

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027698.D
 Acq On : 25 Mar 2022 13:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 14:00:19 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	67372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103873	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48637	57.237	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.480%			
35) Dibromofluoromethane	5.385	113	32899	46.049	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.100%			
50) Toluene-d8	8.653	98	129704	47.948	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.085	95	52657	51.735	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42768	63.855	ug/l	98
3) Chloromethane	1.294	50	38909	64.743	ug/l	100
4) Vinyl Chloride	1.374	62	39085	57.931	ug/l	97
5) Bromomethane	1.599	94	13748	39.104	ug/l	99
6) Chloroethane	1.678	64	22228	54.473	ug/l	98
7) Trichlorofluoromethane	1.880	101	55050	50.709	ug/l	99
8) Diethyl Ether	2.136	74	20044	49.825	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	35504	54.138	ug/l	94
10) Methyl Iodide	2.453	142	39244	47.229	ug/l	# 89
11) Tert butyl alcohol	2.971	59	53024	320.533	ug/l	100
12) 1,1-Dichloroethene	2.319	96	34045	53.959	ug/l	96
13) Acrolein	2.233	56	33301	269.543	ug/l	95
14) Allyl chloride	2.666	41	69310	66.831	ug/l	# 89
15) Acrylonitrile	3.068	53	129194	338.849	ug/l	99
16) Acetone	2.380	43	103619	295.928	ug/l	92
17) Carbon Disulfide	2.508	76	90104	55.803	ug/l	100
18) Methyl Acetate	2.703	43	61462	70.238	ug/l	# 88
19) Methyl tert-butyl Ether	3.117	73	132878	60.898	ug/l	98
20) Methylene Chloride	2.788	84	40676	54.758	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	36620	54.351	ug/l	# 82
22) Diisopropyl ether	3.770	45	130245	64.898	ug/l	94
23) Vinyl Acetate	3.727	43	589921	336.112	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	75736	62.576	ug/l	94
25) 2-Butanone	4.562	43	175465	327.843	ug/l	93
26) 2,2-Dichloropropane	4.483	77	54192	56.426	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	43041	55.104	ug/l	92
28) Bromochloromethane	4.897	49	29800	61.550	ug/l	# 80
29) Tetrahydrofuran	5.007	42	99314	297.435	ug/l	91
30) Chloroform	5.099	83	71666	55.250	ug/l	96
31) Cyclohexane	5.470	56	62063	58.549	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	62538	53.395	ug/l	97
36) 1,1-Dichloropropene	5.696	75	54247	53.240	ug/l	96
37) Ethyl Acetate	4.721	43	67849	64.602	ug/l	96
38) Carbon Tetrachloride	5.678	117	54162	47.634	ug/l	95
39) Methylcyclohexane	7.385	83	67651	52.816	ug/l	89
40) Benzene	6.044	78	163428	55.495	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37258	64.955	ug/l	89
42) 1,2-Dichloroethane	6.092	62	71164	62.897	ug/l	91
43) Isopropyl Acetate	6.342	43	111729	65.379	ug/l #	91
44) Trichloroethene	7.129	130	38953	45.136	ug/l	82
45) 1,2-Dichloropropane	7.434	63	42644	56.507	ug/l	94
46) Dibromomethane	7.586	93	31050	54.377	ug/l #	86
47) Bromodichloromethane	7.824	83	61605	56.991	ug/l	99
48) Methyl methacrylate	7.696	41	56708	67.170	ug/l #	80
49) 1,4-Dioxane	7.659	88	21039	1035.019	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	370275	340.291	ug/l	88
52) Toluene	8.720	92	100077	52.082	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	63391	57.788	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	68772	57.172	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	40817	52.456	ug/l	91
56) Ethyl methacrylate	9.116	69	71387	59.801	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	74030	57.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	183511	320.101	ug/l	90
59) 2-Hexanone	9.433	43	283540	338.810	ug/l	83
60) Dibromochloromethane	9.525	129	41196	48.759	ug/l	97
61) 1,2-Dibromoethane	9.610	107	43336	50.747	ug/l	99
64) Tetrachloroethene	9.275	164	35085	44.571	ug/l #	91
65) Chlorobenzene	10.079	112	103111	48.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	36310	46.662	ug/l	99
67) Ethyl Benzene	10.195	91	199307	54.067	ug/l	98
68) m/p-Xylenes	10.305	106	145063	101.088	ug/l	91
69) o-Xylene	10.646	106	70875	50.924	ug/l	86
70) Styrene	10.659	104	118545	52.128	ug/l #	92
71) Bromoform	10.805	173	26924	43.835	ug/l #	99
73) Isopropylbenzene	10.963	105	189077	55.694	ug/l	97
74) N-amyl acetate	10.848	43	91985	71.786	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	64128	58.638	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	63751m	63.579	ug/l	
77) Bromobenzene	11.201	156	39370	47.561	ug/l	74
78) n-propylbenzene	11.305	91	225662	59.757	ug/l	96
79) 2-Chlorotoluene	11.366	91	137032	58.014	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	161811	56.566	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.024	75	19366	59.519	ug/l #	74
82) 4-Chlorotoluene	11.457	91	159151	58.956	ug/l	94
83) tert-Butylbenzene	11.719	119	148812	53.231	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	163116	57.064	ug/l	93
85) sec-Butylbenzene	11.890	105	193857	56.701	ug/l	96
86) p-Isopropyltoluene	12.012	119	158070	54.374	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	75586	48.902	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	76131	48.606	ug/l	95
89) n-Butylbenzene	12.335	91	144937	58.713	ug/l	96
90) Hexachloroethane	12.542	117	24680	53.499	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	74724	49.368	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15468	61.188	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	48356	49.693	ug/l	99
94) Hexachlorobutadiene	13.725	225	22300	51.559	ug/l	95
95) Naphthalene	13.780	128	173843	54.347	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47208	48.142	ug/l	97

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QLast Update : Fri Mar 25 13:56:08 2022
Response via : Initial Calibration

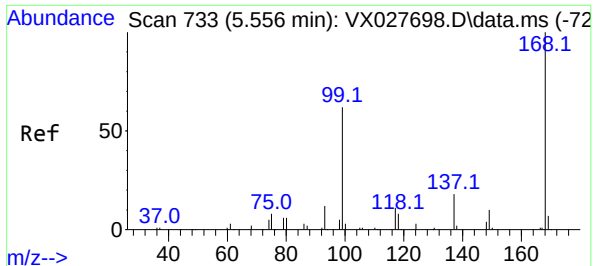
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

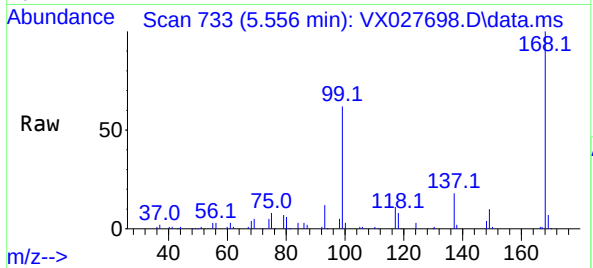
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

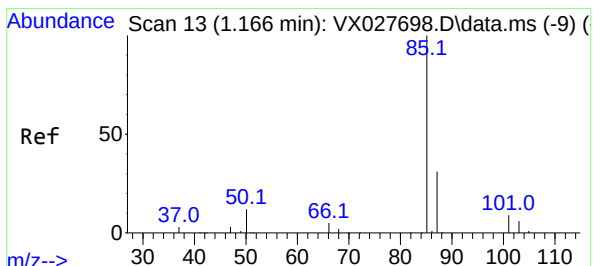
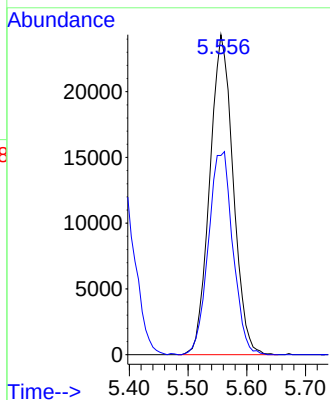
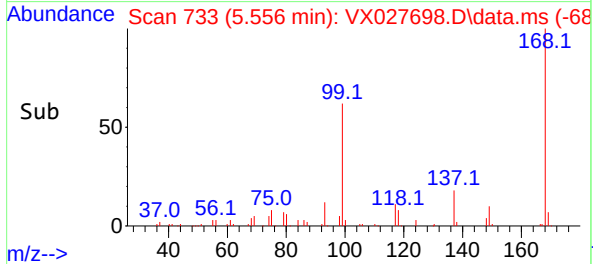
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 67372
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5

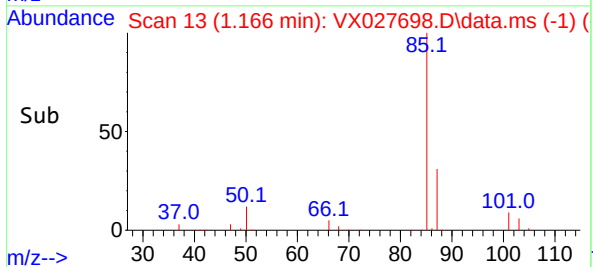
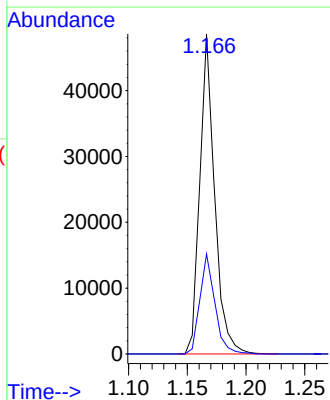
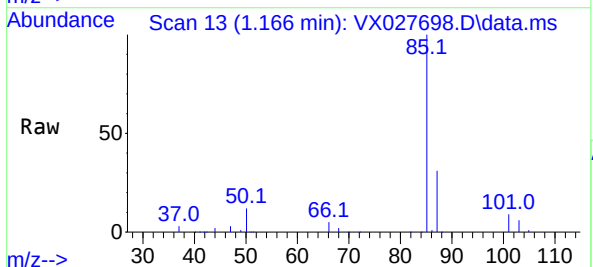
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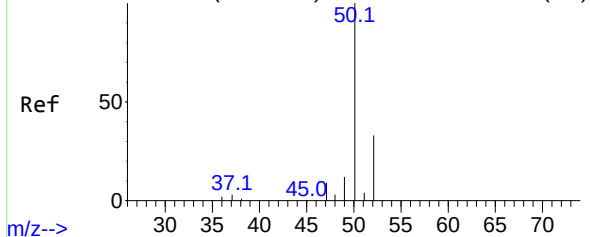


#2
Dichlorodifluoromethane
Concen: 63.855 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Tgt Ion: 85 Resp: 42768
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6



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



#3

Chloromethane

Concen: 64.743 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 38909

Ion Ratio Lower Upper

50 100

52 32.8 26.4 39.6

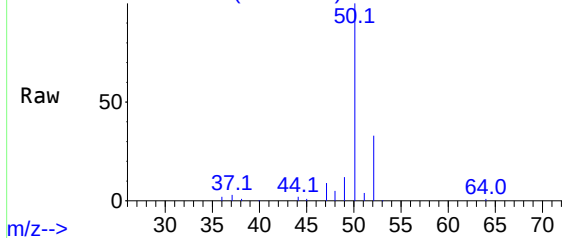
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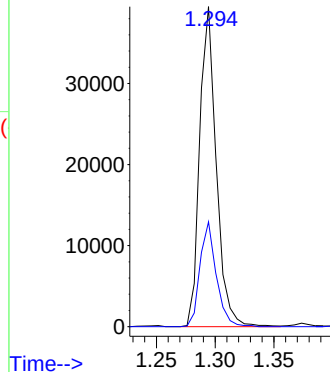
Reviewed By :John Carlone 03/26/2022

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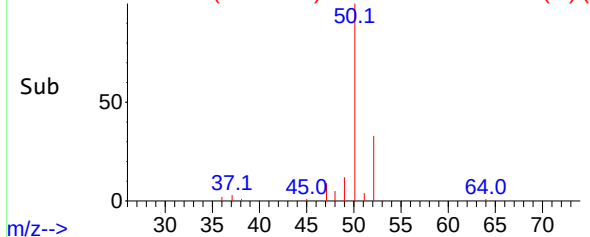
Abundance Scan 34 (1.294 min): VX027698.D\data.ms



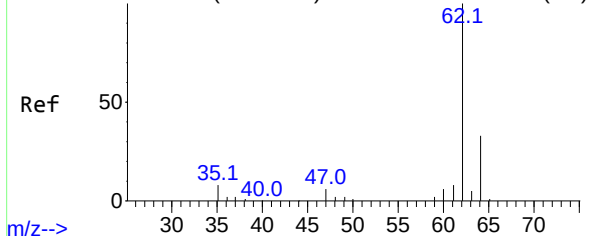
Abundance



Abundance Scan 34 (1.294 min): VX027698.D\data.ms (-1)



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



#4

Vinyl Chloride

Concen: 57.931 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

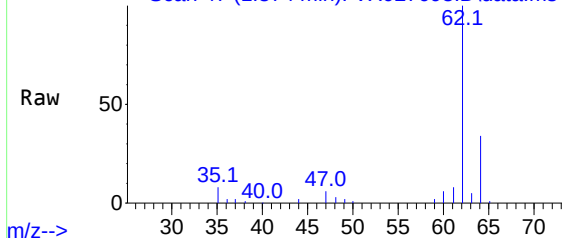
Tgt Ion: 62 Resp: 39085

Ion Ratio Lower Upper

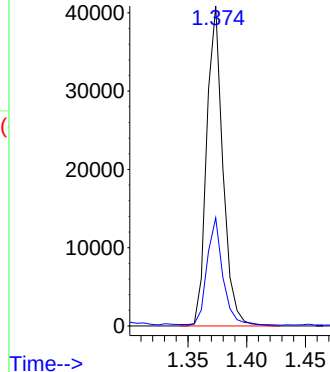
62 100

64 33.5 25.5 38.3

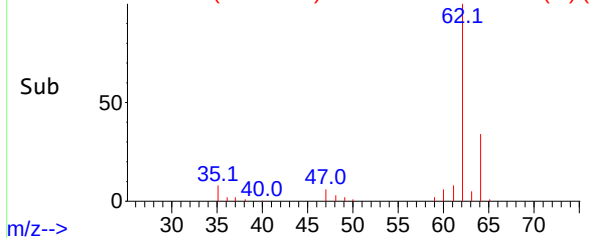
Abundance Scan 47 (1.374 min): VX027698.D\data.ms



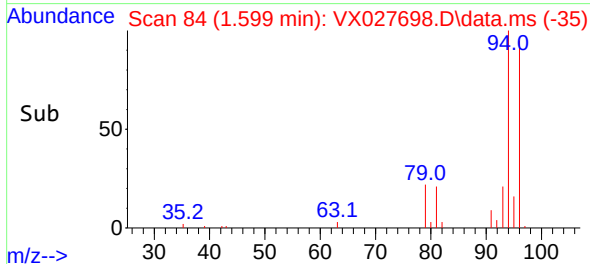
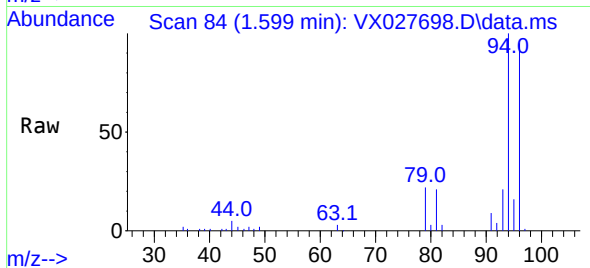
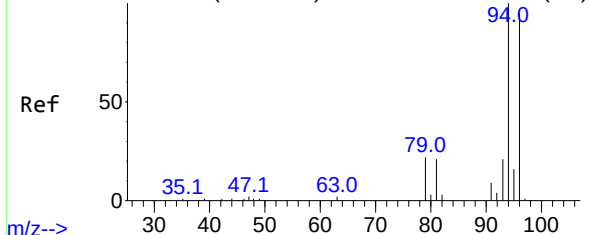
Abundance



Abundance Scan 47 (1.374 min): VX027698.D\data.ms (-1)



Abundance Scan 84 (1.599 min): VX027698.D\data.ms (-78)



#5
Bromomethane
Concen: 39.104 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Tgt Ion: 94 Resp: 13748
Ion Ratio Lower Upper
94 100
96 94.9 75.3 112.9

Instrument :

MSVOA_X

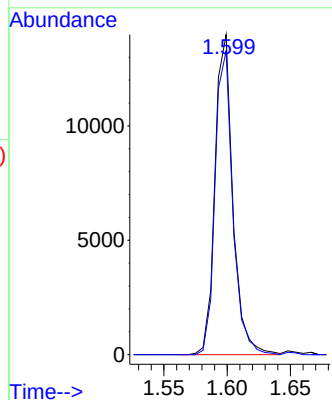
ClientSampleId :

VSTDICCC050

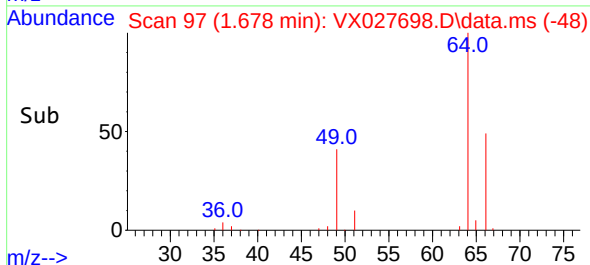
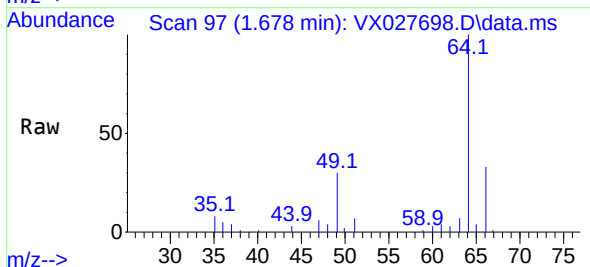
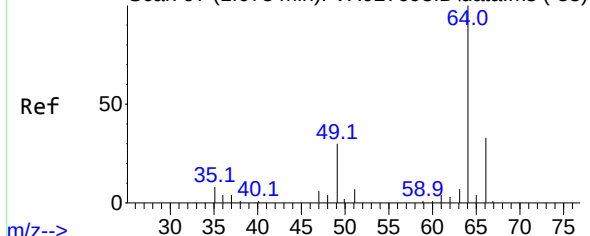
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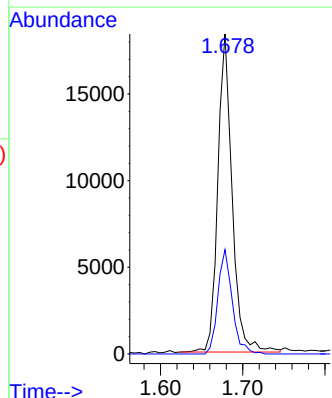


Abundance Scan 97 (1.678 min): VX027698.D\data.ms (-88)

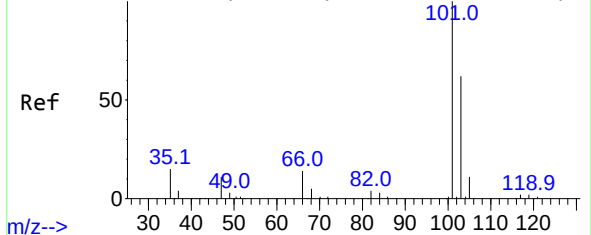


#6
Chloroethane
Concen: 54.473 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Tgt Ion: 64 Resp: 22228
Ion Ratio Lower Upper
64 100
66 32.8 25.3 37.9



Abundance Scan 130 (1.880 min): VX027698.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 50.709 ug/l

RT: 1.880 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:101 Resp: 55050

Ion Ratio Lower Upper

101 100

103 62.2 50.5 75.7

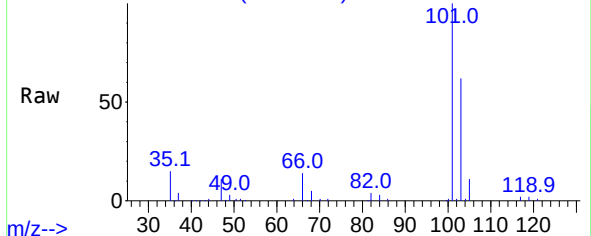
Manual Integrations

APPROVED

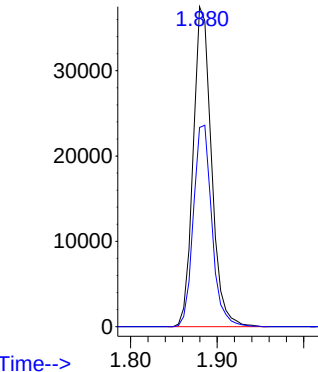
Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022

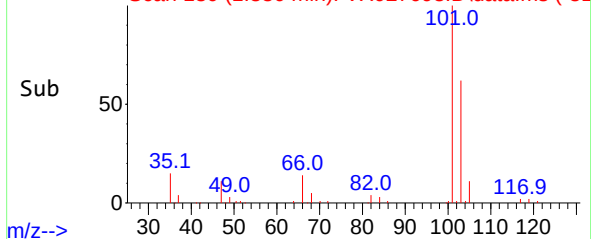
Abundance Scan 130 (1.880 min): VX027698.D\data.ms



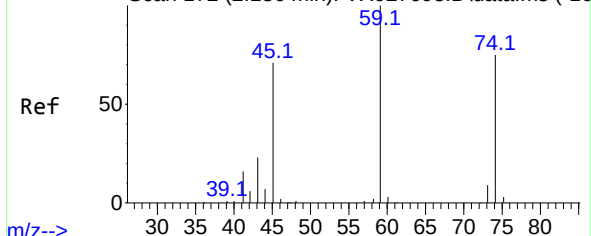
Abundance



Abundance Scan 130 (1.880 min): VX027698.D\data.ms (-81



Abundance Scan 172 (2.136 min): VX027698.D\data.ms (-16



#8

Diethyl Ether

Concen: 49.825 ug/l

RT: 2.136 min Scan# 172

Delta R.T. 0.000 min

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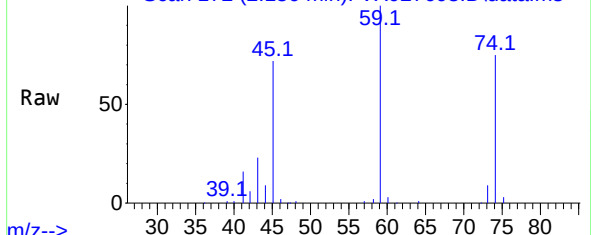
Tgt Ion: 74 Resp: 20044

Ion Ratio Lower Upper

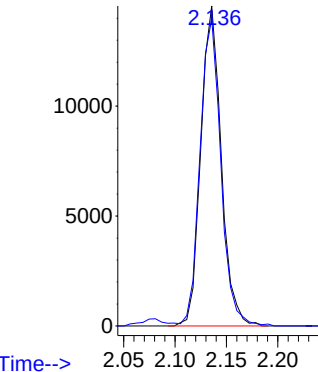
74 100

45 98.5 42.0 126.0

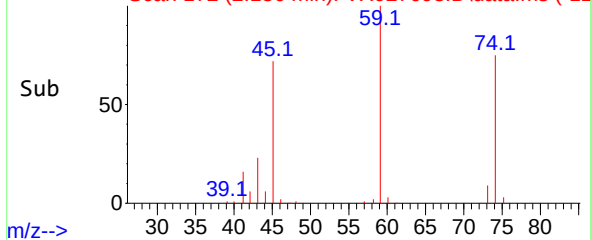
Abundance Scan 172 (2.136 min): VX027698.D\data.ms

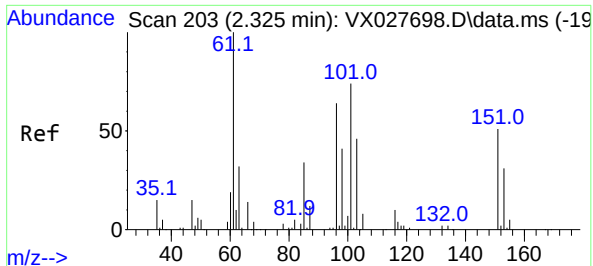


Abundance



Abundance Scan 172 (2.136 min): VX027698.D\data.ms (-12





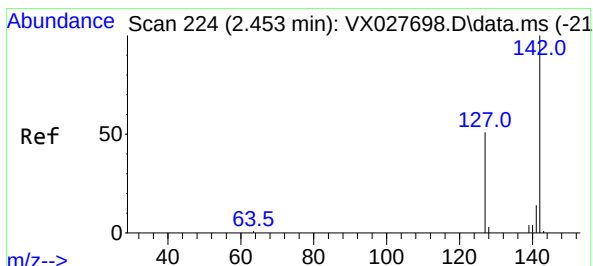
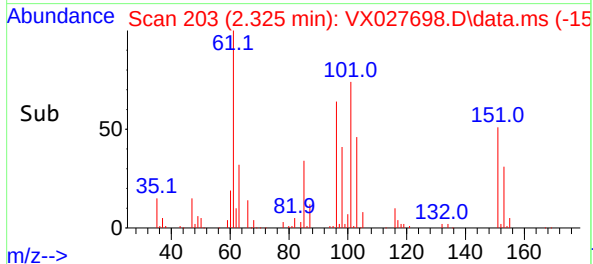
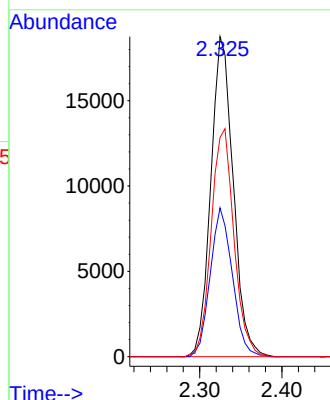
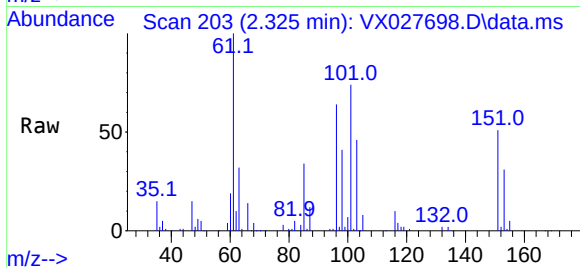
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.138 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 35504
Ion Ratio Lower Upper
101 100
85 45.9 33.5 50.3
151 72.5 61.8 92.6

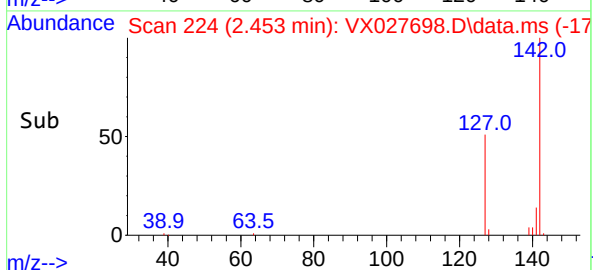
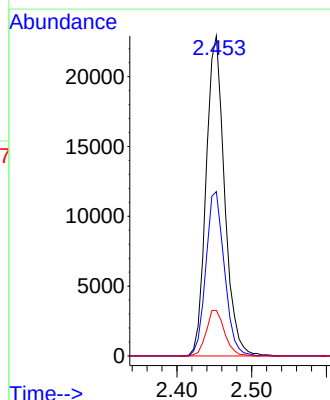
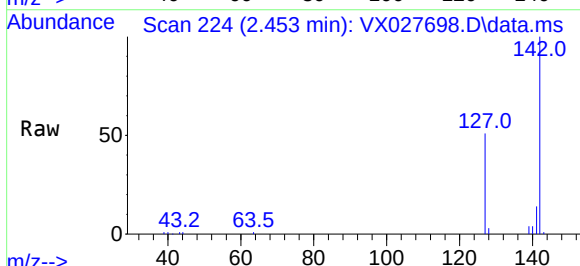
Manual Integrations
APPROVED

