

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020823\
 Data File : U053000.D
 Acq On : 08 Feb 2023 14:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV078

Quant Time: Feb 09 01:48:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 01:09:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	334046	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	313975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	173515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	150057	48.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.700%		
7) Chloroethane-d5	1.913	69	126603	50.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.860%		
11) 1,1-Dichloroethene-d2	2.566	63	229309	48.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.440%		
21) 2-Butanone-d5	4.624	46	120125	99.797	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.800%		
24) Chloroform-d	5.058	84	249660	48.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.300%		
26) 1,2-Dichloroethane-d4	5.694	65	145980	47.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.200%		
32) Benzene-d6	5.723	84	511009	49.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.120%		
36) 1,2-Dichloropropane-d6	6.685	67	155460	48.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.740%		
41) Toluene-d8	7.894	98	498945	48.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.760%		
43) trans-1,3-Dichloroprop...	8.173	79	88666	50.336	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.680%		
47) 2-Hexanone-d5	8.627	63	100817	103.295	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.300%		
56) 1,1,2,2-Tetrachloroeth...	10.752	84	215699	48.479	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.960%		
66) 1,2-Dichlorobenzene-d4	12.189	152	195193	50.547	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	125606	47.811	ug/L	99
3) Chloromethane	1.518	50	114696	47.357	ug/L	100
5) Vinyl chloride	1.604	62	142457	47.773	ug/L	98
6) Bromomethane	1.858	94	102495	49.800	ug/L	100
8) Chloroethane	1.932	64	92374	50.537	ug/L	98
9) Trichlorofluoromethane	2.135	101	227410	49.813	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	113562	49.378	ug/L	98
12) 1,1-Dichloroethene	2.579	96	106333	48.526	ug/L	95
13) Acetone	2.637	43	89443	82.143	ug/L	92
14) Carbon disulfide	2.791	76	316634	48.565	ug/L	100
16) Methylene chloride	3.042	84	123528	46.706	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	114492	48.851	ug/L	94
18) Methyl tert-butyl Ether	3.357	73	353111	48.425	ug/L	98
19) 1,1-Dichloroethane	3.865	63	194639	48.455	ug/L	96
20) cis-1,2-Dichloroethene	4.662	96	130378	49.303	ug/L #	95
22) 2-Butanone	4.704	43	118217	92.224	ug/L	88
23) Bromochloromethane	4.968	128	69180	48.514	ug/L	94
25) Chloroform	5.083	83	216457	48.197	ug/L	100
27) 1,2-Dichloroethane	5.788	62	153061	47.676	ug/L	96

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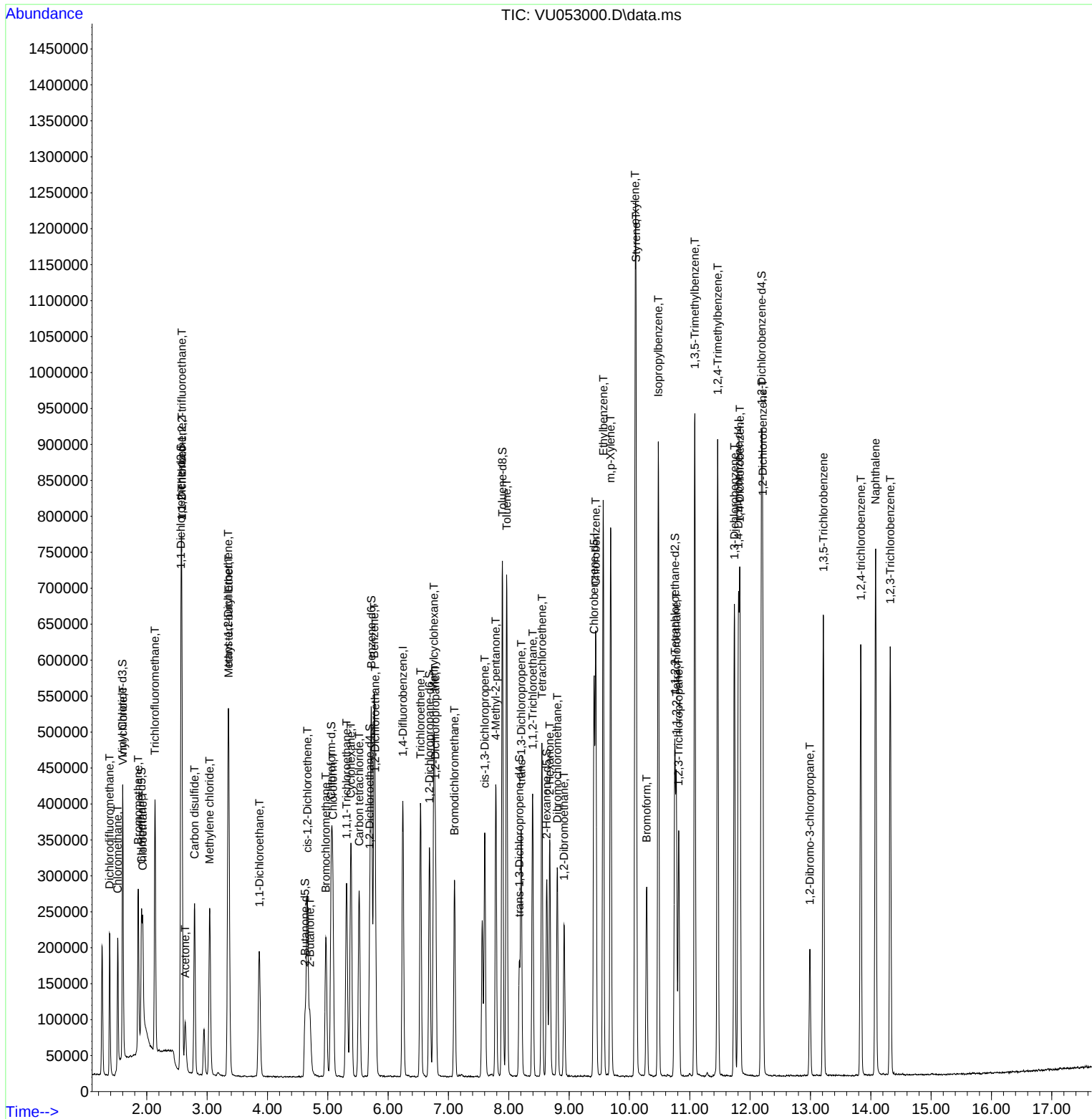
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 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 01:09:47 2023
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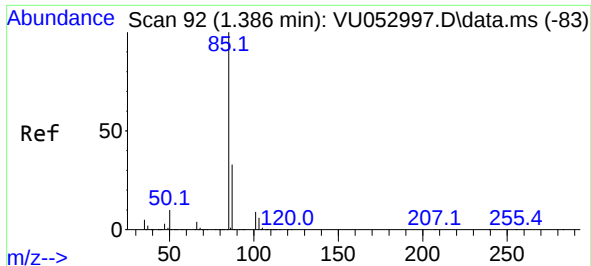
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.382	56	173867	47.129	ug/L	94
30) 1,1,1-Trichloroethane	5.312	97	198521	49.182	ug/L	99
31) Carbon tetrachloride	5.521	117	176110	49.762	ug/L	99
33) Benzene	5.768	78	472086	49.042	ug/L	100
34) Trichloroethene	6.537	95	128509	49.089	ug/L	99
35) Methylcyclohexane	6.759	83	215181	48.405	ug/L	93
37) 1,2-Dichloropropane	6.784	63	119380	48.917	ug/L	98
38) Bromodichloromethane	7.099	83	173133	49.099	ug/L	99
39) cis-1,3-Dichloropropene	7.601	75	205859	49.069	ug/L	98
40) 4-Methyl-2-pentanone	7.784	43	230532	97.544	ug/L	93
42) Toluene	7.964	91	529500	48.551	ug/L	95
44) trans-1,3-Dichloropropene	8.205	75	198903	48.908	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	123449	49.110	ug/L	99
46) Tetrachloroethene	8.550	164	102932	49.647	ug/L	97
48) 2-Hexanone	8.678	43	184095	97.709	ug/L	90
49) Dibromochloromethane	8.803	129	150392	49.521	ug/L	97
50) 1,2-Dibromoethane	8.916	107	138069	50.206	ug/L	99
51) Chlorobenzene	9.440	112	345719	49.265	ug/L	98
52) Ethylbenzene	9.566	91	581624	48.493	ug/L	99
53) m,p-Xylene	9.688	106	228144	48.099	ug/L	93
54) o-xylene	10.096	106	224524	47.925	ug/L	92
55) Styrene	10.109	104	382338	48.382	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	195477	49.867	ug/L	98
59) Bromoform	10.286	173	117433	51.778	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	143885	50.539	ug/L	98
61) Isopropylbenzene	10.479	105	586665	49.183	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	511276	48.686	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	501989	49.079	ug/L	97
64) 1,3-Dichlorobenzene	11.739	146	272124	50.571	ug/L	99
65) 1,4-Dichlorobenzene	11.829	146	273286	50.487	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	274902	50.877	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	44273	51.135	ug/L	95
69) 1,3,5-Trichlorobenzene	13.215	180	206534	49.524	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	191963	51.523	ug/L	98
71) Naphthalene	14.080	128	600392	54.376	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	189862	51.991	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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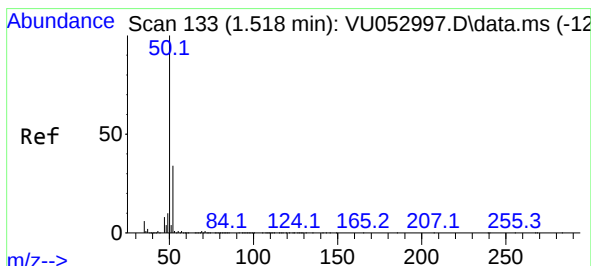
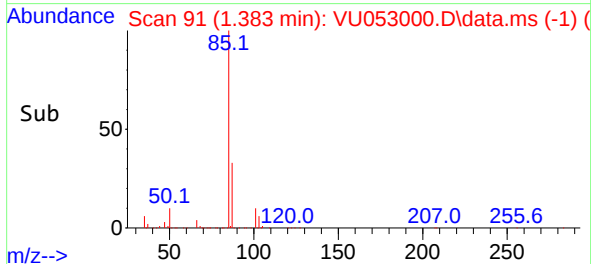
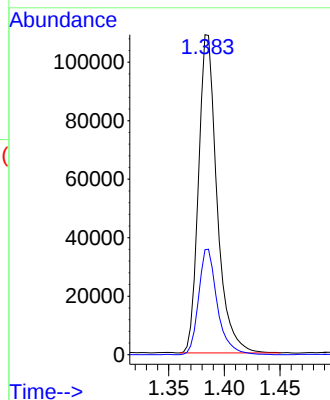
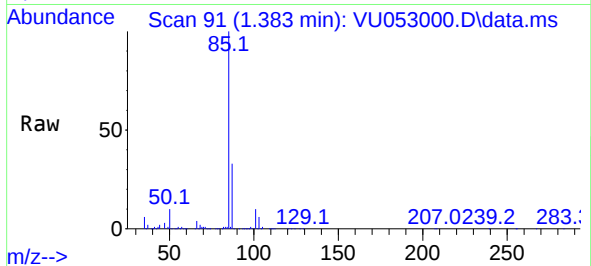




