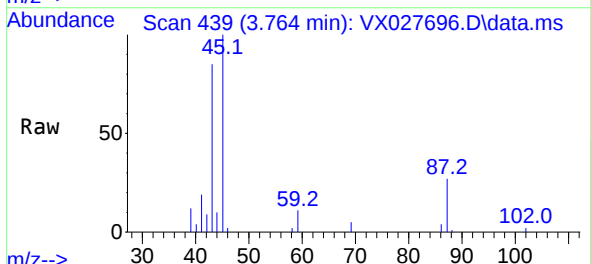
Tgt Ion: 96 Resp: 370
Ion Ratio Lower Upper
96 100
61 138.3 105.4 158.2
98 61.3 50.0 75.0

Manual Integrations
APPROVED

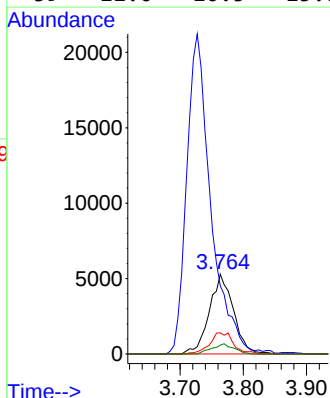
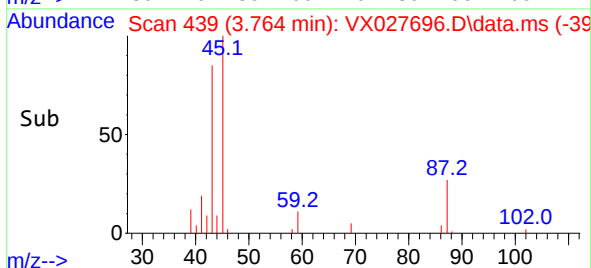
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

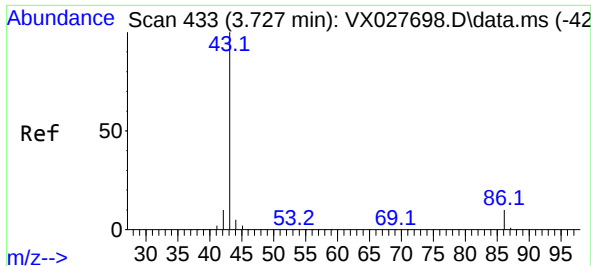


#22
Diisopropyl ether
Concen: 7.429 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 45 Resp: 13945
Ion Ratio Lower Upper
45 100
43 84.4 50.8 76.2#
87 26.6 26.6 39.8
59 11.0 10.5 15.7





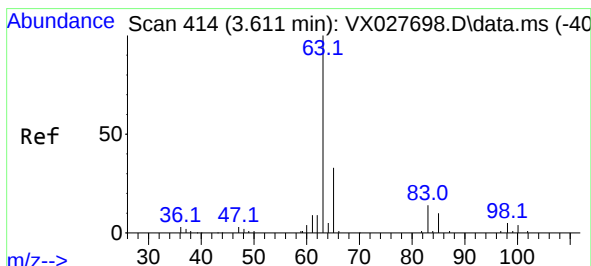
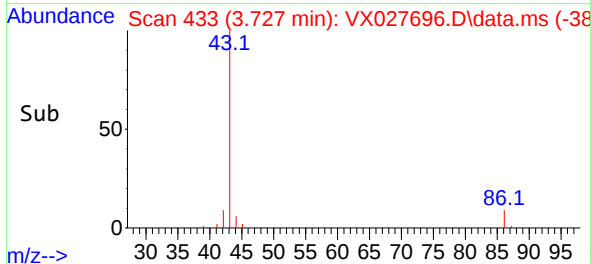
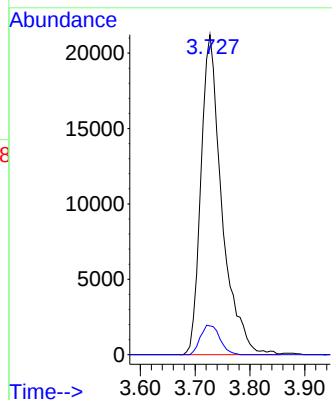
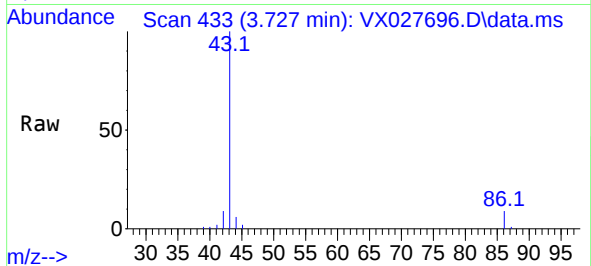
#23
 Vinyl Acetate
 Concen: 34.364 ug/l
 RT: 3.727 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX027696.D
 Acq: 25 Mar 2022 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 5641
 Ion Ratio Lower Upper
 43 100
 86 9.0 10.8 16.2

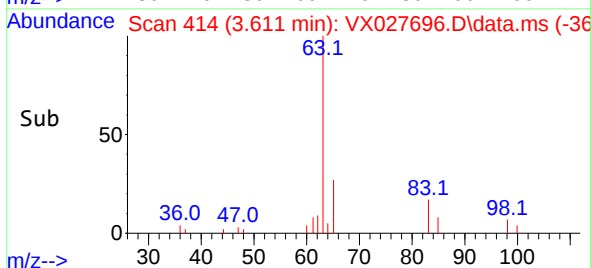
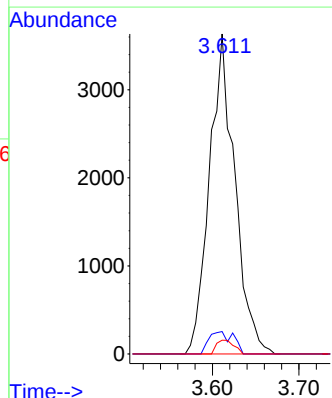
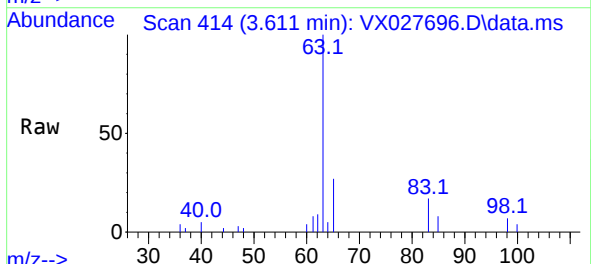
Manual Integrations
 APPROVED

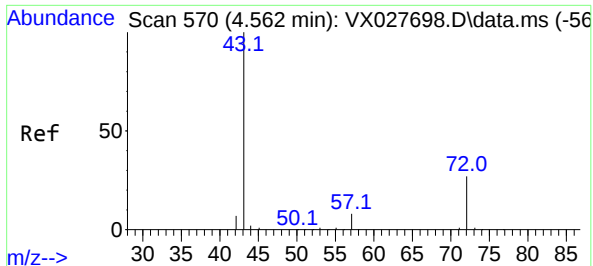
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 6.548 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX027696.D
 Acq: 25 Mar 2022 12:31

Tgt Ion: 63 Resp: 7412
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 40.027 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2003

Ion Ratio Lower Upper

43 100

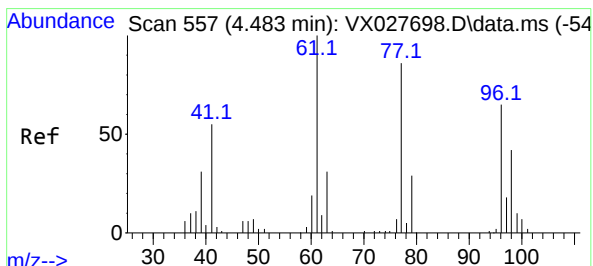
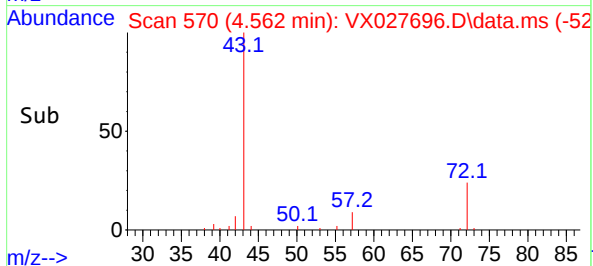
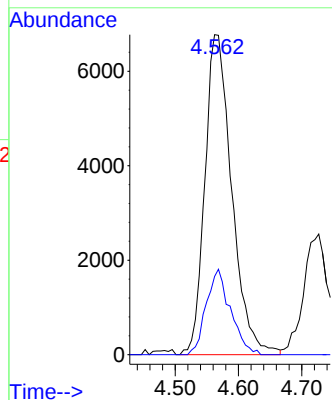
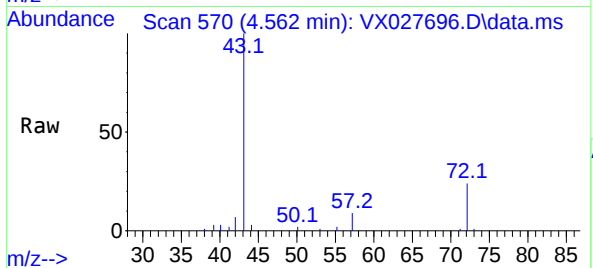
72 24.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 6.269 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.012 min

Lab File: VX027696.D

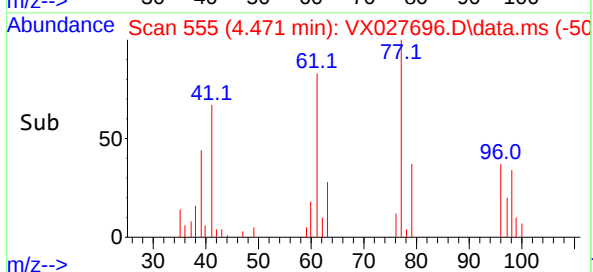
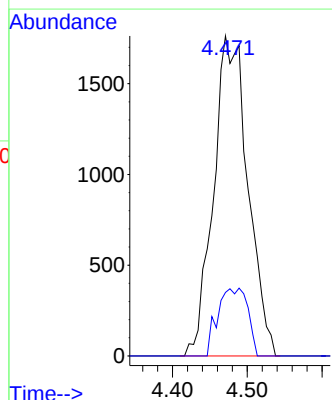
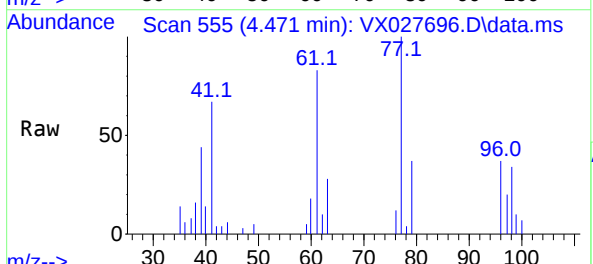
Acq: 25 Mar 2022 12:31

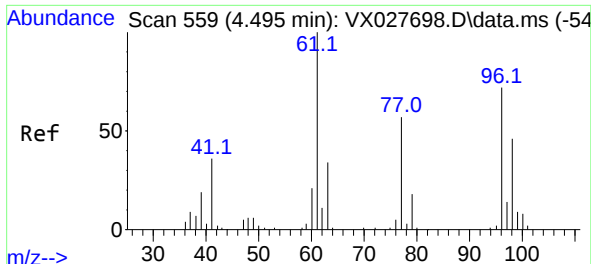
Tgt Ion: 77 Resp: 5631

Ion Ratio Lower Upper

77 100

97 18.5 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 5.953 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

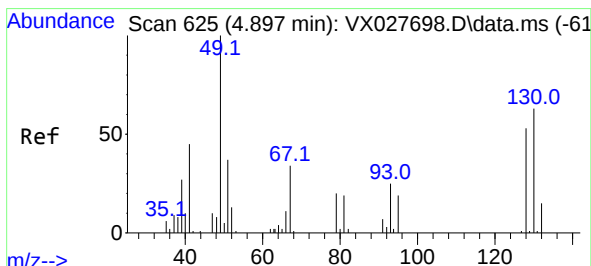
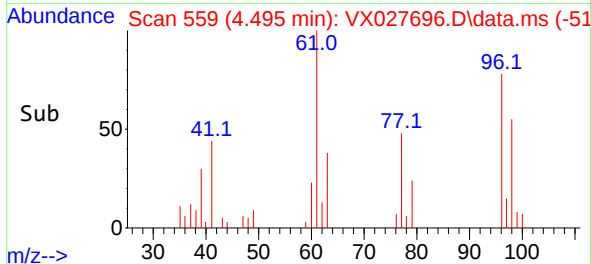
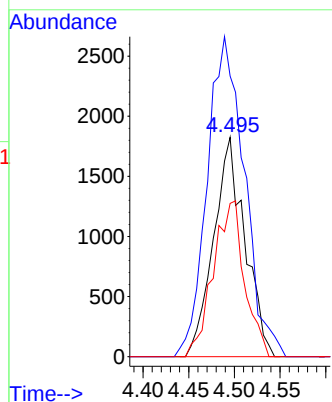
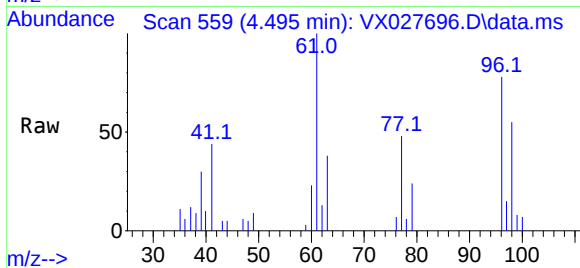
VSTDIC005

Tgt Ion: 96 Resp: 4349
Ion Ratio Lower Upper
96 100
61 173.5 0.0 283.8
98 71.0 0.0 129.8

Manual Integrations

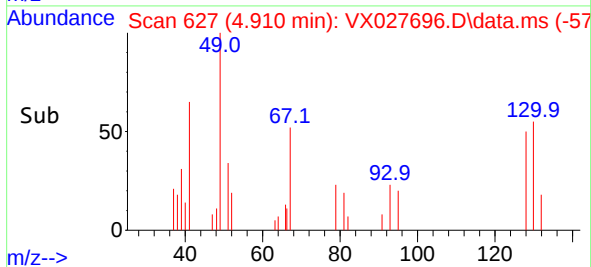
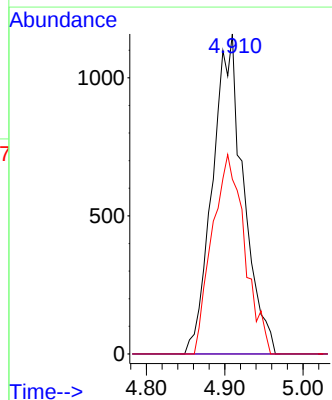
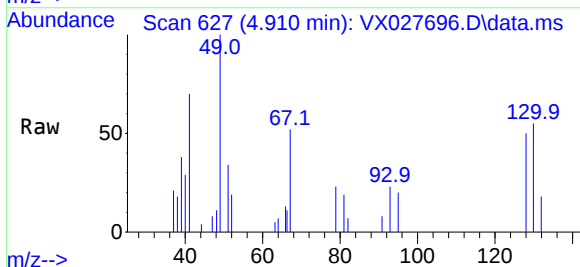
APPROVED

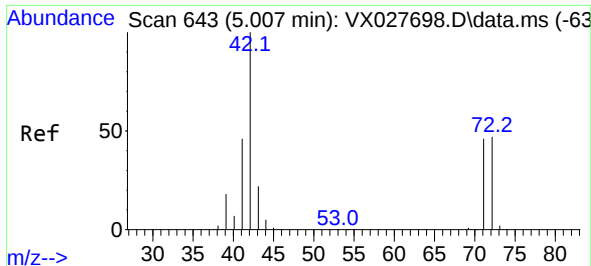
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#28
Bromochloromethane
Concen: 7.029 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Tgt Ion: 49 Resp: 3183
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 65.5 70.7 106.1#





#29

Tetrahydrofuran

Concen: 39.968 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 1248

Ion Ratio Lower Upper

42 100

72 40.5 44.1 66.1

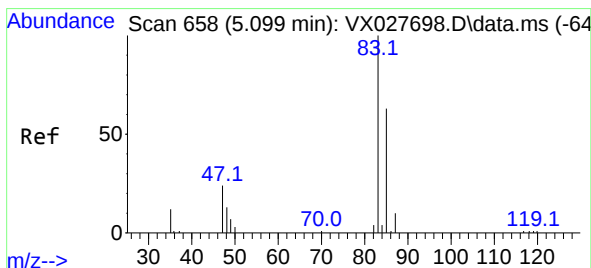
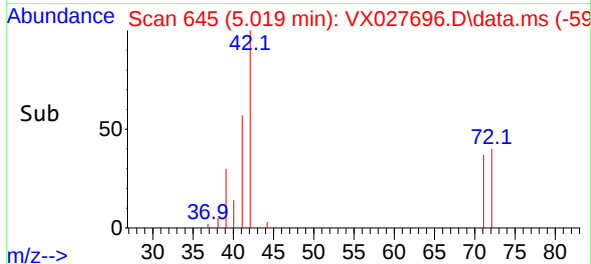
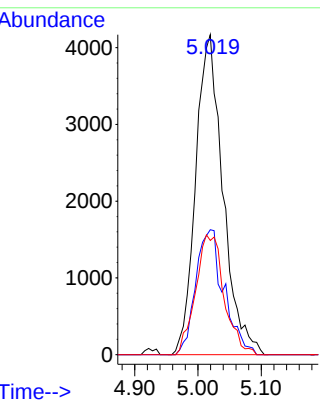
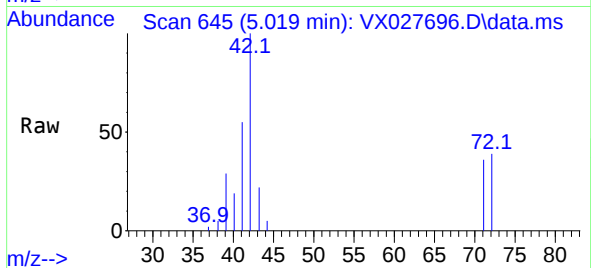
71 39.1 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#30

Chloroform

Concen: 6.982 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX027696.D

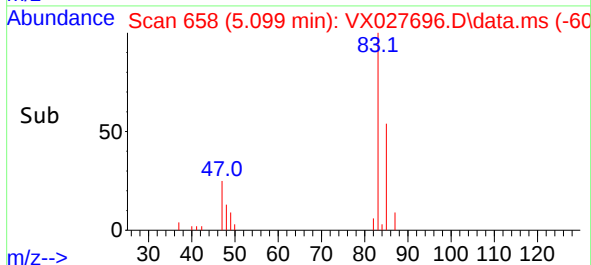
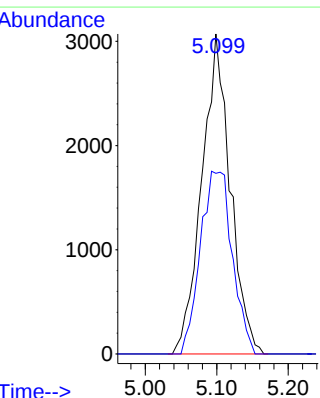
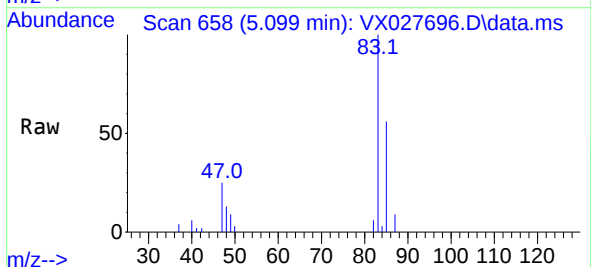
Acq: 25 Mar 2022 12:31

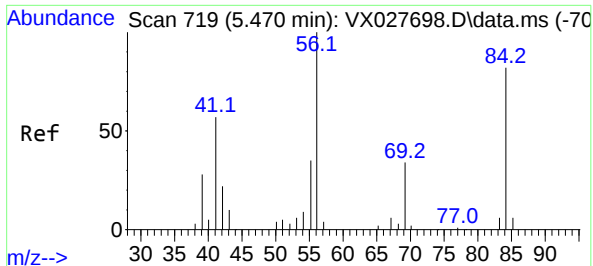
Tgt Ion: 83 Resp: 8471

Ion Ratio Lower Upper

83 100

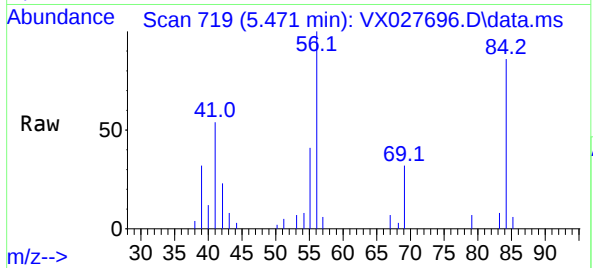
85 56.4 52.7 79.1





#31
Cyclohexane
Concen: 6.924 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