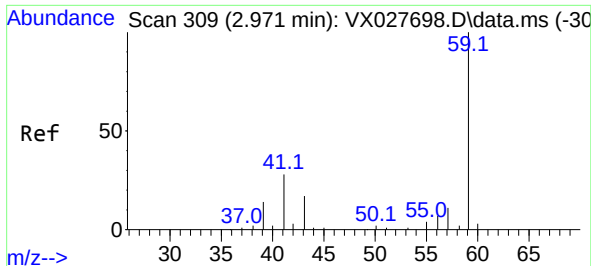
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 47.229 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

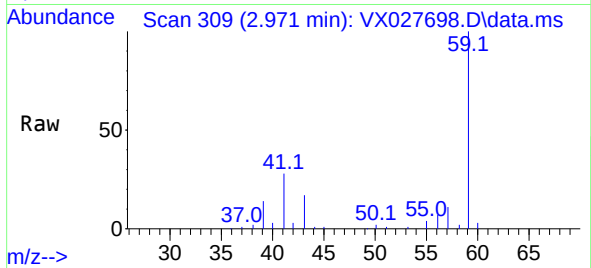
Tgt Ion:142 Resp: 39244
Ion Ratio Lower Upper
142 100
127 51.6 33.9 50.9#
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 320.533 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

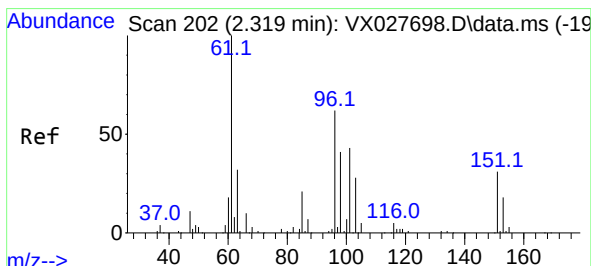
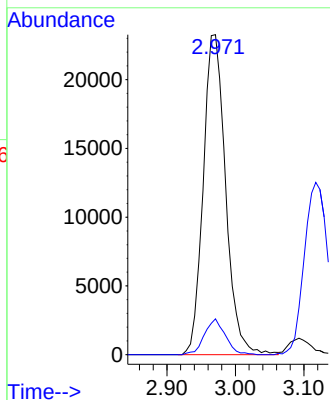
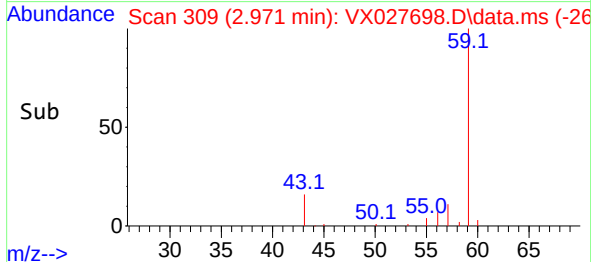
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



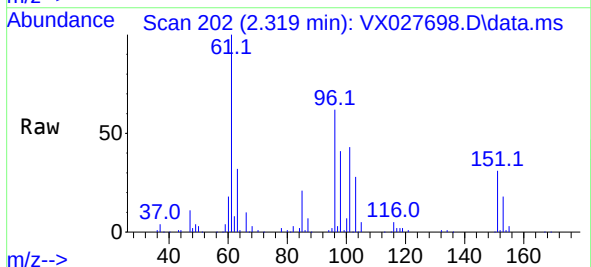
Tgt Ion: 59 Resp: 53024
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

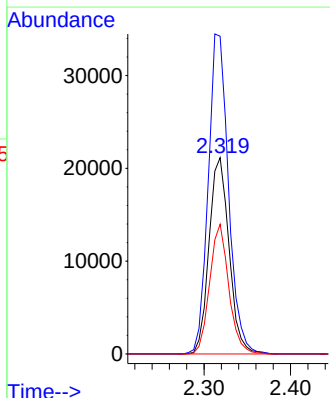
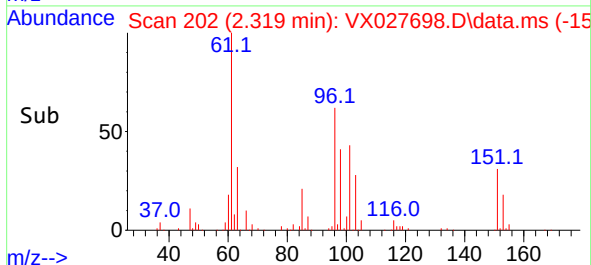
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



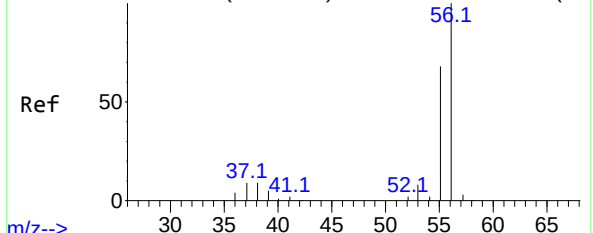
#12
1,1-Dichloroethene
Concen: 53.959 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



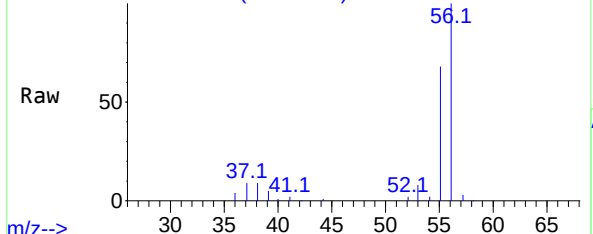
Tgt Ion: 96 Resp: 34045
Ion Ratio Lower Upper
96 100
61 161.8 124.6 187.0
98 66.1 51.0 76.4



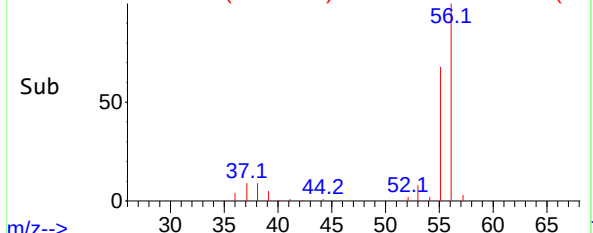
Abundance Scan 188 (2.233 min): VX027698.D\data.ms (-13



m/z--> Scan 188 (2.233 min): VX027698.D\data.ms



m/z--> Scan 188 (2.233 min): VX027698.D\data.ms (-13



m/z-->

#13

Acrolein

Concen: 269.543 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Tgt Ion: 56 Resp: 3330

Ion Ratio Lower Upper

56 100

55 72.8 55.0 82.6

Instrument :

MSVOA_X

ClientSampleId :

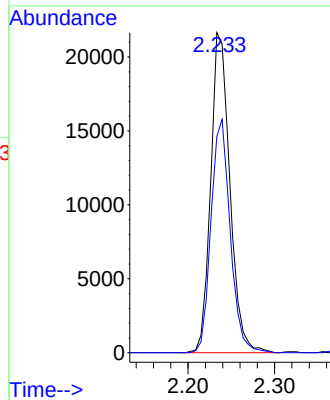
VSTDICCC050

Manual Integrations

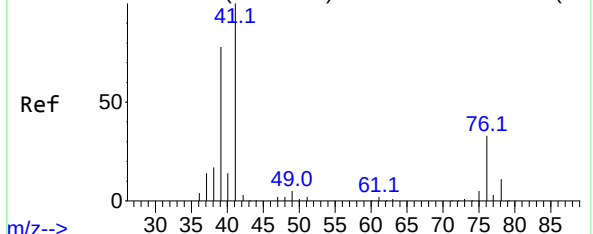
APPROVED

Reviewed By :John Carlone 03/26/2022

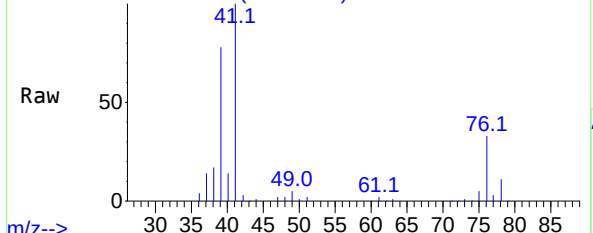
Supervised By :Mahesh Dadoda 03/28/2022



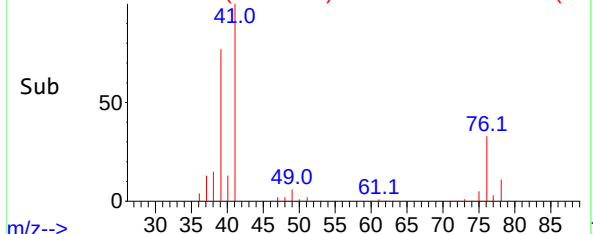
Abundance Scan 259 (2.666 min): VX027698.D\data.ms (-24



m/z--> Scan 259 (2.666 min): VX027698.D\data.ms



m/z--> Scan 259 (2.666 min): VX027698.D\data.ms (-21



m/z-->

#14

Allyl chloride

Concen: 66.831 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

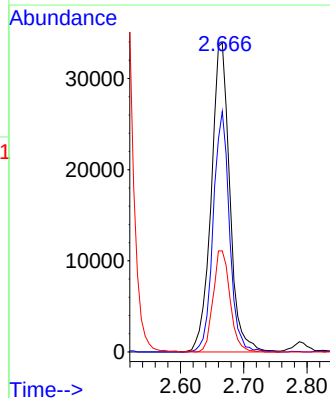
Tgt Ion: 41 Resp: 69310

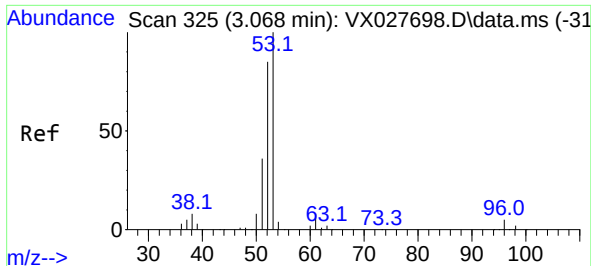
Ion Ratio Lower Upper

41 100

39 68.0 50.4 75.6

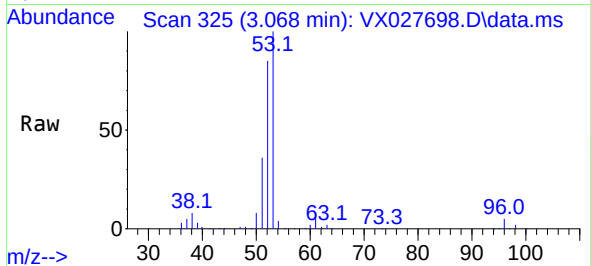
76 29.7 32.7 49.1#





#15
Acrylonitrile
Concen: 338.849 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

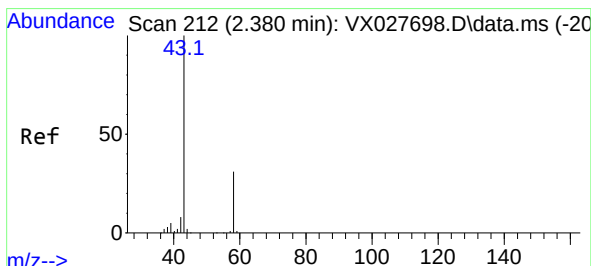
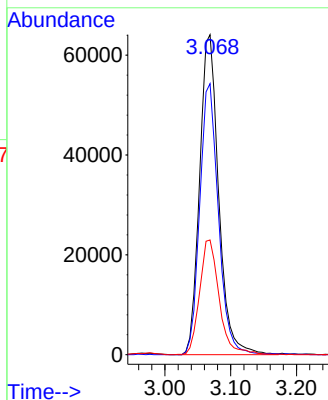
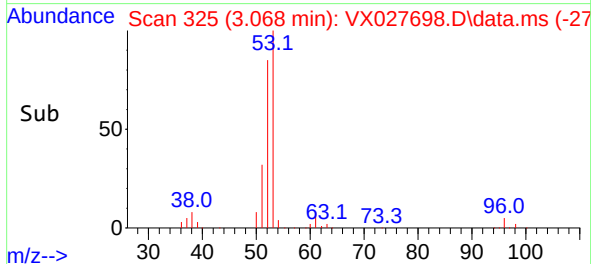
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



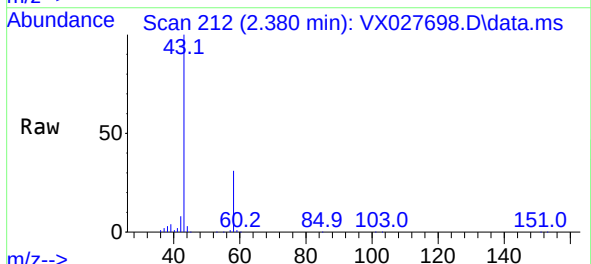
Tgt Ion: 53 Resp: 129194
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 37.0 28.4 42.6

Manual Integrations
APPROVED

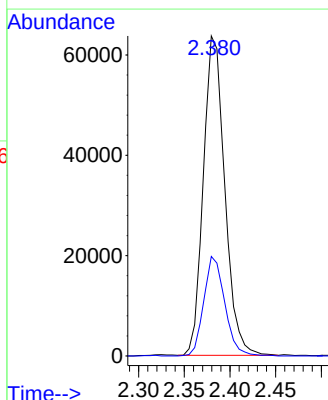
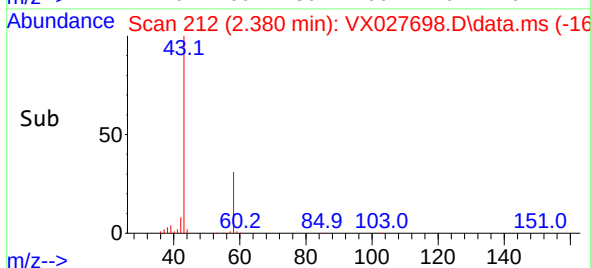
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

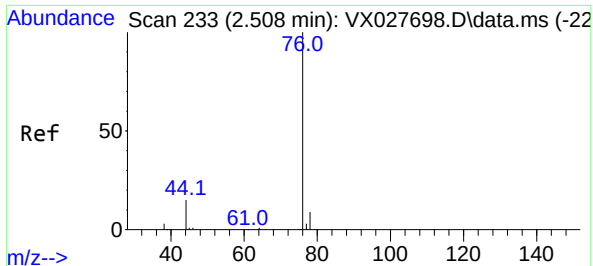


#16
Acetone
Concen: 295.928 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



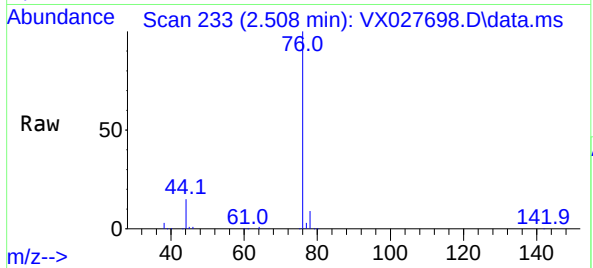
Tgt Ion: 43 Resp: 103619
Ion Ratio Lower Upper
43 100
58 31.2 28.8 43.2





#17
Carbon Disulfide
Concen: 55.803 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

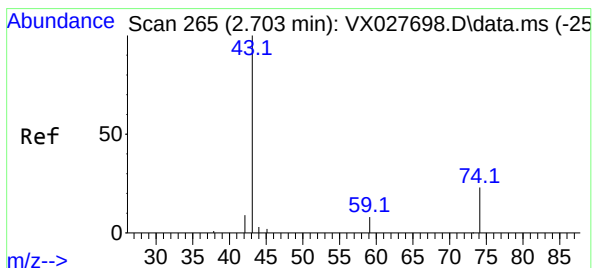
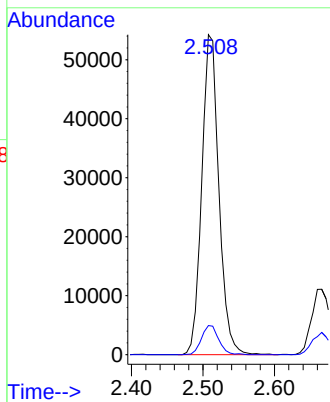
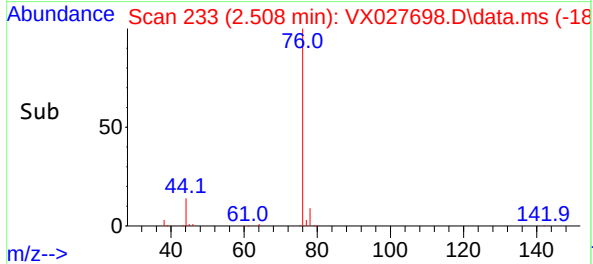
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



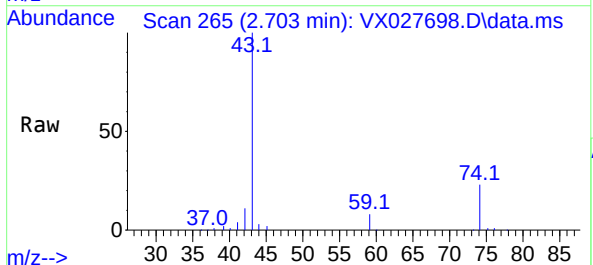
Tgt Ion: 76 Resp: 90104
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
APPROVED

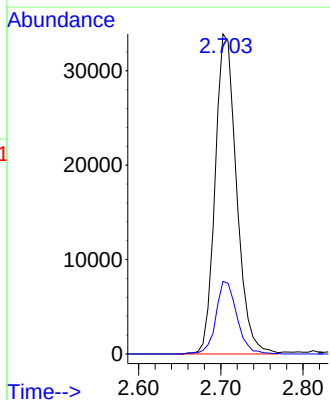
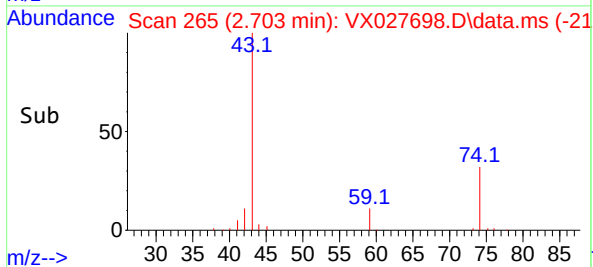
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

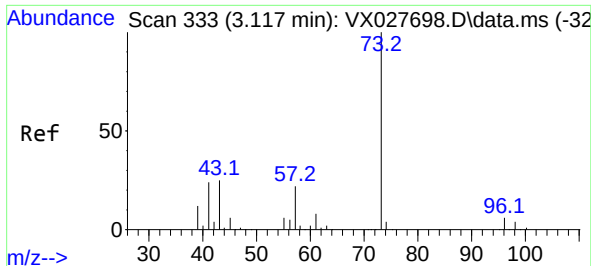


#18
Methyl Acetate
Concen: 70.238 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion: 43 Resp: 61462
Ion Ratio Lower Upper
43 100
74 22.2 22.8 34.2#





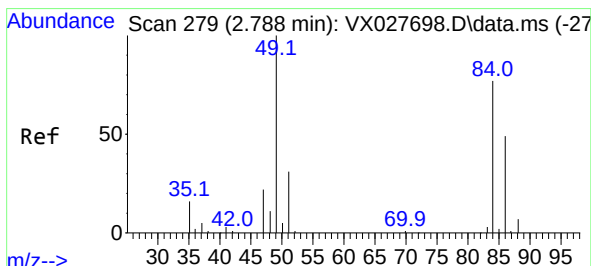
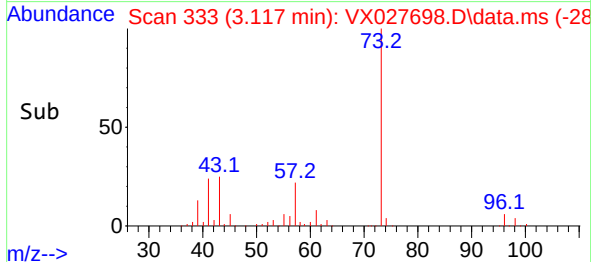
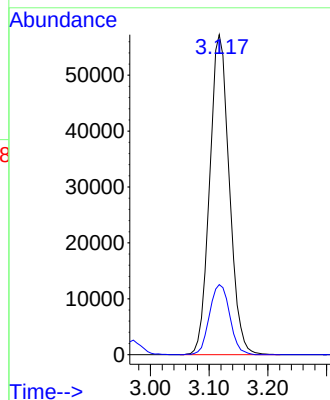
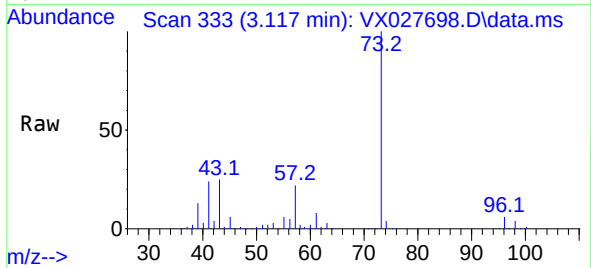
#19
Methyl tert-butyl Ether
Concen: 60.898 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 132878
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2

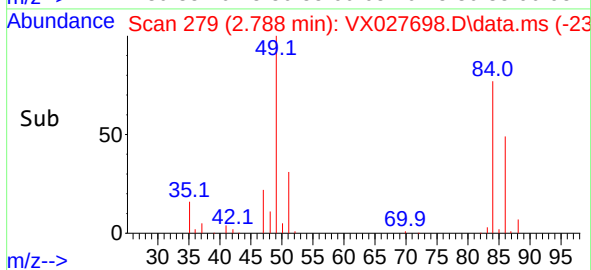
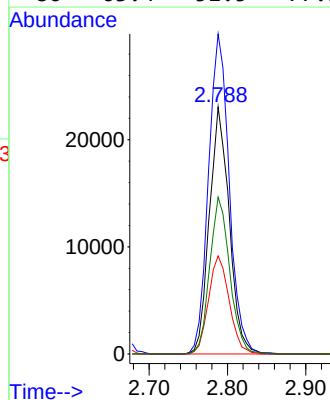
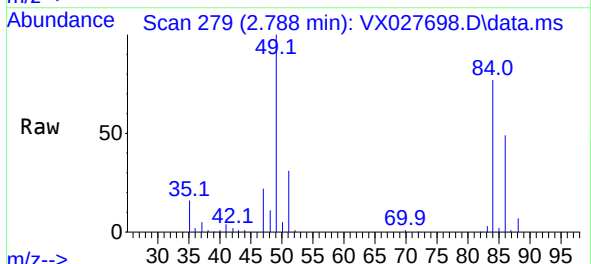
Manual Integrations
APPROVED

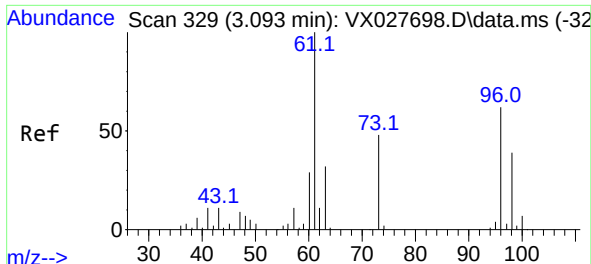
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#20
Methylene Chloride
Concen: 54.758 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

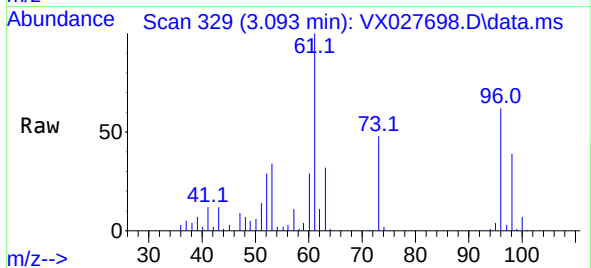
Tgt Ion: 84 Resp: 40676
Ion Ratio Lower Upper
84 100
49 129.5 85.5 128.3#
51 39.7 26.6 39.8
86 63.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 54.351 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

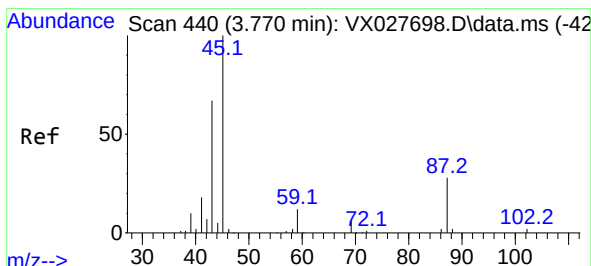
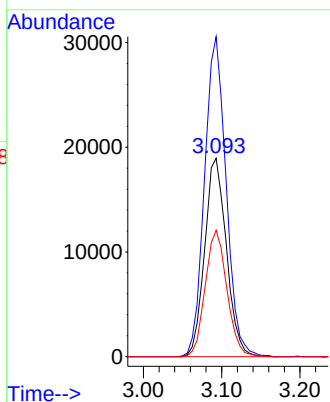
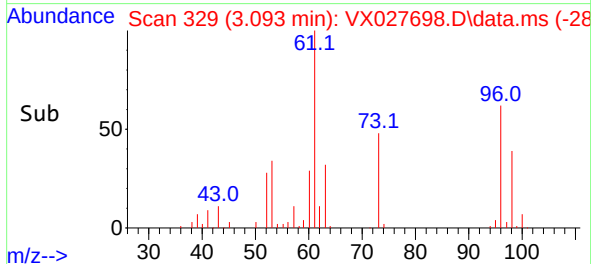
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



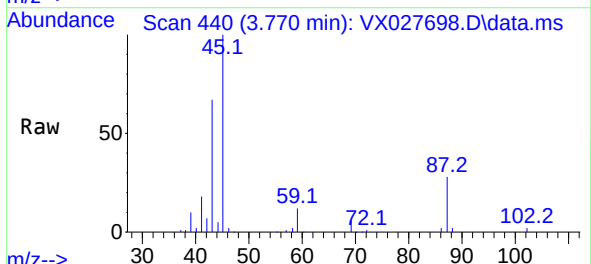
Tgt Ion: 96 Resp: 36620
Ion Ratio Lower Upper
96 100
61 161.3 105.4 158.2
98 63.7 50.0 75.0

Manual Integrations
APPROVED

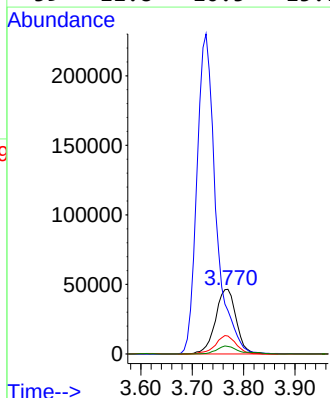
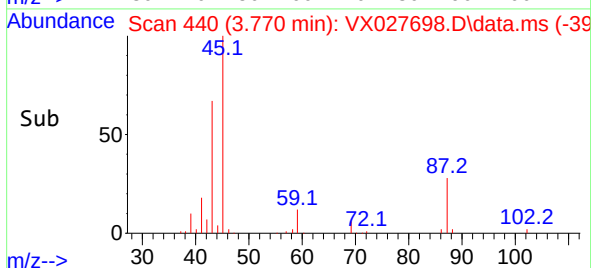
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