#2
Dichlorodifluoromethane
Concen: 47.811 ug/L
RT: 1.383 min Scan# 91
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

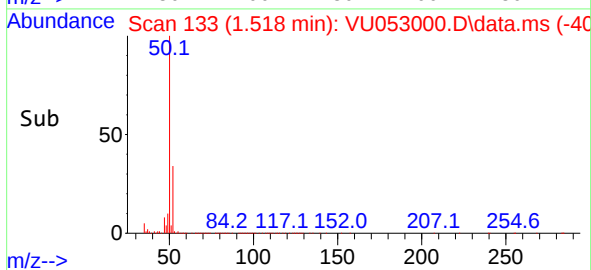
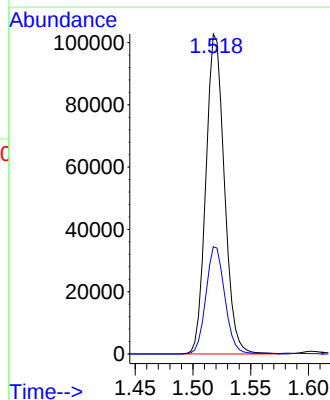
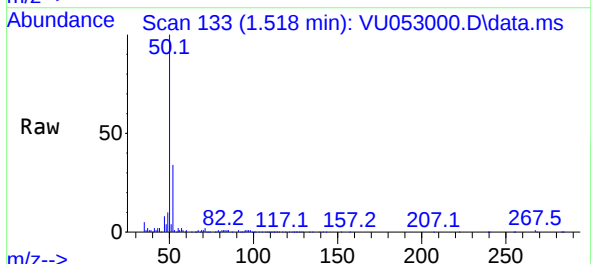
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MSVOA_U
ClientSampleId :
VICV078

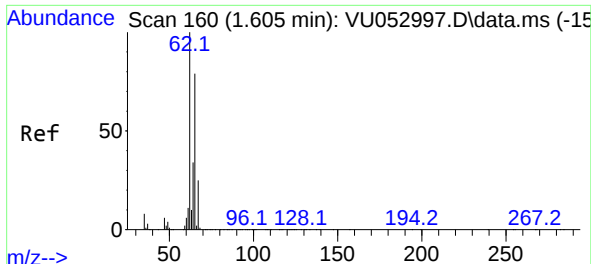
Tgt Ion: 85 Resp: 125606
Ion Ratio Lower Upper
85 100
87 33.5 26.4 39.6



#3
Chloromethane
Concen: 47.357 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 50 Resp: 114696
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.4

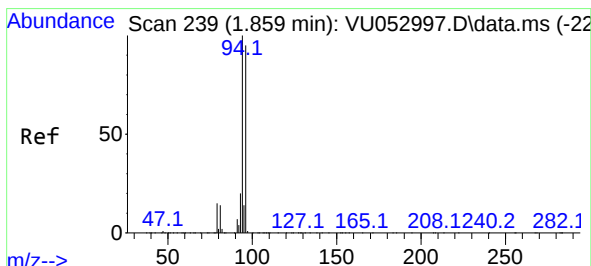
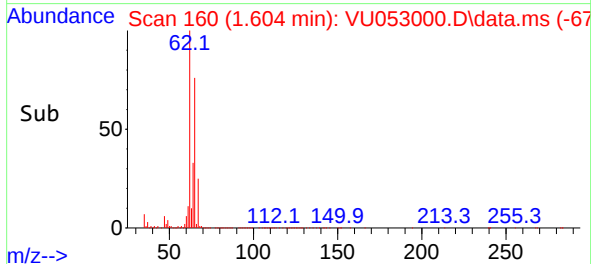
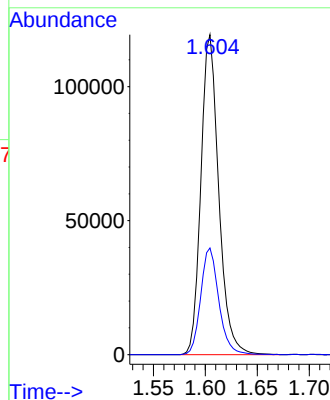
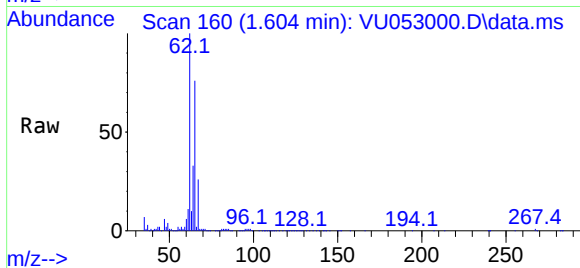




#5
 Vinyl chloride
 Concen: 47.773 ug/L
 RT: 1.604 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU053000.D
 Acq: 08 Feb 2023 14:20