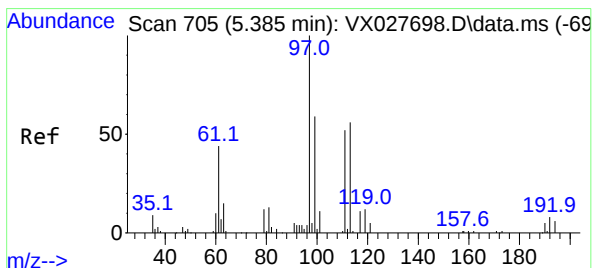
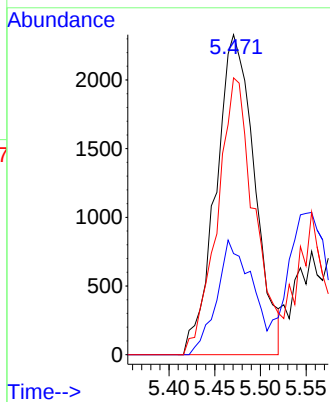
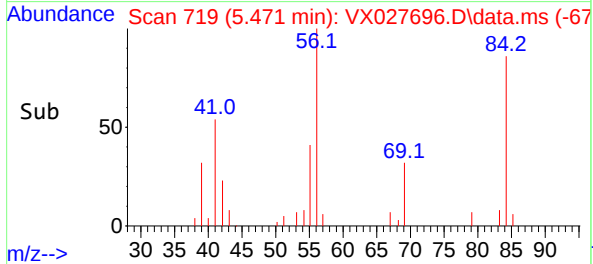
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



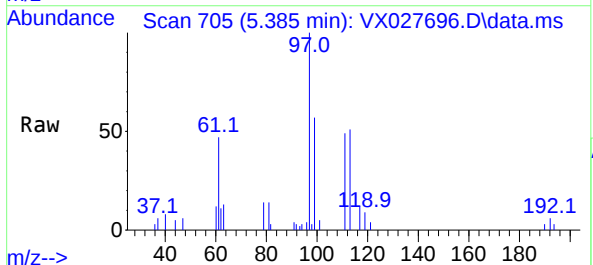
Tgt Ion: 56 Resp: 686
Ion Ratio Lower Upper
56 100
69 31.6 26.7 40.1
84 86.5 77.2 115.8

Manual Integrations
APPROVED

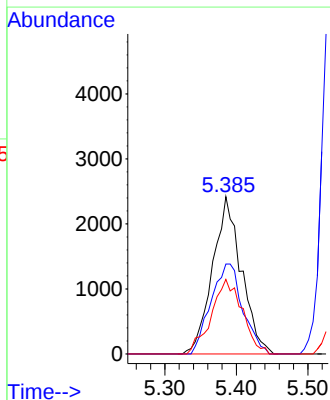
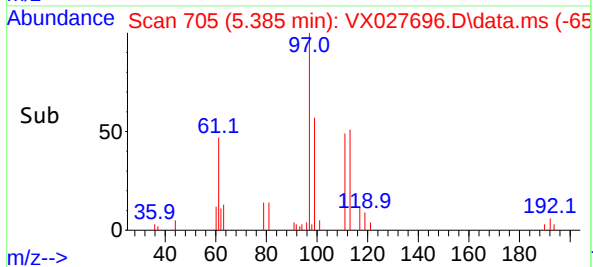
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

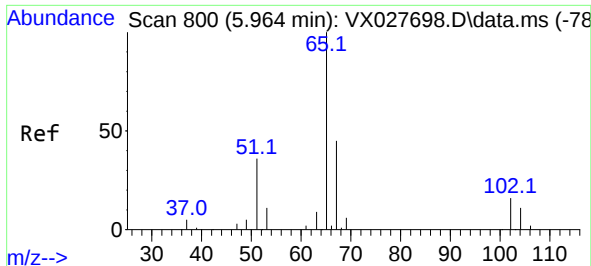


#32
1,1,1-Trichloroethane
Concen: 6.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 97 Resp: 6764
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 50.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 7.810 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 620

Ion Ratio Lower Upper

65 100

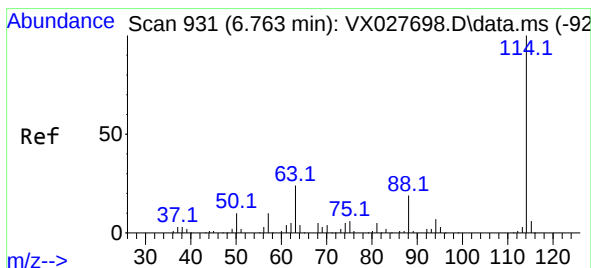
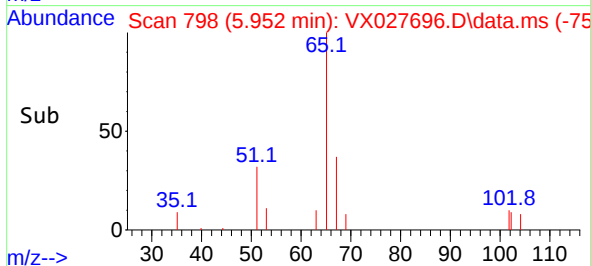
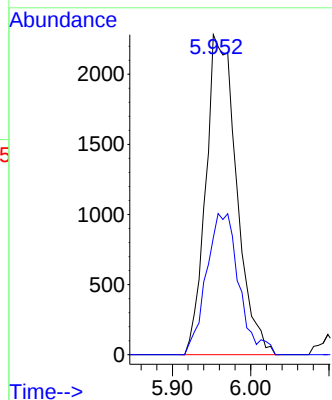
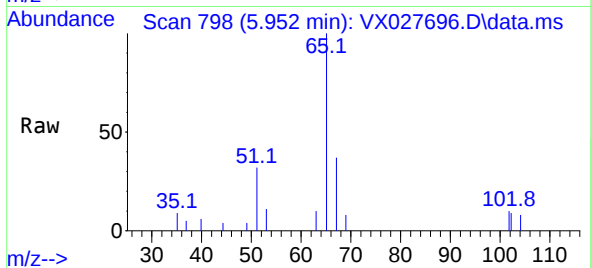
67 47.0 0.0 107.4

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: VX027696.D

Acq: 25 Mar 2022 12:31

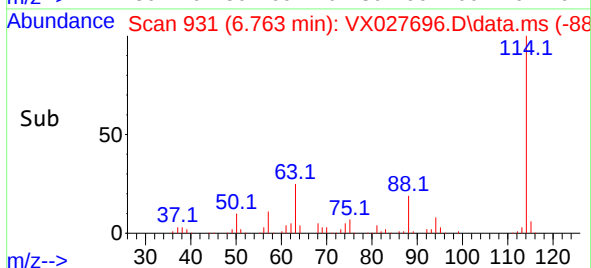
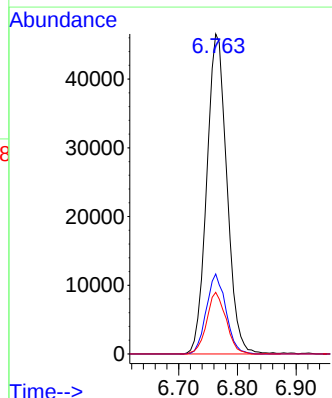
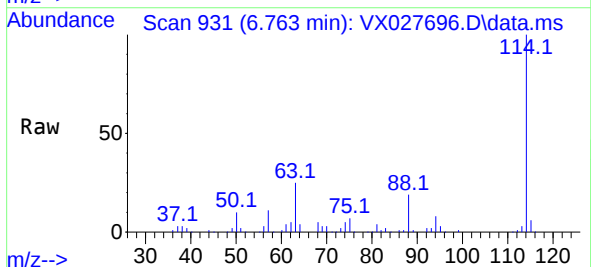
Tgt Ion:114 Resp: 110891

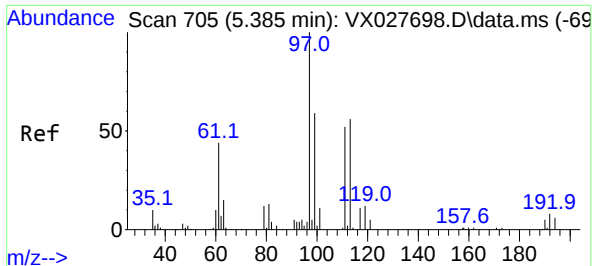
Ion Ratio Lower Upper

114 100

63 25.0 0.0 36.8

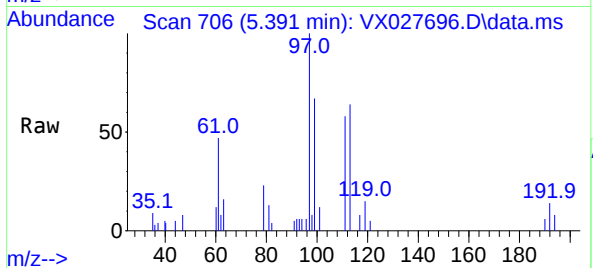
88 19.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 5.577 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

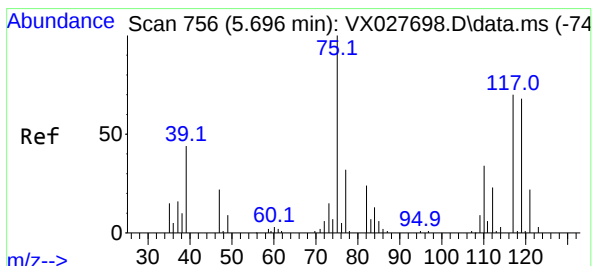
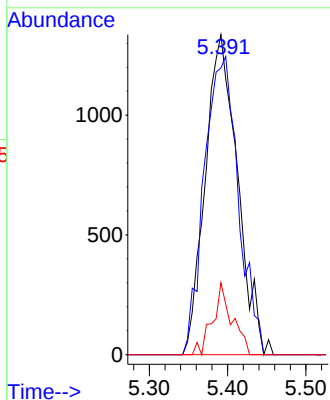
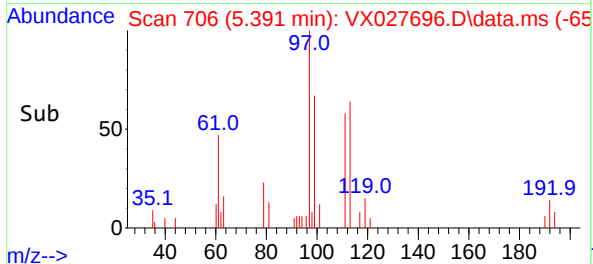
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



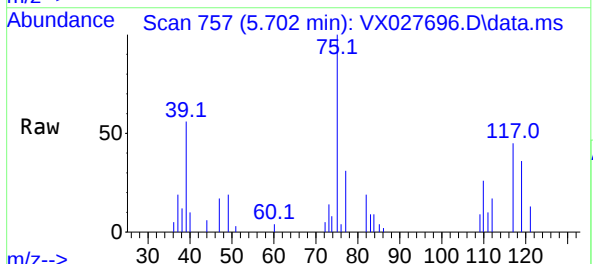
Tgt Ion: 113 Resp: 3829
Ion Ratio Lower Upper
113 100
111 98.4 82.8 124.2
192 13.6 16.9 25.3

Manual Integrations
APPROVED

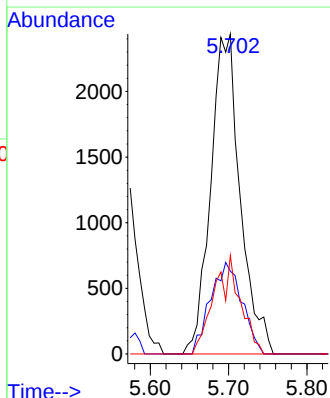
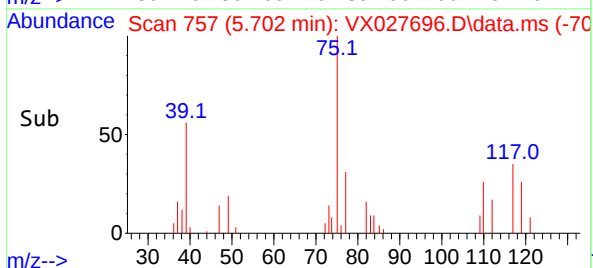
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

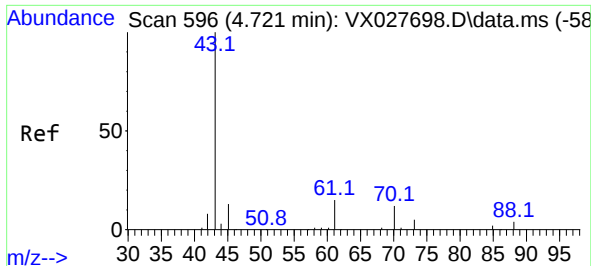


#36
1,1-Dichloropropene
Concen: 6.544 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



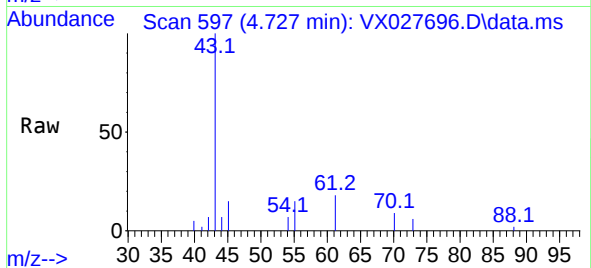
Tgt Ion: 75 Resp: 6401
Ion Ratio Lower Upper
75 100
110 30.5 18.3 54.8
77 14.1 24.8 37.2





#37
Ethyl Acetate
Concen: 7.507 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

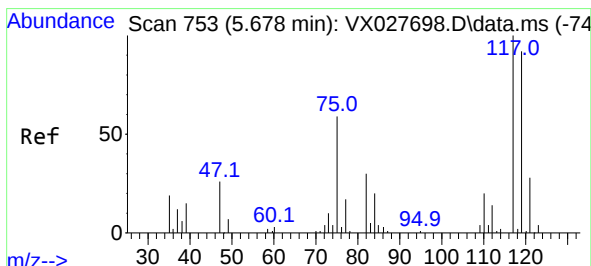
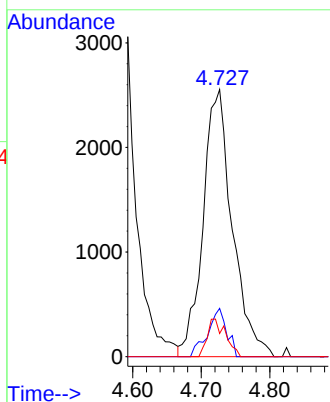
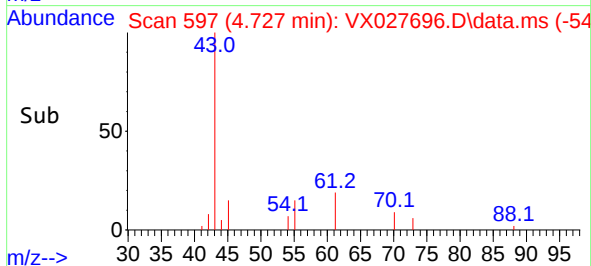
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 7569
Ion Ratio Lower Upper
43 100
61 11.8 12.6 19.0
70 8.8 10.2 15.2

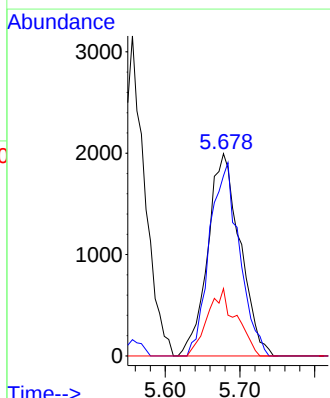
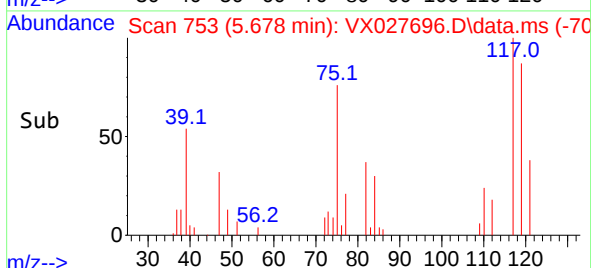
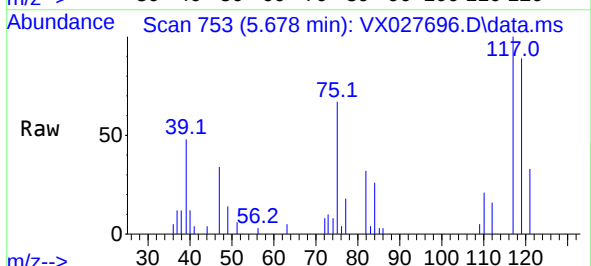
Manual Integrations
APPROVED

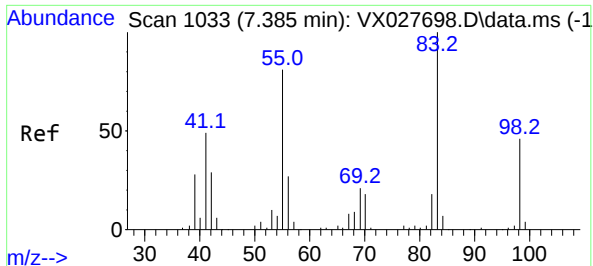
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 5.505 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Tgt Ion:117 Resp: 6009
Ion Ratio Lower Upper
117 100
119 89.1 77.3 115.9
121 33.3 24.2 36.2





#39

Methylcyclohexane

Concen: 5.568 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 684

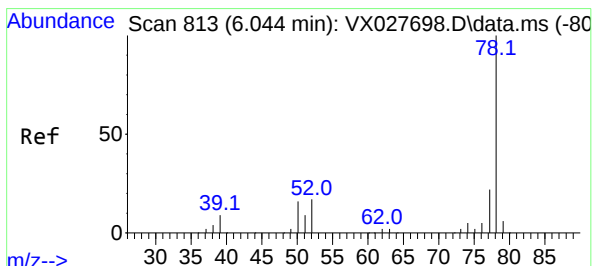
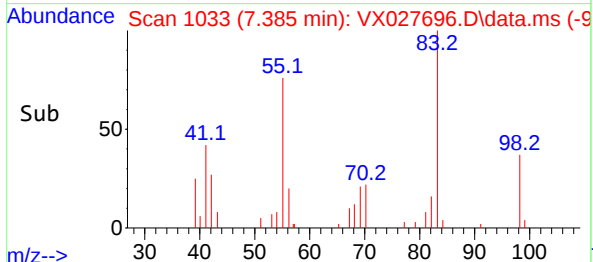
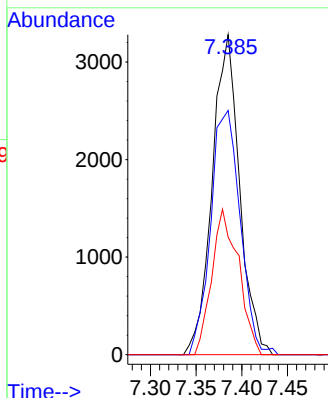
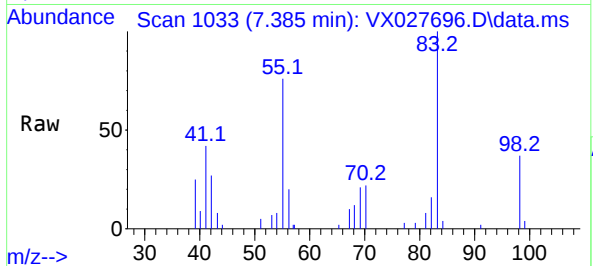
Ion	Ratio	Lower	Upper
83	100		
55	76.3	54.6	81.8
98	36.7	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 5.907 ug/l

RT: 6.044 min Scan# 813

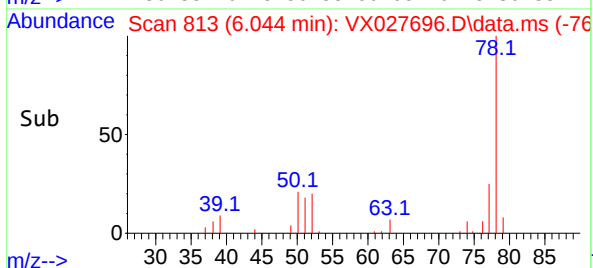
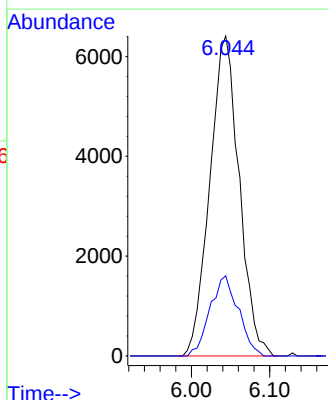
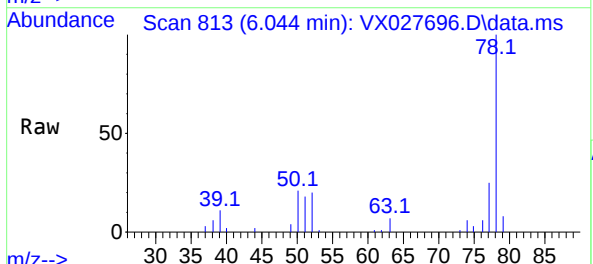
Delta R.T. 0.000 min