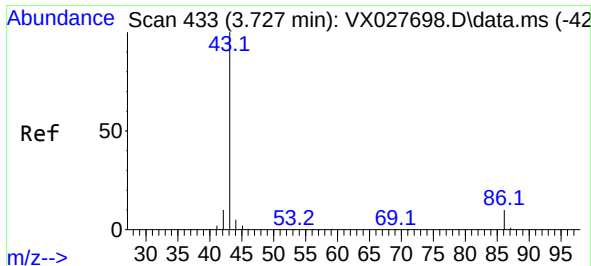


#22
Diisopropyl ether
Concen: 64.898 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



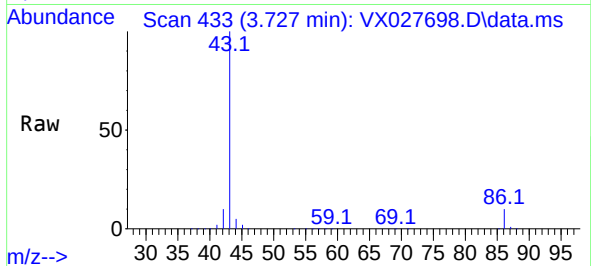
Tgt Ion: 45 Resp: 130245
Ion Ratio Lower Upper
45 100
43 66.8 50.8 76.2
87 27.8 26.6 39.8
59 11.8 10.5 15.7





#23
 Vinyl Acetate
 Concen: 336.112 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX027698.D
 Acq: 25 Mar 2022 13:18

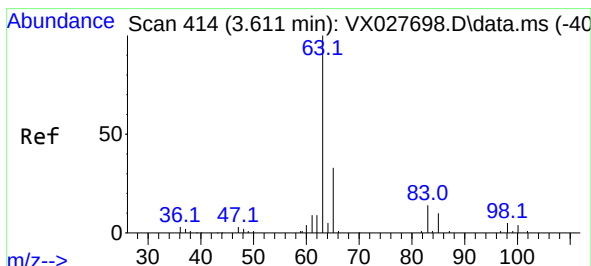
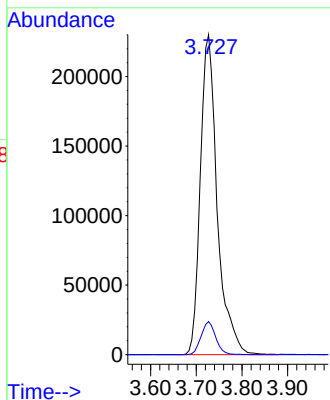
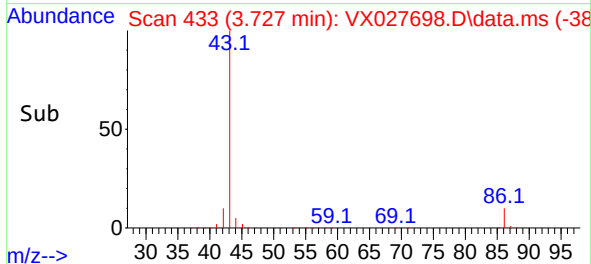
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 58992
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.8 16.2

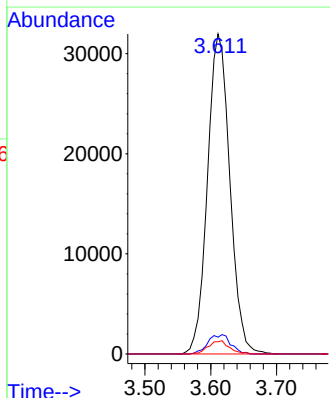
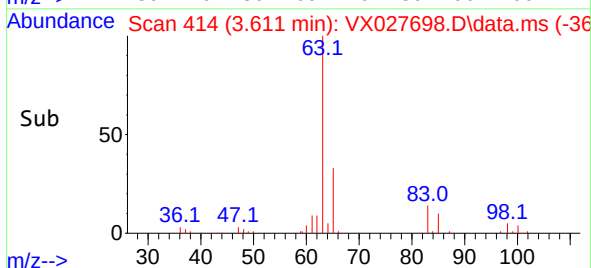
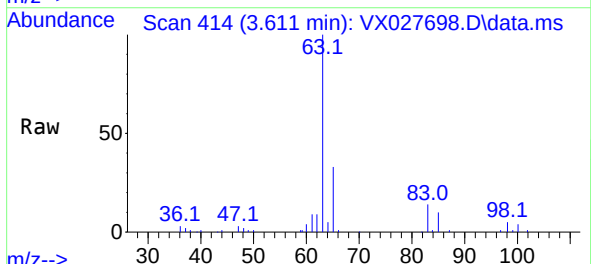
Manual Integrations
 APPROVED

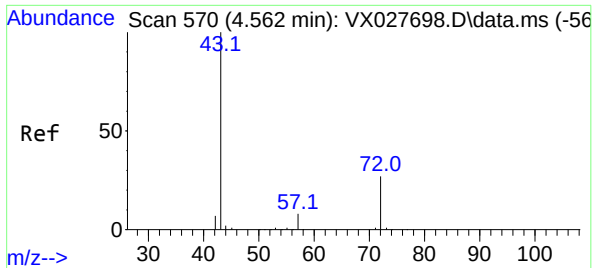
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 62.576 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX027698.D
 Acq: 25 Mar 2022 13:18

Tgt Ion: 63 Resp: 75736
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.9 11.7
 100 3.8 2.4 7.2





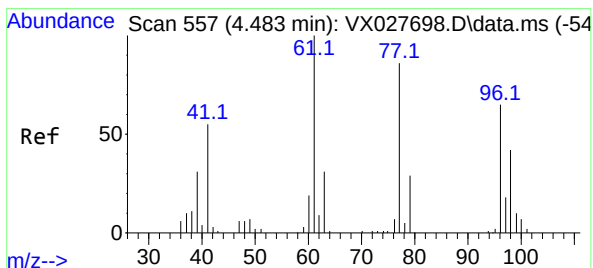
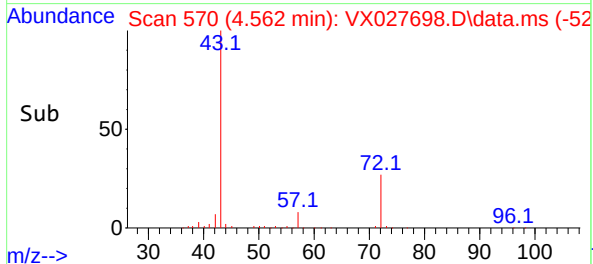
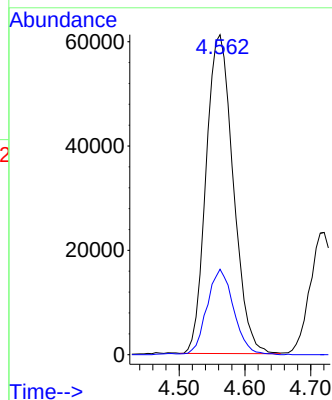
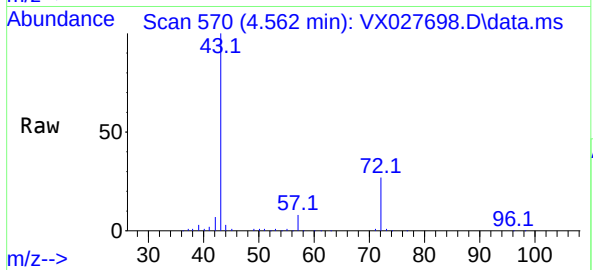
#25
2-Butanone
Concen: 327.843 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 17546
Ion Ratio Lower Upper
43 100
72 26.8 24.4 36.6

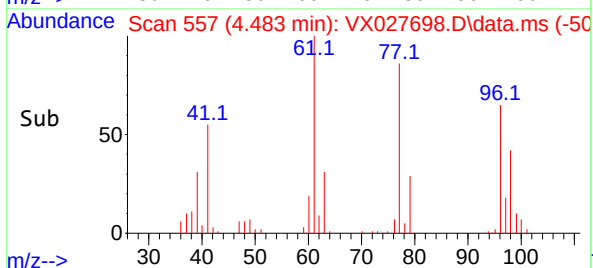
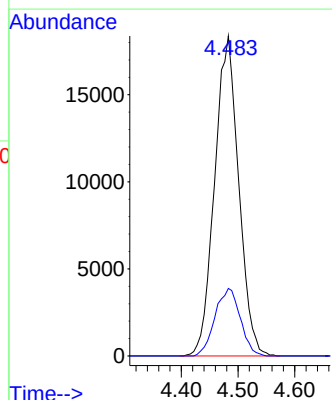
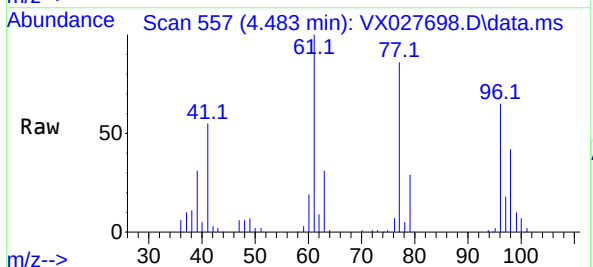
Manual Integrations
APPROVED

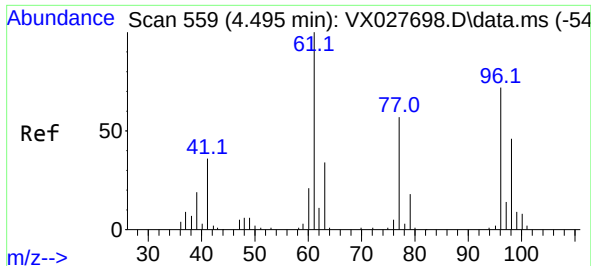
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
2,2-Dichloropropane
Concen: 56.426 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Tgt Ion: 77 Resp: 54192
Ion Ratio Lower Upper
77 100
97 22.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 55.104 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 4304

Ion Ratio Lower Upper

96 100

61 154.8 0.0 283.8

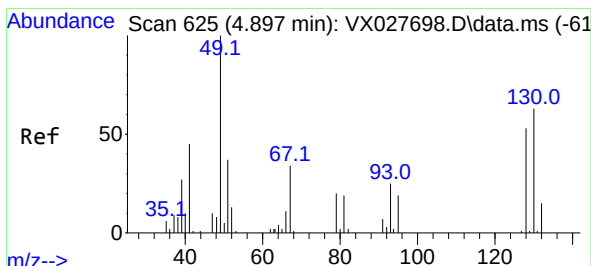
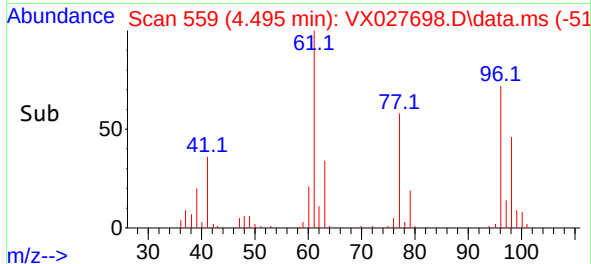
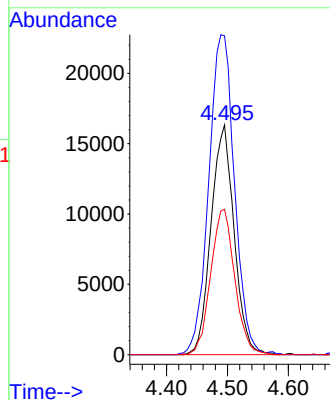
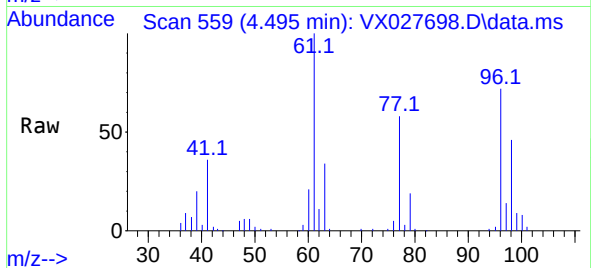
98 65.9 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#28

Bromochloromethane

Concen: 61.550 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

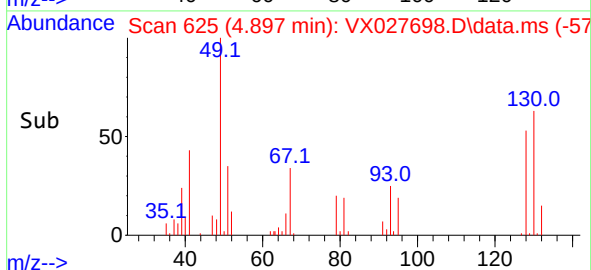
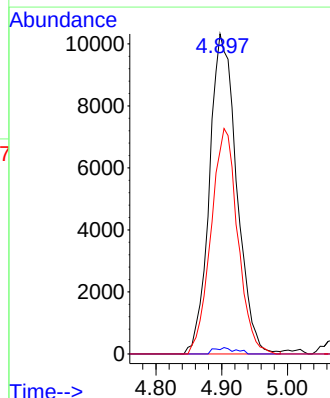
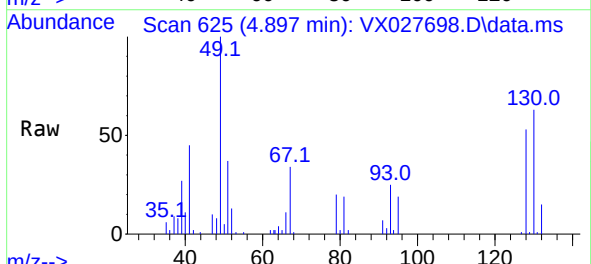
Tgt Ion: 49 Resp: 29800

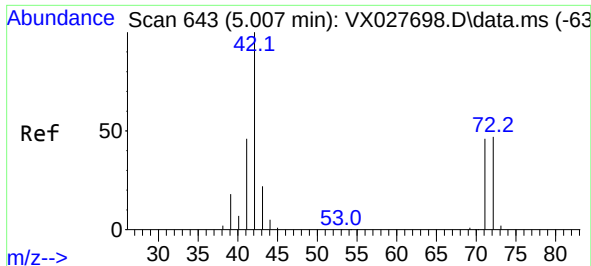
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.4

130 69.0 70.7 106.1#





#29

Tetrahydrofuran

Concen: 297.435 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 99314

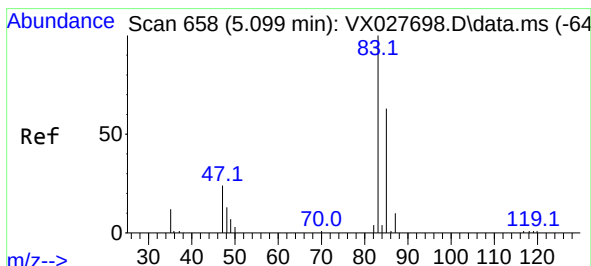
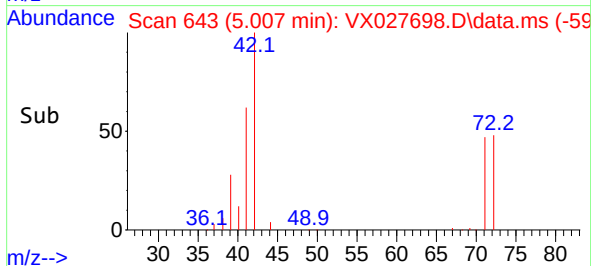
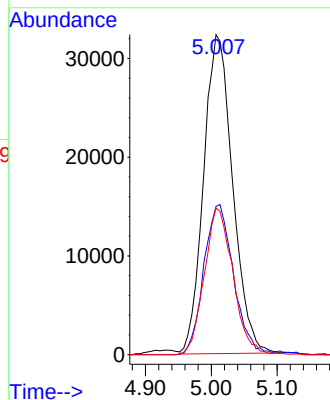
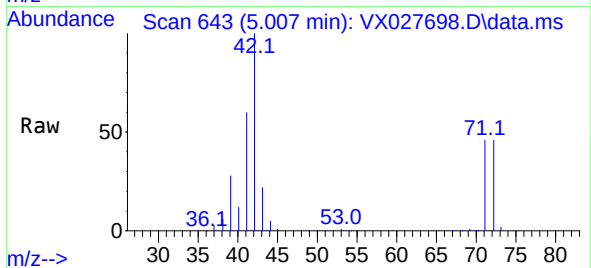
Ion	Ratio	Lower	Upper
42	100		
72	48.0	44.1	66.1
71	45.5	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#30

Chloroform

Concen: 55.250 ug/l

RT: 5.099 min Scan# 658

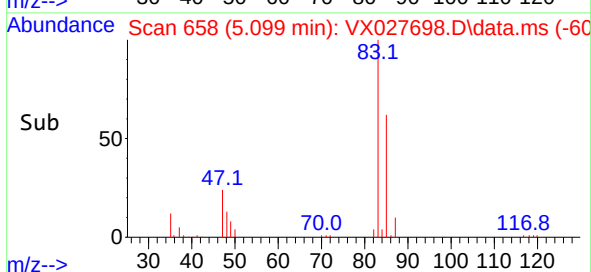
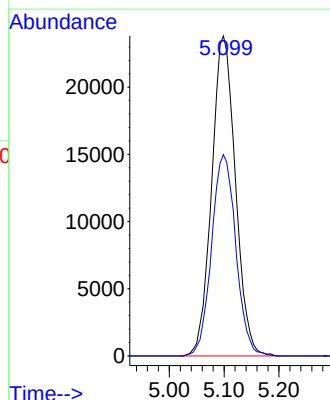
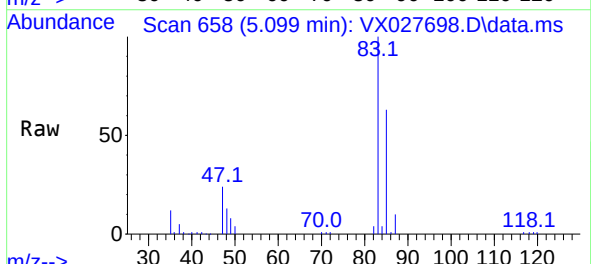
Delta R.T. 0.000 min

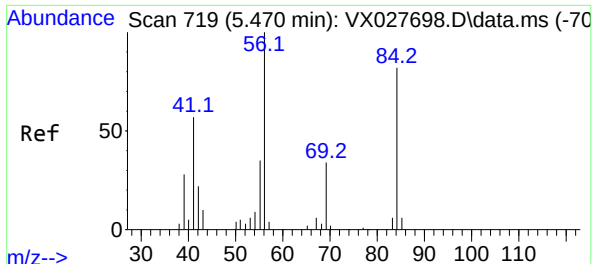
Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Tgt Ion: 83 Resp: 71666

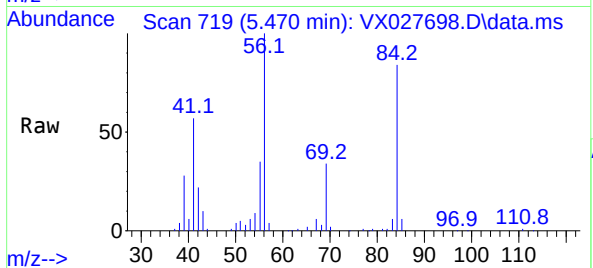
Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.7	79.1





#31
Cyclohexane
Concen: 58.549 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

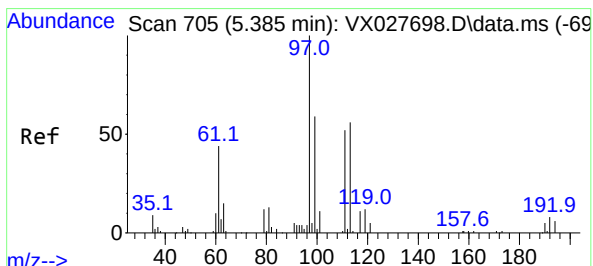
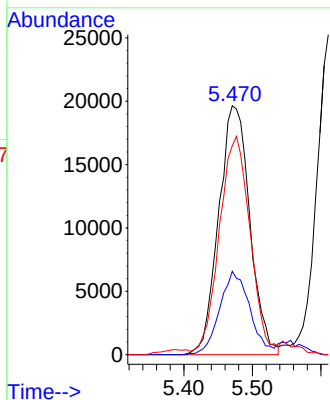
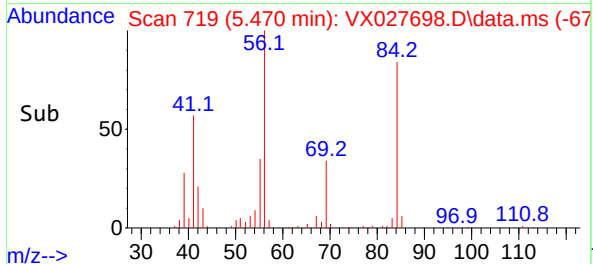
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



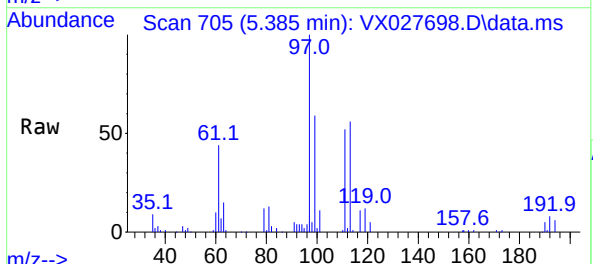
Tgt Ion: 56 Resp: 6206
Ion Ratio Lower Upper
56 100
69 33.5 26.7 40.1
84 82.0 77.2 115.8

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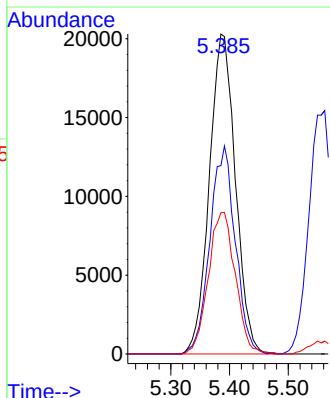
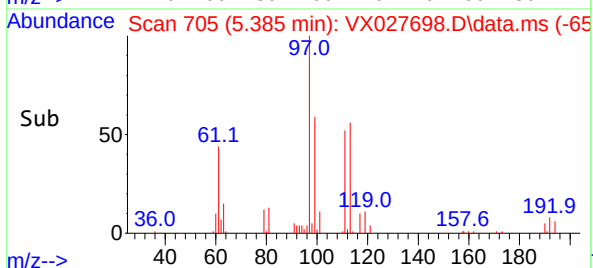
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

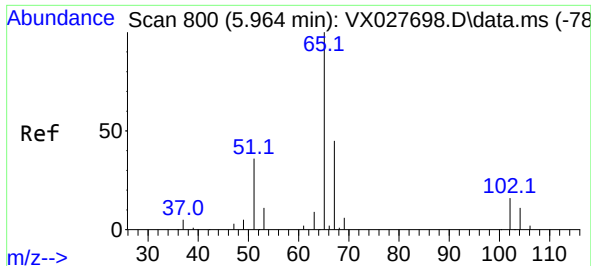


#32
1,1,1-Trichloroethane
Concen: 53.395 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion: 97 Resp: 62538
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.6
61 45.8 34.0 51.0





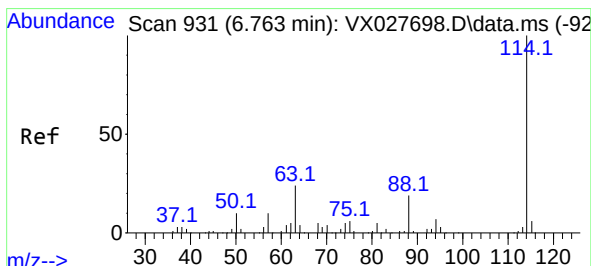
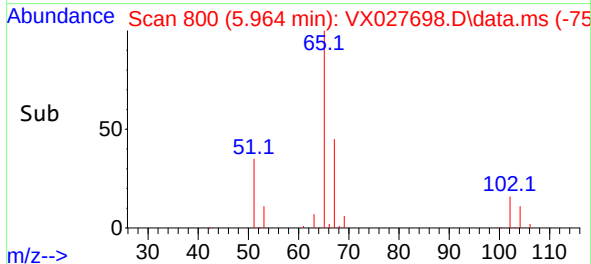
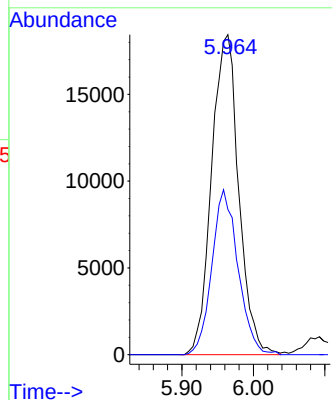
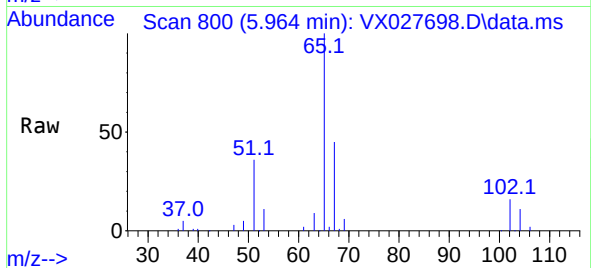
#33
1,2-Dichloroethane-d4
Concen: 57.237 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 4863
Ion Ratio Lower Upper
65 100
67 49.7 0.0 107.4

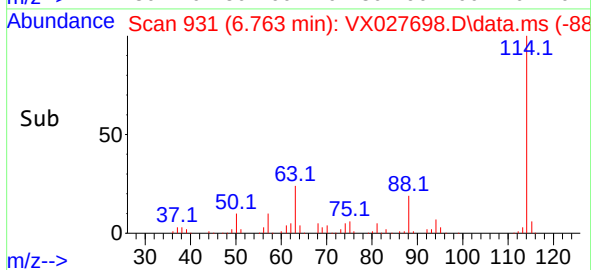
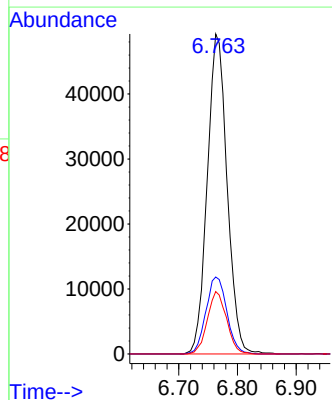
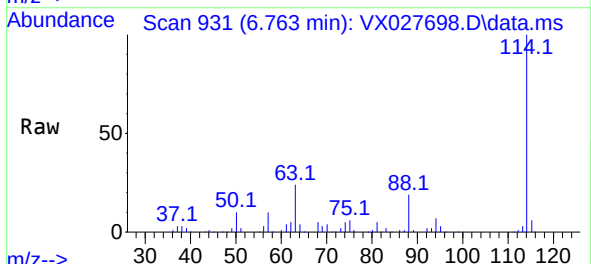
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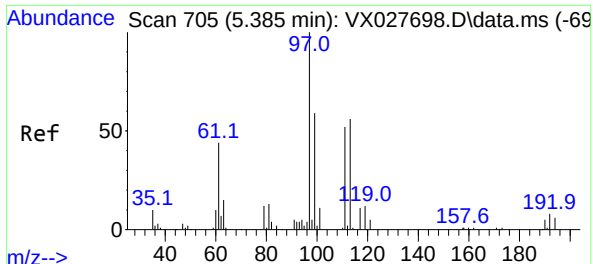
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