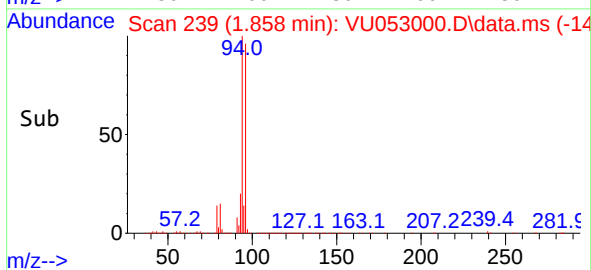
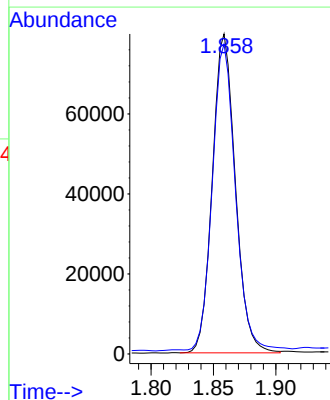
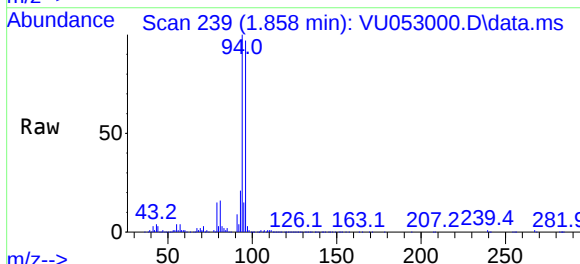
Instrument :
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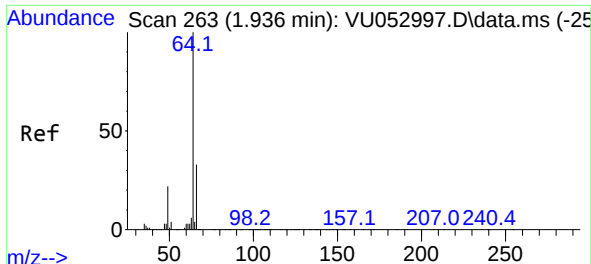
Tgt Ion: 62 Resp: 142457
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.4 41.6



#6
 Bromomethane
 Concen: 49.800 ug/L
 RT: 1.858 min Scan# 239
 Delta R.T. -0.000 min
 Lab File: VU053000.D
 Acq: 08 Feb 2023 14:20

Tgt Ion: 94 Resp: 102495
 Ion Ratio Lower Upper
 94 100
 96 96.8 67.8 125.8

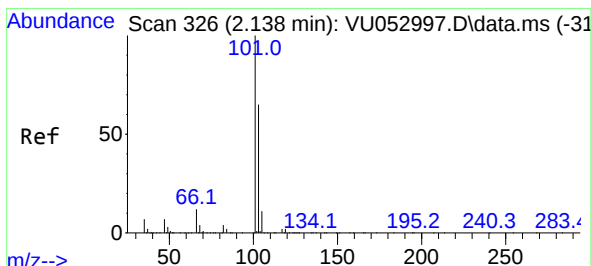
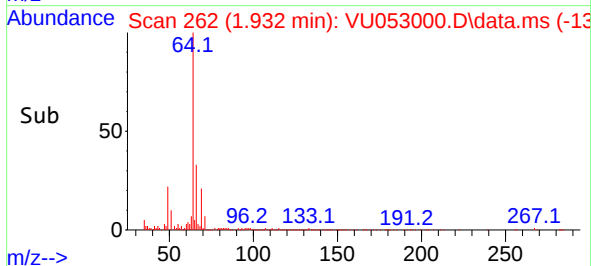
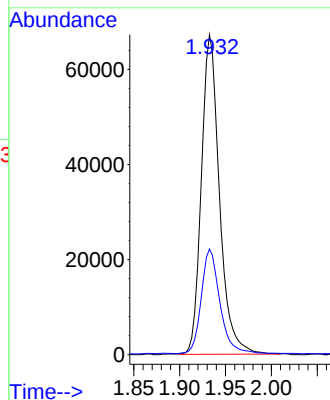
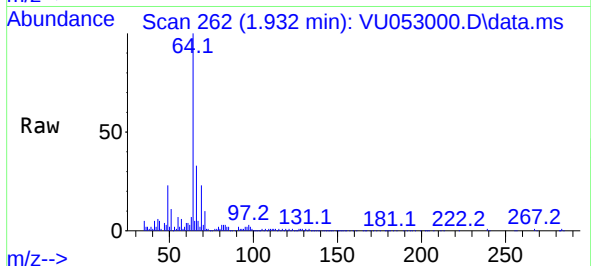




#8
Chloroethane
Concen: 50.537 ug/L
RT: 1.932 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

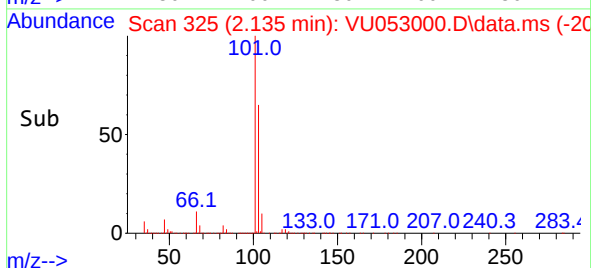
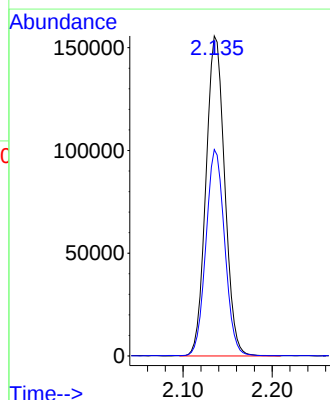
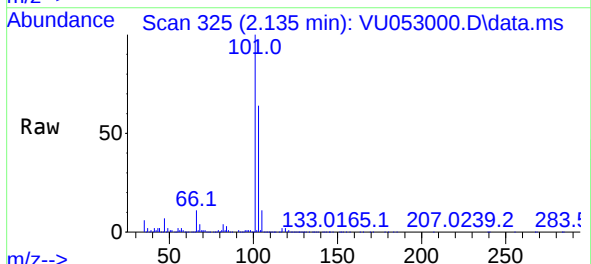
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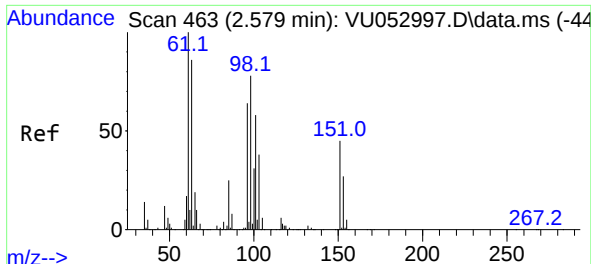
Tgt Ion: 64 Resp: 92374
Ion Ratio Lower Upper
64 100
66 33.0 24.1 44.7



#9
Trichlorofluoromethane
Concen: 49.813 ug/L
RT: 2.135 min Scan# 325
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion:101 Resp: 227410
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