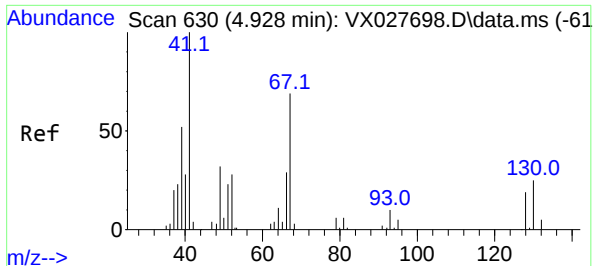
Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Tgt Ion: 78 Resp: 16701

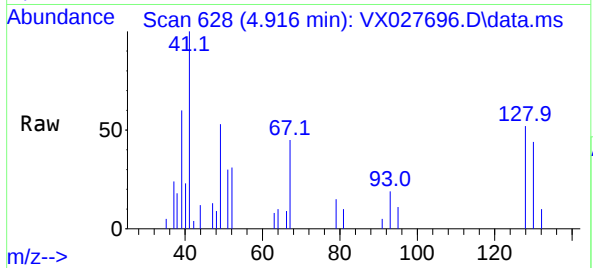
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.3	28.9





#41
Methacrylonitrile
Concen: 7.091 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

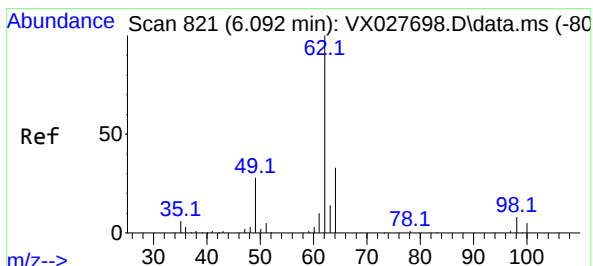
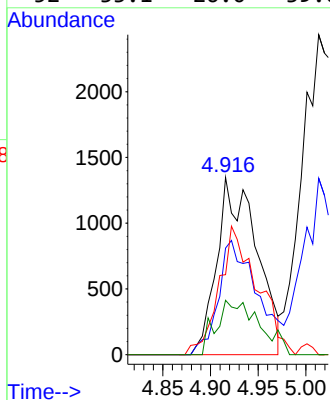
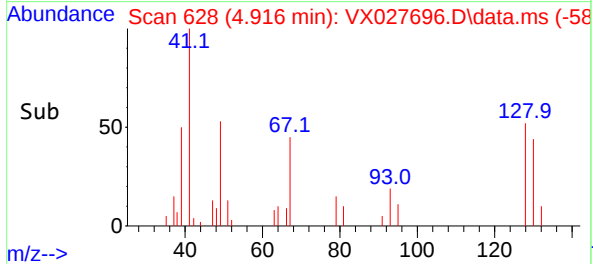
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



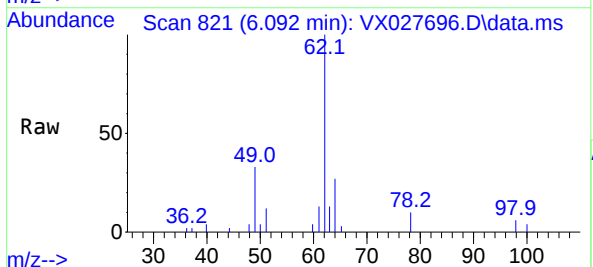
Tgt Ion: 41 Resp: 390
Ion Ratio Lower Upper
41 100
39 64.0 43.0 64.4
67 69.8 70.2 105.4
52 33.1 26.0 39.0

Manual Integrations
APPROVED

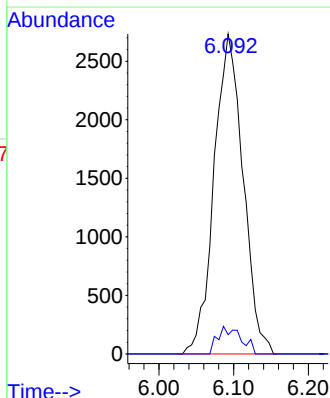
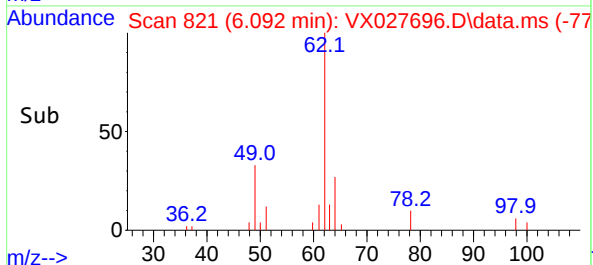
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

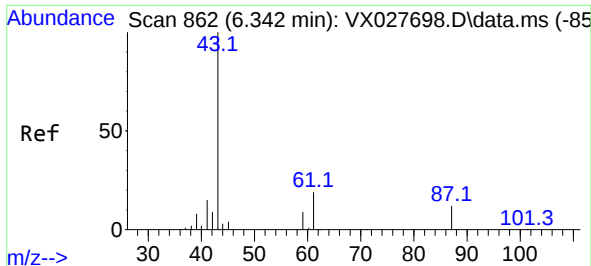


#42
1,2-Dichloroethane
Concen: 6.784 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 62 Resp: 7369
Ion Ratio Lower Upper
62 100
98 6.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 6.506 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 10674

Ion Ratio Lower Upper

43 100

61 18.4 18.5 27.7

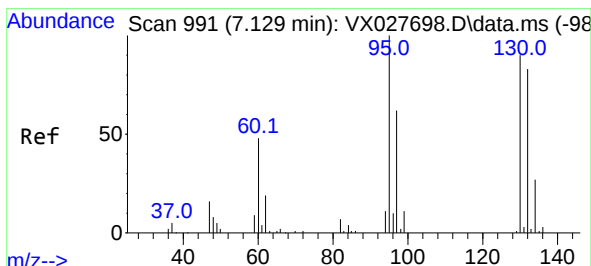
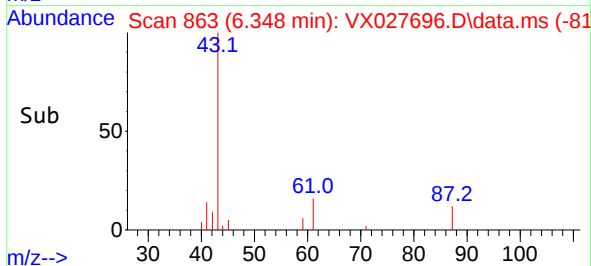
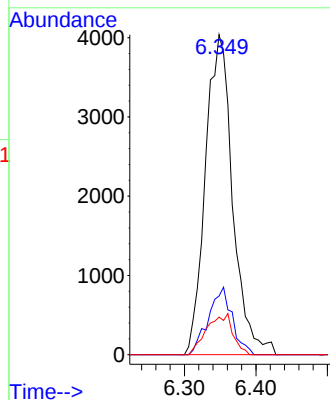
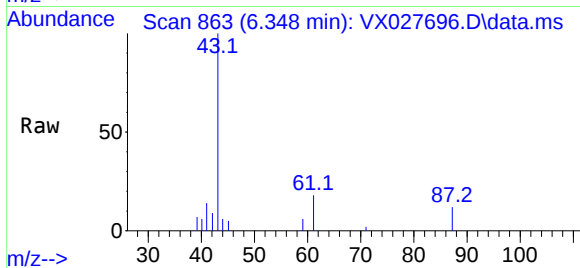
87 12.3 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

Trichloroethene

Concen: 5.048 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027696.D

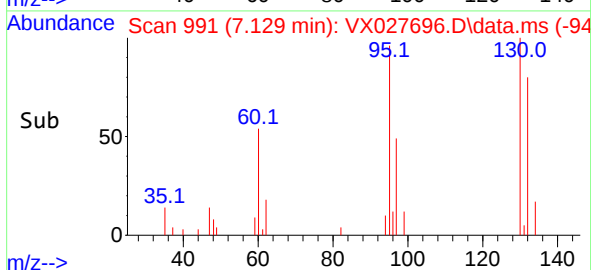
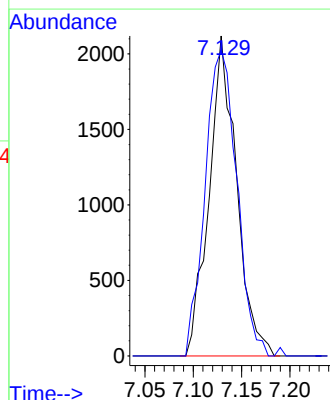
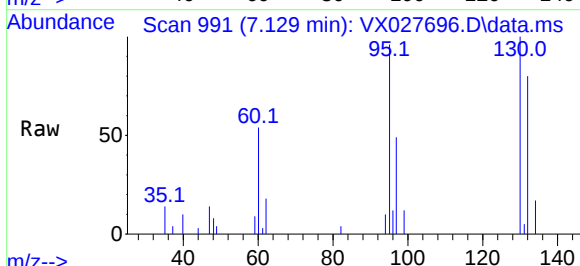
Acq: 25 Mar 2022 12:31

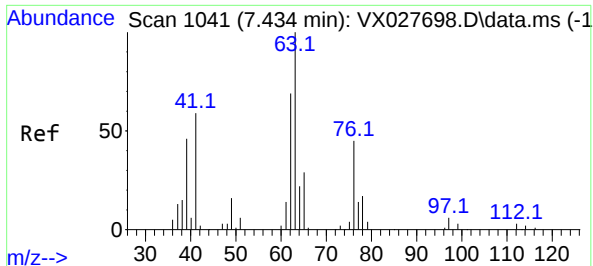
Tgt Ion:130 Resp: 4182

Ion Ratio Lower Upper

130 100

95 95.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 5.839 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 4230

Ion Ratio Lower Upper

63 100

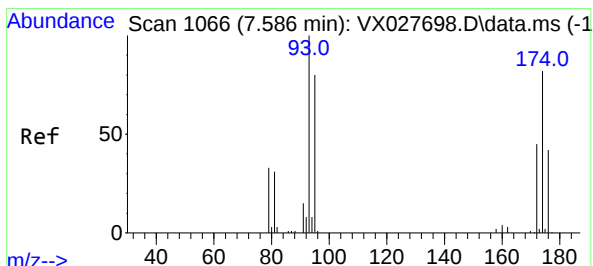
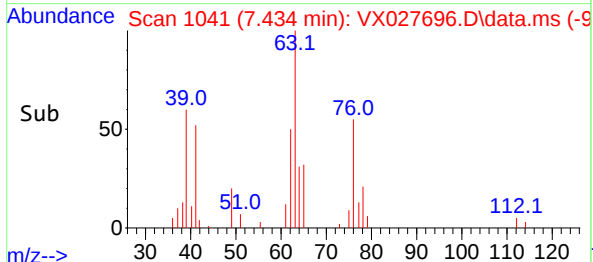
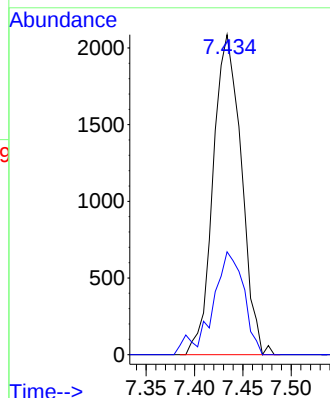
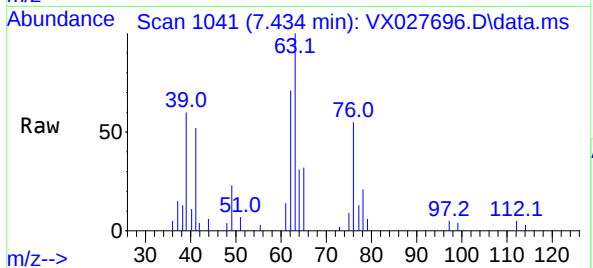
65 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 6.038 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

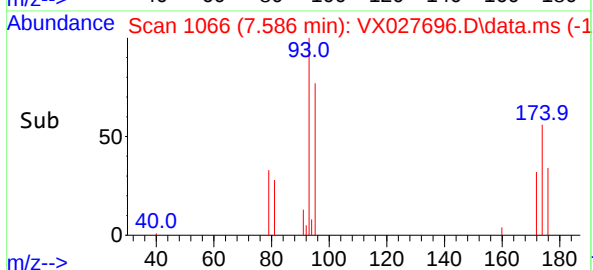
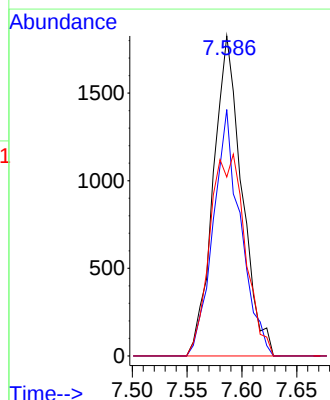
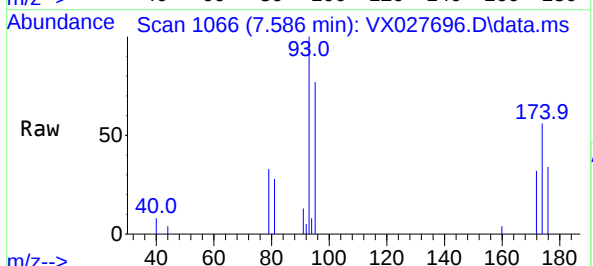
Tgt Ion: 93 Resp: 3310

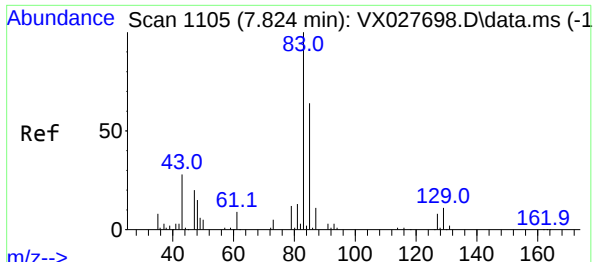
Ion Ratio Lower Upper

93 100

95 73.8 65.8 98.6

174 77.6 85.4 128.2#





#47
Bromodichloromethane
Concen: 5.644 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

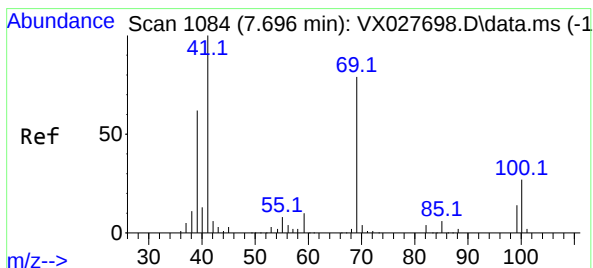
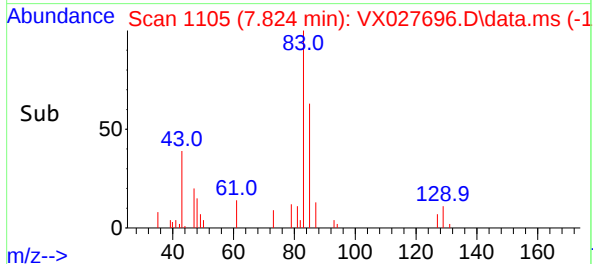
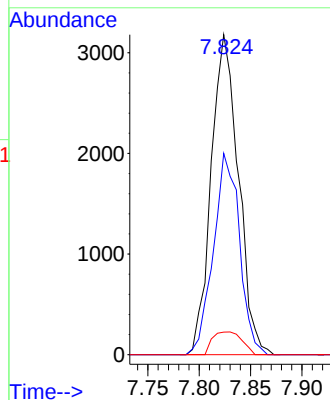
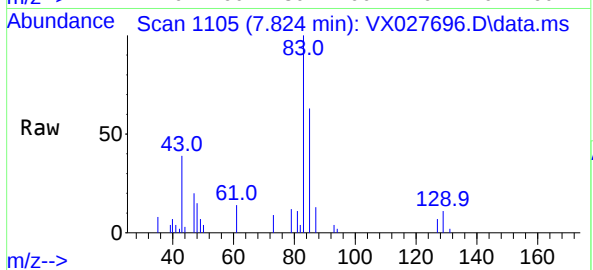
VSTDIC005

Tgt Ion: 83 Resp: 585
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.2
127 7.0 6.8 10.2

Manual Integrations

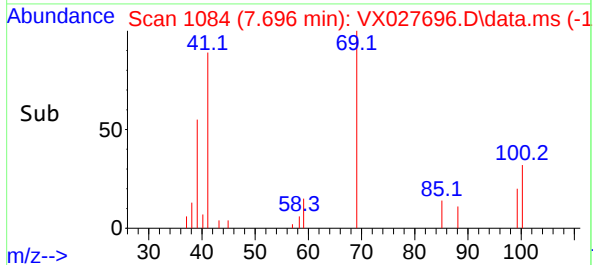
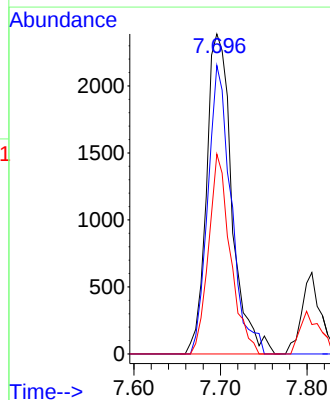
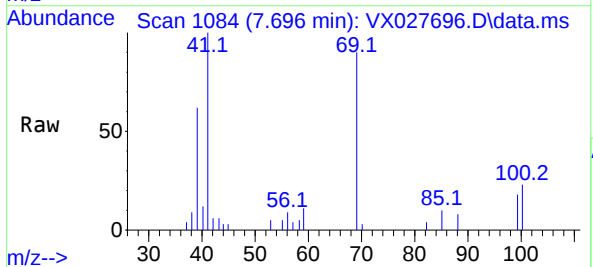
APPROVED

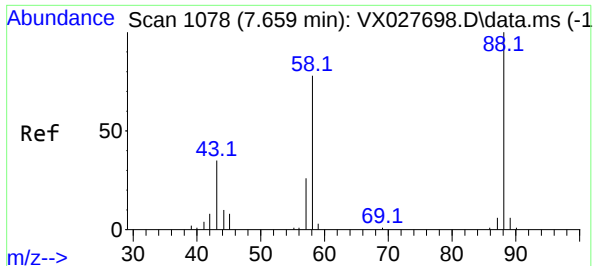
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 5.995 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

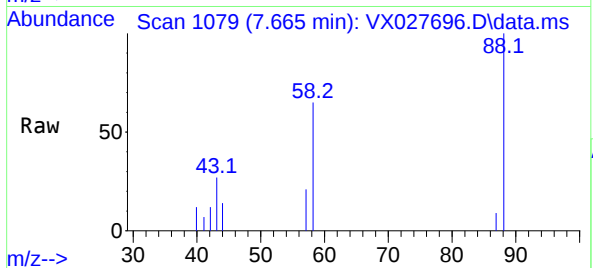
Tgt Ion: 41 Resp: 4859
Ion Ratio Lower Upper
41 100
69 82.8 82.5 123.7
39 53.6 43.8 65.8





#49
1,4-Dioxane
Concen: 108.433 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

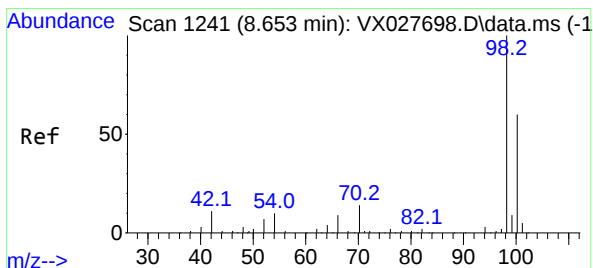
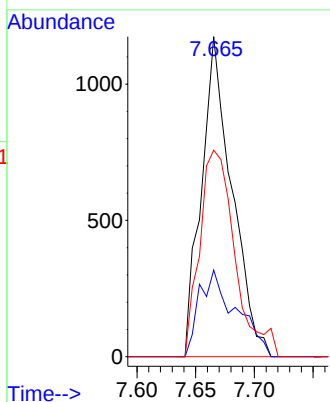
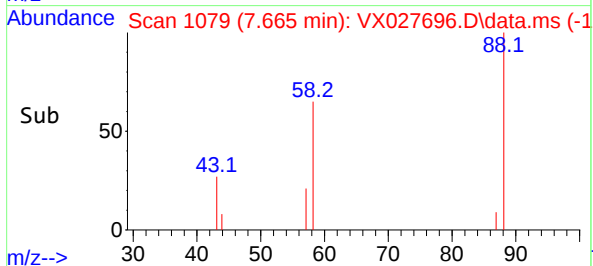
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 2110
Ion Ratio Lower Upper
88 100
43 32.8 21.9 32.9
58 74.5 53.7 80.5