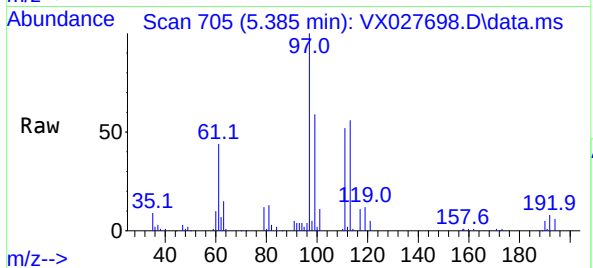
Tgt Ion:114 Resp: 115510
Ion Ratio Lower Upper
114 100
63 24.0 0.0 36.8
88 19.5 0.0 32.4





#35
Dibromofluoromethane
Concen: 46.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

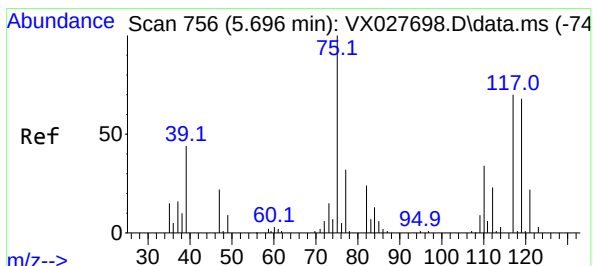
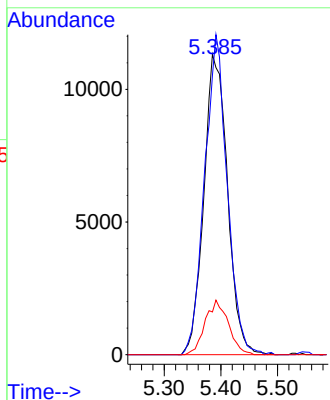
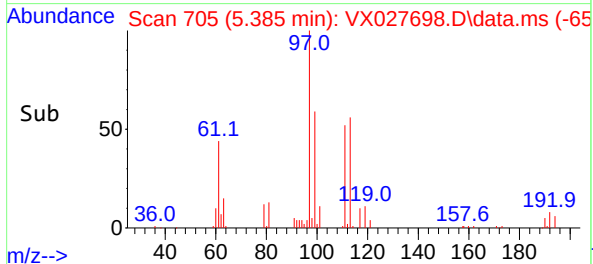
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



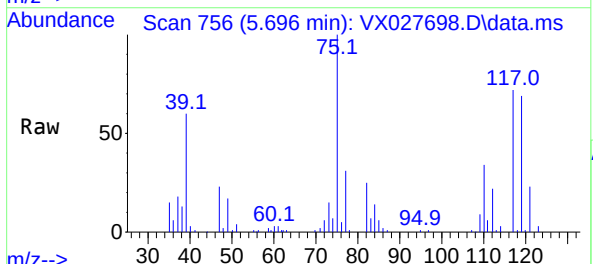
Tgt Ion: 113 Resp: 3289
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 17.8 16.9 25.3

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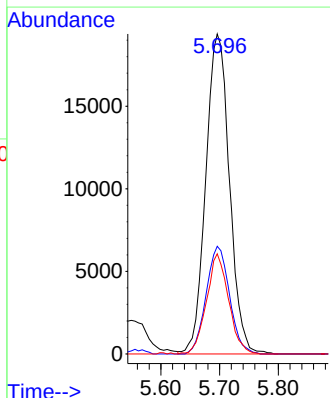
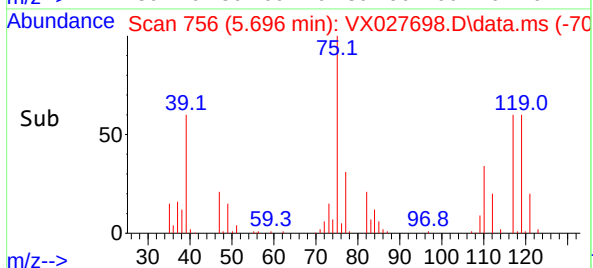
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

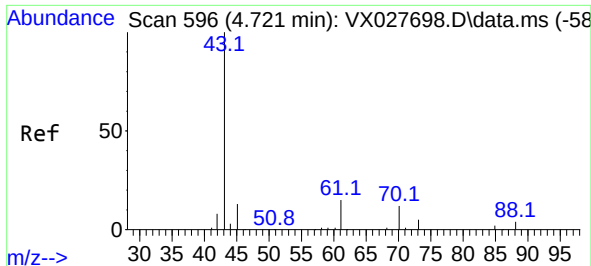


#36
1,1-Dichloropropene
Concen: 53.240 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



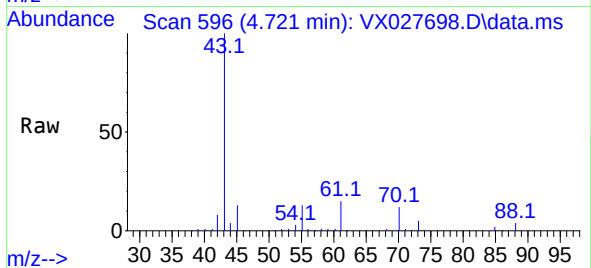
Tgt Ion: 75 Resp: 54247
Ion Ratio Lower Upper
75 100
110 33.2 18.3 54.8
77 29.3 24.8 37.2





#37
Ethyl Acetate
Concen: 64.602 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

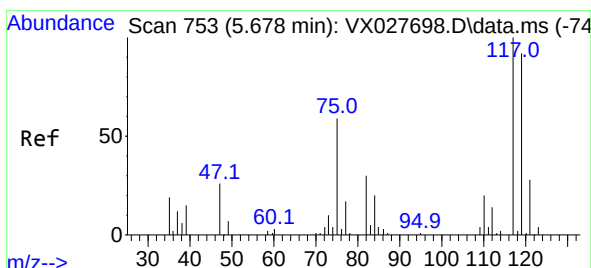
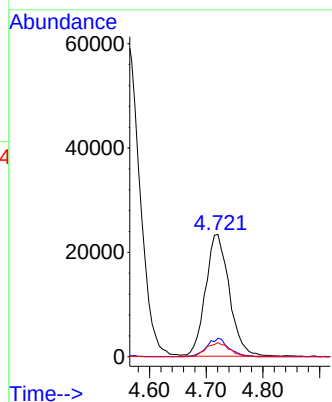
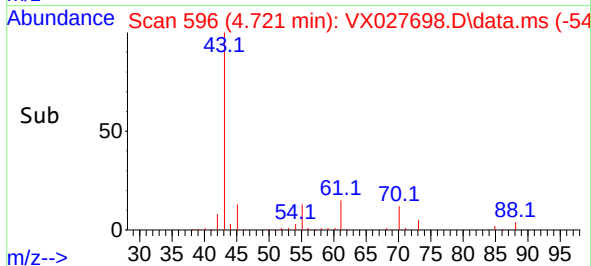
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



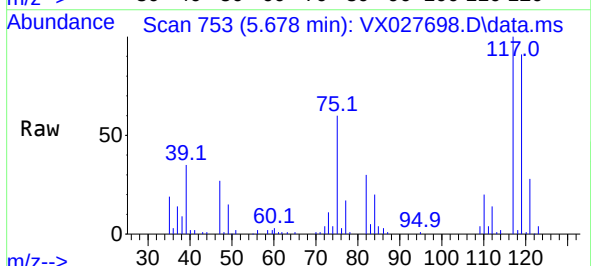
Tgt Ion: 43 Resp: 67849
Ion Ratio Lower Upper
43 100
61 13.9 12.6 19.0
70 11.1 10.2 15.2

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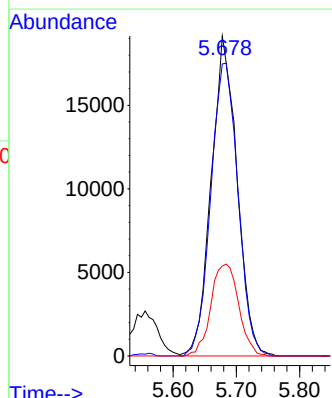
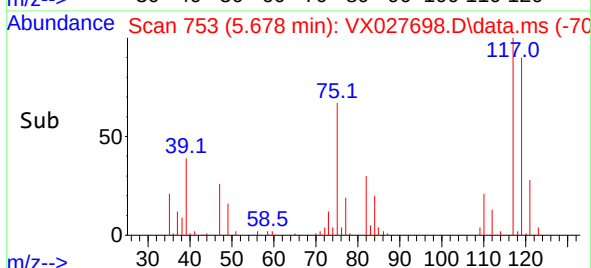
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

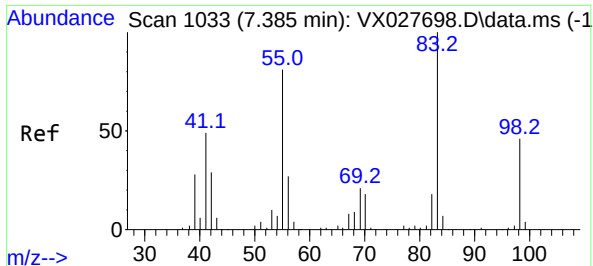


#38
Carbon Tetrachloride
Concen: 47.634 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion:117 Resp: 54162
Ion Ratio Lower Upper
117 100
119 91.3 77.3 115.9
121 28.1 24.2 36.2





#39

Methylcyclohexane

Concen: 52.816 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 6765

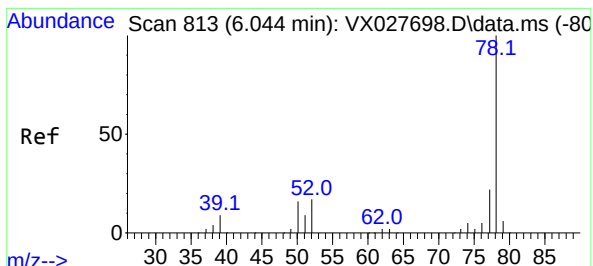
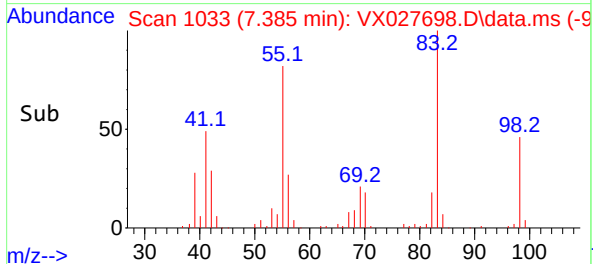
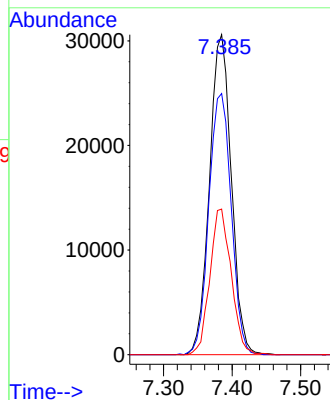
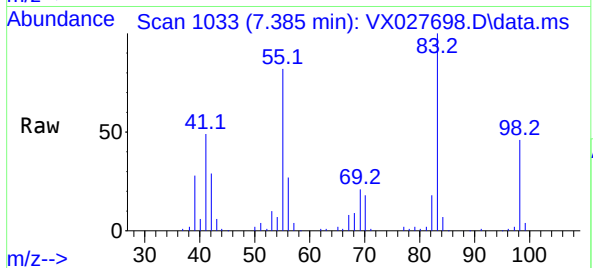
Ion	Ratio	Lower	Upper
83	100		
55	81.6	54.6	81.8
98	45.5	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 55.495 ug/l

RT: 6.044 min Scan# 813

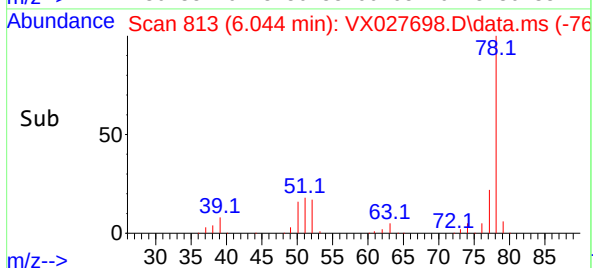
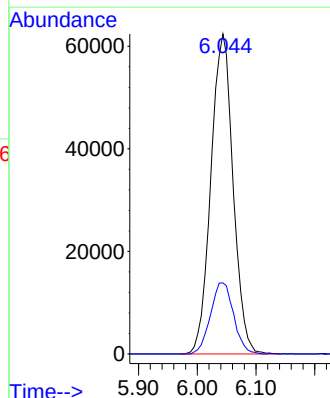
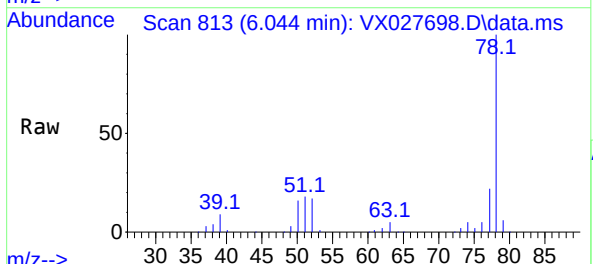
Delta R.T. 0.000 min

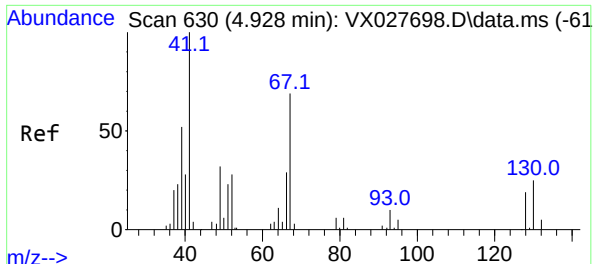
Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Tgt Ion: 78 Resp: 163428

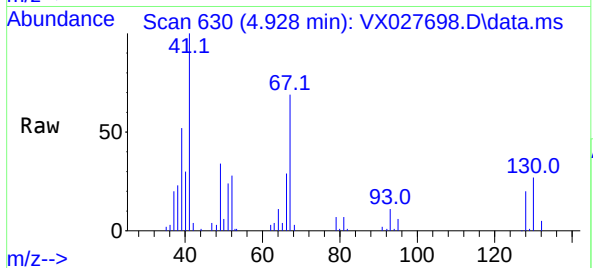
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.3	28.9





#41
Methacrylonitrile
Concen: 64.955 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

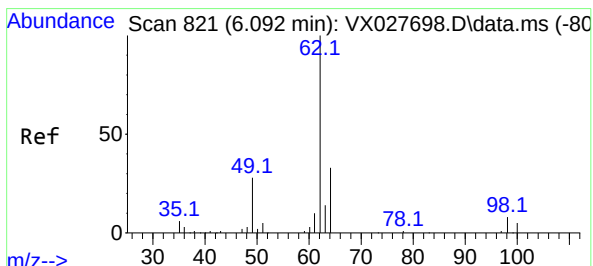
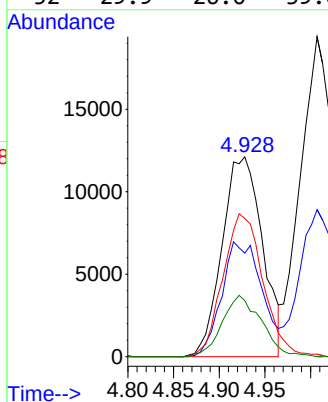
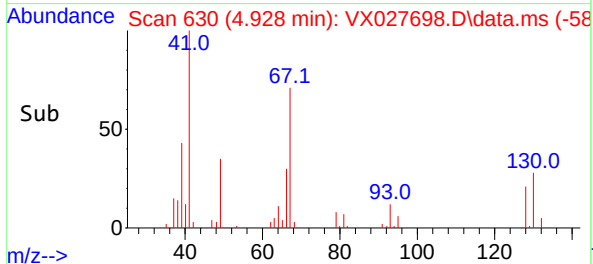
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



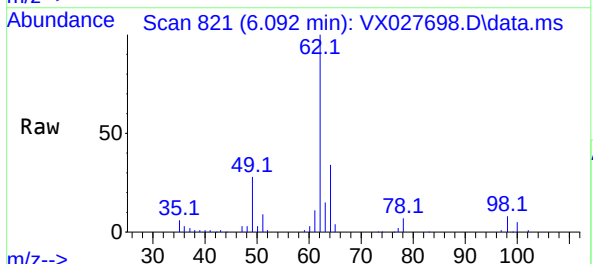
Tgt Ion: 41 Resp: 37258
Ion Ratio Lower Upper
41 100
39 57.1 43.0 64.4
67 71.1 70.2 105.4
52 29.9 26.0 39.0

Manual Integrations
APPROVED

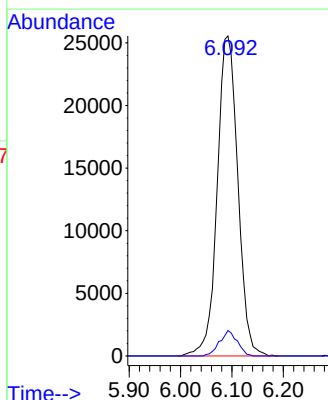
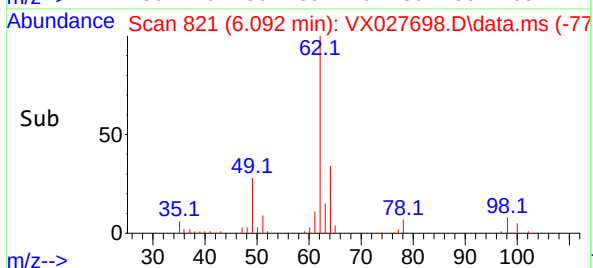
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

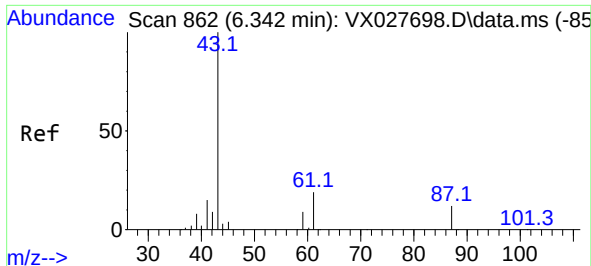


#42
1,2-Dichloroethane
Concen: 62.897 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion: 62 Resp: 71164
Ion Ratio Lower Upper
62 100
98 6.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 65.379 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

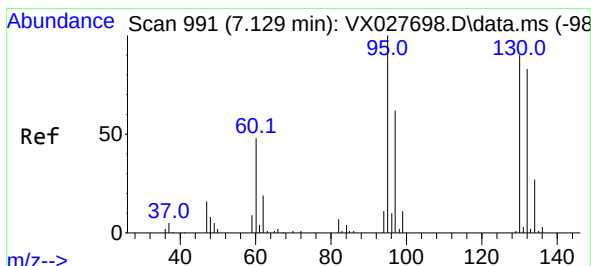
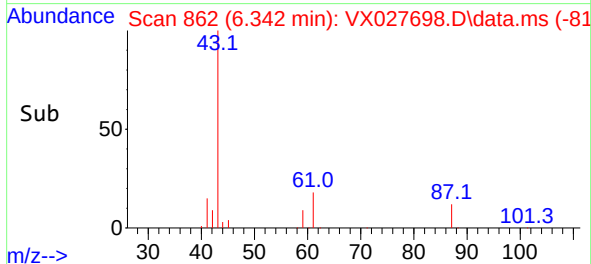
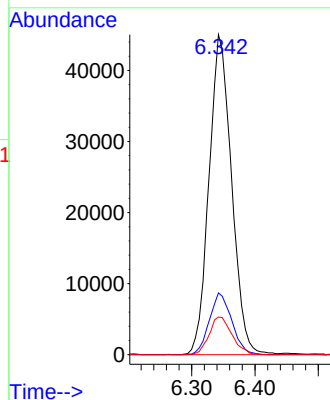
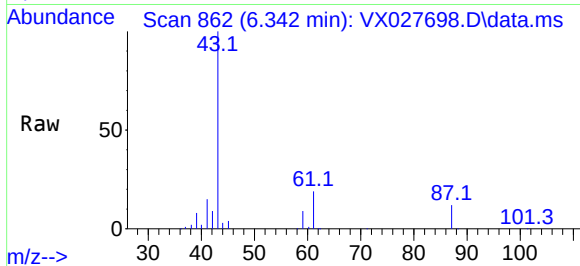
Tgt Ion: 43 Resp: 111729
 Ion Ratio Lower Upper
 43 100
 61 19.1 18.5 27.7
 87 11.9 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

Trichloroethene

Concen: 45.136 ug/l

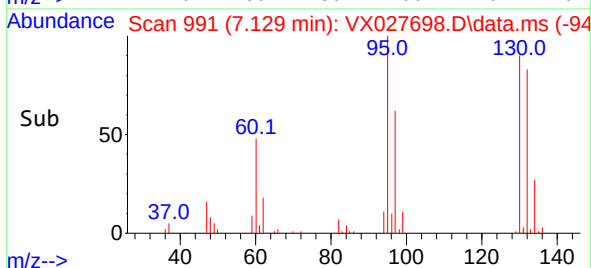
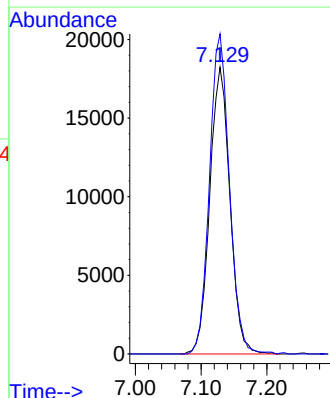
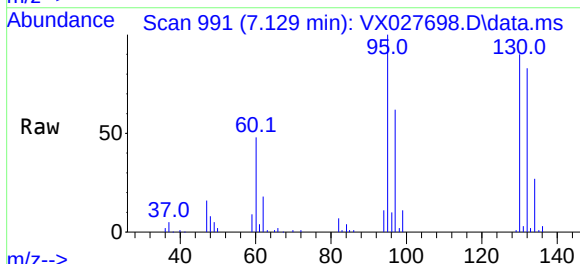
RT: 7.129 min Scan# 991

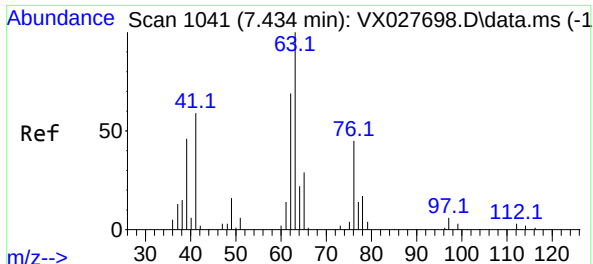
Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Tgt Ion:130 Resp: 38953
 Ion Ratio Lower Upper
 130 100
 95 111.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 56.507 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 4264

Ion Ratio Lower Upper

63 100

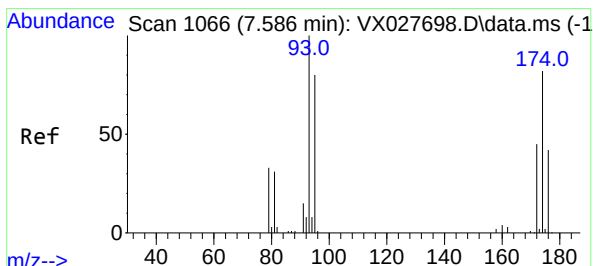
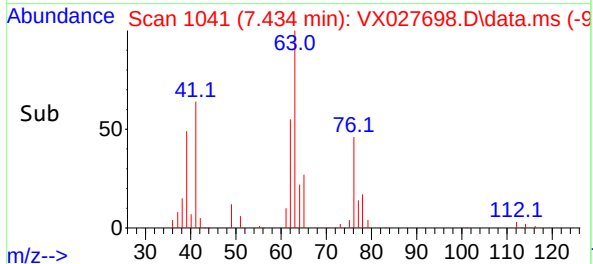
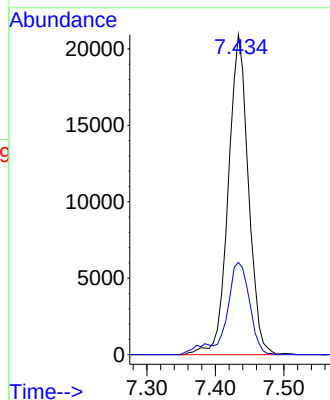
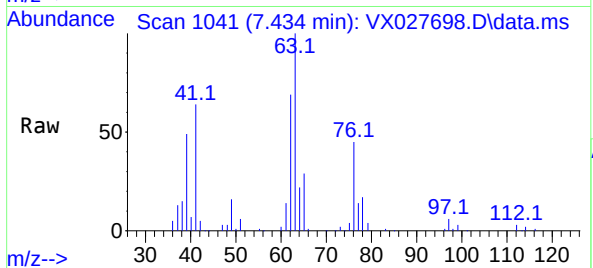
65 28.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 54.377 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

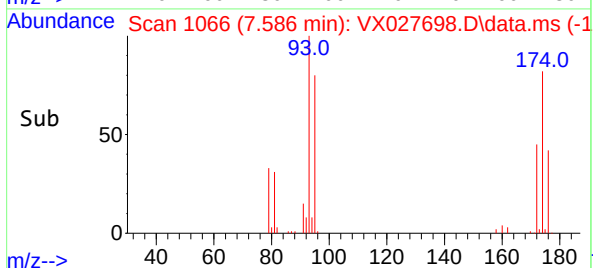
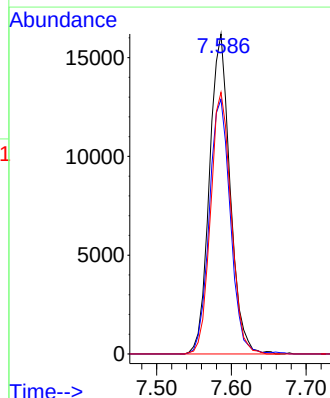
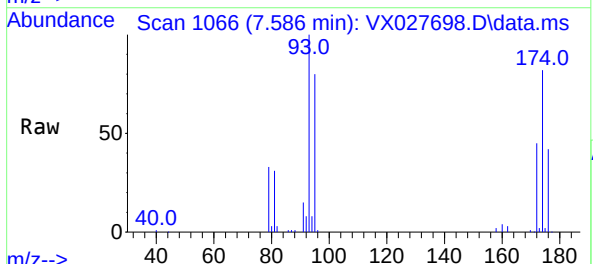
Tgt Ion: 93 Resp: 31050

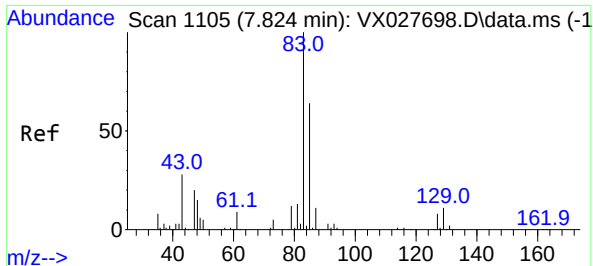
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.6