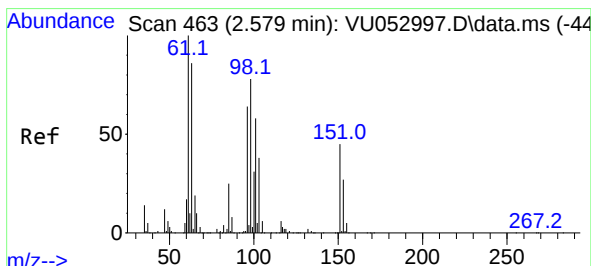
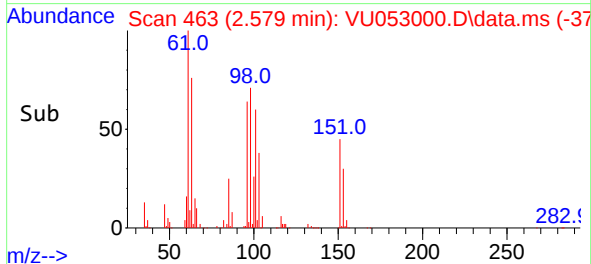
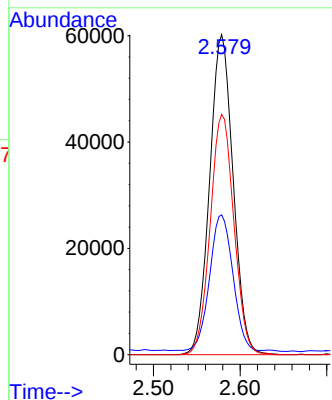
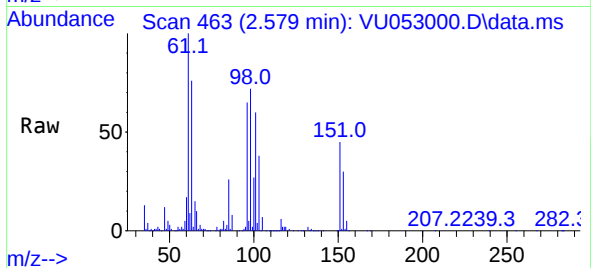




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.378 ug/L
RT: 2.579 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

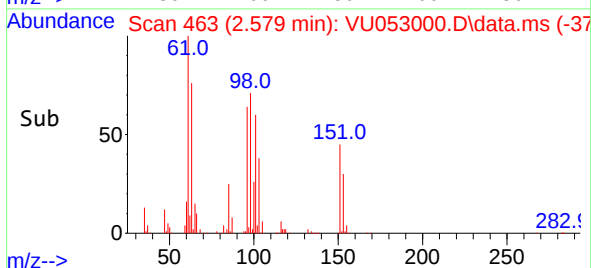
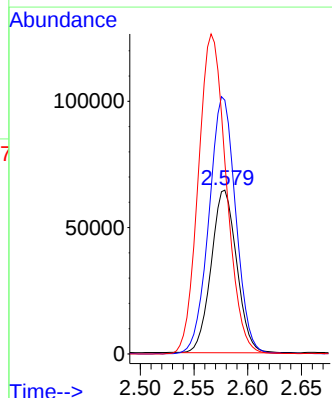
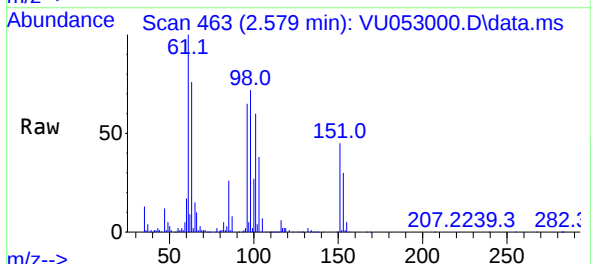
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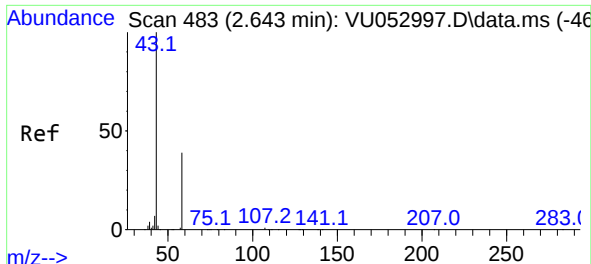
Tgt Ion:101 Resp: 113562
Ion Ratio Lower Upper
101 100
85 42.0 32.9 49.3
151 75.8 62.6 94.0



#12
1,1-Dichloroethene
Concen: 48.526 ug/L
RT: 2.579 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 96 Resp: 106333
Ion Ratio Lower Upper
96 100
61 154.9 114.3 212.3
63 117.5 80.6 149.6

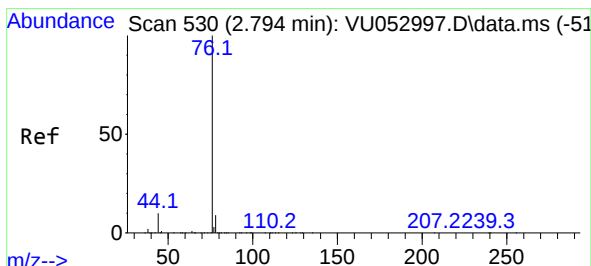
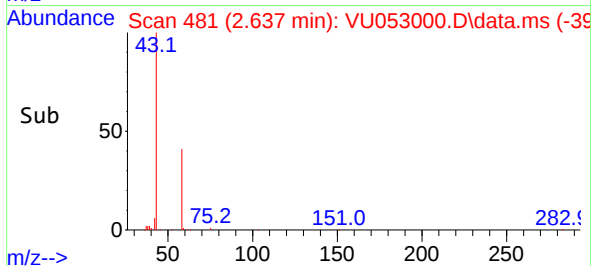
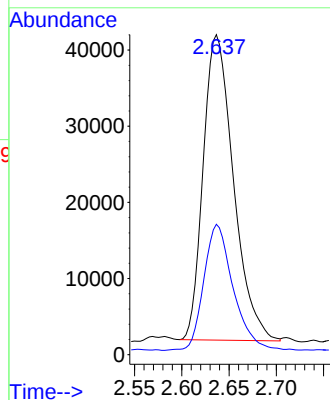
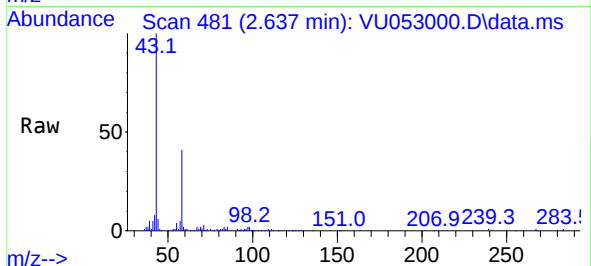




#13
Acetone
Concen: 82.143 ug/L
RT: 2.637 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

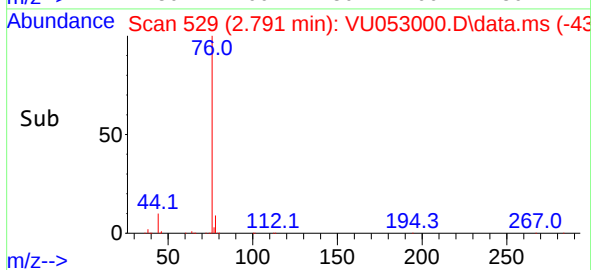
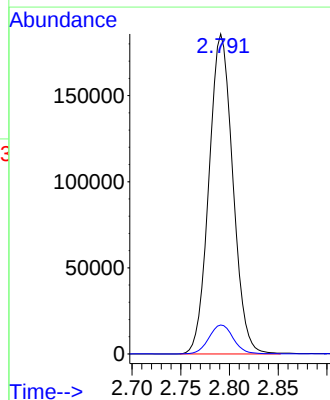
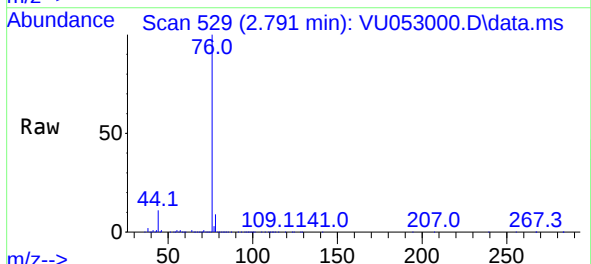
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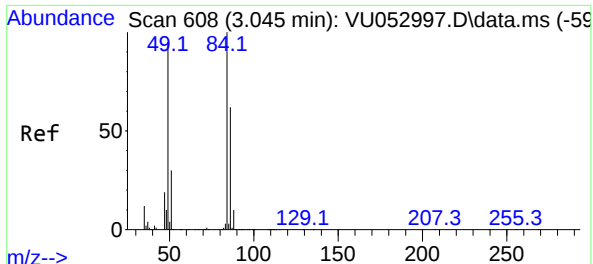
Tgt Ion: 43 Resp: 89443
Ion Ratio Lower Upper
43 100
58 39.9 0.0 70.2