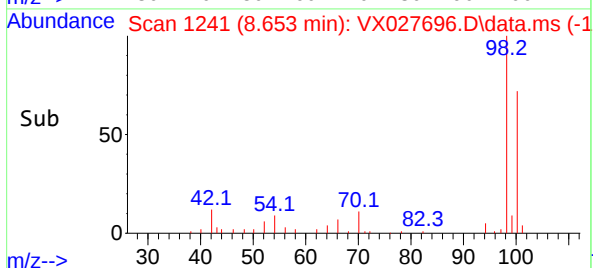
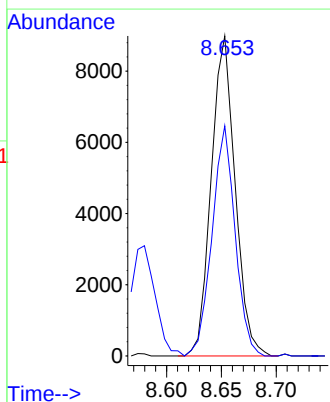
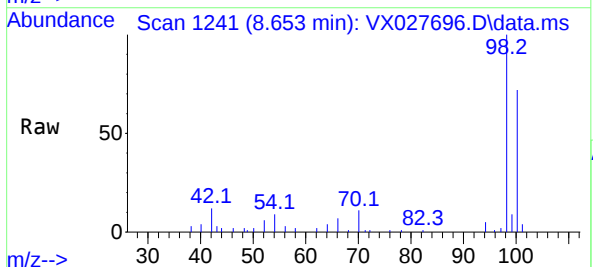
Manual Integrations
APPROVED

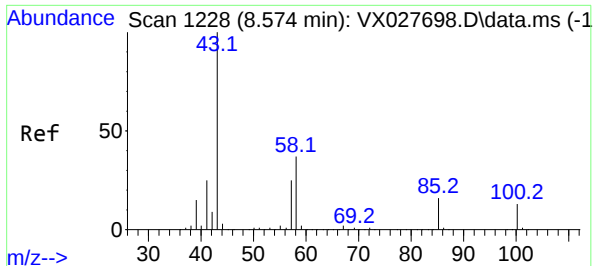
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 5.250 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

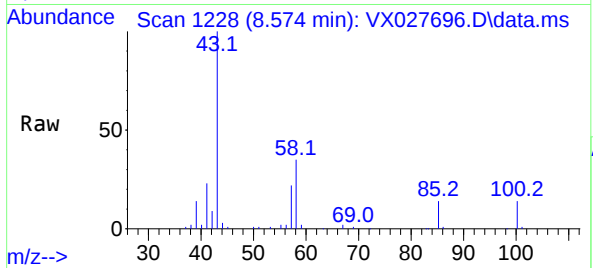
Tgt Ion: 98 Resp: 13634
Ion Ratio Lower Upper
98 100
100 69.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 33.457 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

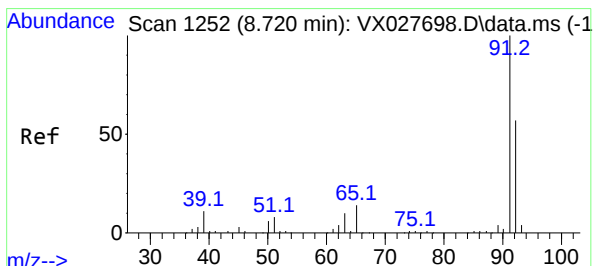
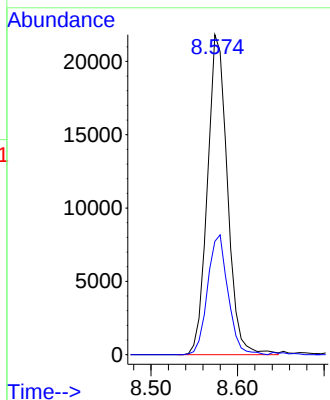
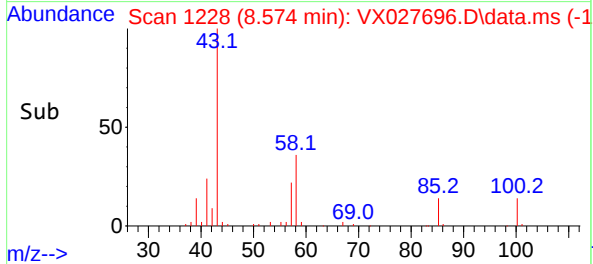
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



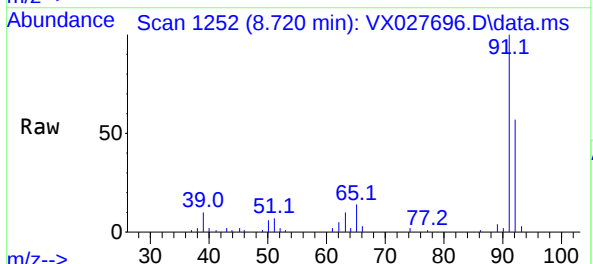
Tgt Ion: 43 Resp: 34949
Ion Ratio Lower Upper
43 100
58 38.2 36.1 54.1

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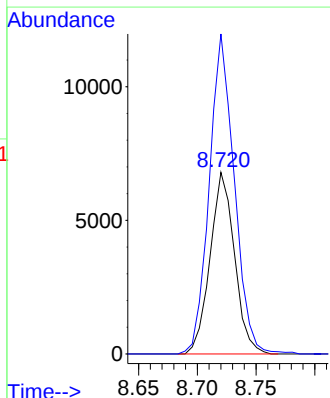
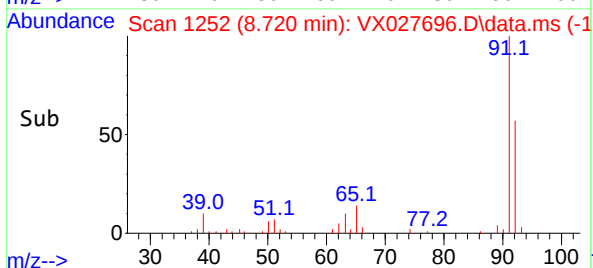
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

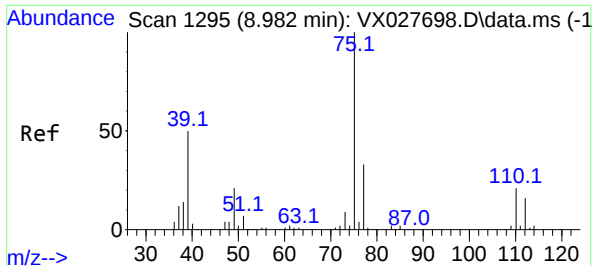


#52
Toluene
Concen: 5.324 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 92 Resp: 9822
Ion Ratio Lower Upper
92 100
91 180.6 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 4.507 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 4740

Ion Ratio Lower Upper

75 100

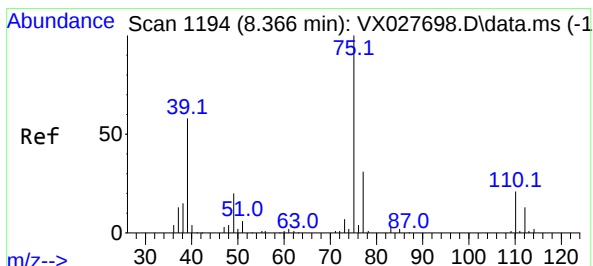
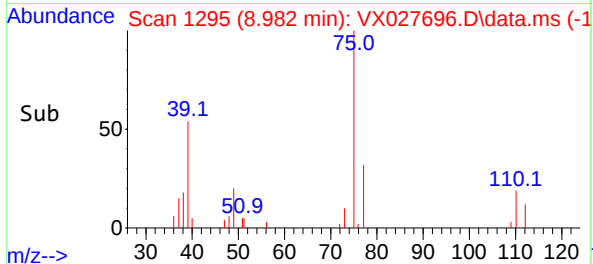
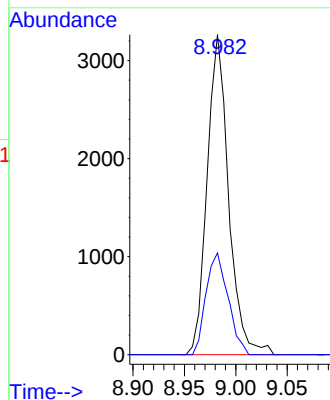
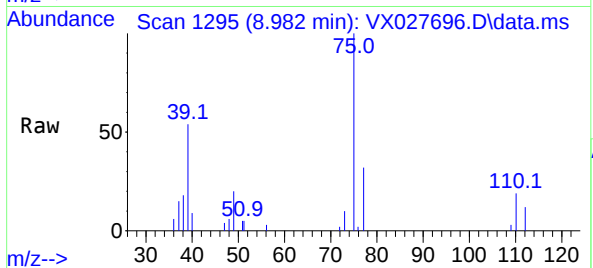
77 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

cis-1,3-Dichloropropene

Concen: 4.950 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

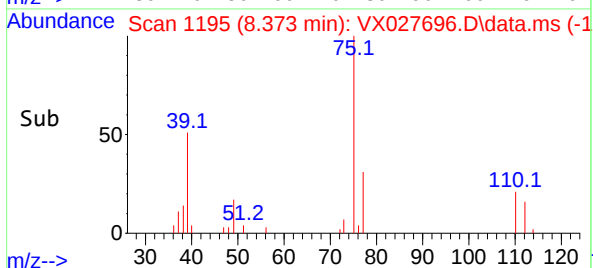
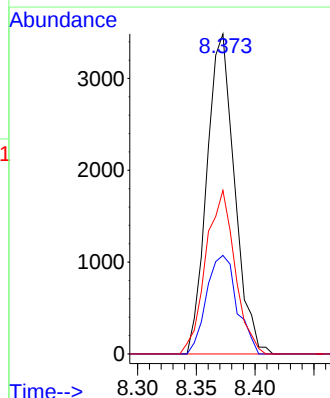
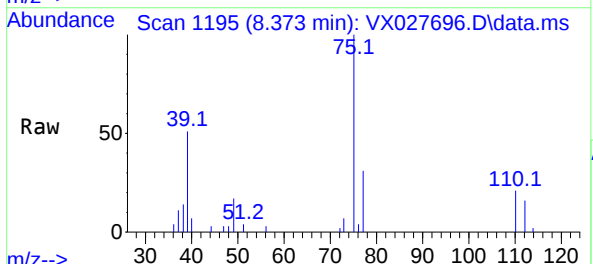
Tgt Ion: 75 Resp: 5716

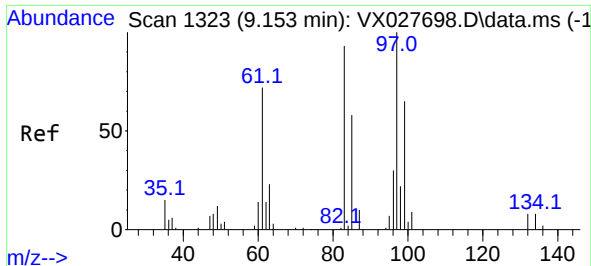
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

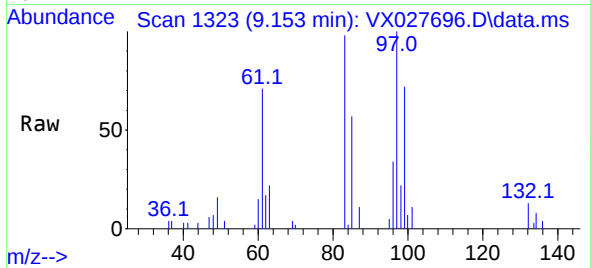
39 51.1 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 5.169 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

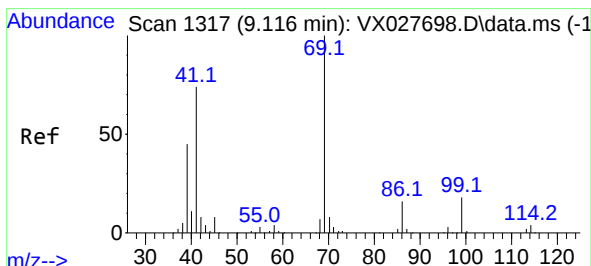
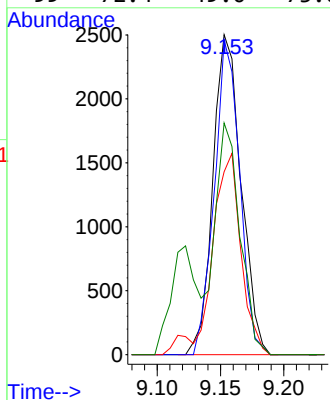
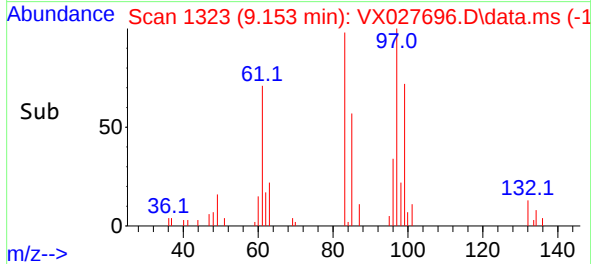


Tgt Ion: 97 Resp: 386

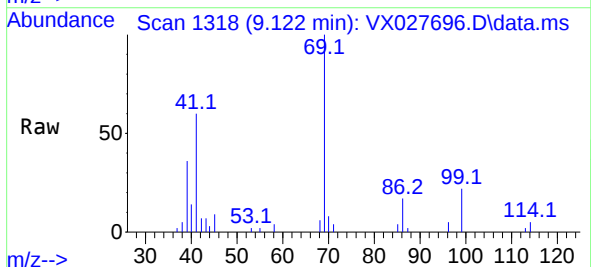
Ion	Ratio	Lower	Upper
97	100		
83	98.4	66.2	99.4
85	57.2	42.9	64.3
99	72.4	49.0	73.6

Manual Integrations
APPROVED

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

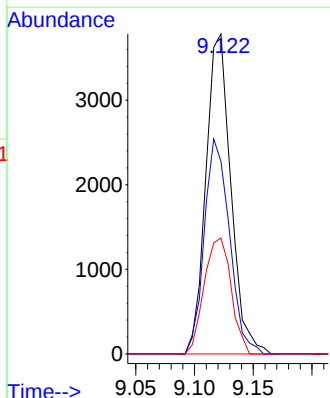
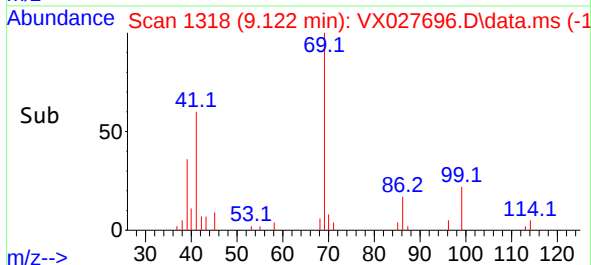


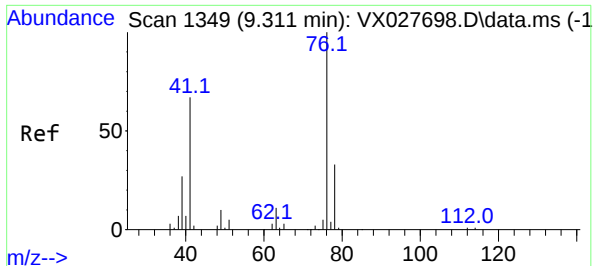
#56
Ethyl methacrylate
Concen: 4.866 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 69 Resp: 5576

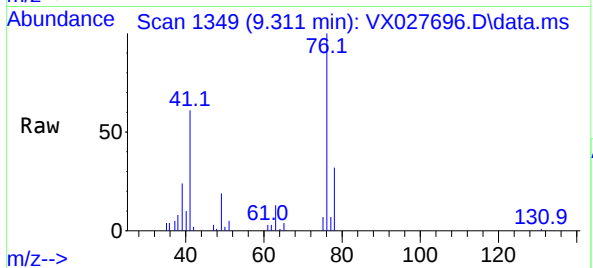
Ion	Ratio	Lower	Upper
69	100		
41	67.9	43.8	65.6#
39	39.1	22.2	33.2#





#57
1,3-Dichloropropane
Concen: 5.593 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

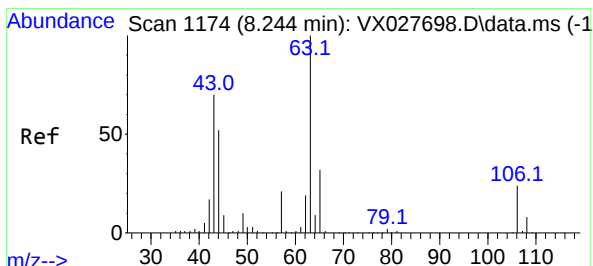
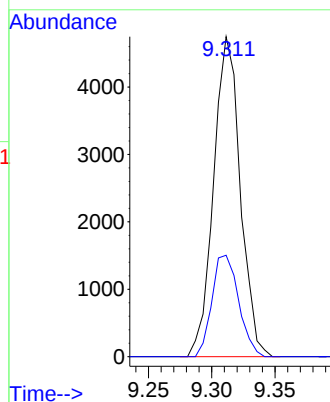
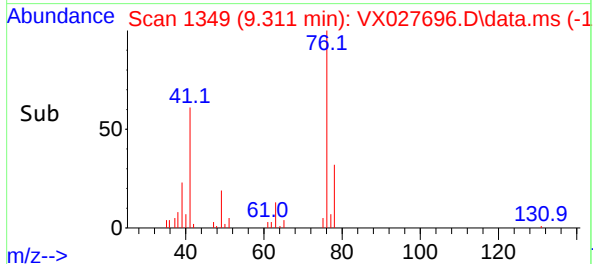
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



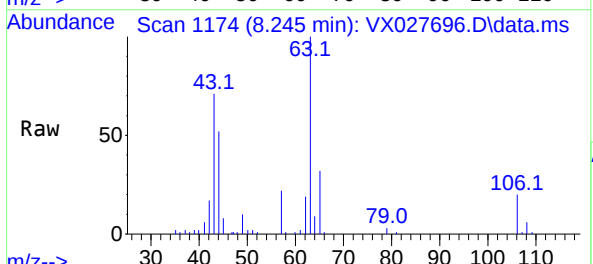
Tgt Ion: 76 Resp: 695
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.8

Manual Integrations
APPROVED

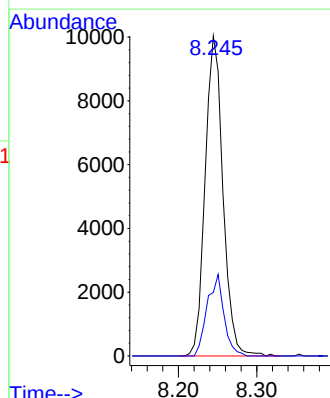
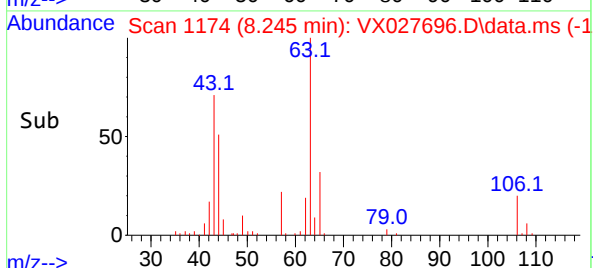
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

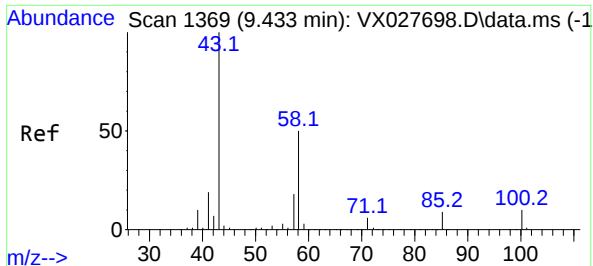


#58
2-Chloroethyl Vinyl ether
Concen: 28.734 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



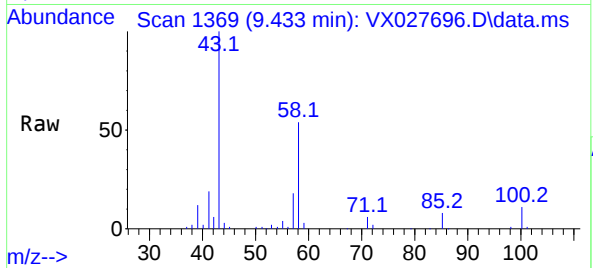
Tgt Ion: 63 Resp: 15814
Ion Ratio Lower Upper
63 100
106 24.0 23.9 35.9