174 81.3 85.4 128.2#





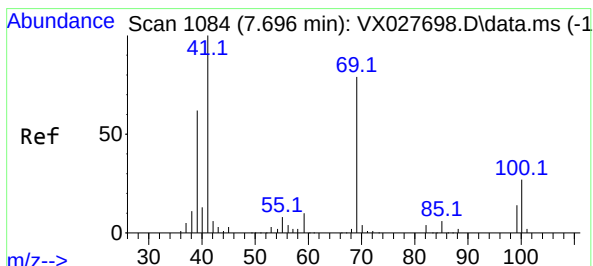
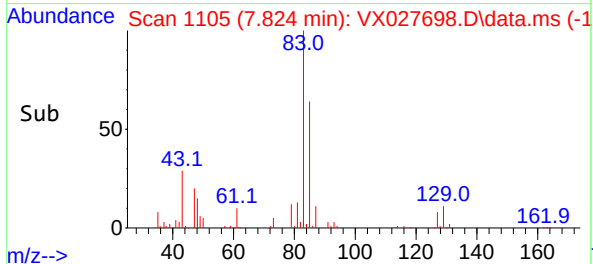
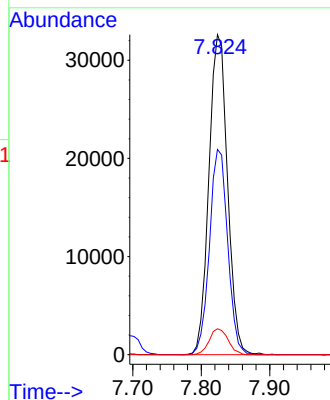
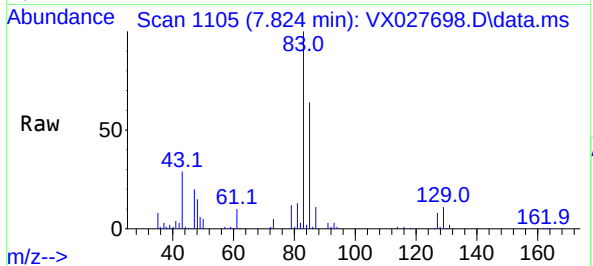
#47
Bromodichloromethane
Concen: 56.991 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 61608
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2
127 8.1 6.8 10.2

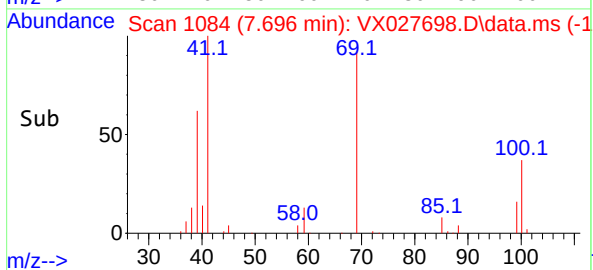
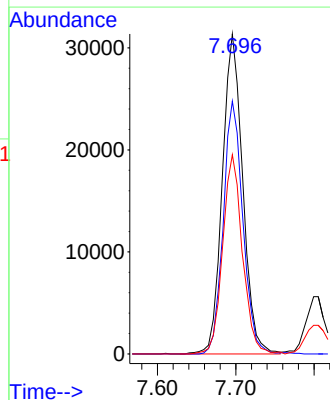
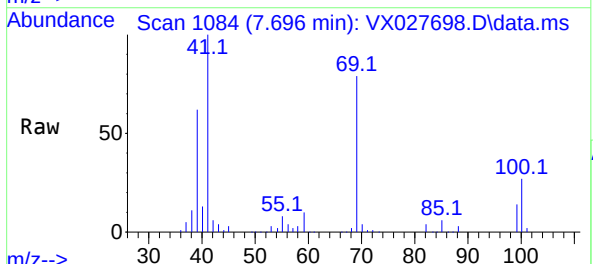
Manual Integrations
APPROVED

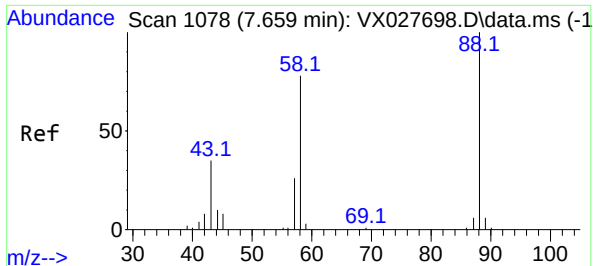
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 67.170 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Tgt Ion: 41 Resp: 56708
Ion Ratio Lower Upper
41 100
69 76.2 82.5 123.7#
39 60.3 43.8 65.8





#49

1,4-Dioxane

Concen: 1035.019 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 21039

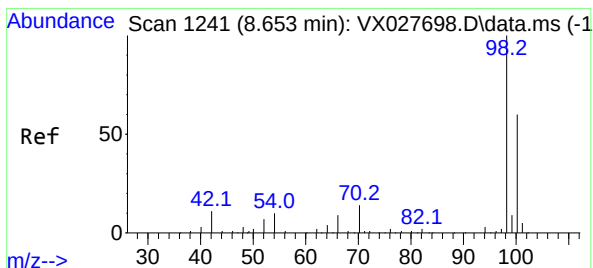
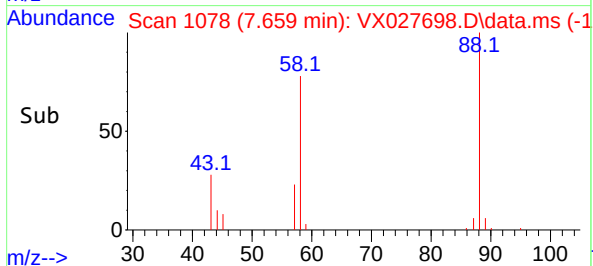
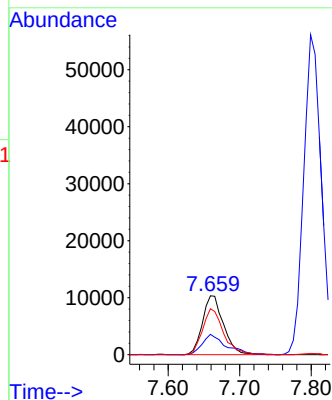
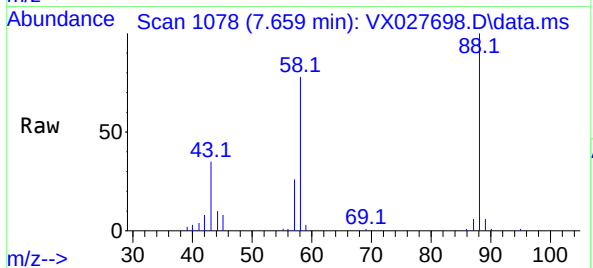
Ion	Ratio	Lower	Upper
88	100		
43	38.9	21.9	32.9
58	77.6	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#50

Toluene-d8

Concen: 47.948 ug/l

RT: 8.653 min Scan# 1241

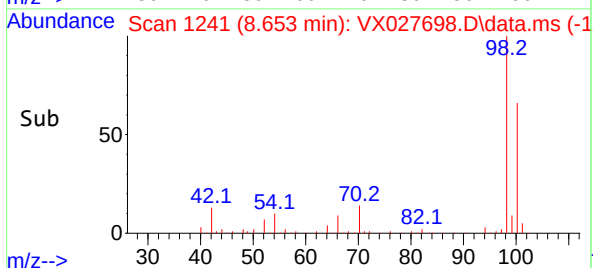
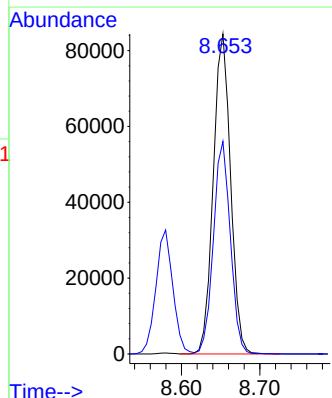
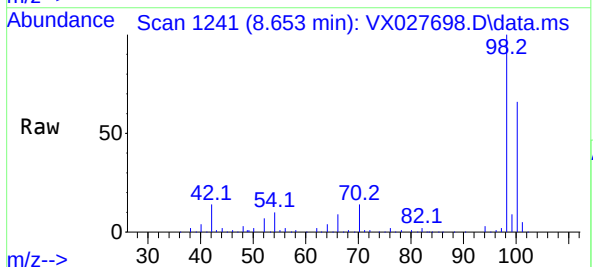
Delta R.T. 0.000 min

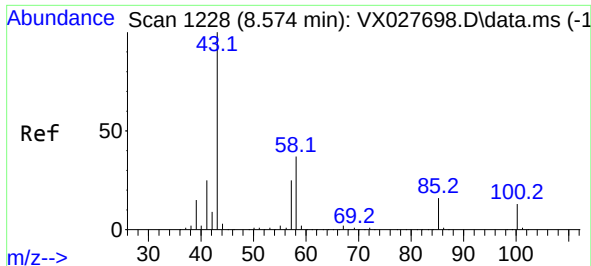
Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Tgt Ion: 98 Resp: 129704

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 340.291 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 37027

Ion Ratio Lower Upper

43 100

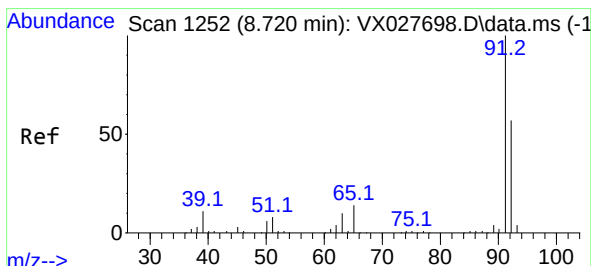
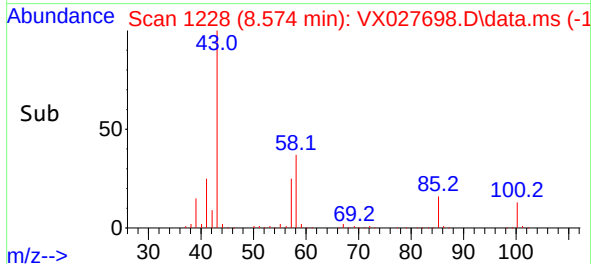
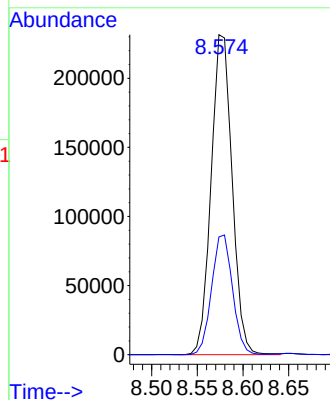
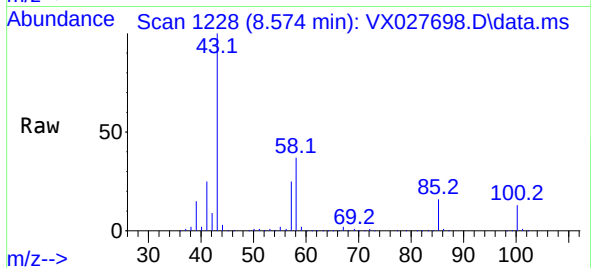
58 37.3 36.1 54.1

Manual Integrations

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Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#52

Toluene

Concen: 52.082 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027698.D

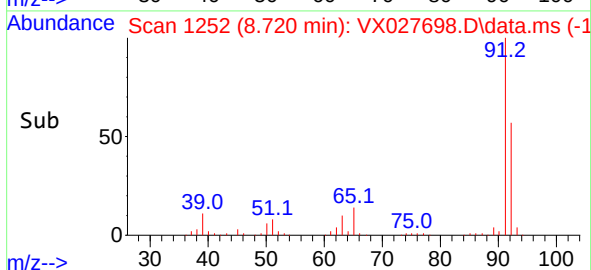
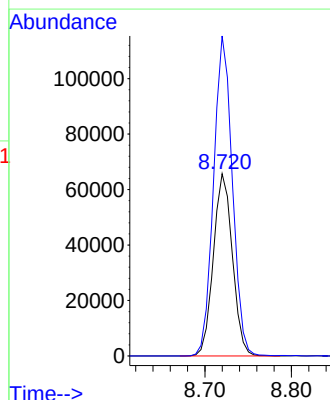
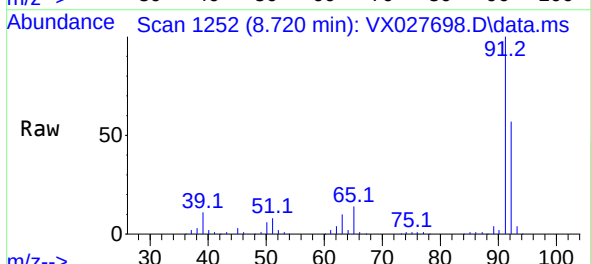
Acq: 25 Mar 2022 13:18

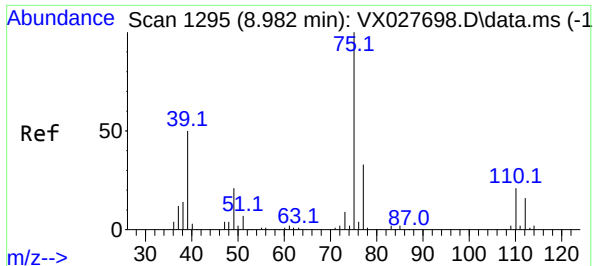
Tgt Ion: 92 Resp: 100077

Ion Ratio Lower Upper

92 100

91 173.7 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 57.788 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 6339

Ion Ratio Lower Upper

75 100

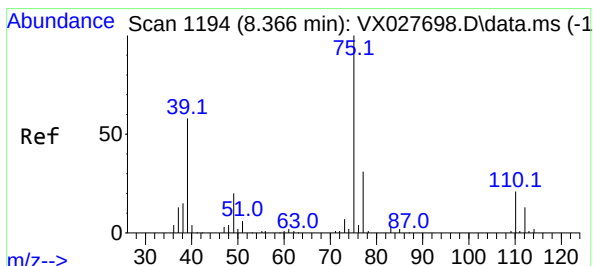
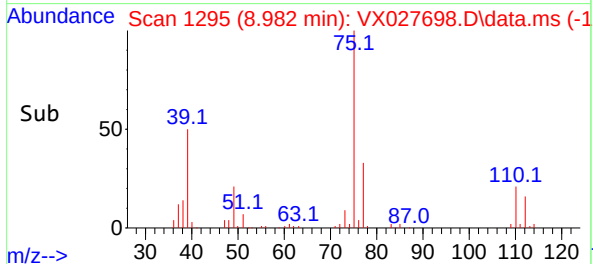
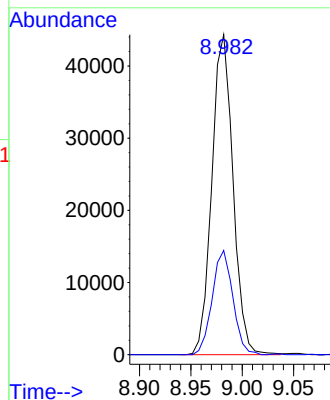
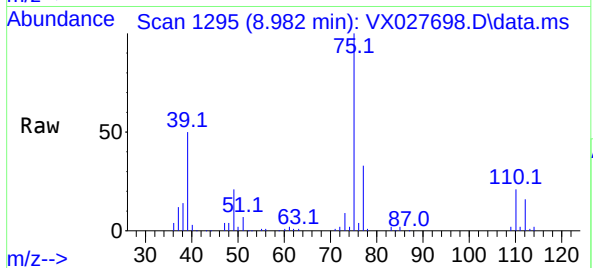
77 32.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

cis-1,3-Dichloropropene

Concen: 57.172 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

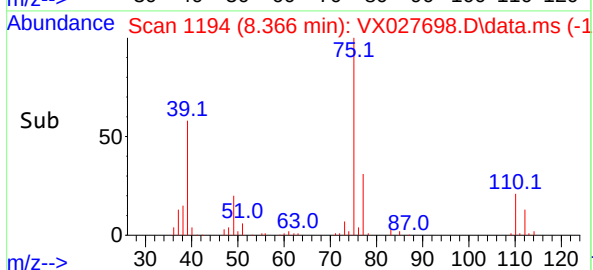
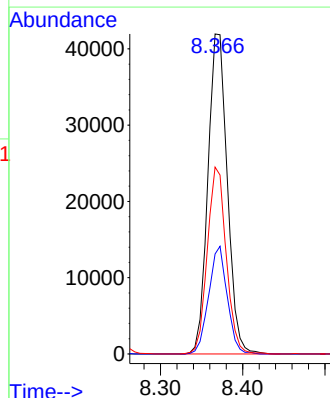
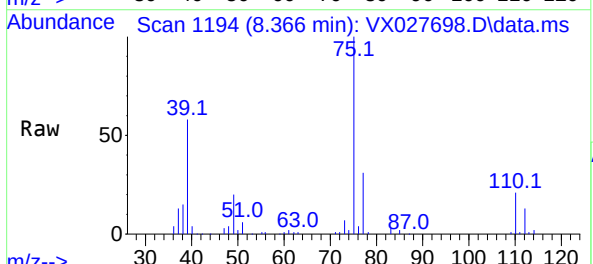
Tgt Ion: 75 Resp: 68772

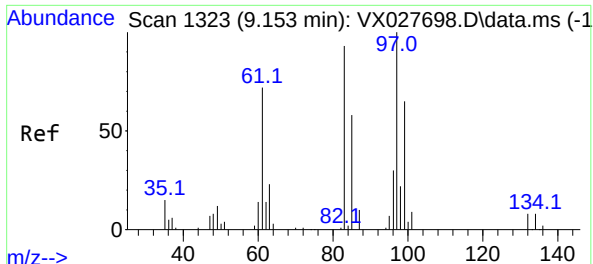
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

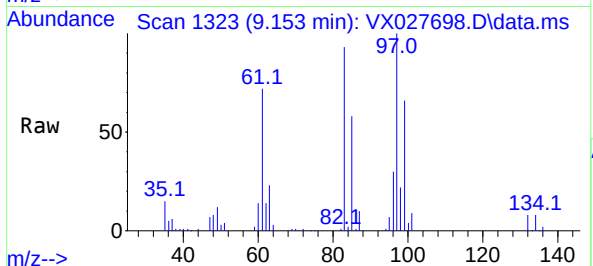
39 58.4 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 52.456 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

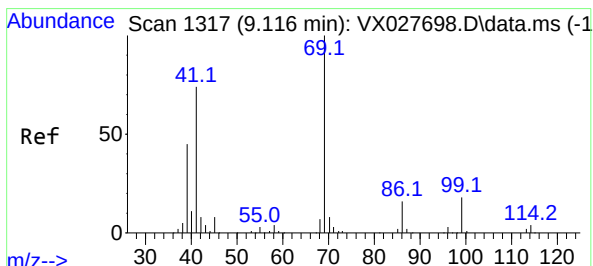
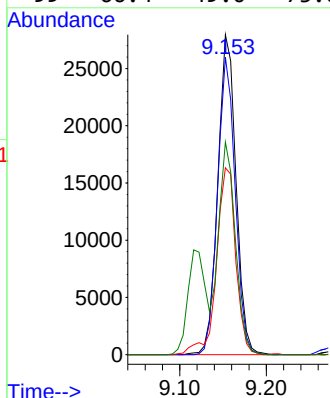
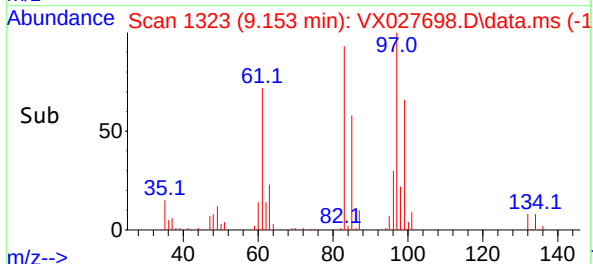


Tgt Ion: 97 Resp: 4081

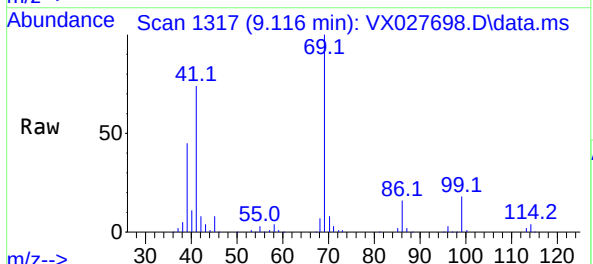
Ion	Ratio	Lower	Upper
97	100		
83	92.9	66.2	99.4
85	58.1	42.9	64.3
99	66.4	49.0	73.6

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

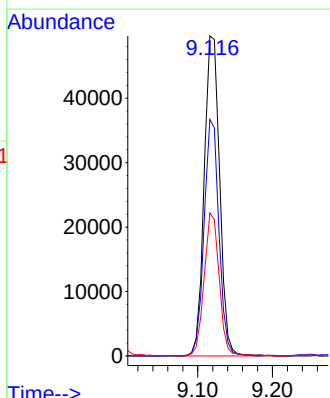
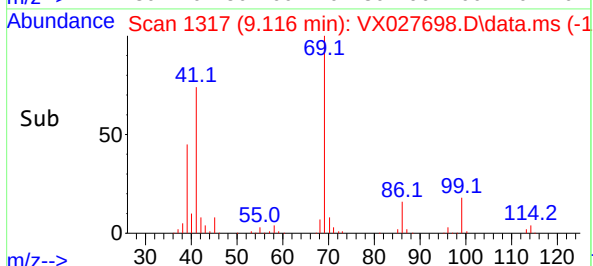


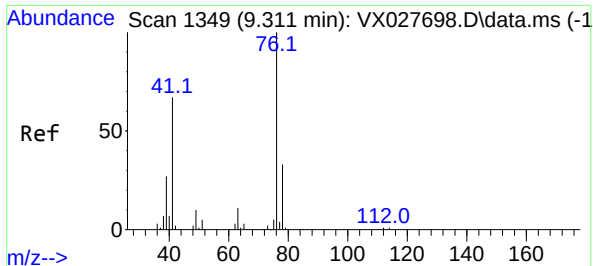
#56
Ethyl methacrylate
Concen: 59.801 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion: 69 Resp: 71387

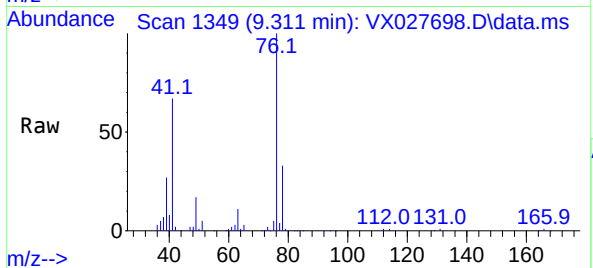
Ion	Ratio	Lower	Upper
69	100		
41	71.1	43.8	65.6#
39	43.8	22.2	33.2#





#57
1,3-Dichloropropane
Concen: 57.139 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

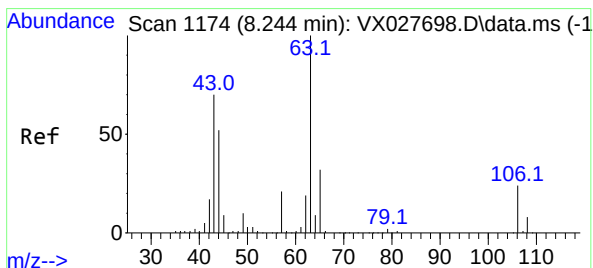
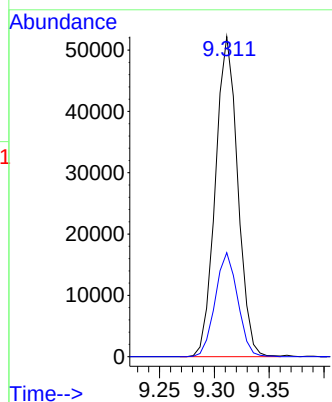
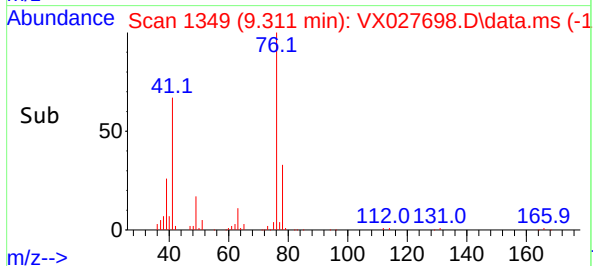
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



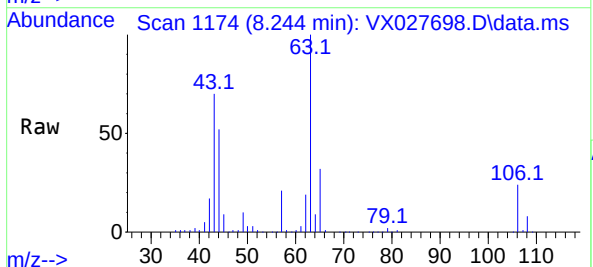
Tgt Ion: 76 Resp: 74030
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

Manual Integrations
APPROVED

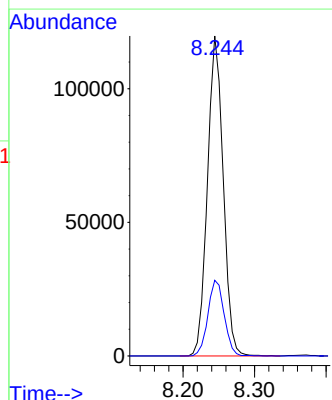
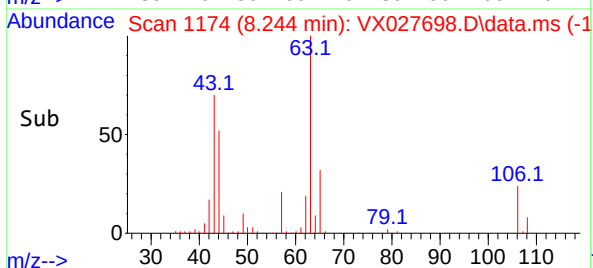
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

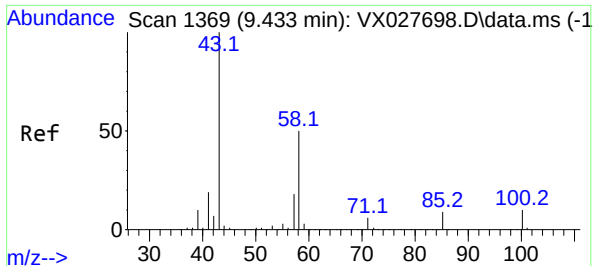


#58
2-Chloroethyl Vinyl ether
Concen: 320.101 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion: 63 Resp: 183511
Ion Ratio Lower Upper
63 100
106 24.5 23.9 35.9