#14
Carbon disulfide
Concen: 48.565 ug/L
RT: 2.791 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 76 Resp: 316634
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

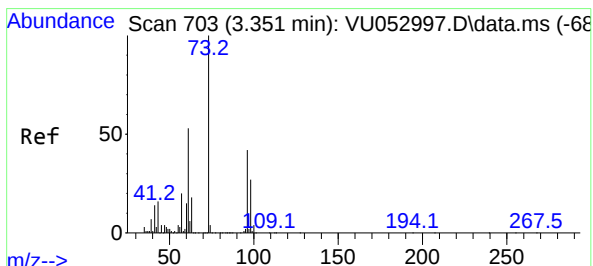
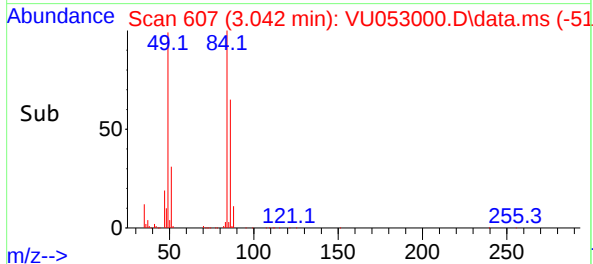
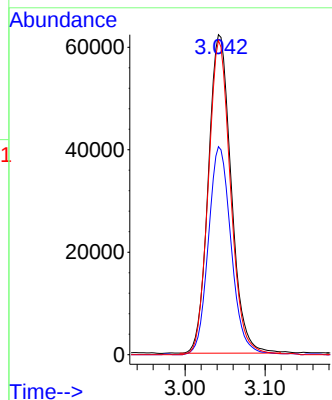
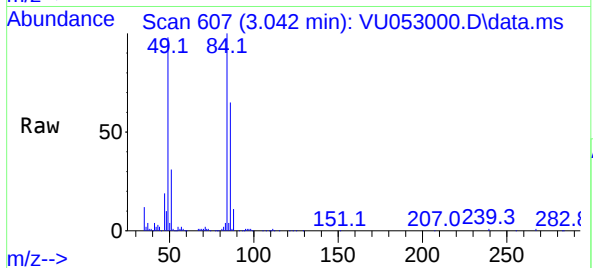




#16
Methylene chloride
Concen: 46.706 ug/L
RT: 3.042 min Scan# 608
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

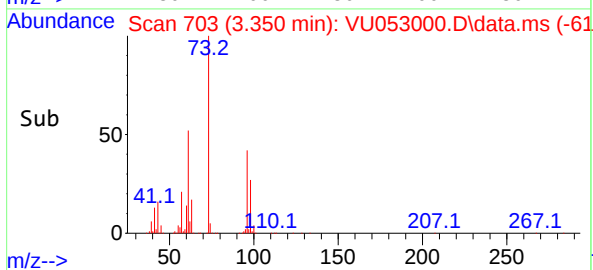
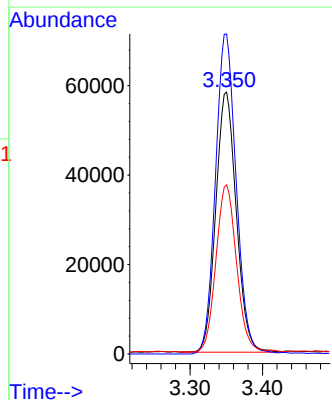
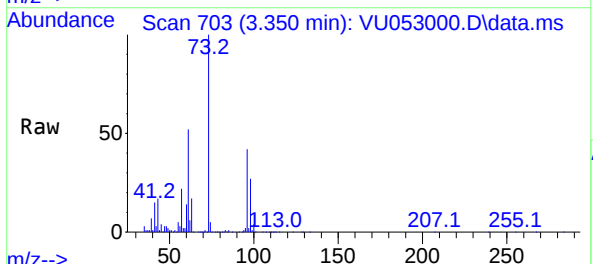
Instrument :
MSVOA_U
ClientSampleId :
VICV078

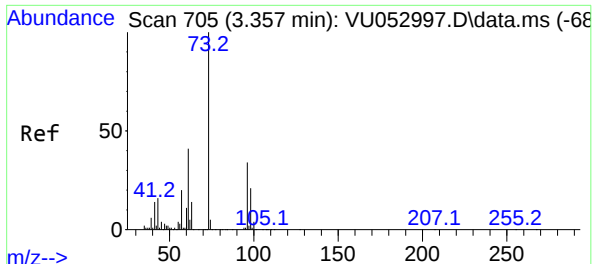
Tgt Ion: 84 Resp: 123528
Ion Ratio Lower Upper
84 100
86 65.0 43.4 80.6
49 98.2 72.4 134.5



#17
trans-1,2-Dichloroethene
Concen: 48.851 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 96 Resp: 114492
Ion Ratio Lower Upper
96 100
61 122.1 92.7 172.3
98 64.6 44.7 82.9



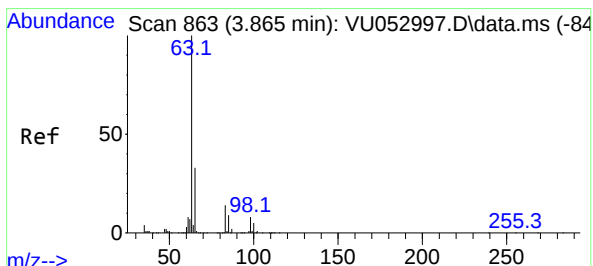
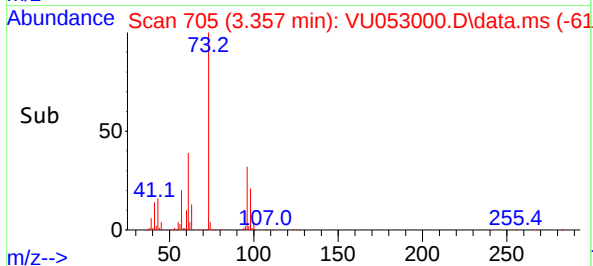
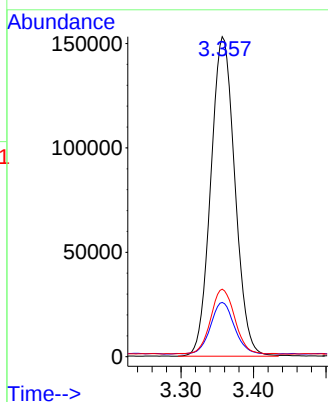
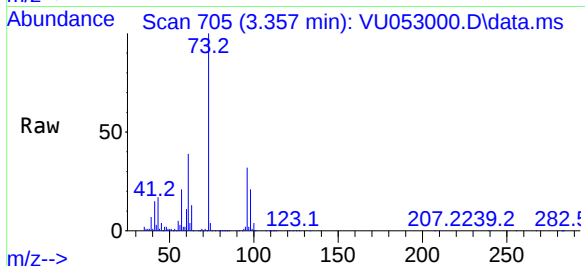


#18
Methyl tert-butyl Ether
Concen: 48.425 ug/L
RT: 3.357 min Scan# 705
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Instrument :
MSVOA_U
ClientSampleId :
VICV078

Tgt Ion: 73 Resp: 353111

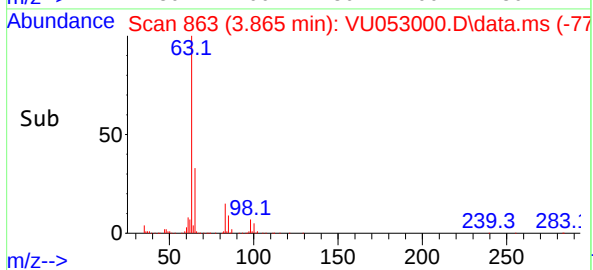
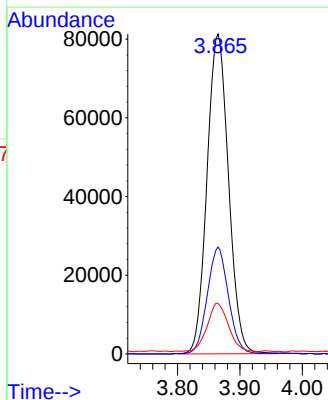
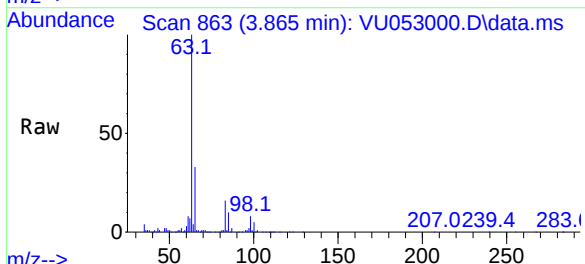
Ion	Ratio	Lower	Upper
73	100		
43	15.8	14.2	21.2
57	20.4	16.3	24.5