#59
2-Hexanone
Concen: 30.905 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

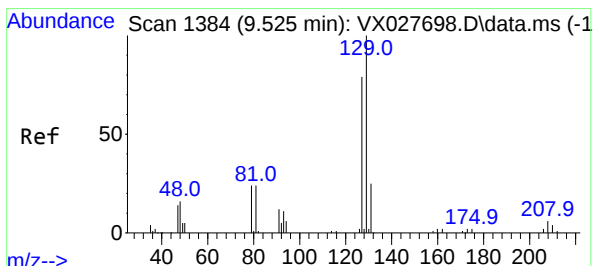
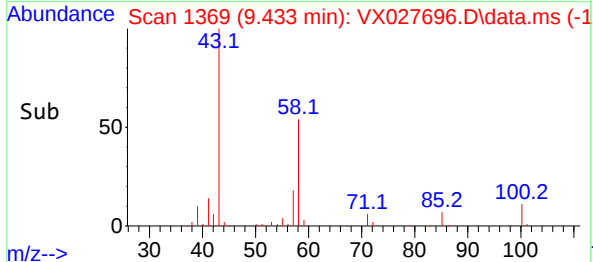
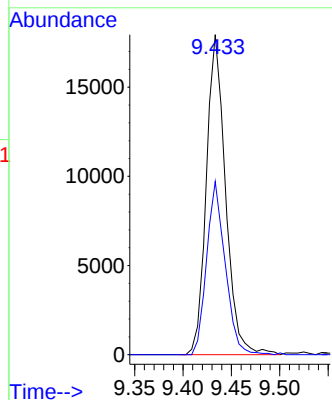
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 24829
Ion Ratio Lower Upper
43 100
58 52.3 31.9 95.7

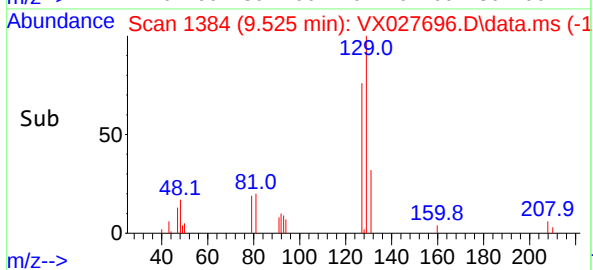
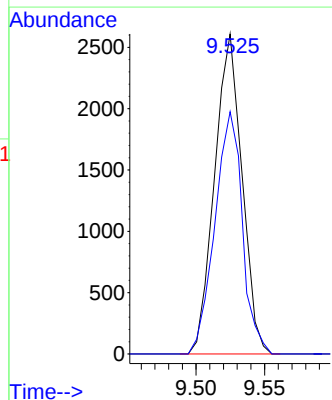
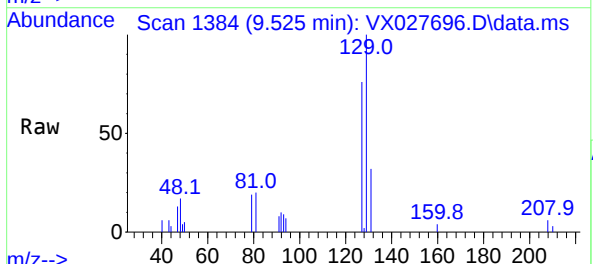
Manual Integrations
APPROVED

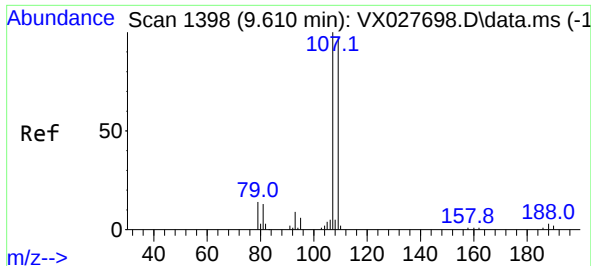
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 4.474 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

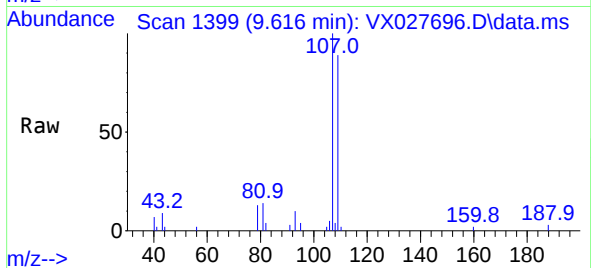
Tgt Ion:129 Resp: 3629
Ion Ratio Lower Upper
129 100
127 75.8 40.3 120.8





#61
1,2-Dibromoethane
Concen: 5.262 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

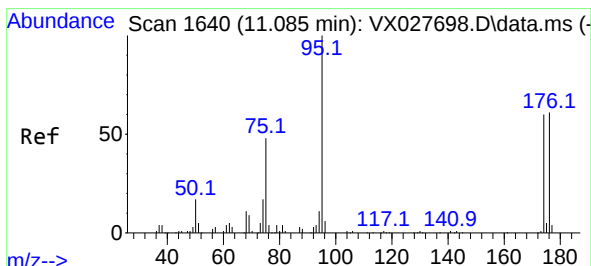
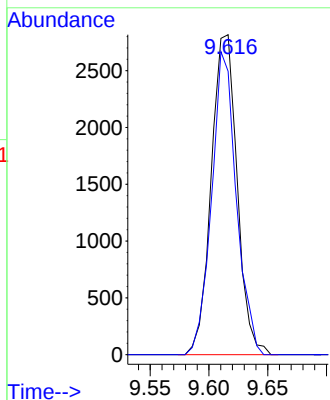
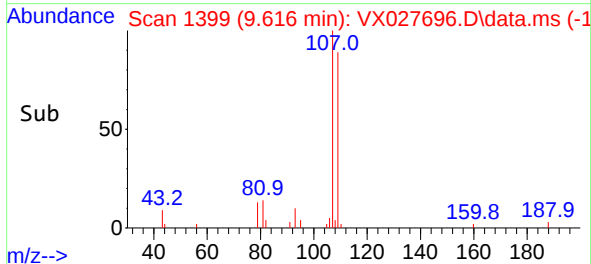
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



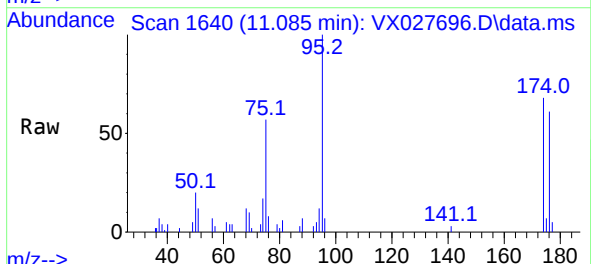
Tgt Ion:107 Resp: 4314
Ion Ratio Lower Upper
107 100
109 90.4 74.4 111.6

Manual Integrations
APPROVED

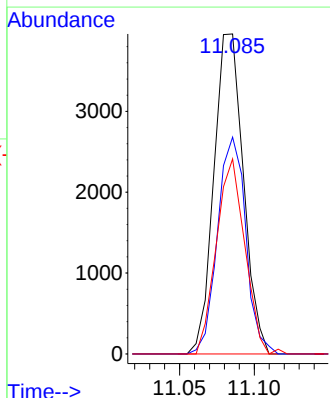
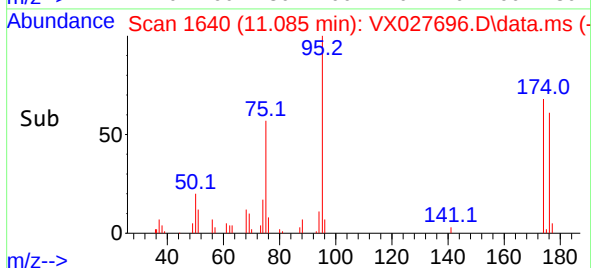
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

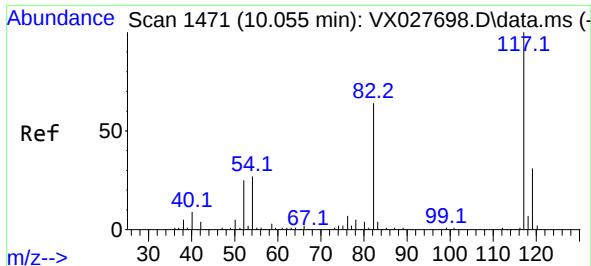


#62
4-Bromofluorobenzene
Concen: 5.550 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



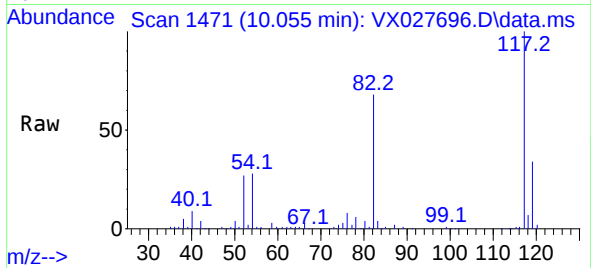
Tgt Ion: 95 Resp: 5423
Ion Ratio Lower Upper
95 100
174 64.9 0.0 163.0
176 58.8 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

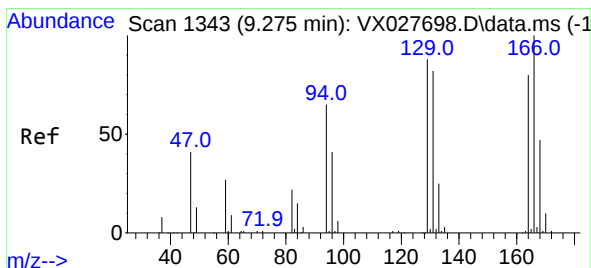
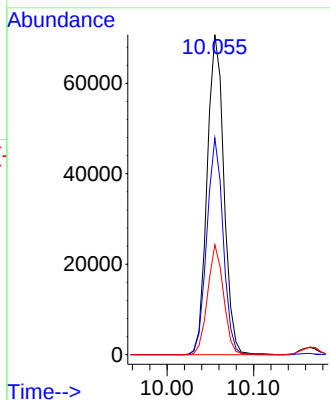
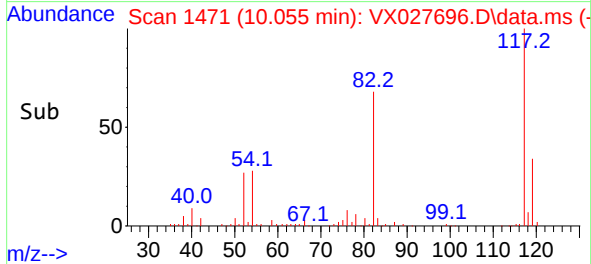
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 95170
Ion Ratio Lower Upper
117 100
82 67.7 41.8 62.8
119 34.4 24.8 37.2

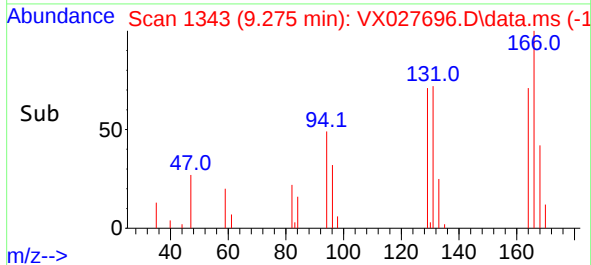
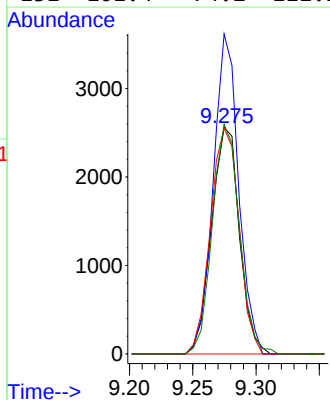
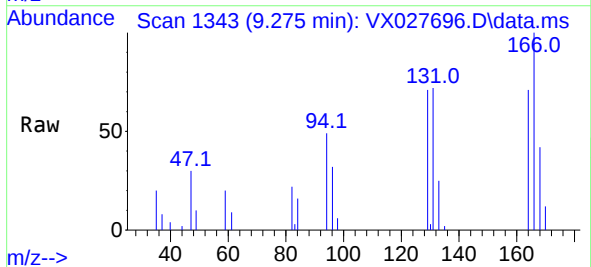
Manual Integrations
APPROVED

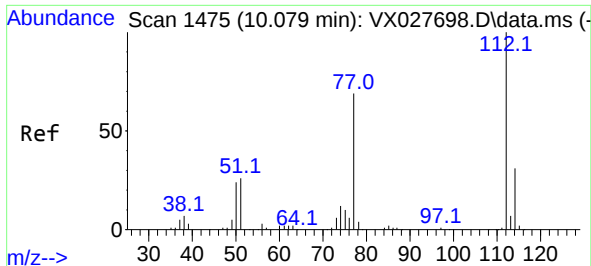
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#64
Tetrachloroethene
Concen: 5.441 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Tgt Ion:164 Resp: 3924
Ion Ratio Lower Upper
164 100
166 141.3 101.2 151.8
129 99.7 73.0 109.4
131 101.4 74.2 111.2





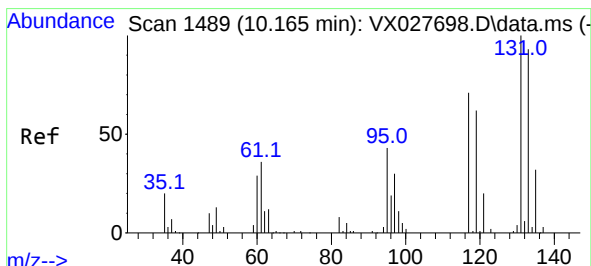
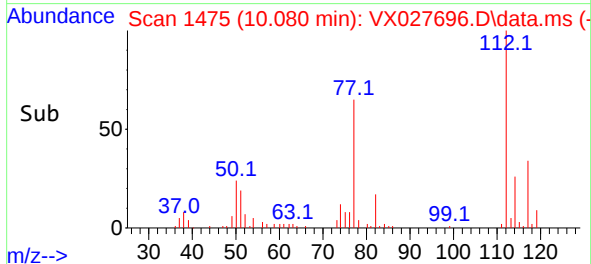
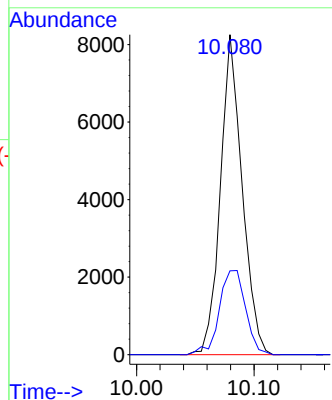
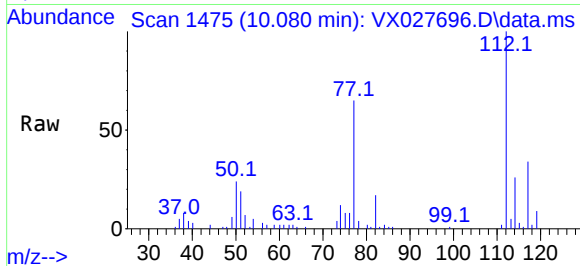
#65
Chlorobenzene
Concen: 5.491 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 10610
Ion Ratio Lower Upper
112 100
114 26.2 25.8 38.8

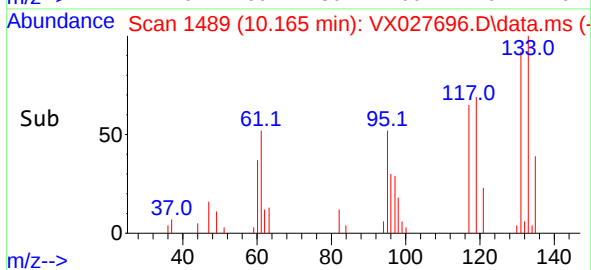
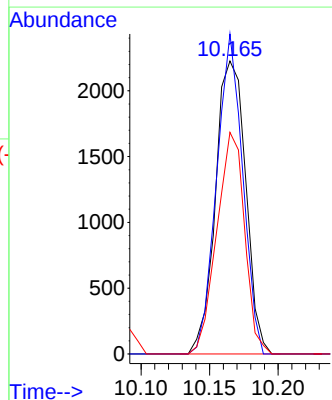
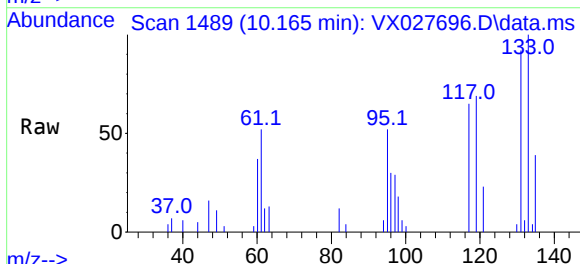
Manual Integrations
APPROVED

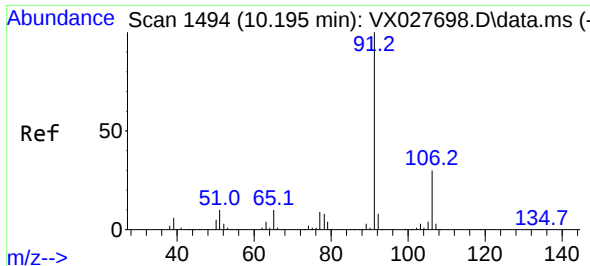
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.786 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

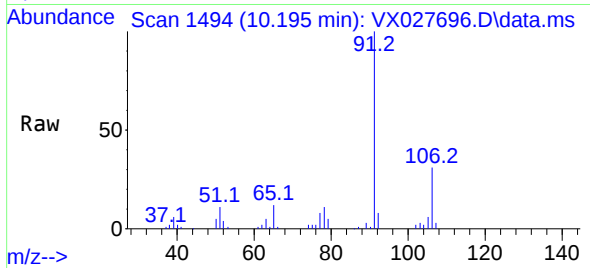
Tgt Ion:131 Resp: 3412
Ion Ratio Lower Upper
131 100
133 93.8 48.3 144.8
119 69.5 32.6 98.0





#67
Ethyl Benzene
Concen: 5.596 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

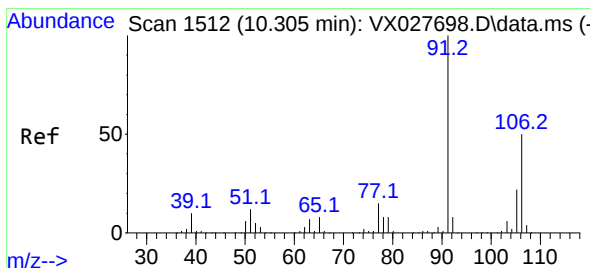
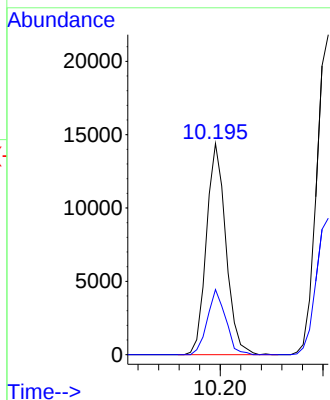
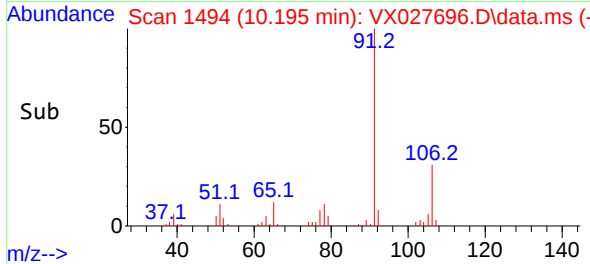
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



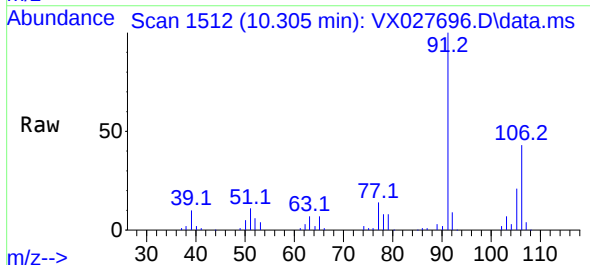
Tgt Ion: 91 Resp: 1890
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