#59

2-Hexanone

Concen: 338.810 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 283540

Ion Ratio Lower Upper

43 100

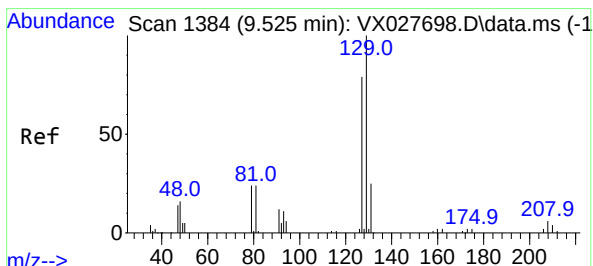
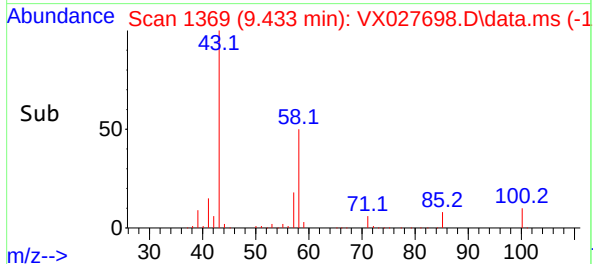
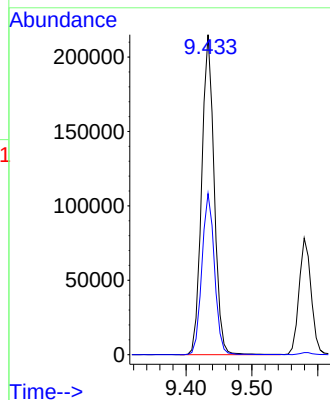
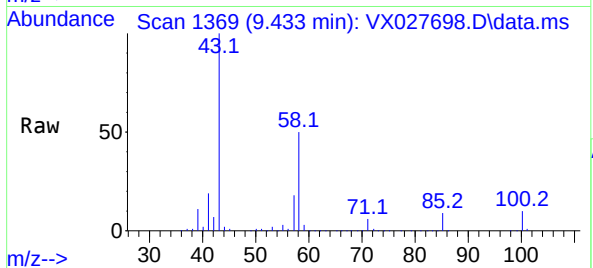
58 50.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#60

Dibromochloromethane

Concen: 48.759 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027698.D

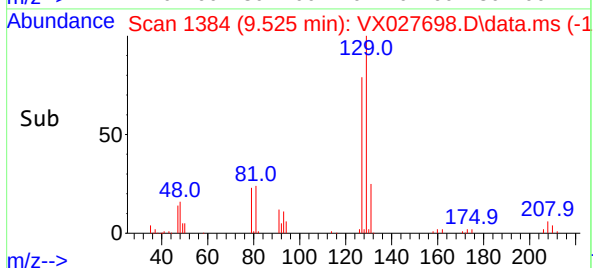
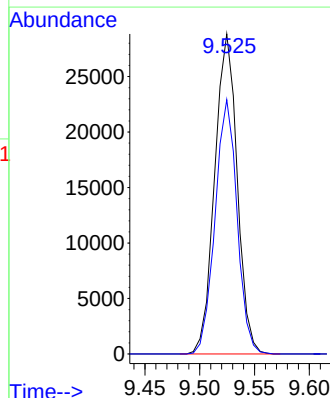
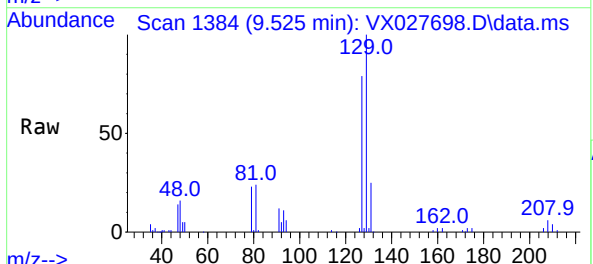
Acq: 25 Mar 2022 13:18

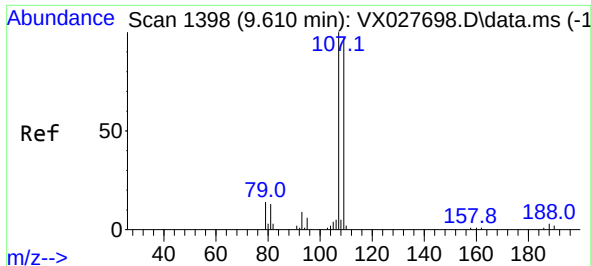
Tgt Ion:129 Resp: 41196

Ion Ratio Lower Upper

129 100

127 77.6 40.3 120.8





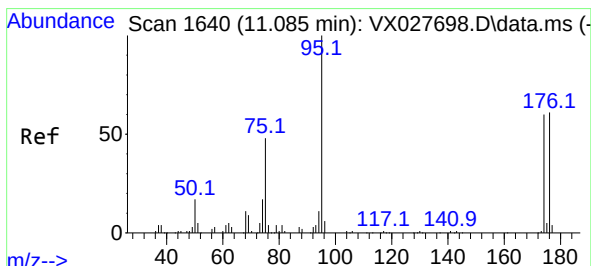
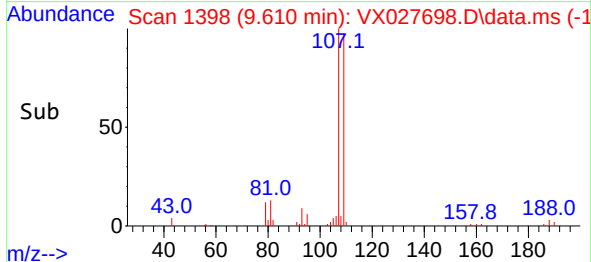
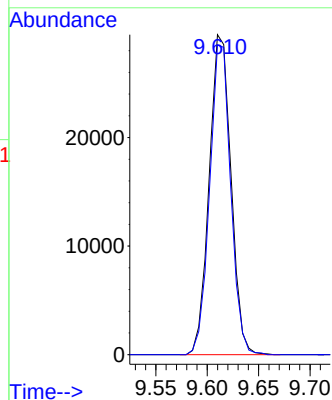
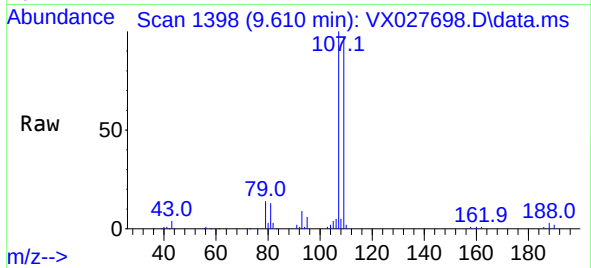
#61
1,2-Dibromoethane
Concen: 50.747 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 43336
Ion Ratio Lower Upper
107 100
109 93.6 74.4 111.6

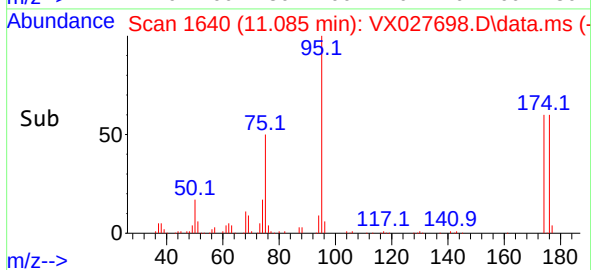
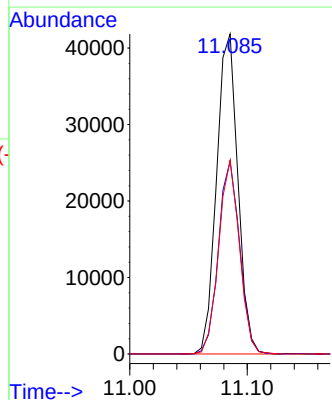
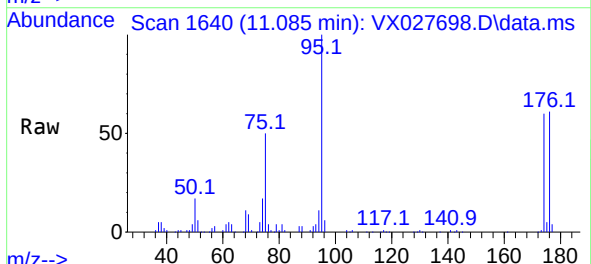
Manual Integrations
APPROVED

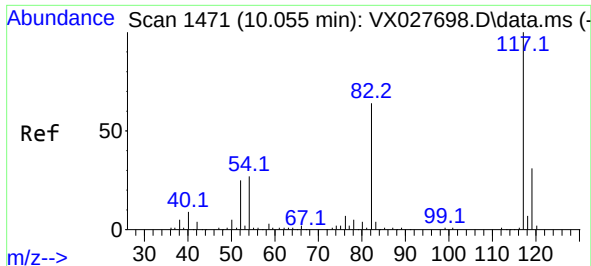
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
4-Bromofluorobenzene
Concen: 51.735 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

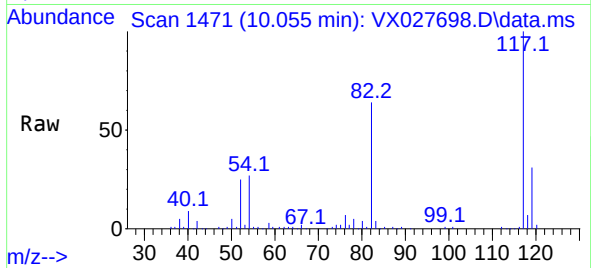
Tgt Ion: 95 Resp: 52657
Ion Ratio Lower Upper
95 100
174 60.4 0.0 163.0
176 59.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

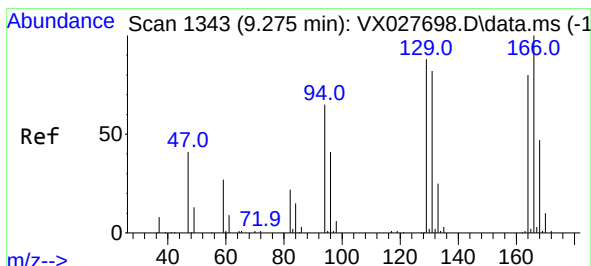
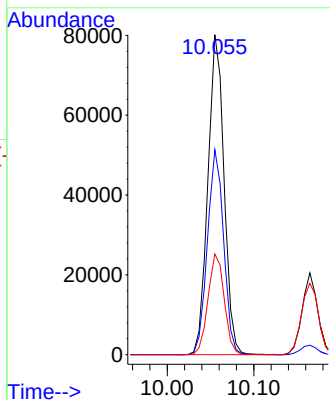
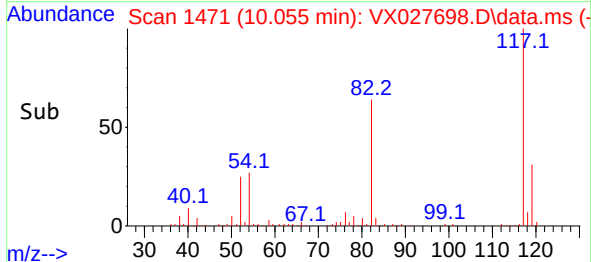
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



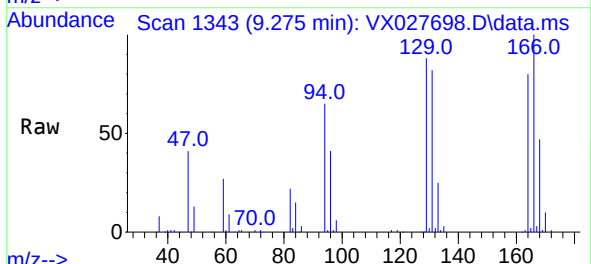
Tgt Ion:117 Resp: 10387
Ion Ratio Lower Upper
117 100
82 64.1 41.8 62.8
119 31.4 24.8 37.2

Manual Integrations
APPROVED

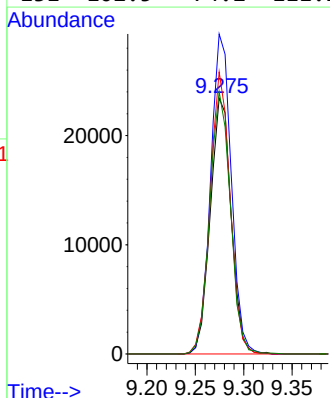
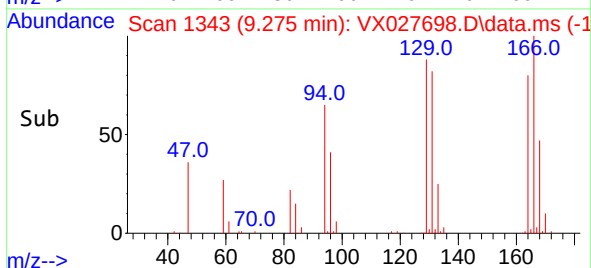
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

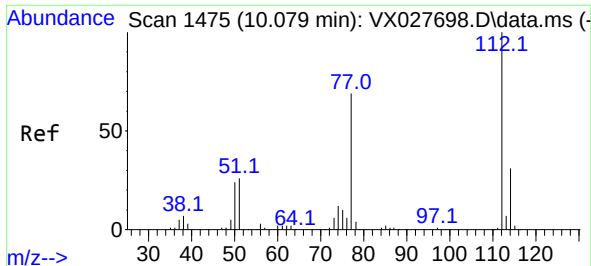


#64
Tetrachloroethene
Concen: 44.571 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



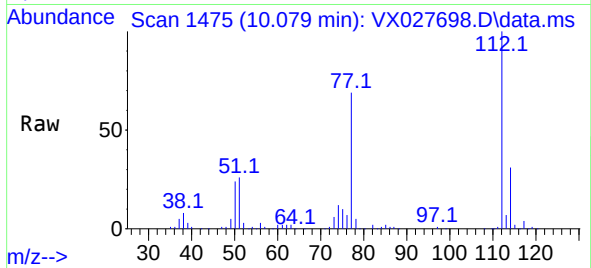
Tgt Ion:164 Resp: 35085
Ion Ratio Lower Upper
164 100
166 125.1 101.2 151.8
129 110.3 73.0 109.4
131 102.5 74.2 111.2





#65
Chlorobenzene
Concen: 48.891 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

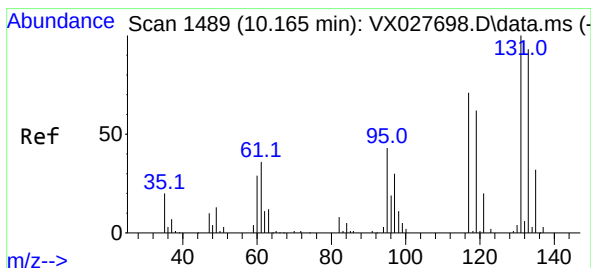
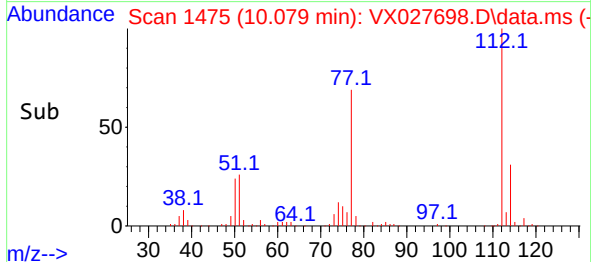
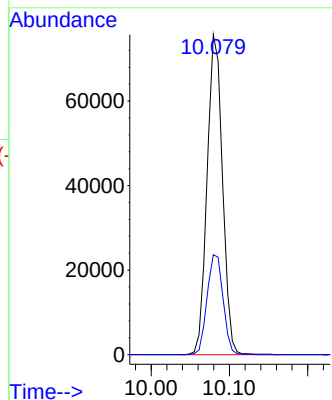
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 10311
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

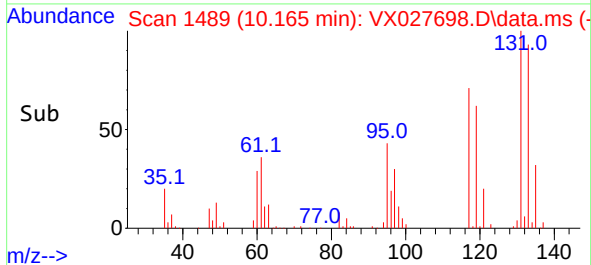
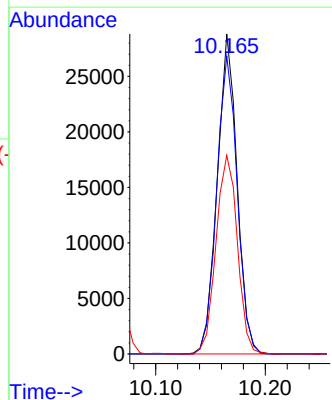
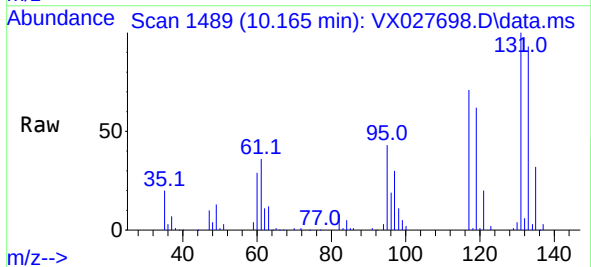
Manual Integrations
APPROVED

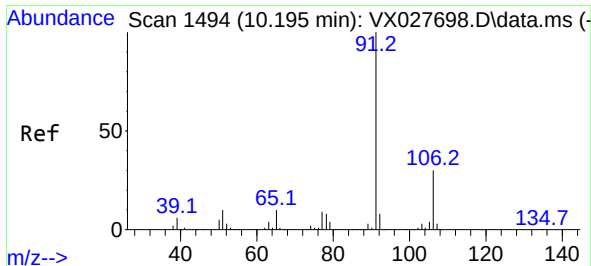
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 46.662 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

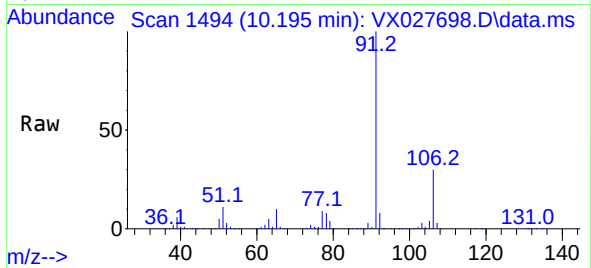
Tgt Ion:131 Resp: 36310
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.8
119 66.6 32.6 98.0





#67
Ethyl Benzene
Concen: 54.067 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

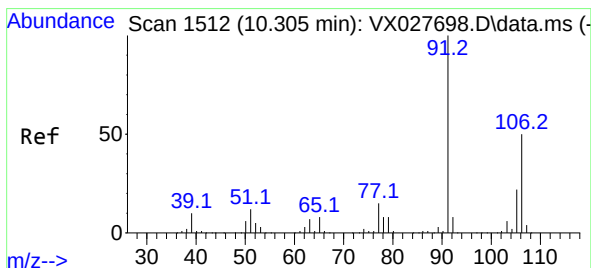
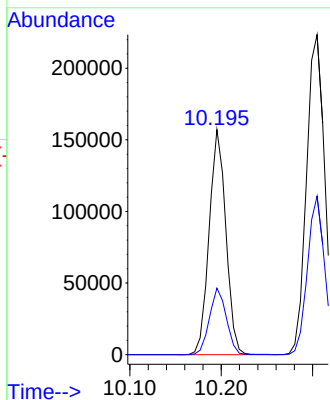
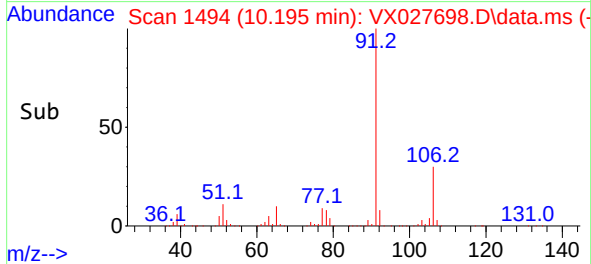
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



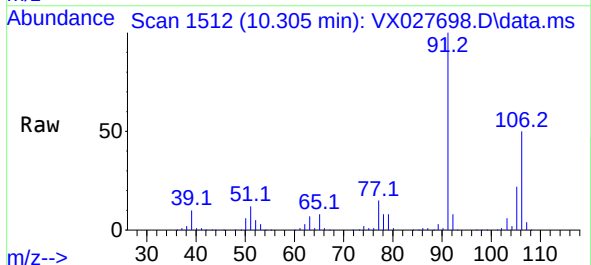
Tgt Ion: 91 Resp: 199307
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8

Manual Integrations
APPROVED

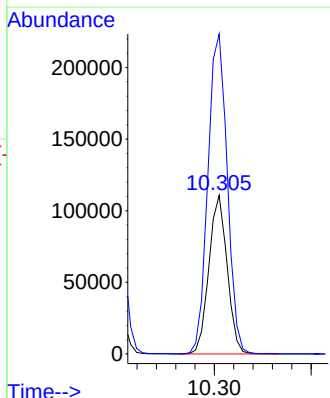
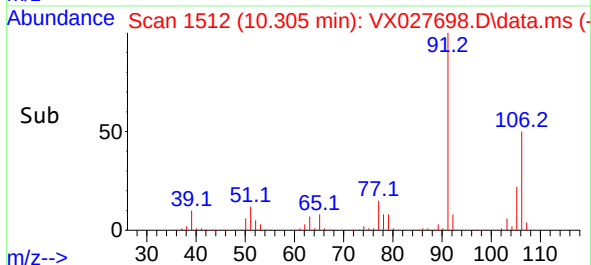
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

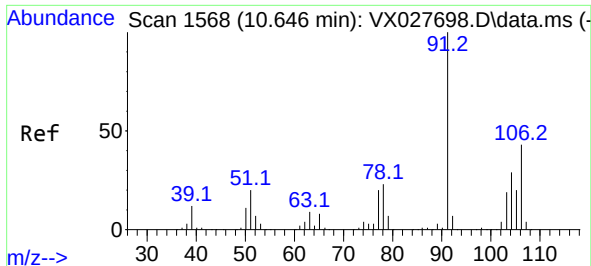


#68
m/p-Xylenes
Concen: 101.088 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion:106 Resp: 145063
Ion Ratio Lower Upper
106 100
91 213.9 160.4 240.6





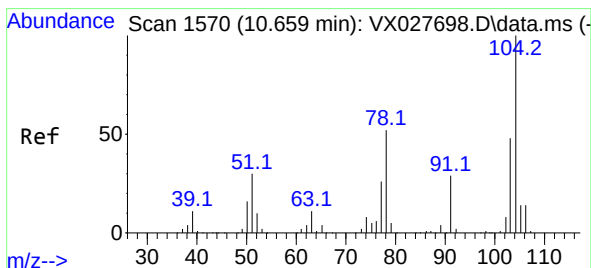
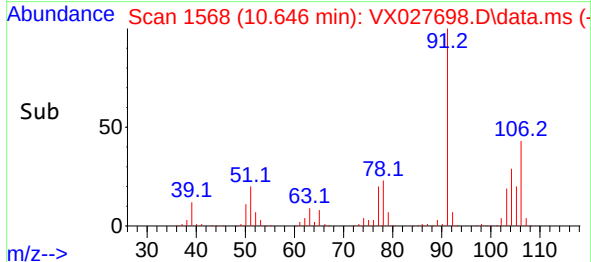
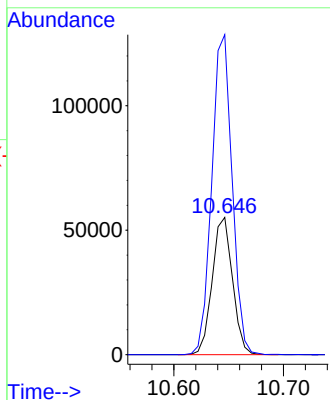
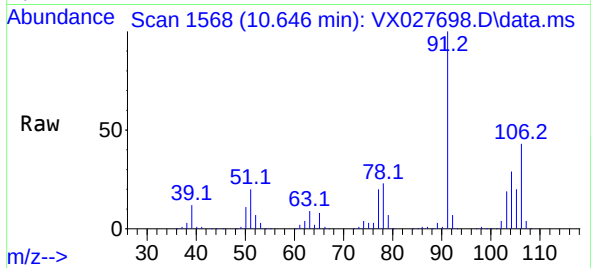
#69
o-Xylene
Concen: 50.924 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 70875
Ion Ratio Lower Upper
106 100
91 233.9 106.1 318.1

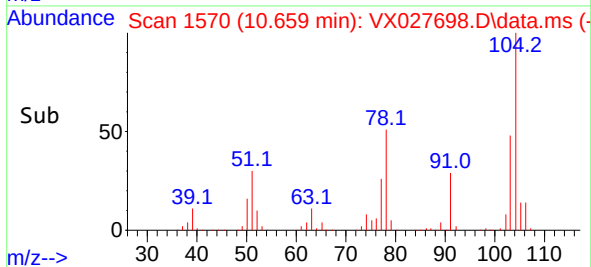
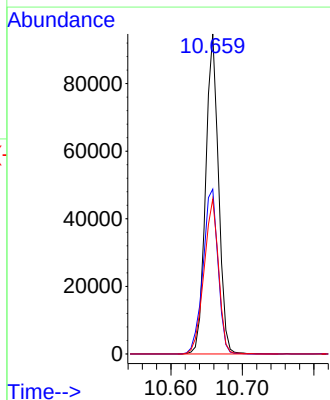
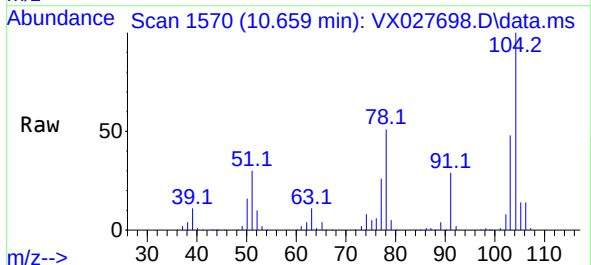
Manual Integrations
APPROVED

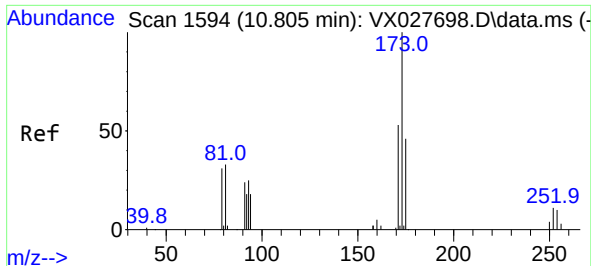
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 52.128 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

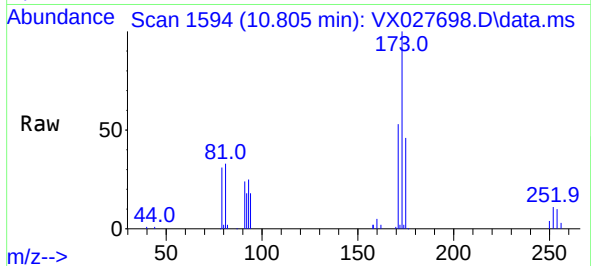
Tgt Ion:104 Resp: 118545
Ion Ratio Lower Upper
104 100
78 59.8 38.6 57.8#
103 54.7 43.8 65.8





#71
Bromoform
Concen: 43.835 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