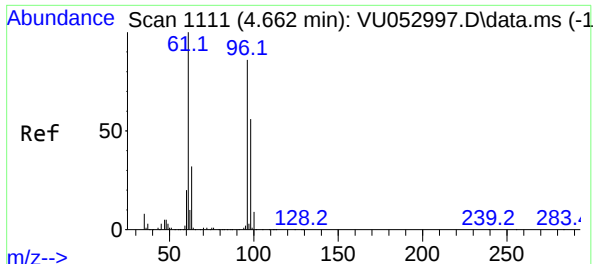


#19
1,1-Dichloroethane
Concen: 48.455 ug/L
RT: 3.865 min Scan# 863
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 63 Resp: 194639

Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.4	41.6
83	15.8	9.2	17.2

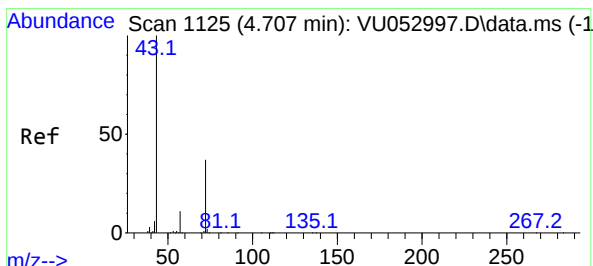
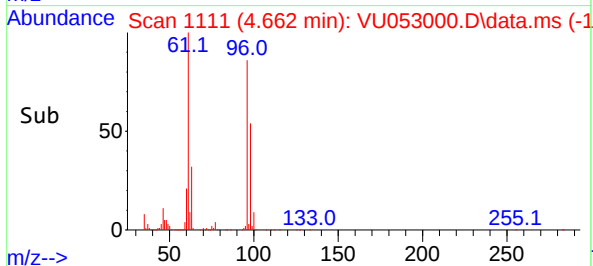
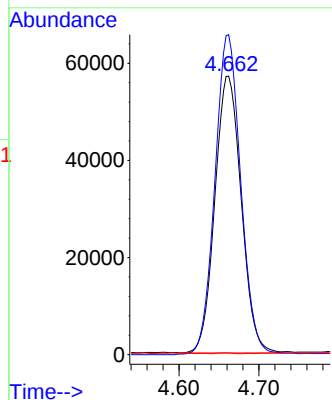
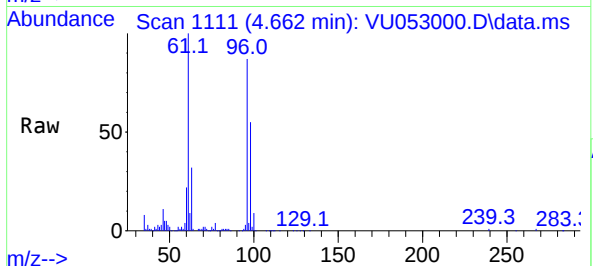




#20
cis-1,2-Dichloroethene
Concen: 49.303 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

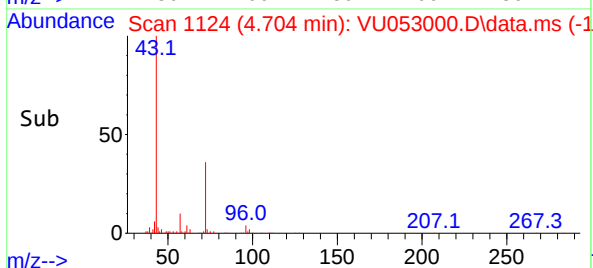
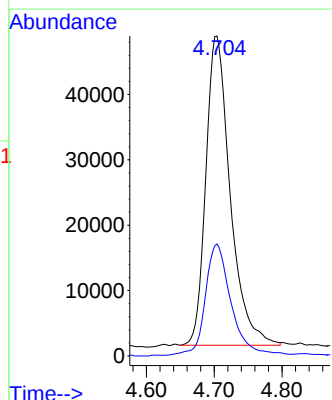
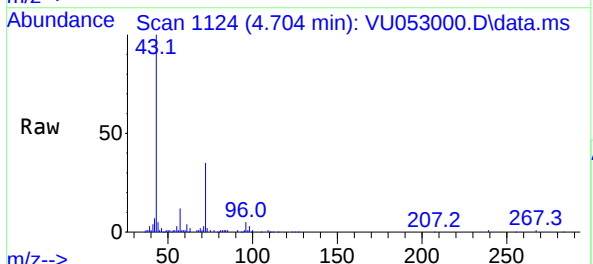
Instrument :
MSVOA_U
ClientSampleId :
VICV078

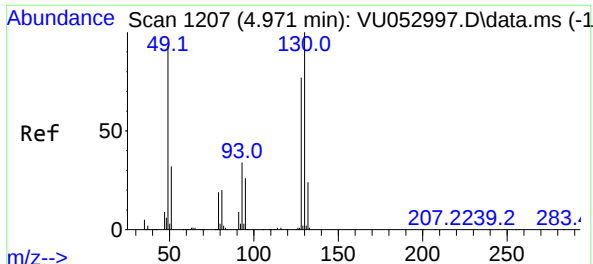
Tgt Ion: 96 Resp: 130378
Ion Ratio Lower Upper
96 100
61 114.9 84.1 156.1
68 0.6 0.0 0.0#



#22
2-Butanone
Concen: 92.224 ug/L
RT: 4.704 min Scan# 1124
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 43 Resp: 118217
Ion Ratio Lower Upper
43 100
72 37.6 15.5 46.5



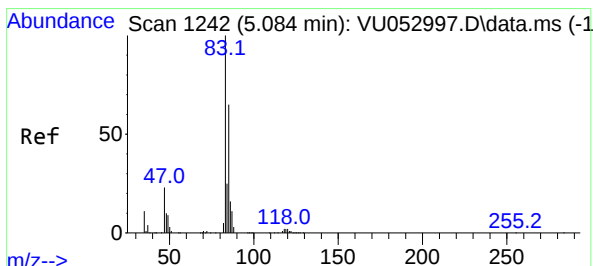
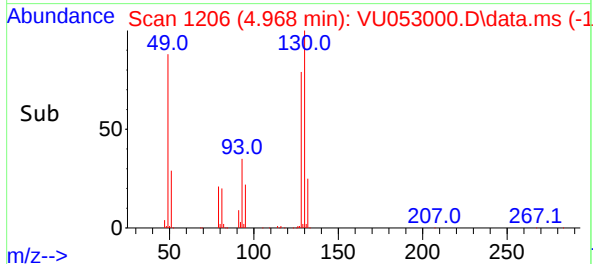
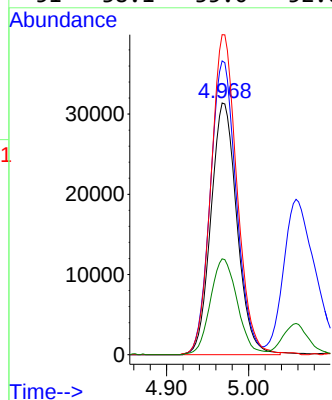
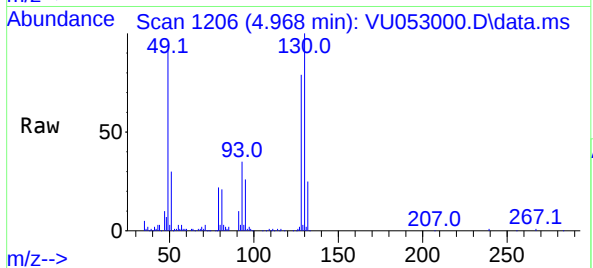