Manual Integrations
APPROVED

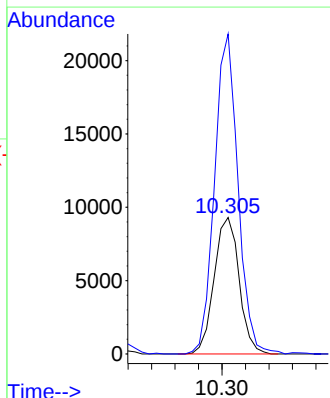
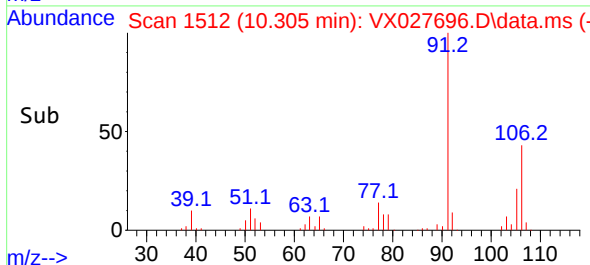
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

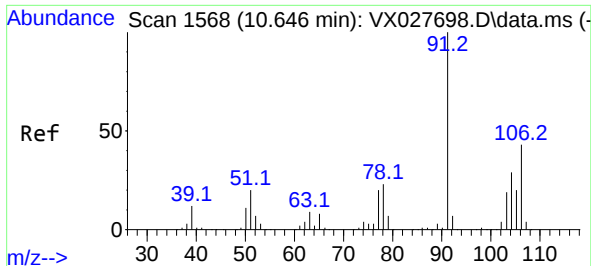


#68
m/p-Xylenes
Concen: 10.434 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion:106 Resp: 13719
Ion Ratio Lower Upper
106 100
91 220.3 160.4 240.6





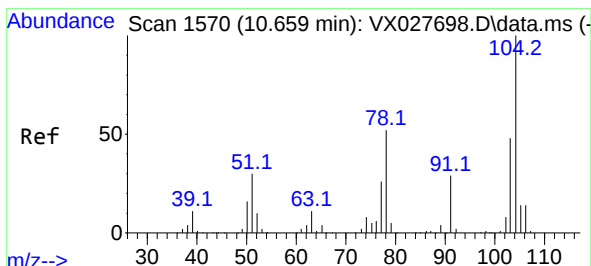
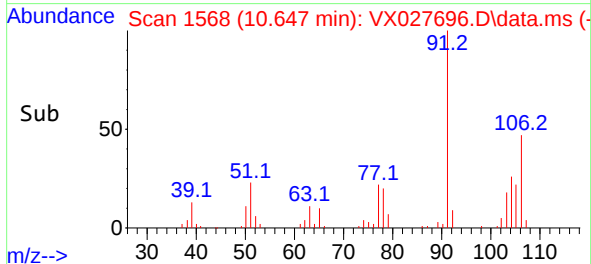
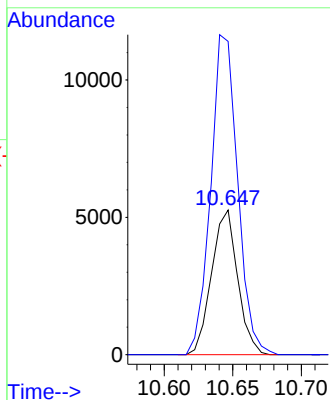
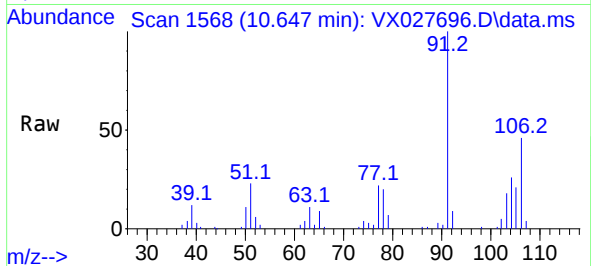
#69
o-Xylene
Concen: 5.465 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6969
Ion Ratio Lower Upper
106 100
91 228.5 106.1 318.1

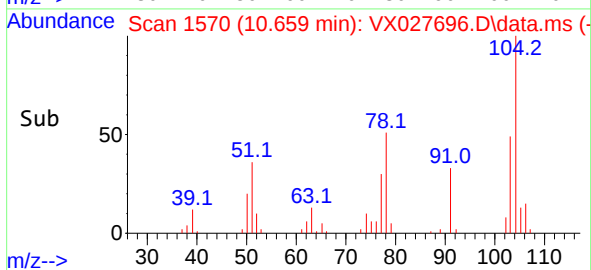
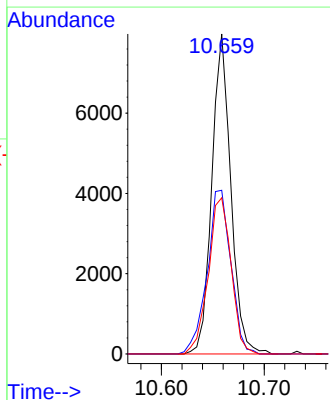
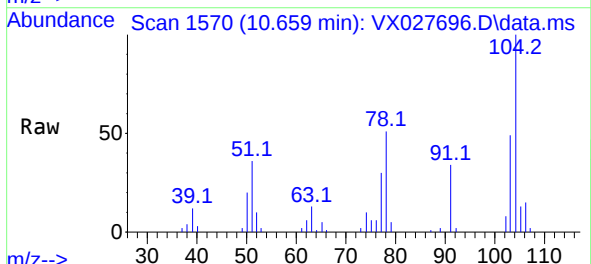
Manual Integrations
APPROVED

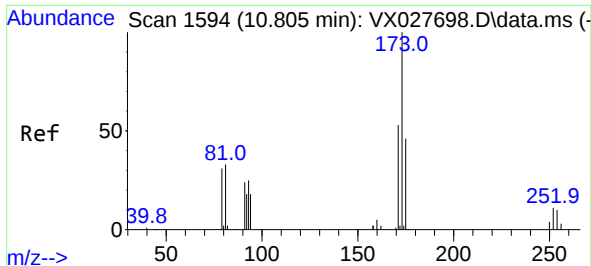
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 4.903 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Tgt Ion:104 Resp: 10215
Ion Ratio Lower Upper
104 100
78 63.9 38.6 57.8#
103 58.6 43.8 65.8





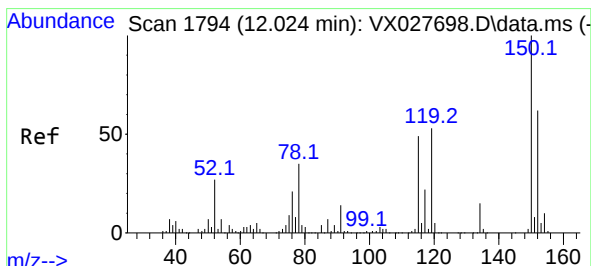
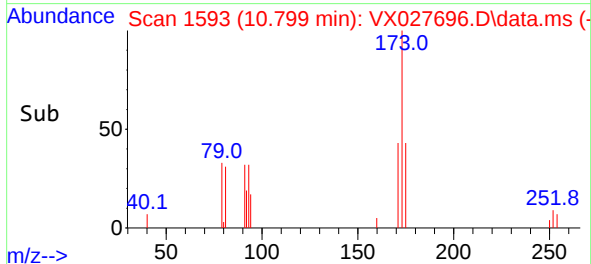
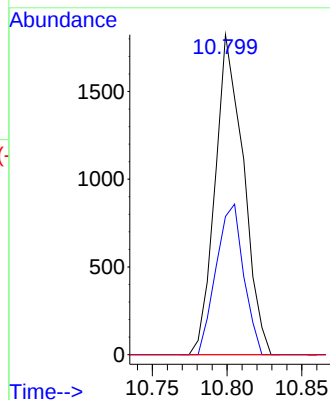
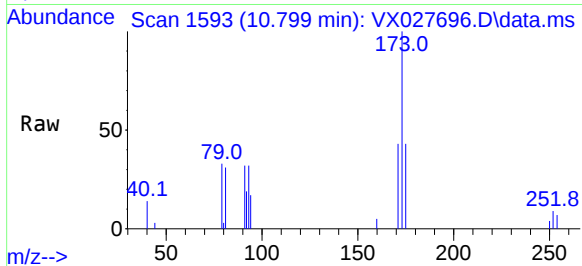
#71
Bromoform
Concen: 4.270 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 240
Ion Ratio Lower Upper
173 100
175 45.5 24.1 72.2
254 0.0 0.1 0.1

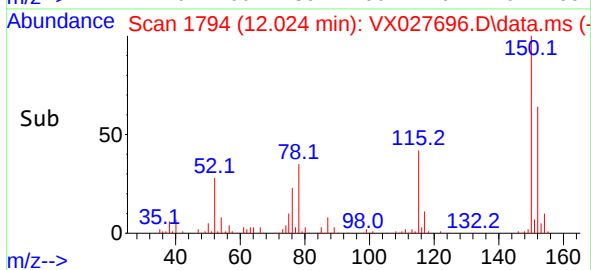
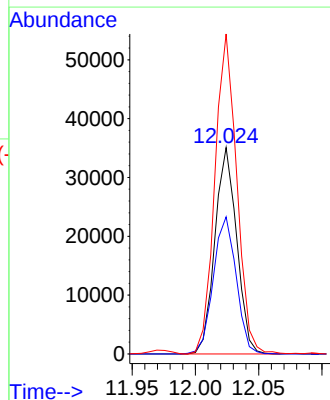
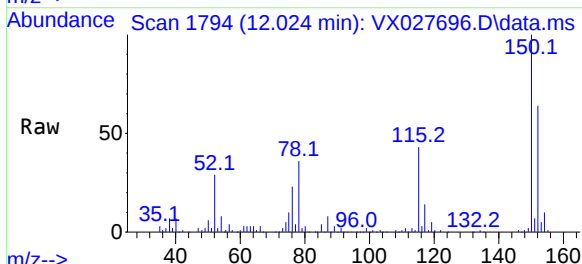
Manual Integrations
APPROVED

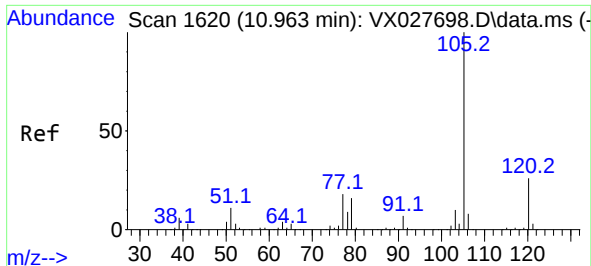
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

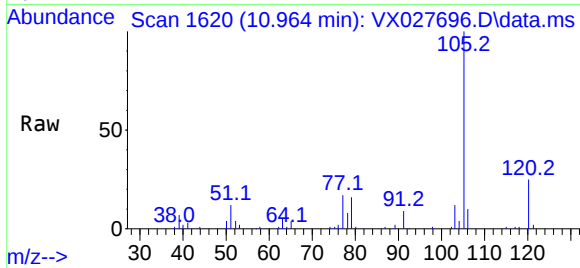
Tgt Ion:152 Resp: 41990
Ion Ratio Lower Upper
152 100
115 69.7 37.5 112.7
150 155.6 0.0 338.2





#73
Isopropylbenzene
Concen: 5.867 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

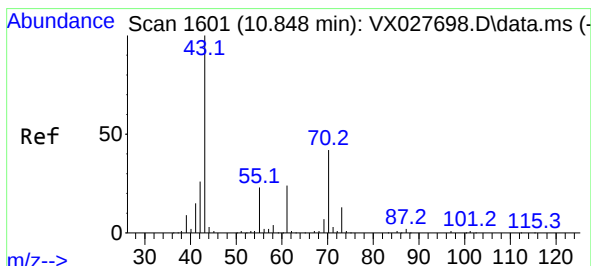
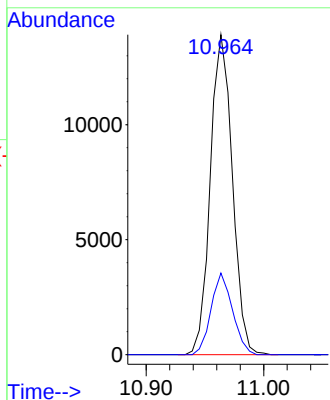
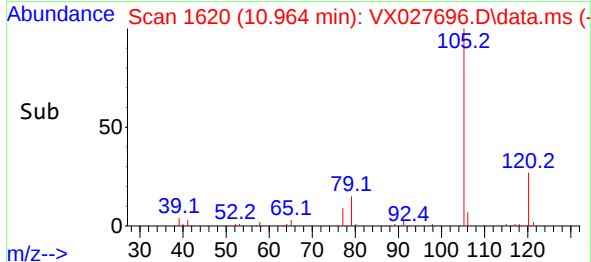
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



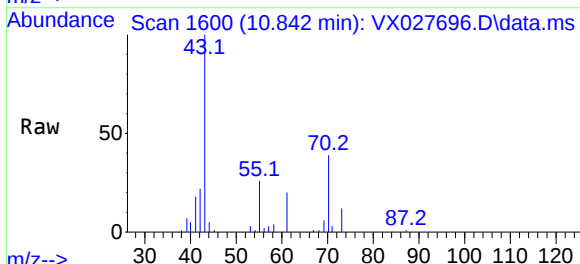
Tgt Ion:105 Resp: 18164
Ion Ratio Lower Upper
105 100
120 24.8 13.5 40.5

Manual Integrations
APPROVED

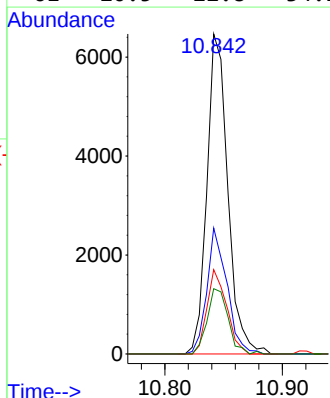
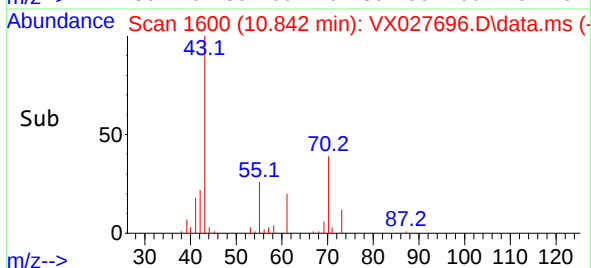
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

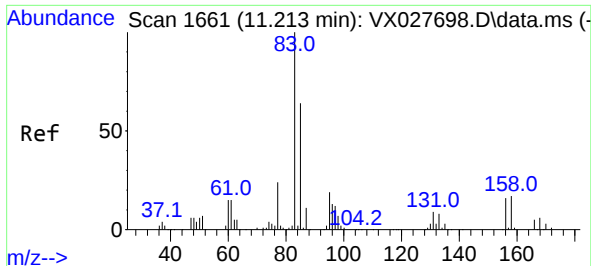


#74
N-ethyl acetate
Concen: 6.820 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



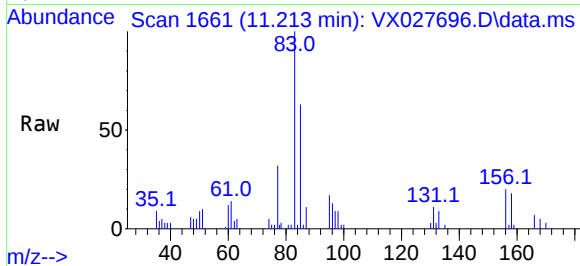
Tgt Ion: 43 Resp: 7970
Ion Ratio Lower Upper
43 100
70 37.8 42.5 63.7#
55 24.8 23.1 34.7
61 20.5 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 6.580 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

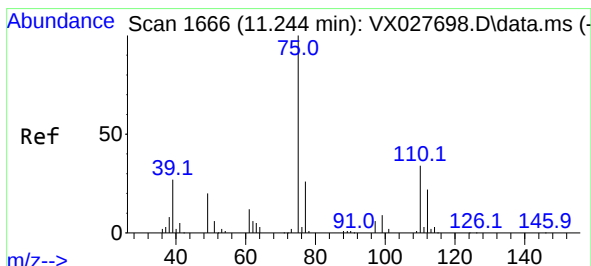
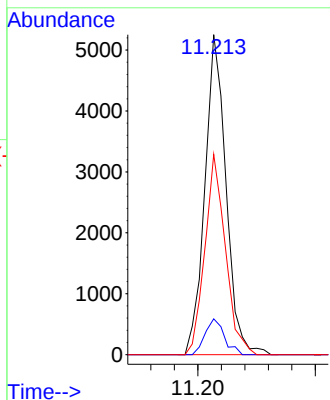
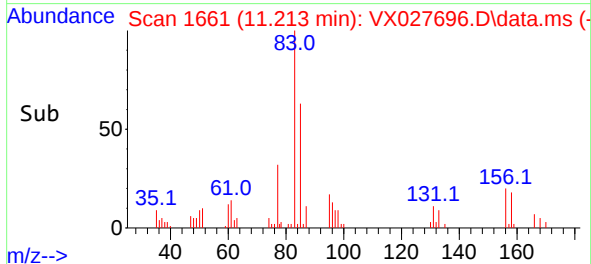
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



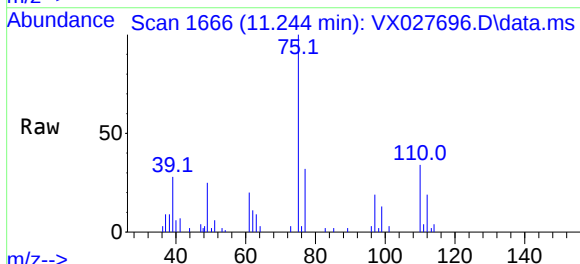
Tgt Ion: 83 Resp: 656
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 60.8 32.6 97.7

Manual Integrations
APPROVED

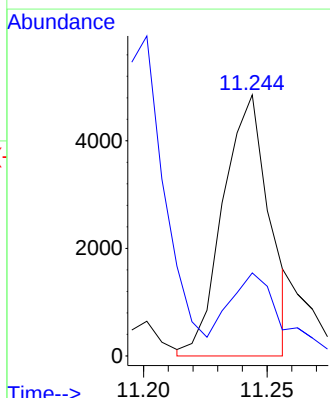
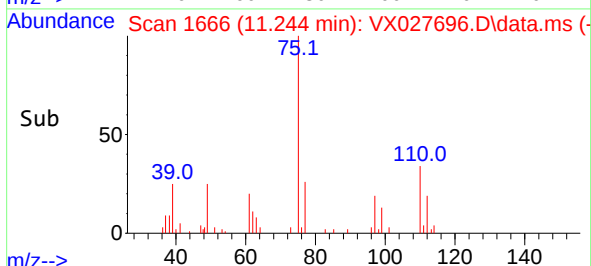
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

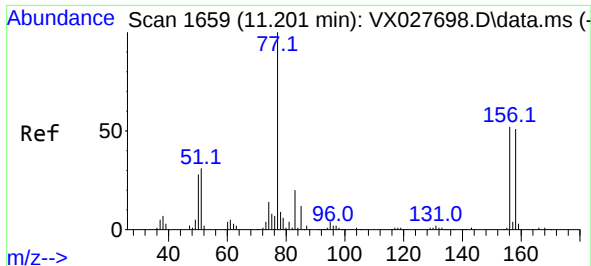


#76
1,2,3-Trichloropropane
Concen: 6.901 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



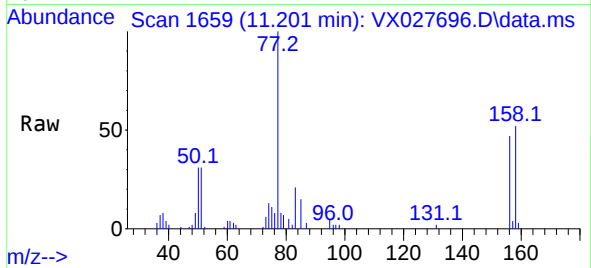
Tgt Ion: 75 Resp: 6311
Ion Ratio Lower Upper
75 100
77 36.6 19.4 58.2





#77
Bromobenzene
Concen: 5.260 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

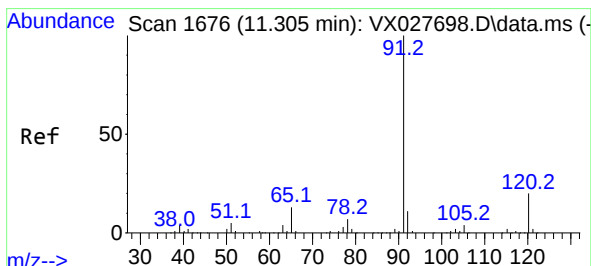
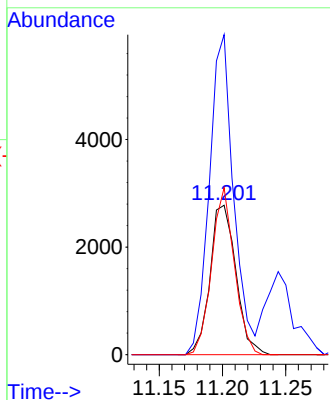
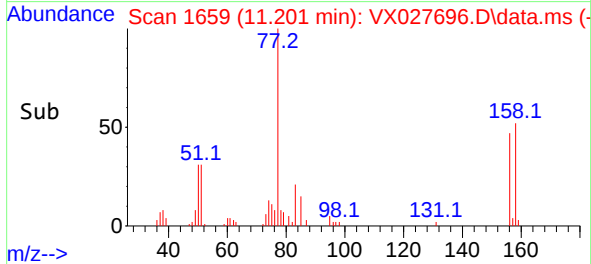
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