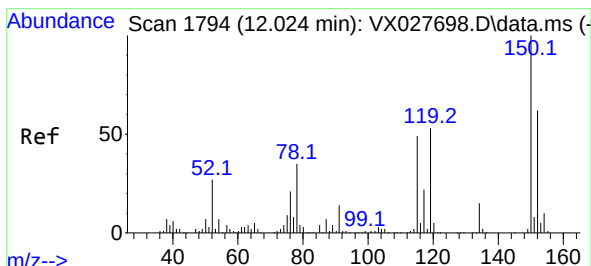
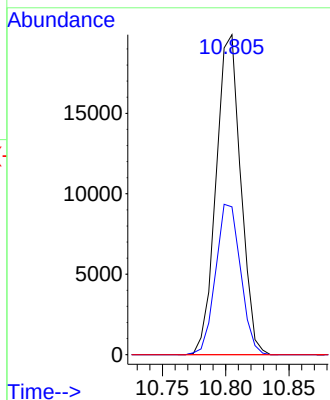
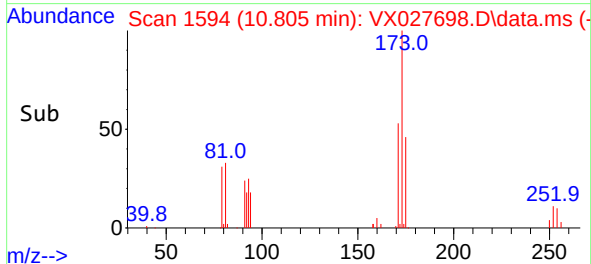
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



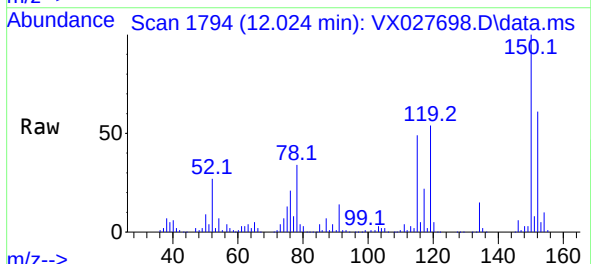
Tgt Ion:173 Resp: 26924
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

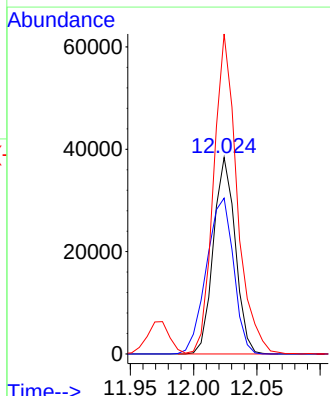
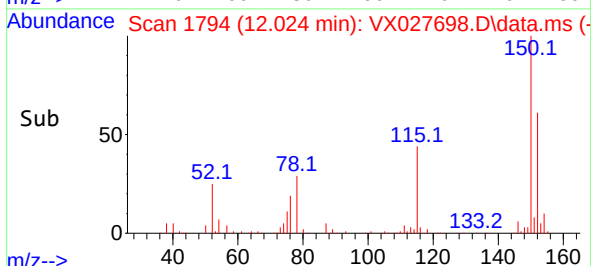
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

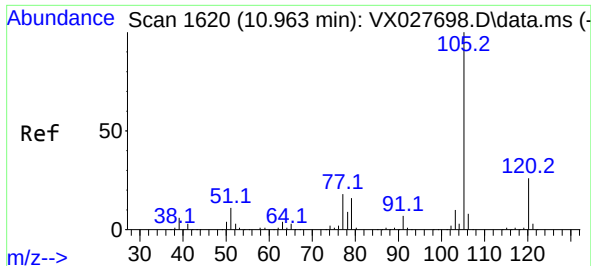


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



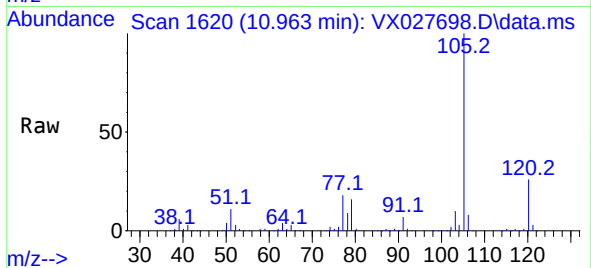
Tgt Ion:152 Resp: 46042
Ion Ratio Lower Upper
152 100
115 98.2 37.5 112.7
150 175.1 0.0 338.2





#73
Isopropylbenzene
Concen: 55.694 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

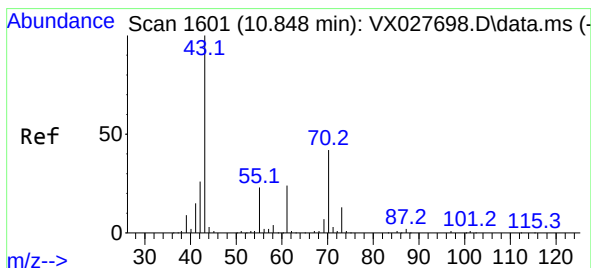
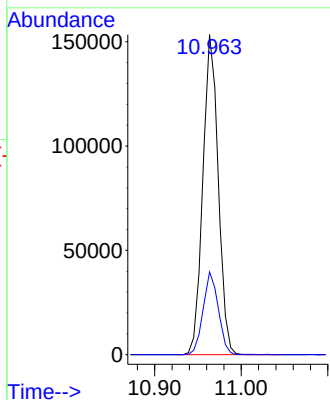
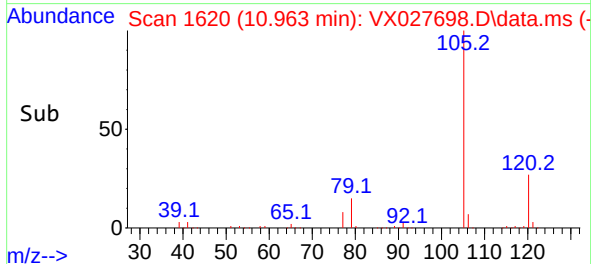
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



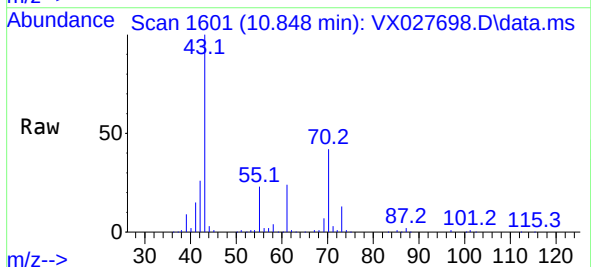
Tgt Ion:105 Resp: 18907
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.5

Manual Integrations
APPROVED

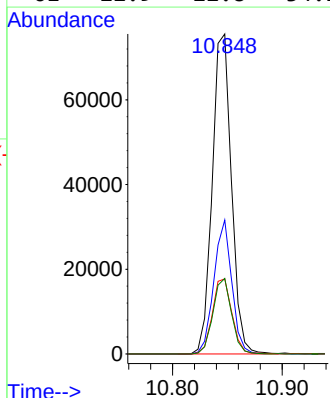
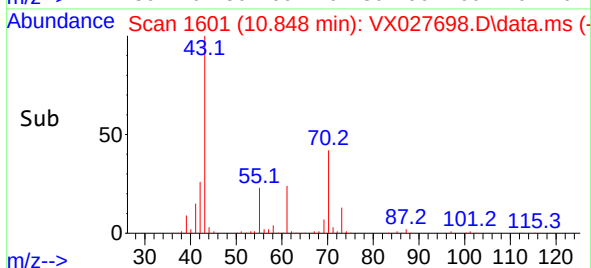
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

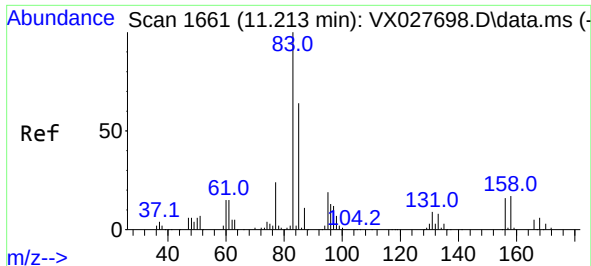


#74
N-ethyl acetate
Concen: 71.786 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



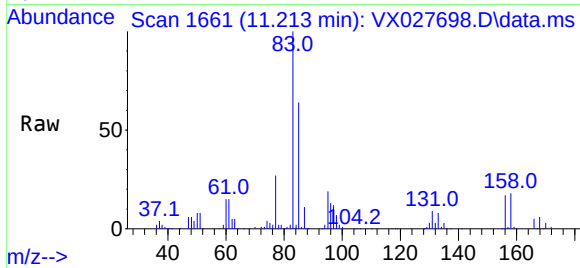
Tgt Ion: 43 Resp: 91985
Ion Ratio Lower Upper
43 100
70 39.1 42.5 63.7#
55 23.9 23.1 34.7
61 22.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 58.638 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

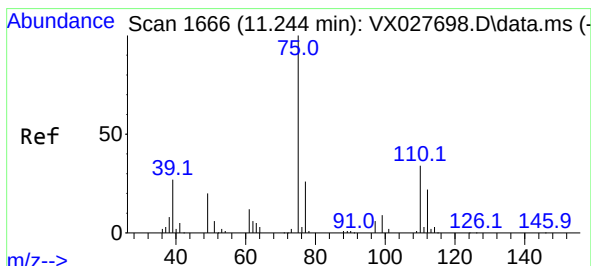
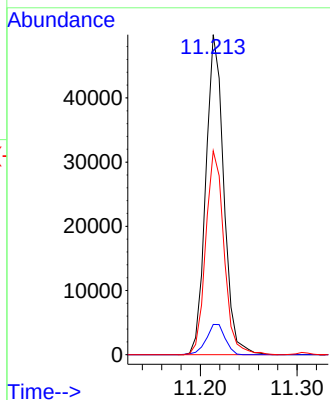
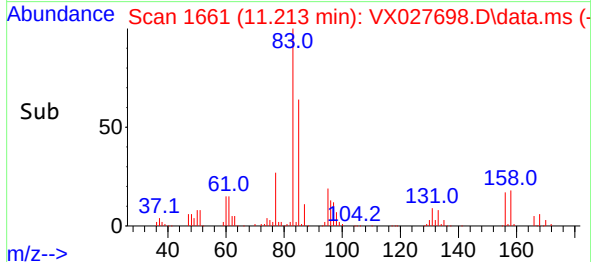
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



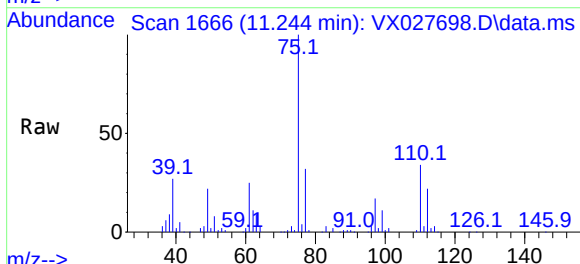
Tgt Ion: 83 Resp: 64128
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.8 32.6 97.7

Manual Integrations
APPROVED

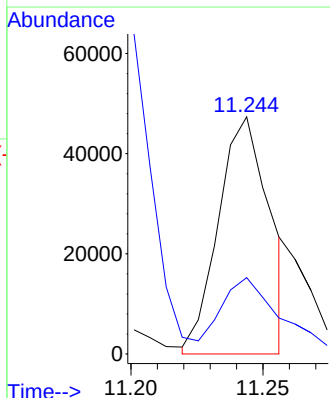
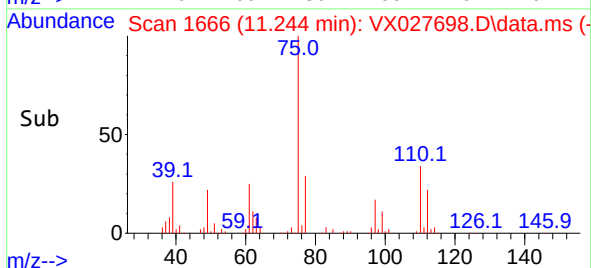
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

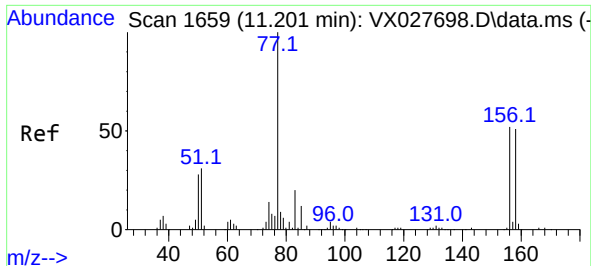


#76
1,2,3-Trichloropropane
Concen: 63.579 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



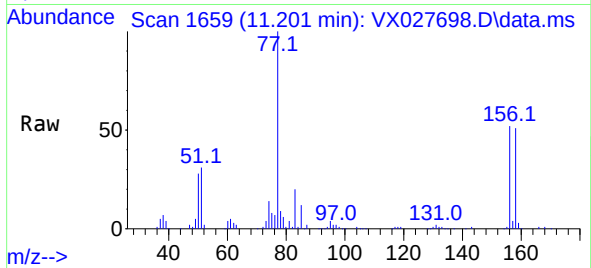
Tgt Ion: 75 Resp: 63751
Ion Ratio Lower Upper
75 100
77 38.0 19.4 58.2





#77
Bromobenzene
Concen: 47.561 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

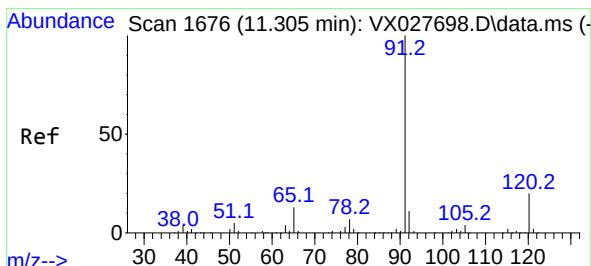
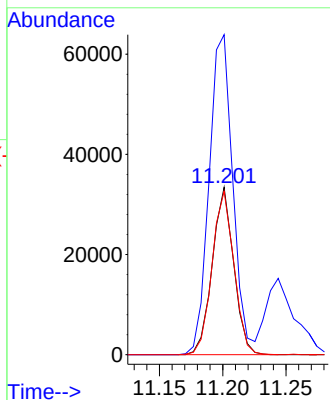
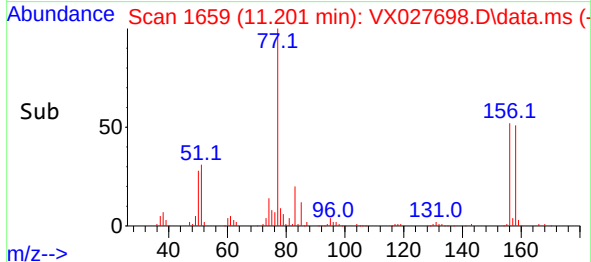
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



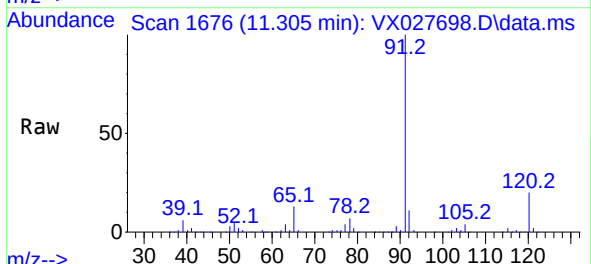
Tgt Ion:156 Resp: 39370
Ion Ratio Lower Upper
156 100
77 211.5 78.5 235.3
158 99.5 50.2 150.7

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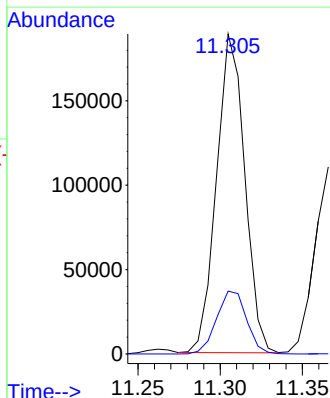
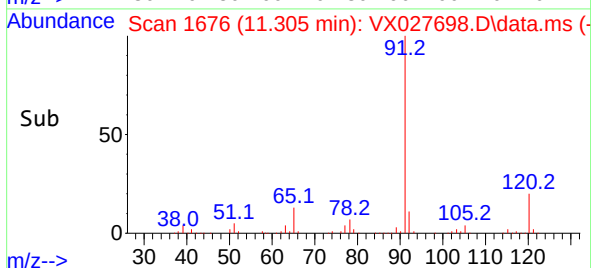
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

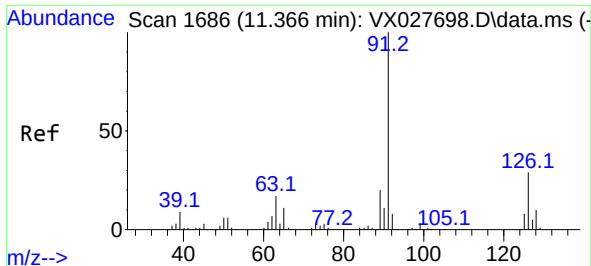


#78
n-propylbenzene
Concen: 59.757 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion: 91 Resp: 225662
Ion Ratio Lower Upper
91 100
120 21.0 11.6 34.8





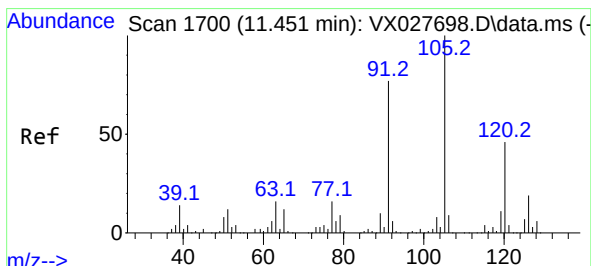
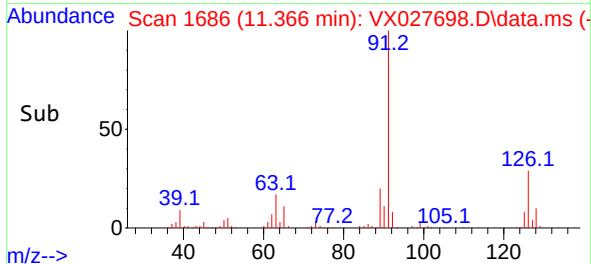
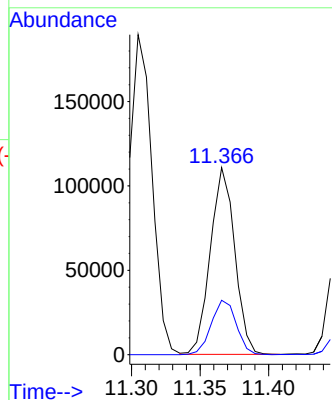
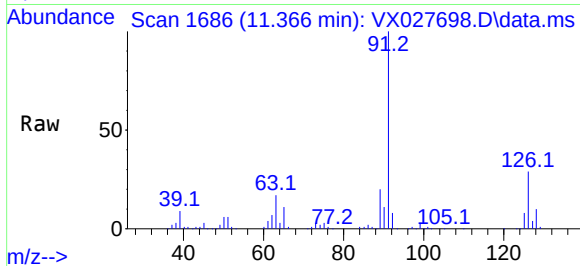
#79
2-Chlorotoluene
Concen: 58.014 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 13703
Ion Ratio Lower Upper
91 100
126 29.9 17.3 51.9

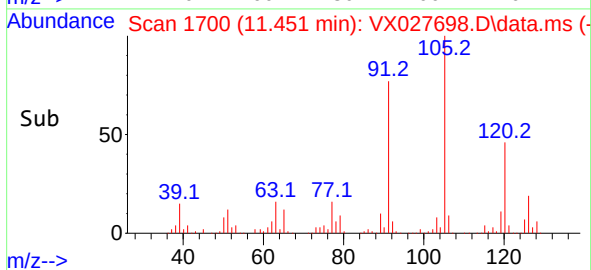
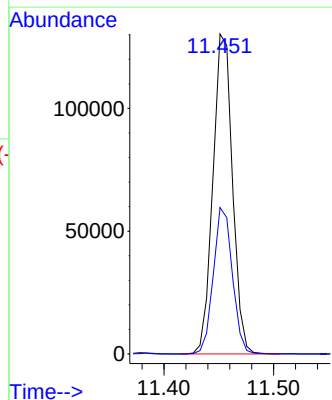
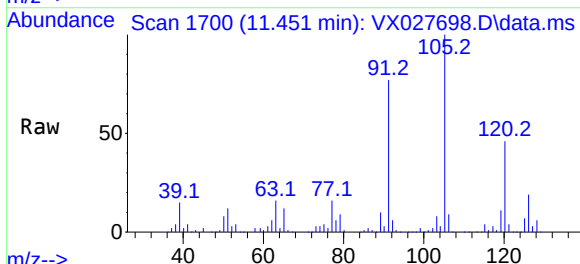
Manual Integrations
APPROVED

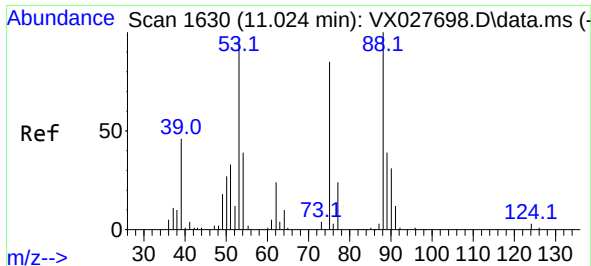
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.566 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Tgt Ion:105 Resp: 161811
Ion Ratio Lower Upper
105 100
120 44.5 24.3 72.9





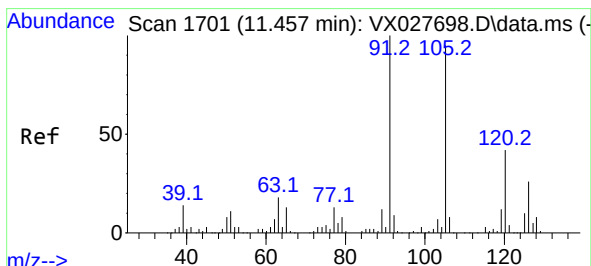
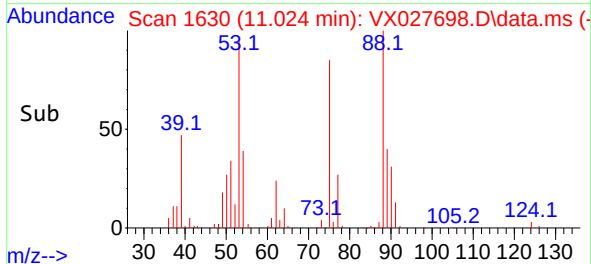
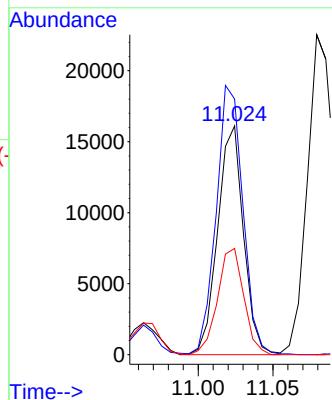
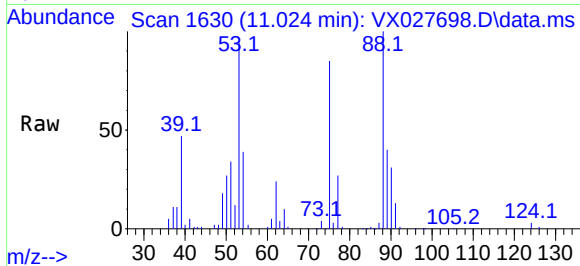
#81
trans-1,4-Dichloro-2-butene
Concen: 59.519 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 19360
Ion Ratio Lower Upper
75 100
53 121.6 69.0 103.4
89 47.3 37.0 55.6

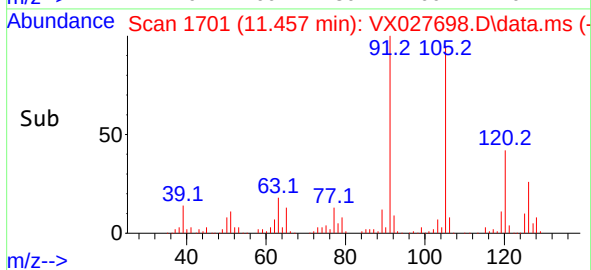
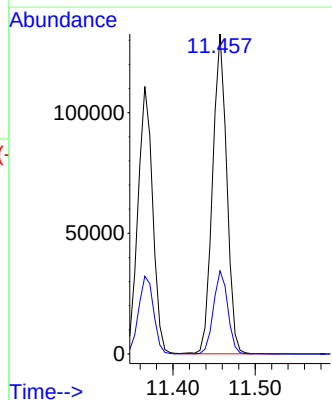
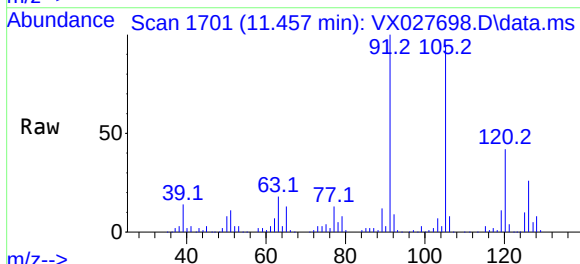
Manual Integrations
APPROVED

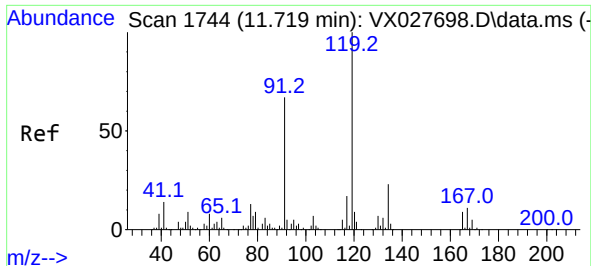
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#82
4-Chlorotoluene
Concen: 58.956 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

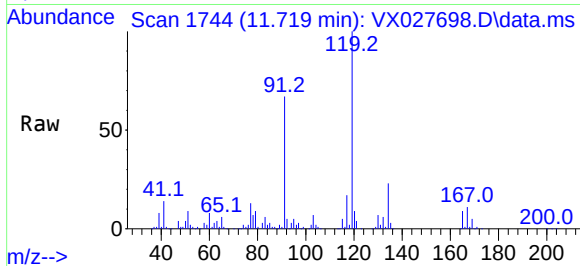
Tgt Ion: 91 Resp: 159151
Ion Ratio Lower Upper
91 100
126 26.3 14.9 44.5





#83
tert-Butylbenzene
Concen: 53.231 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

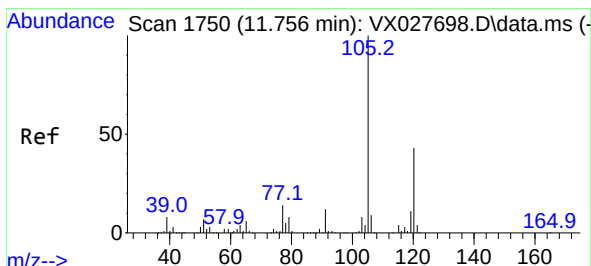
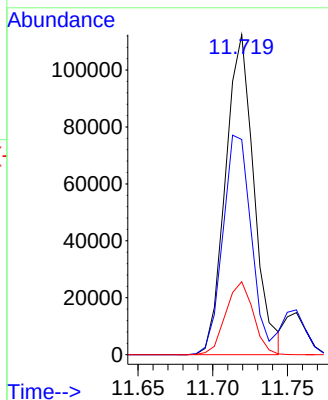
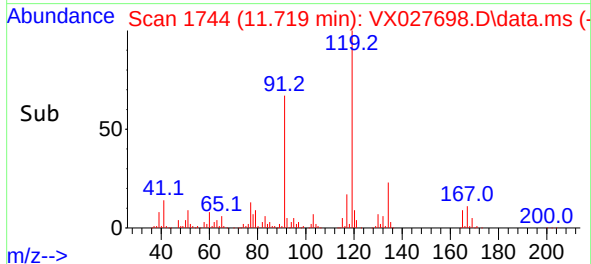
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