#23
Bromochloromethane
Concen: 48.514 ug/L
RT: 4.968 min Scan# 1207
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Instrument :
MSVOA_U
ClientSampleId :
VICV078

Tgt Ion:128 Resp: 69180

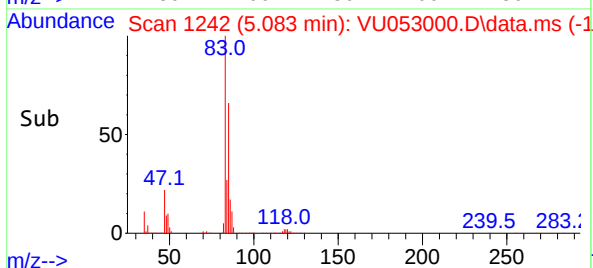
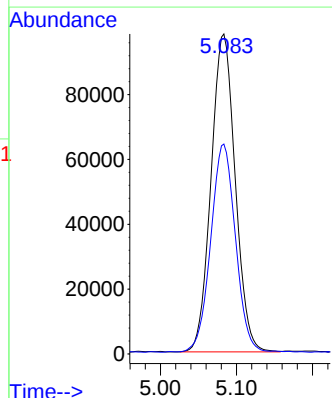
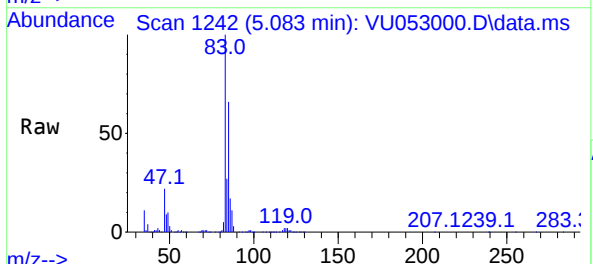
Ion	Ratio	Lower	Upper
128	100		
49	116.8	90.1	167.3
130	127.2	90.1	167.3
51	38.1	35.0	52.6

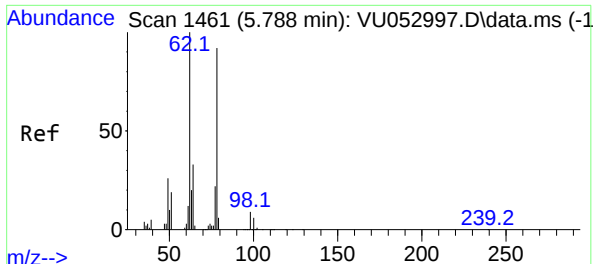


#25
Chloroform
Concen: 48.197 ug/L
RT: 5.083 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 83 Resp: 216457

Ion	Ratio	Lower	Upper
83	100		
85	65.6	45.8	85.0

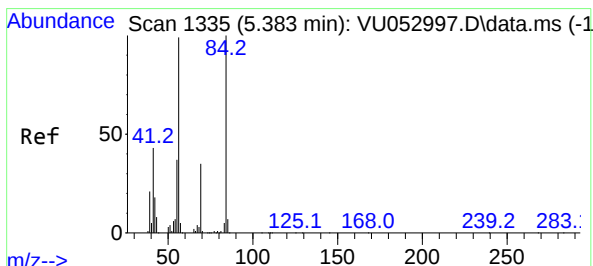
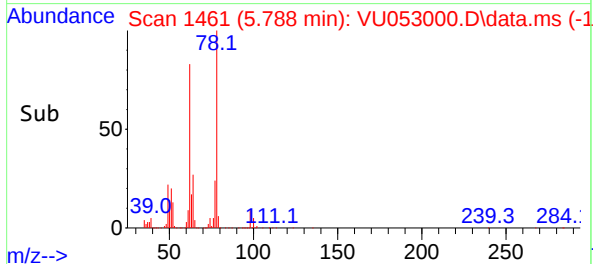
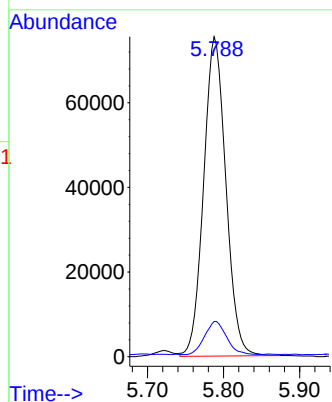
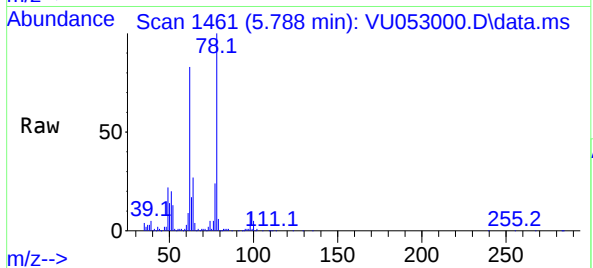




#27
1,2-Dichloroethane
Concen: 47.676 ug/L
RT: 5.788 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

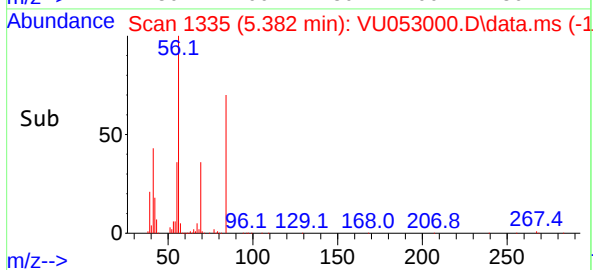
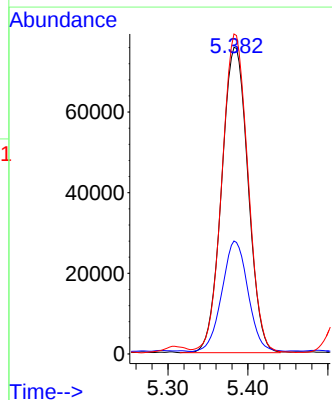
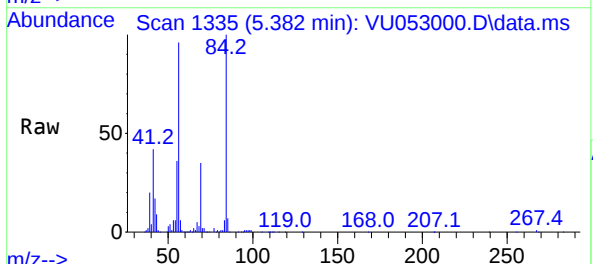
Instrument :
MSVOA_U
ClientSampleId :
VICV078

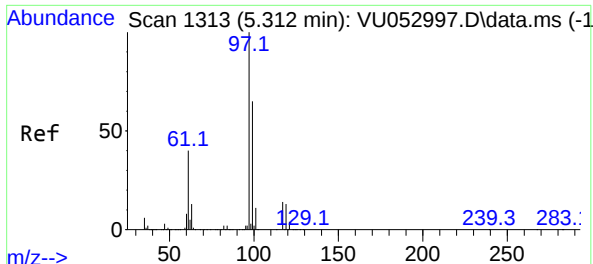
Tgt Ion: 62 Resp: 153061
Ion Ratio Lower Upper
62 100
98 11.0 7.6 11.4



#29
Cyclohexane
Concen: 47.129 ug/L
RT: 5.382 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 56 Resp: 173867
Ion Ratio Lower Upper
56 100
69 35.5 26.6 40.0
84 102.9 77.0 115.4