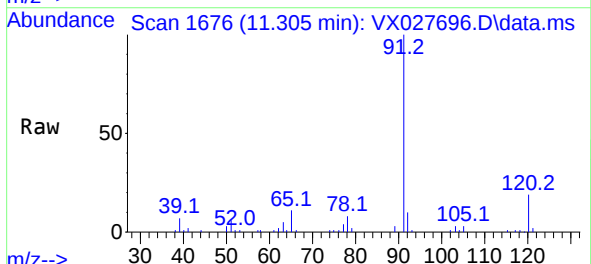
Tgt Ion:156 Resp: 397
Ion Ratio Lower Upper
156 100
77 199.7 78.5 235.3
158 97.7 50.2 150.7

Manual Integrations
APPROVED

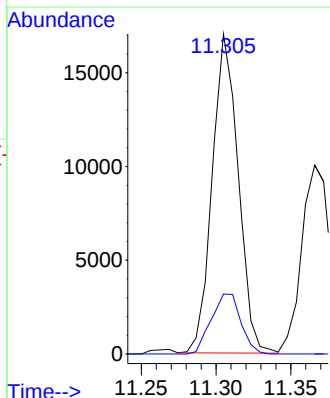
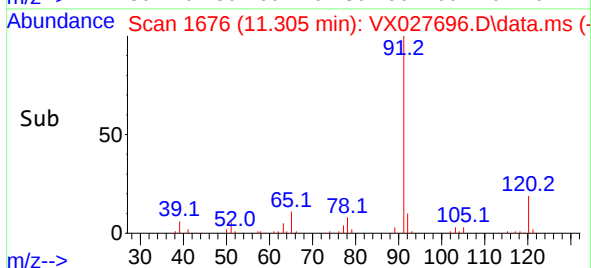
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

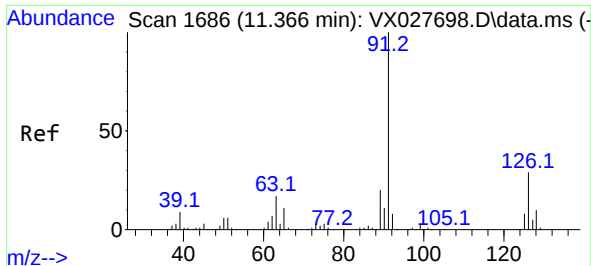


#78
n-propylbenzene
Concen: 5.973 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 91 Resp: 20570
Ion Ratio Lower Upper
91 100
120 21.4 11.6 34.8





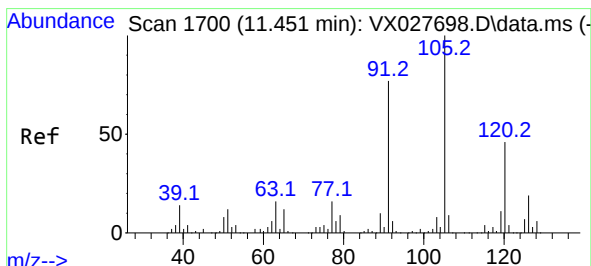
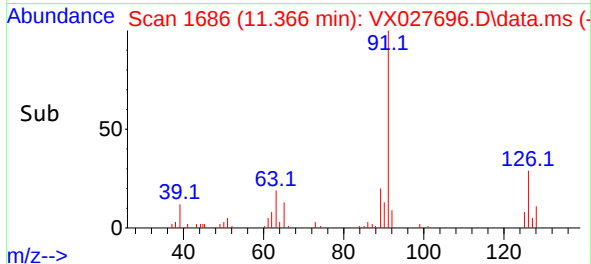
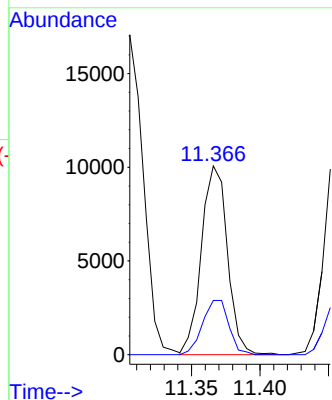
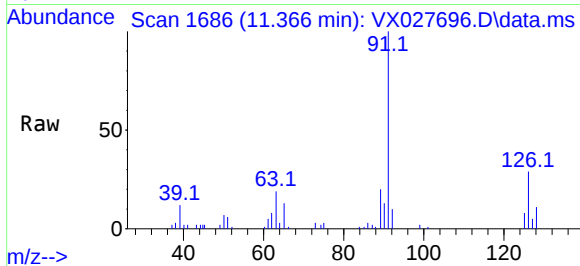
#79
2-Chlorotoluene
Concen: 6.192 ug/l
RT: 11.366 min Scan# 11338
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 13338
Ion Ratio Lower Upper
91 100
126 29.0 17.3 51.9

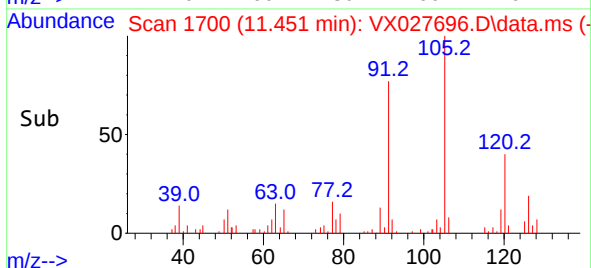
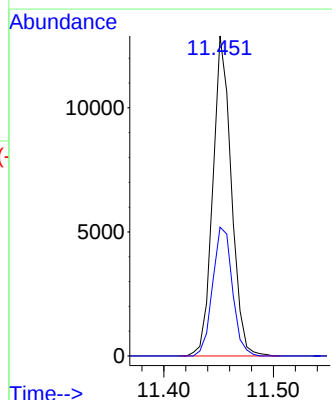
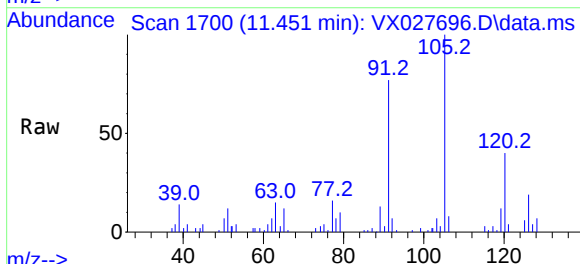
Manual Integrations
APPROVED

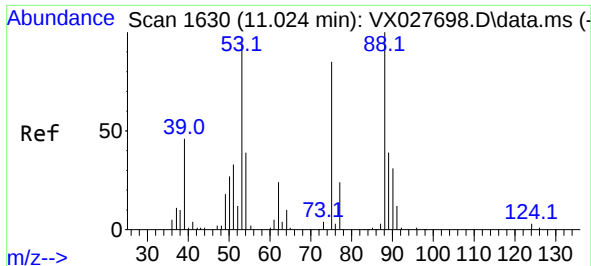
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.796 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

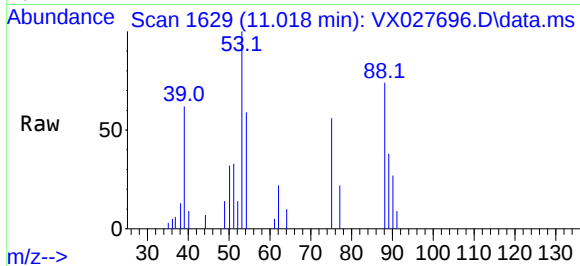
Tgt Ion:105 Resp: 15120
Ion Ratio Lower Upper
105 100
120 42.9 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 4.512 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

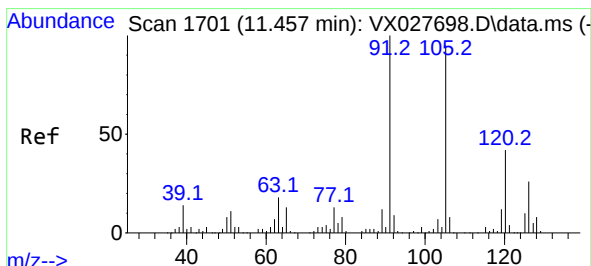
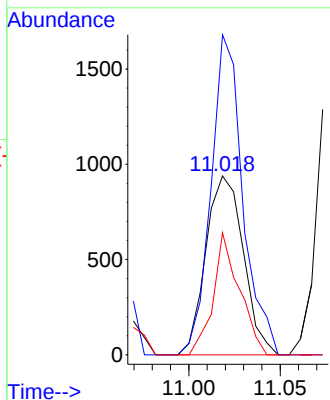
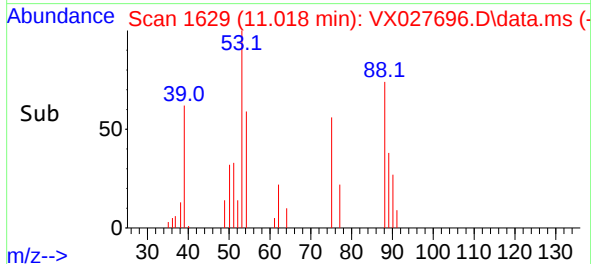
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



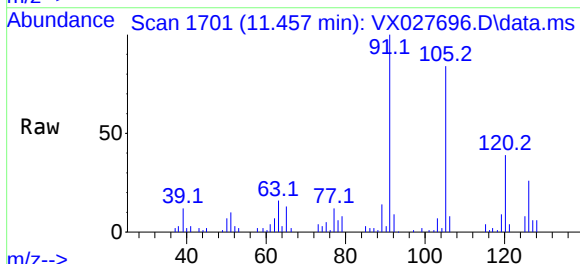
Tgt Ion: 75 Resp: 1339
Ion Ratio Lower Upper
75 100
53 152.1 69.0 103.4
89 47.6 37.0 55.6

Manual Integrations
APPROVED

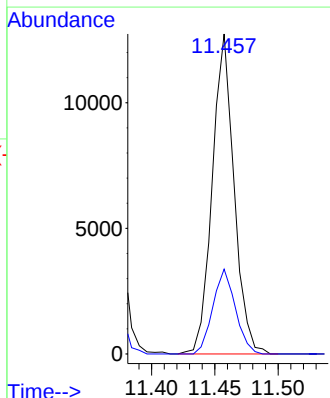
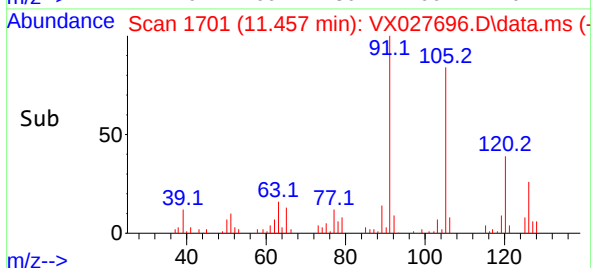
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

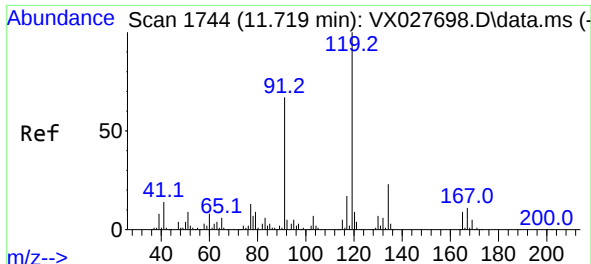


#82
4-Chlorotoluene
Concen: 6.193 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 91 Resp: 15246
Ion Ratio Lower Upper
91 100
126 27.3 14.9 44.5





#83
tert-Butylbenzene
Concen: 5.404 ug/l
RT: 11.713 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

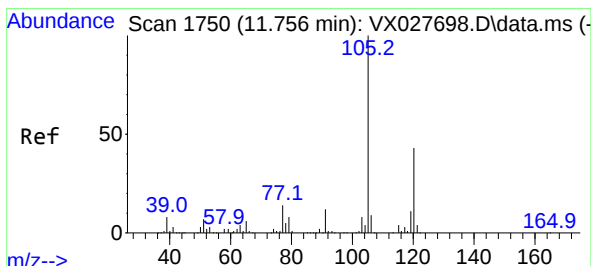
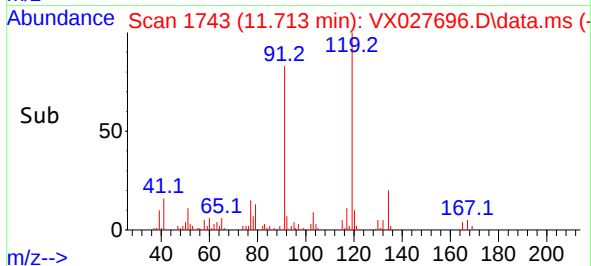
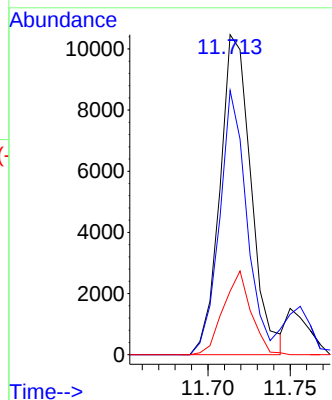
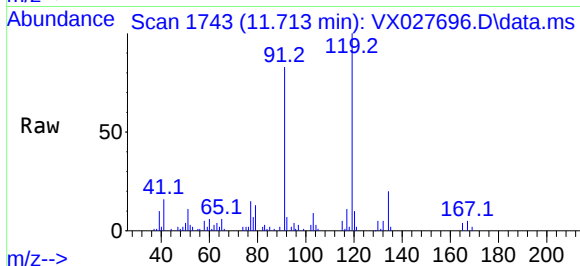
VSTDIC005

Tgt Ion:119 Resp: 13779
Ion Ratio Lower Upper
119 100
91 72.2 26.9 80.6
134 23.2 11.4 34.2

Manual Integrations

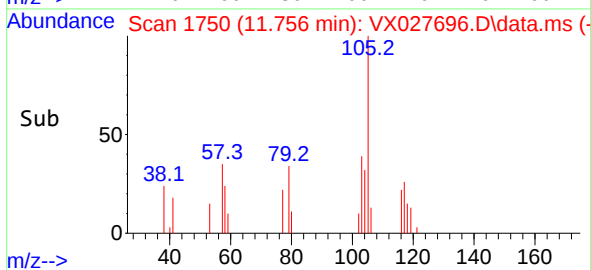
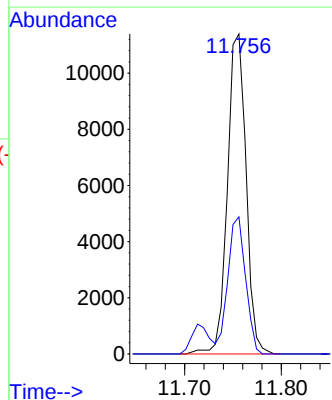
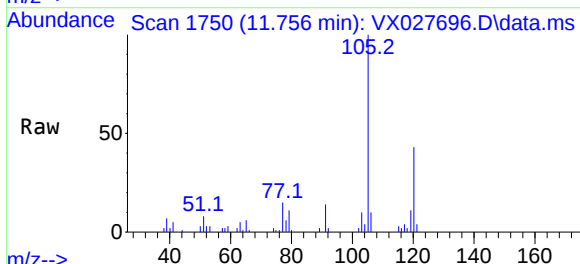
APPROVED

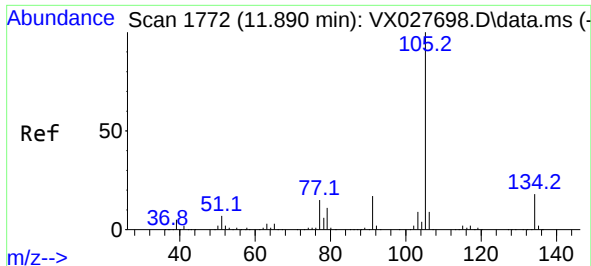
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.834 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

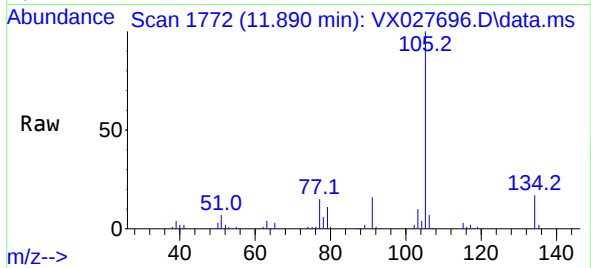
Tgt Ion:105 Resp: 15209
Ion Ratio Lower Upper
105 100
120 40.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 5.826 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027696.D
 Acq: 25 Mar 2022 12:31

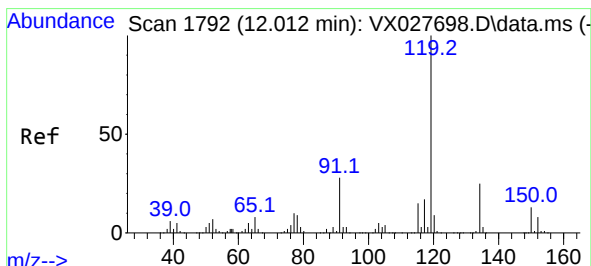
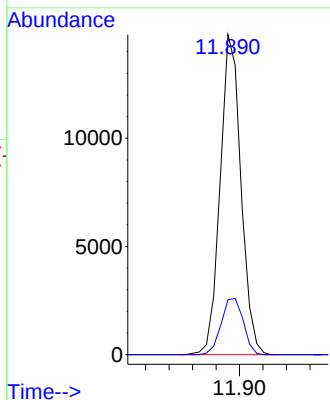
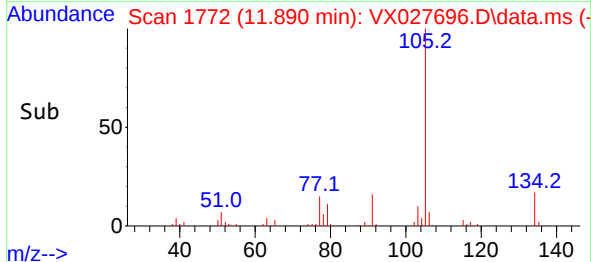
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



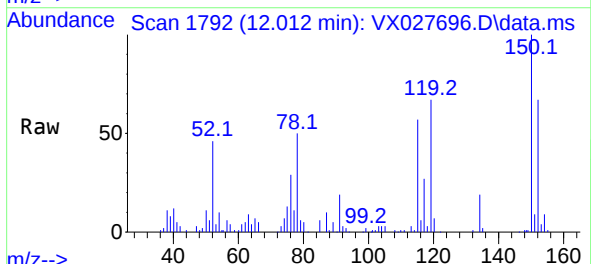
Tgt Ion:105 Resp: 1816
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.2 30.4

Manual Integrations
 APPROVED

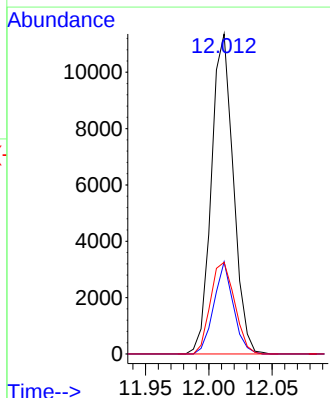
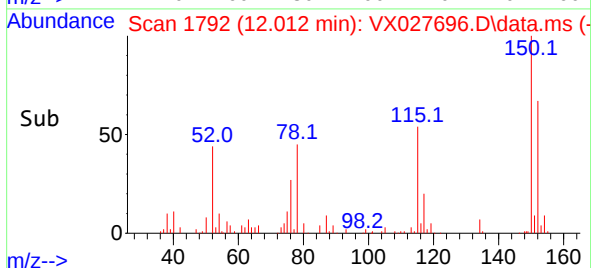
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

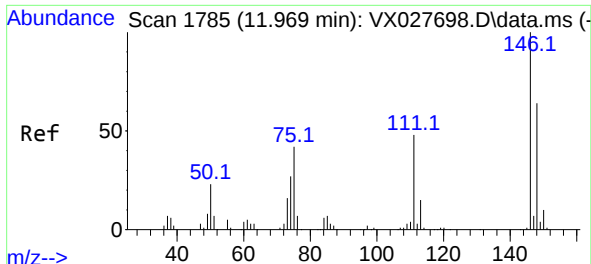


#86
 p-Isopropyltoluene
 Concen: 5.154 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027696.D
 Acq: 25 Mar 2022 12:31