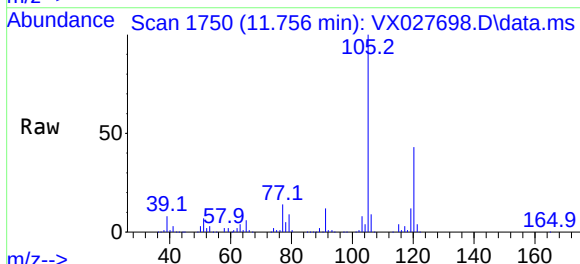
Tgt Ion:119 Resp: 148812
Ion Ratio Lower Upper
119 100
91 68.3 26.9 80.6
134 22.0 11.4 34.2

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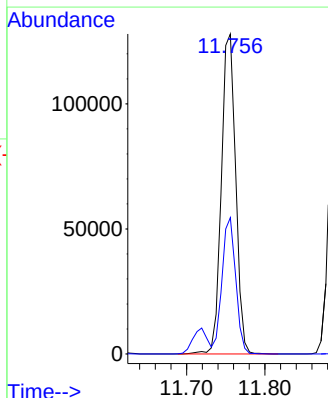
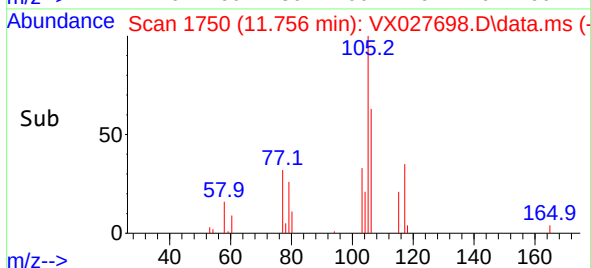
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

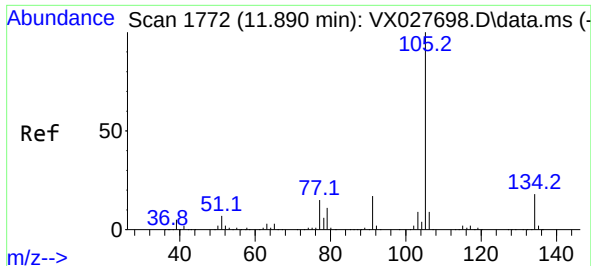


#84
1,2,4-Trimethylbenzene
Concen: 57.064 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



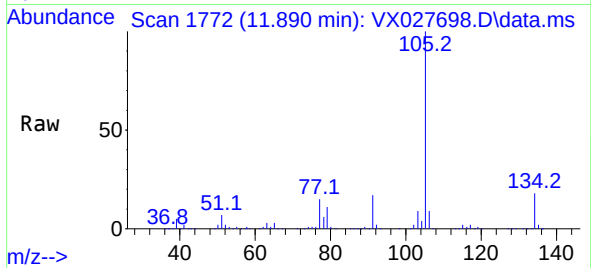
Tgt Ion:105 Resp: 163116
Ion Ratio Lower Upper
105 100
120 40.9 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 56.701 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027698.D
 Acq: 25 Mar 2022 13:18

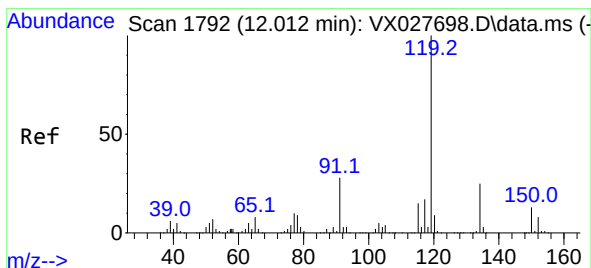
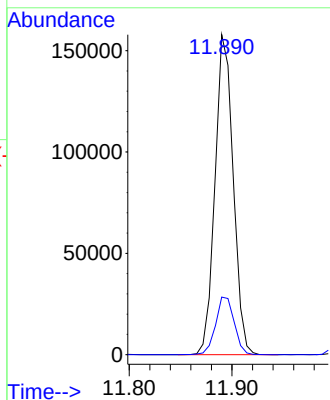
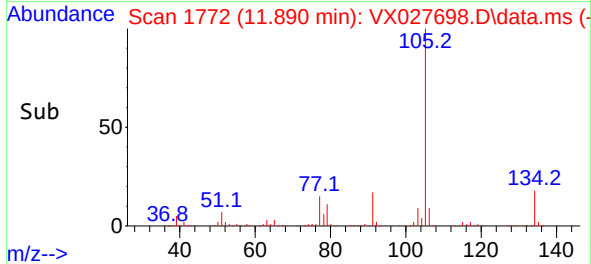
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



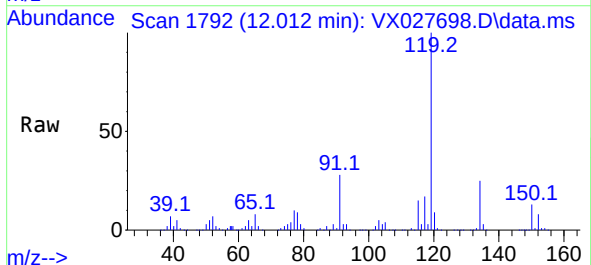
Tgt Ion:105 Resp: 19385
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.2 30.4

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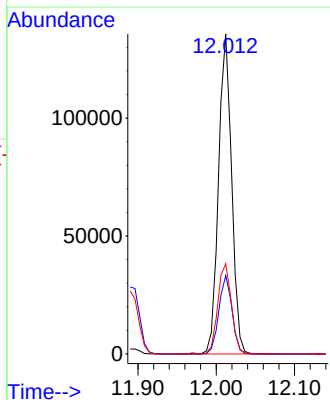
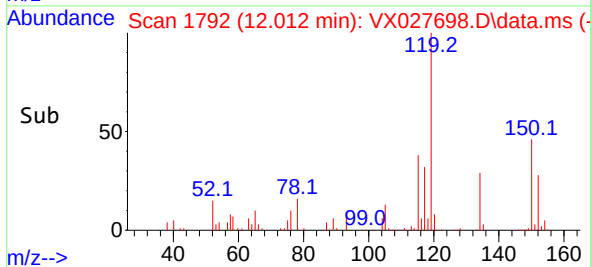
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

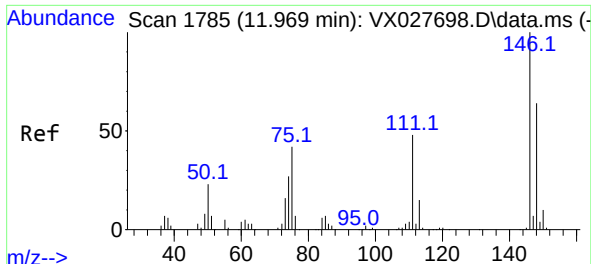


#86
 p-Isopropyltoluene
 Concen: 54.374 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027698.D
 Acq: 25 Mar 2022 13:18



Tgt Ion:119 Resp: 158070
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.0 39.0
 91 29.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.902 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

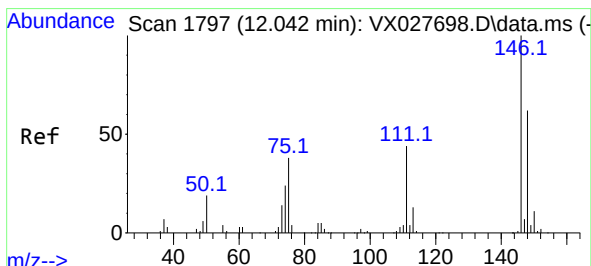
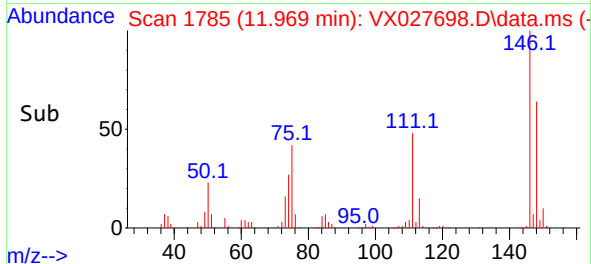
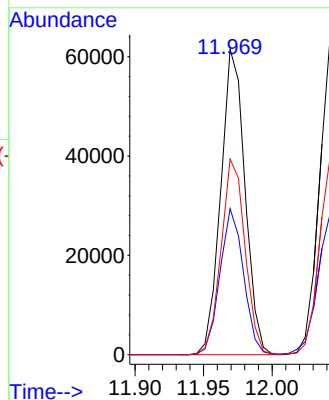
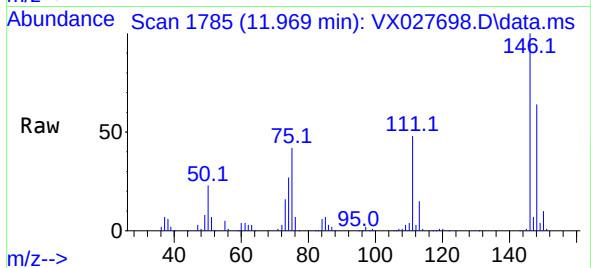
Tgt Ion:146 Resp: 75580
 Ion Ratio Lower Upper
 146 100
 111 46.5 19.7 59.1
 148 63.3 31.6 94.7

Manual Integrations

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Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#88

1,4-Dichlorobenzene

Concen: 48.606 ug/l

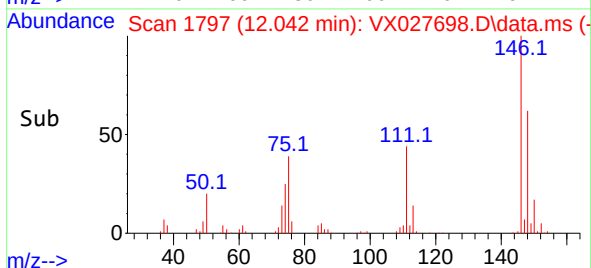
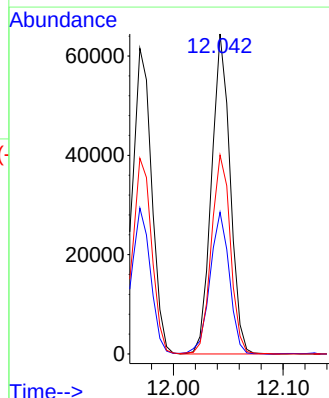
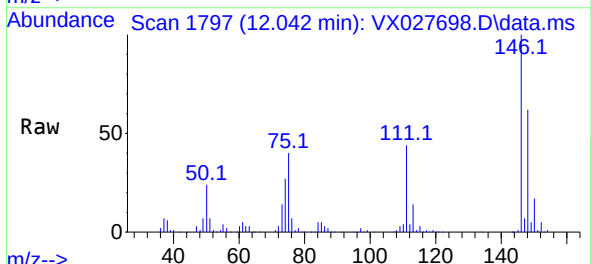
RT: 12.042 min Scan# 1797

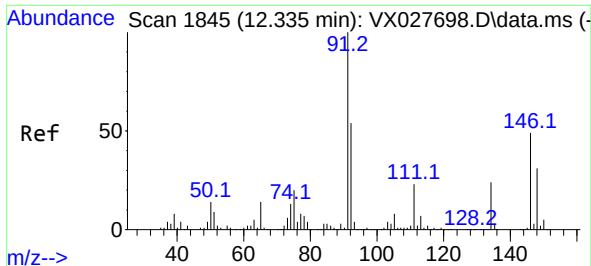
Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

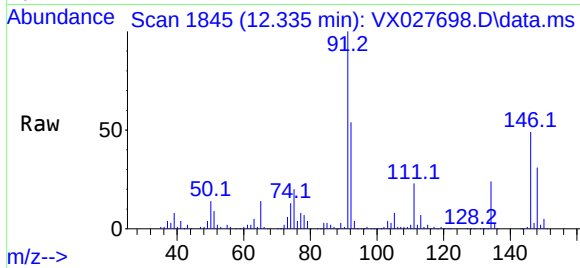
Tgt Ion:146 Resp: 76131
 Ion Ratio Lower Upper
 146 100
 111 45.9 19.2 57.6
 148 63.6 32.3 96.9





#89
n-Butylbenzene
Concen: 58.713 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

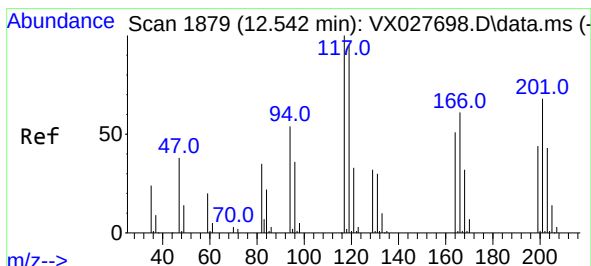
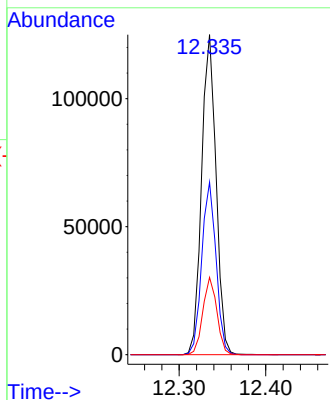
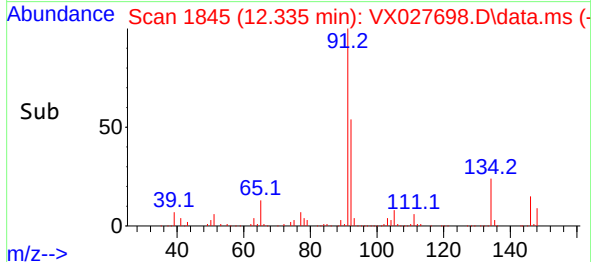
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 14493
Ion Ratio Lower Upper
91 100
92 53.3 27.8 83.3
134 23.4 13.3 39.8

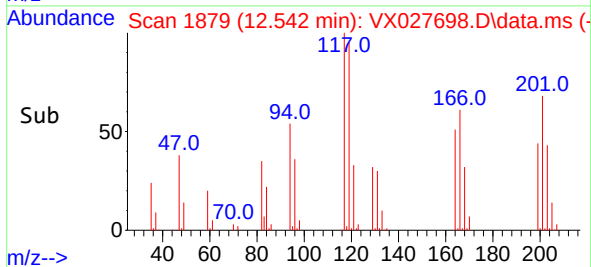
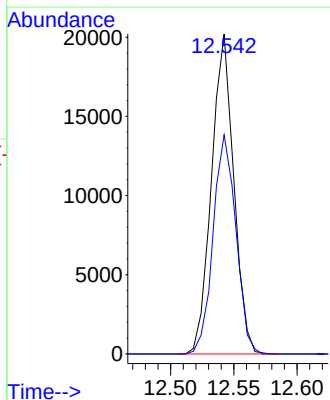
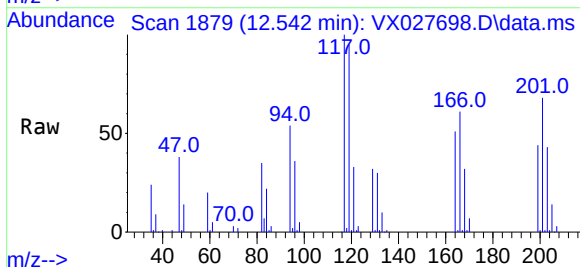
Manual Integrations
APPROVED

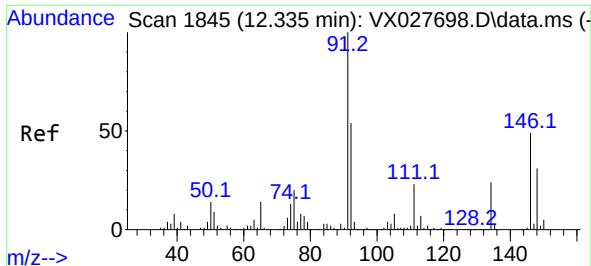
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 53.499 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

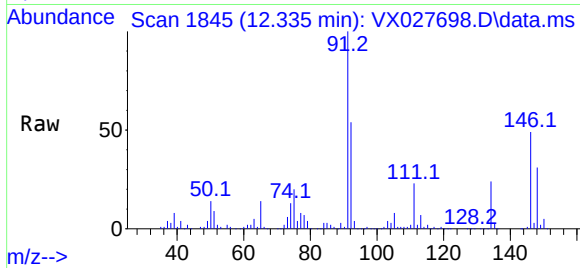
Tgt Ion:117 Resp: 24680
Ion Ratio Lower Upper
117 100
201 70.1 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 49.368 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

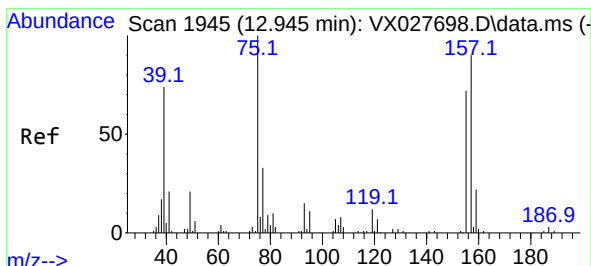
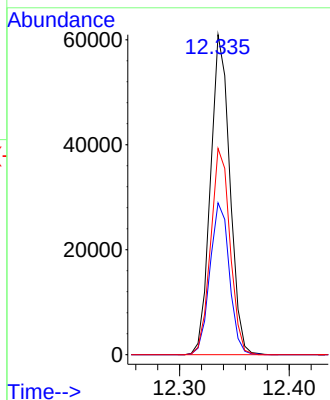
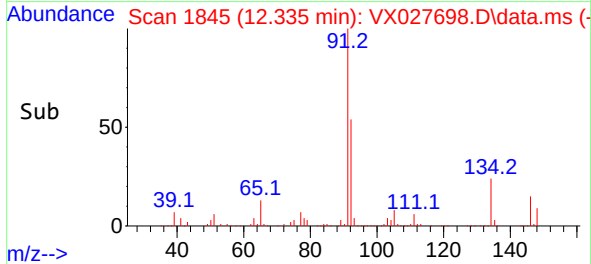
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



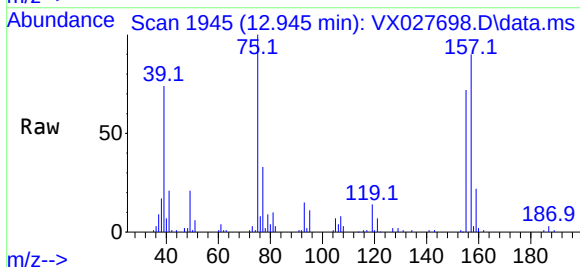
Tgt Ion:146 Resp: 74724
Ion Ratio Lower Upper
146 100
111 47.5 21.0 63.0
148 64.5 32.6 97.7

Manual Integrations
APPROVED

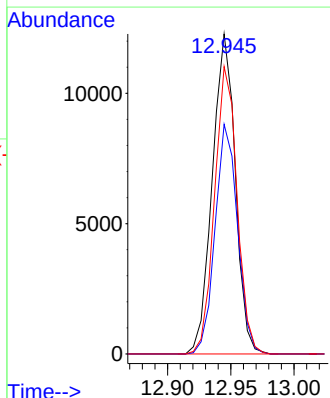
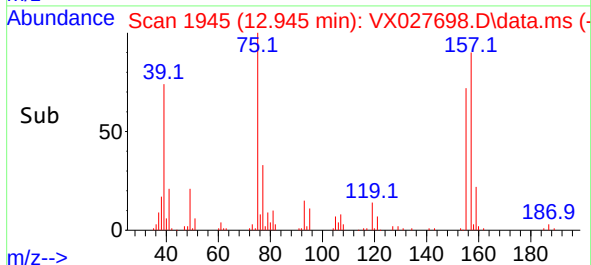
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

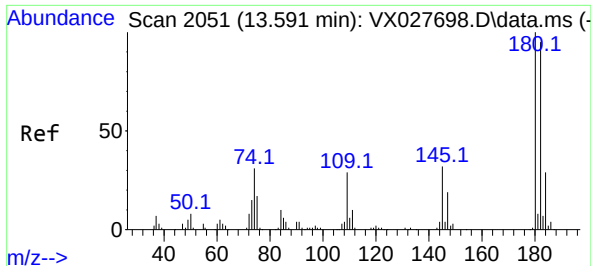


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.188 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18



Tgt Ion: 75 Resp: 15468
Ion Ratio Lower Upper
75 100
155 70.3 47.0 141.2
157 87.8 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 49.693 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 48350

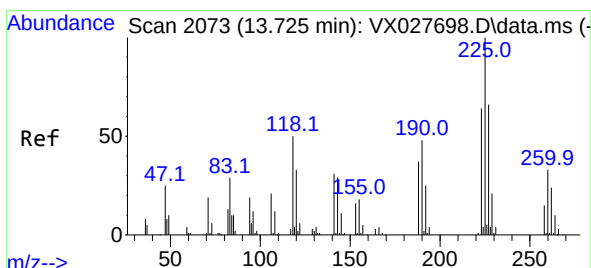
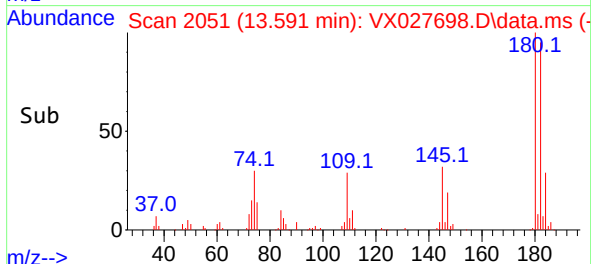
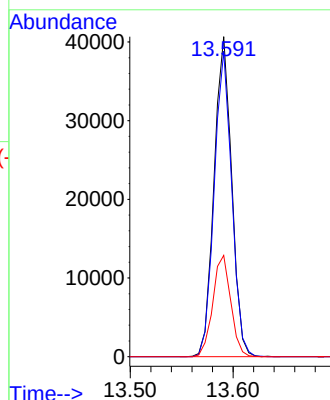
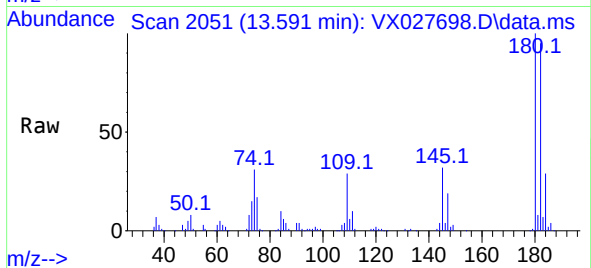
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	32.3	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#94

Hexachlorobutadiene

Concen: 51.559 ug/l

RT: 13.725 min Scan# 2073

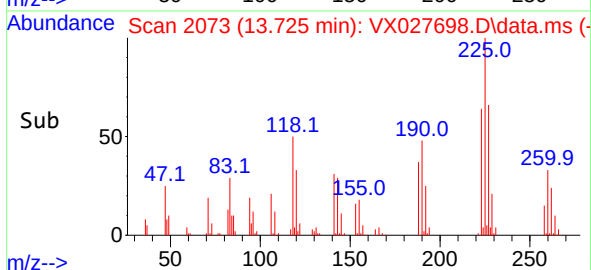
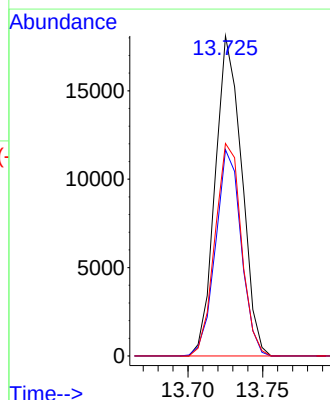
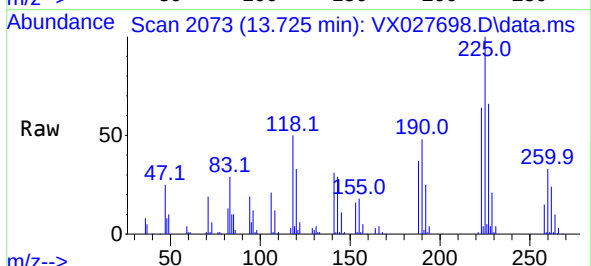
Delta R.T. 0.000 min

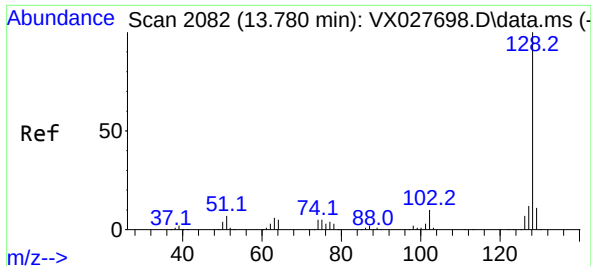
Lab File: VX027698.D

Acq: 25 Mar 2022 13:18

Tgt Ion:225 Resp: 22300

Ion	Ratio	Lower	Upper
225	100		
223	62.4	34.2	102.5
227	66.2	33.9	101.7





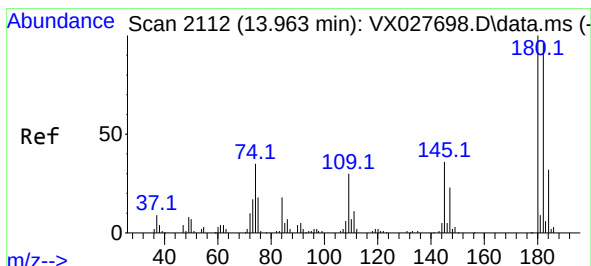
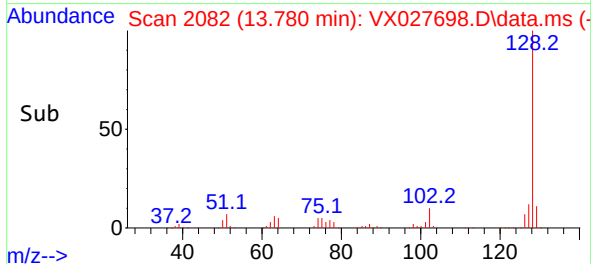
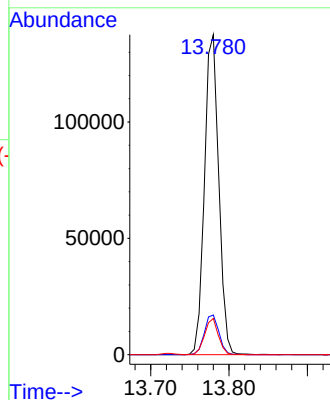
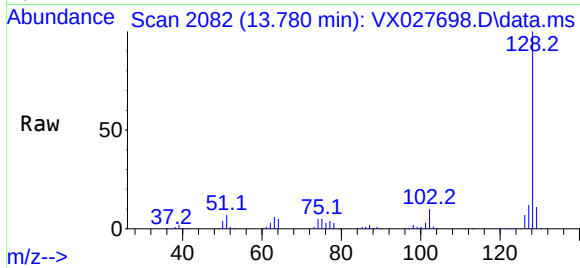
#95
Naphthalene
Concen: 54.347 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 17384
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.142 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027698.D
Acq: 25 Mar 2022 13:18

Tgt Ion:180 Resp: 47208
Ion Ratio Lower Upper
180 100
182 97.1 50.0 149.8
145 34.8 16.2 48.5