Tgt Ion:119 Resp: 13664
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 31.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 5.417 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 7630

Ion Ratio Lower Upper

146 100

111 46.1 19.7 59.1

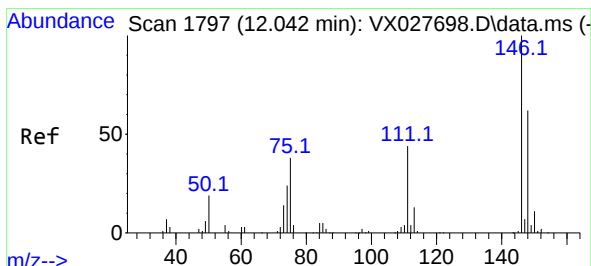
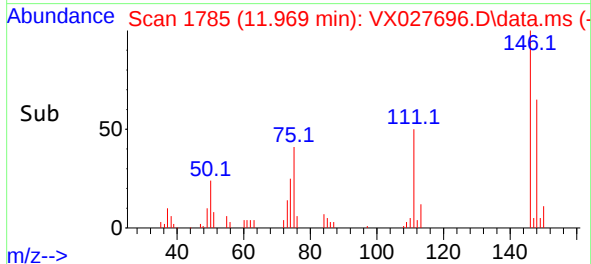
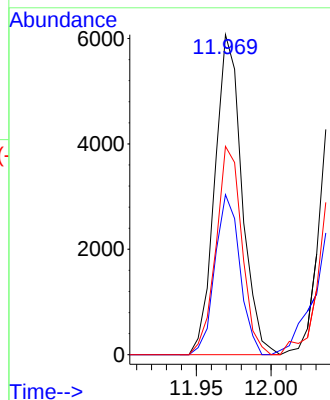
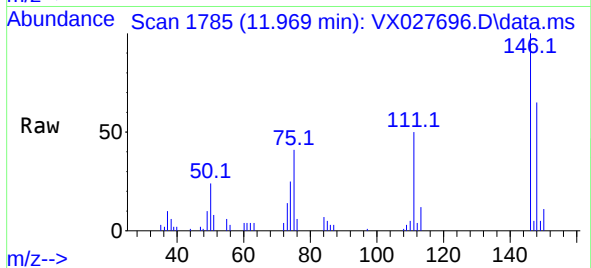
148 62.2 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#88

1,4-Dichlorobenzene

Concen: 5.376 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027696.D

Acq: 25 Mar 2022 12:31

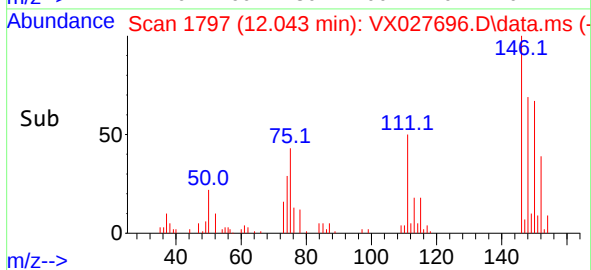
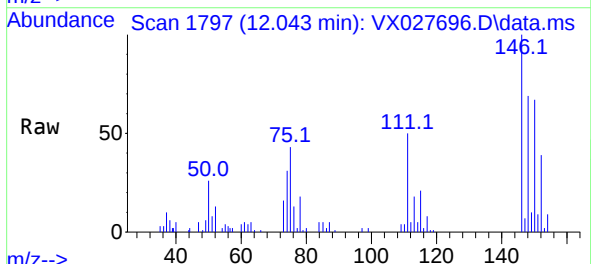
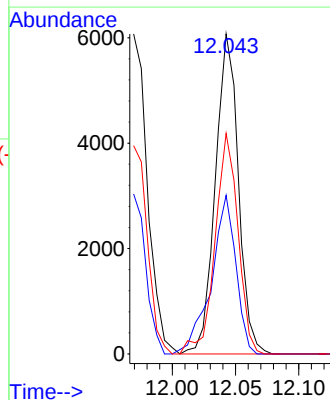
Tgt Ion:146 Resp: 7680

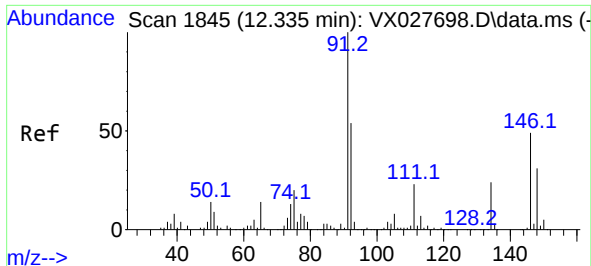
Ion Ratio Lower Upper

146 100

111 52.9 19.2 57.6

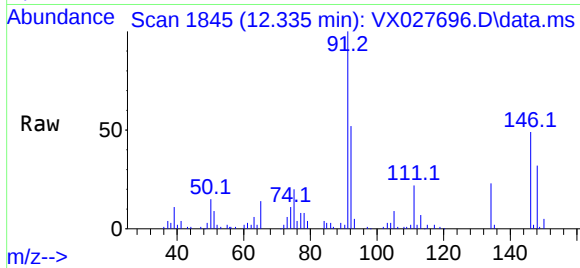
148 68.5 32.3 96.9





#89
n-Butylbenzene
Concen: 5.727 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

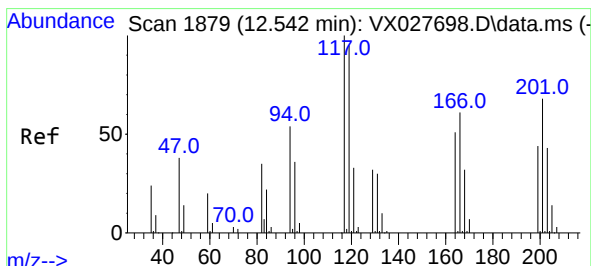
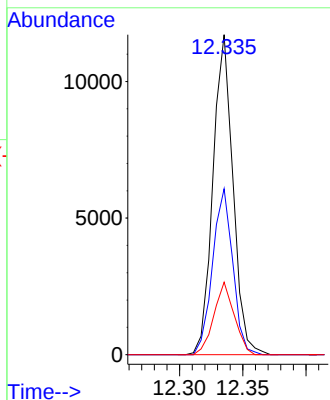
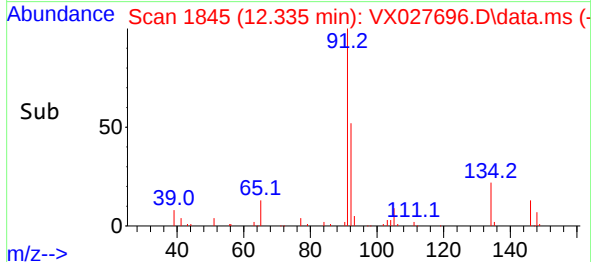
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 1289
Ion Ratio Lower Upper
91 100
92 52.2 27.8 83.3
134 23.1 13.3 39.8

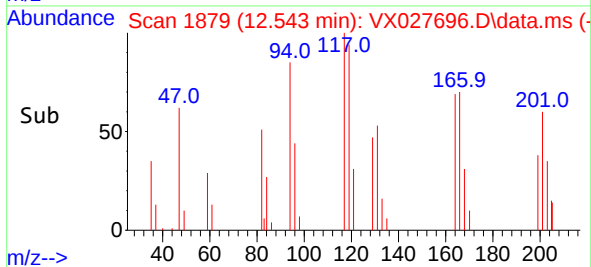
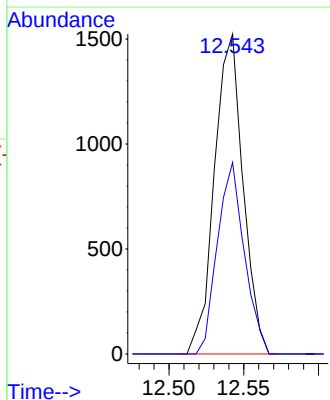
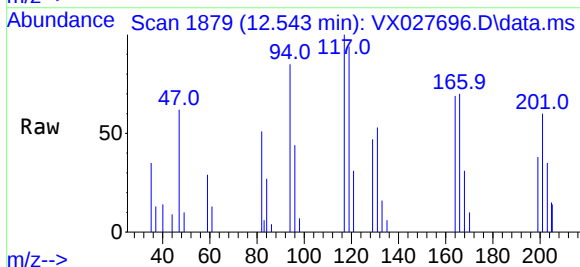
Manual Integrations
APPROVED

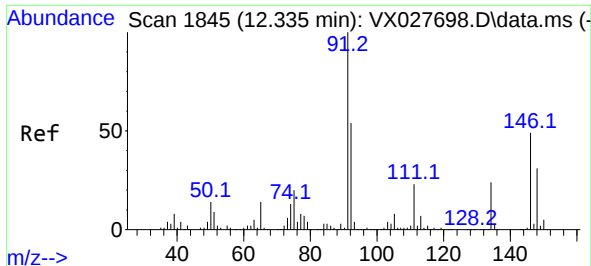
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 4.816 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

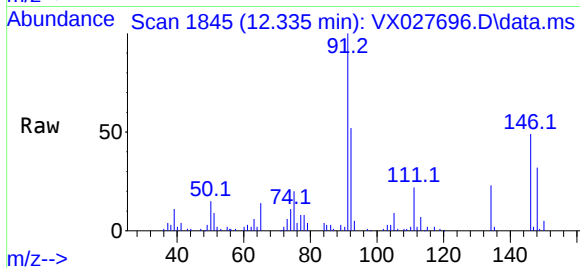
Tgt Ion:117 Resp: 2026
Ion Ratio Lower Upper
117 100
201 56.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 5.119 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

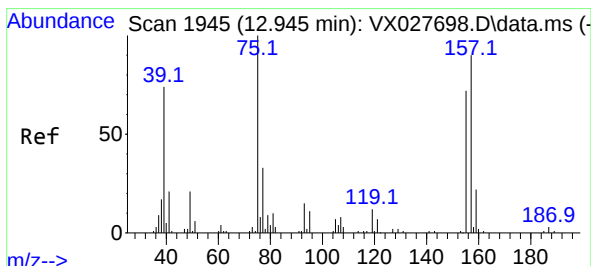
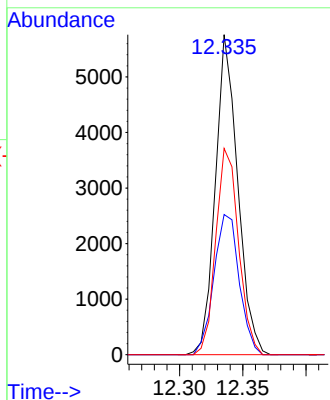
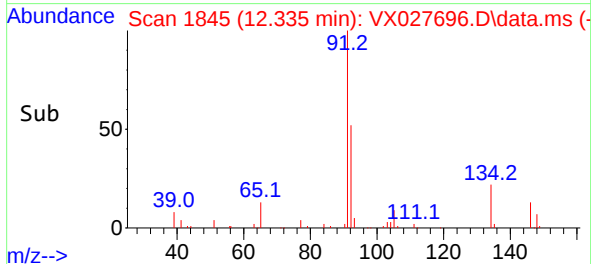
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



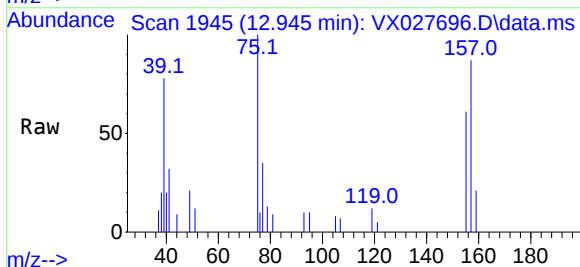
Tgt Ion:146 Resp: 706
Ion Ratio Lower Upper
146 100
111 49.6 21.0 63.0
148 65.6 32.6 97.7

Manual Integrations
APPROVED

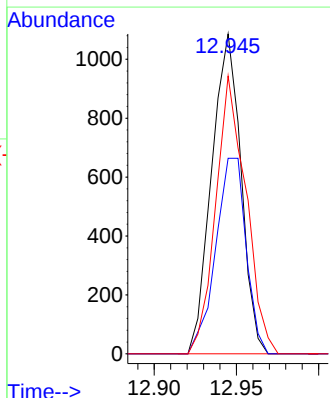
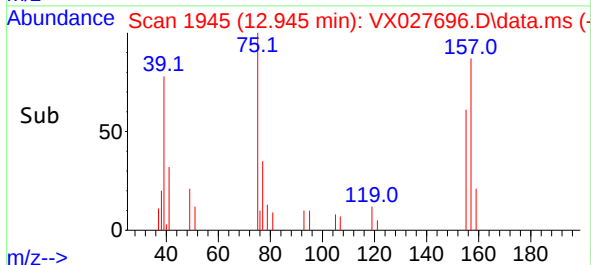
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

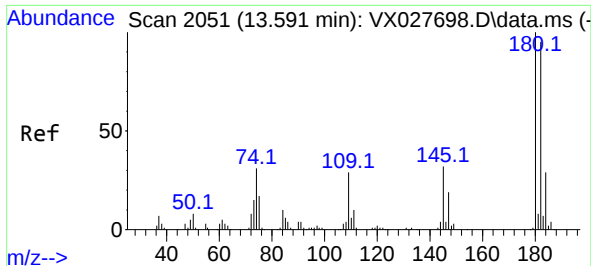


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.821 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion: 75 Resp: 1342
Ion Ratio Lower Upper
75 100
155 63.8 47.0 141.2
157 89.6 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 4.333 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

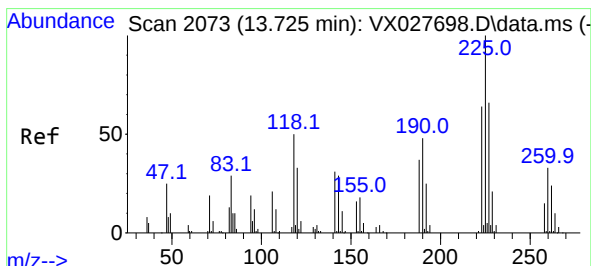
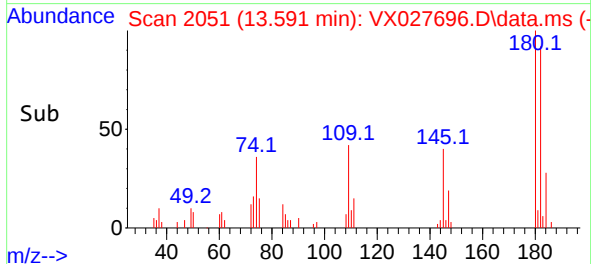
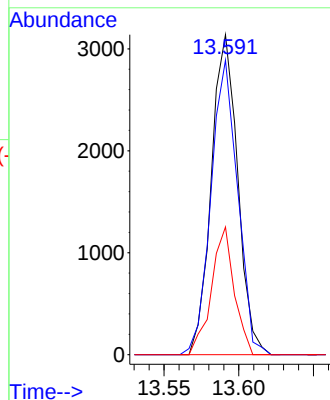
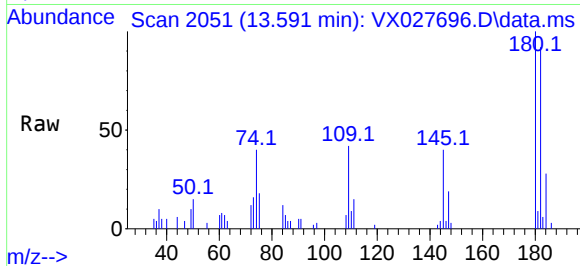
VSTDIC005

Tgt Ion:180 Resp: 384
Ion Ratio Lower Upper
180 100
182 93.1 47.7 143.1
145 34.4 15.2 45.5

Manual Integrations

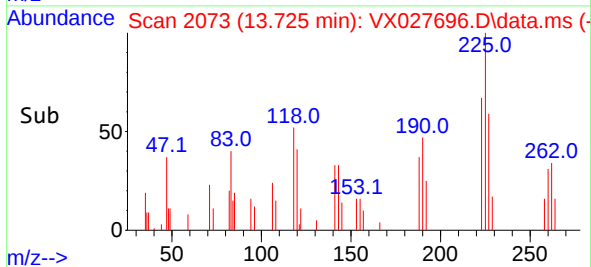
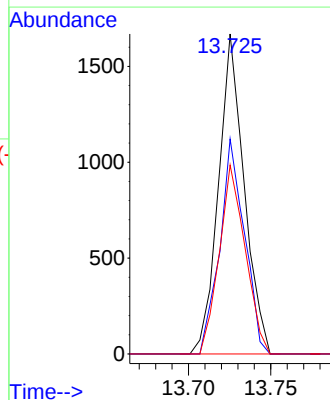
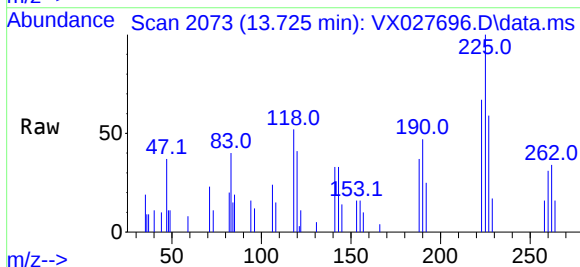
APPROVED

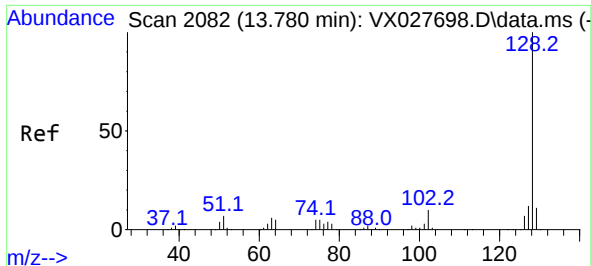
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#94
Hexachlorobutadiene
Concen: 4.594 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

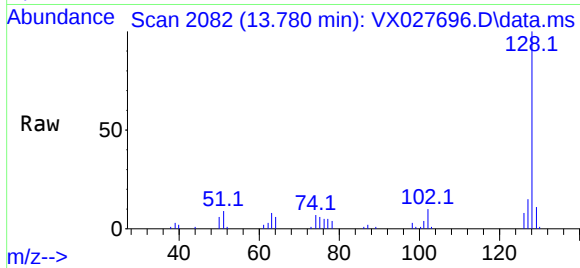
Tgt Ion:225 Resp: 1812
Ion Ratio Lower Upper
225 100
223 64.7 34.2 102.5
227 59.8 33.9 101.7





#95
Naphthalene
Concen: 4.665 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31

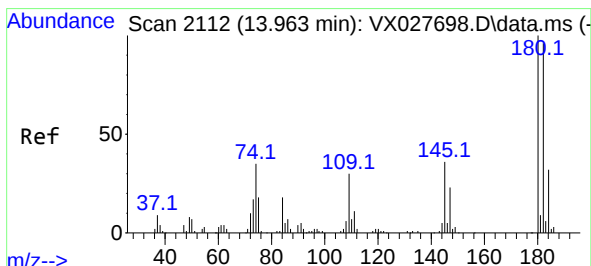
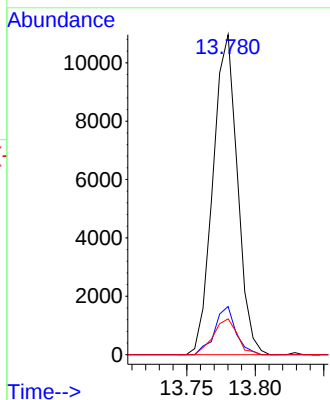
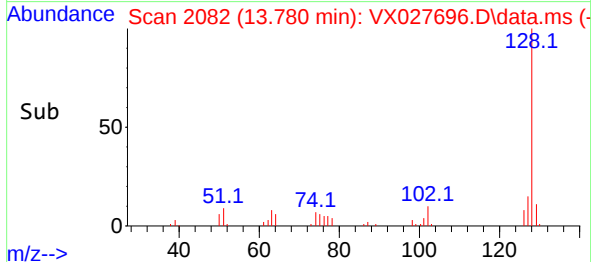
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



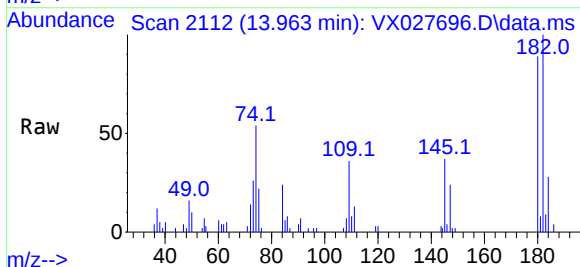
Tgt Ion:128 Resp: 13608
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 4.185 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027696.D
Acq: 25 Mar 2022 12:31



Tgt Ion:180 Resp: 3743
Ion Ratio Lower Upper
180 100
182 105.8 50.0 149.8
145 37.4 16.2 48.5