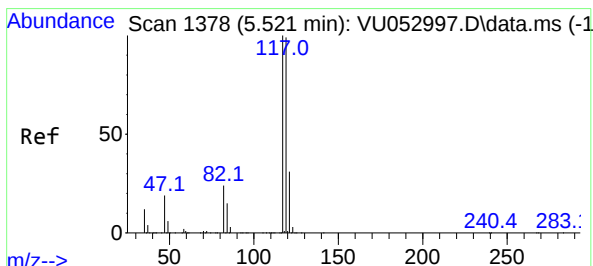
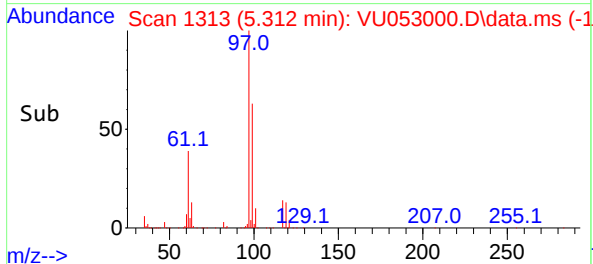
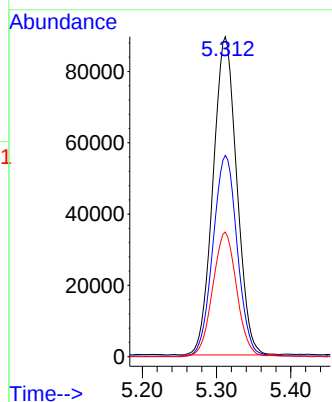
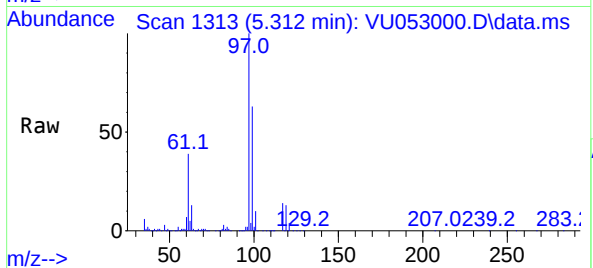




#30
1,1,1-Trichloroethane
Concen: 49.182 ug/L
RT: 5.312 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

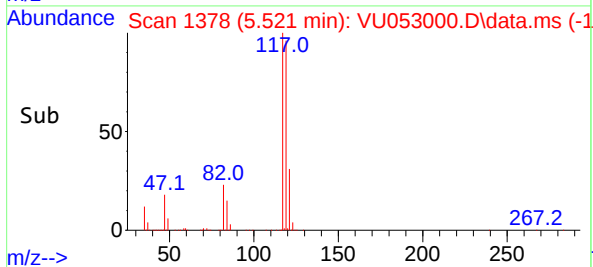
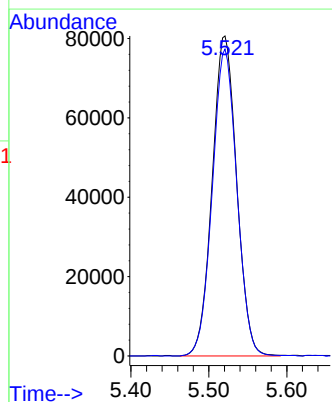
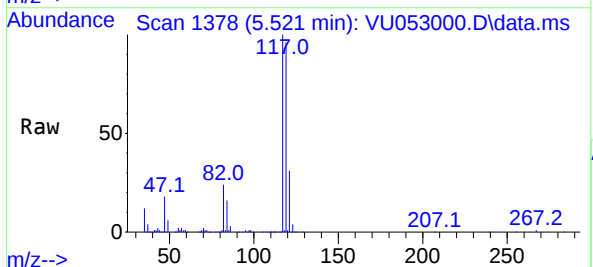
Instrument :
MSVOA_U
ClientSampleId :
VICV078

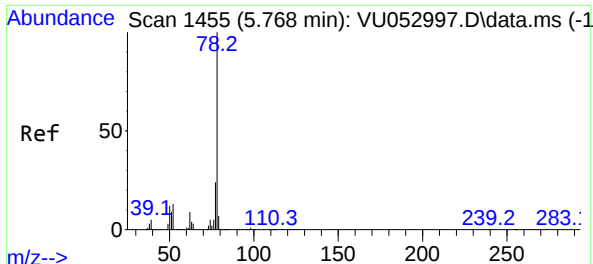
Tgt Ion: 97 Resp: 198521
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 39.5 33.0 49.6



#31
Carbon tetrachloride
Concen: 49.762 ug/L
RT: 5.521 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 117 Resp: 176110
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4

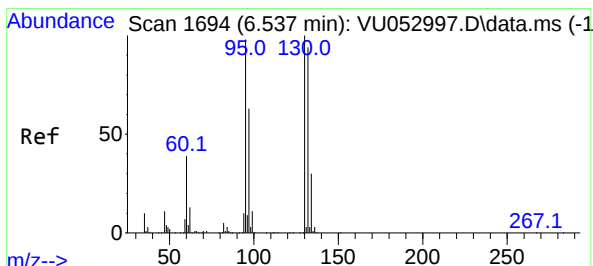
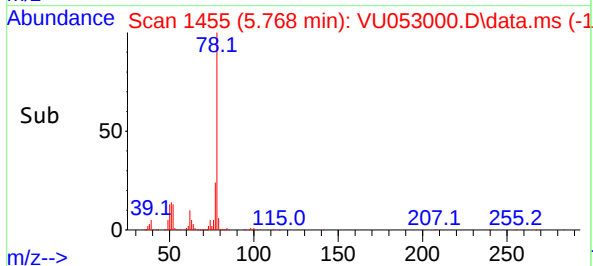
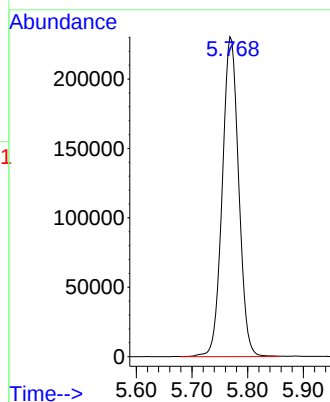
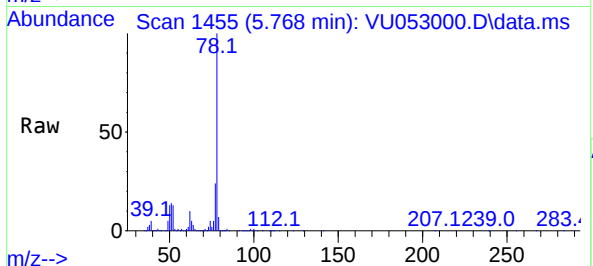




#33
Benzene
Concen: 49.042 ug/L
RT: 5.768 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Instrument : MSVOA_U
ClientSampleId : VICV078

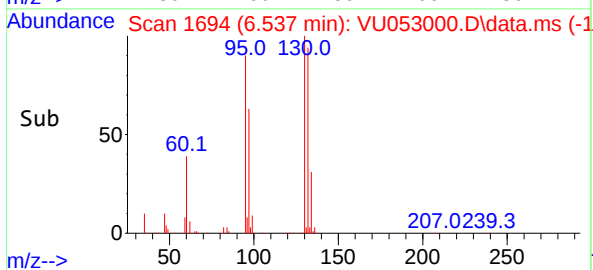
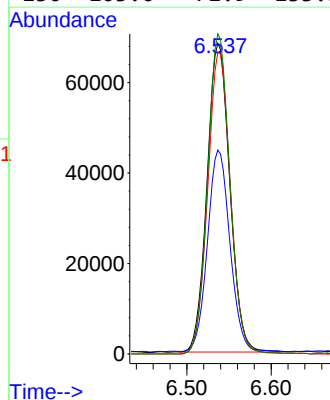
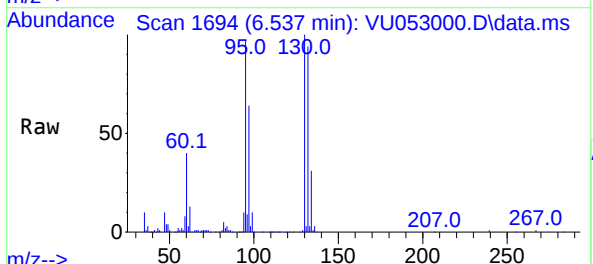
Tgt Ion: 78 Resp: 472086

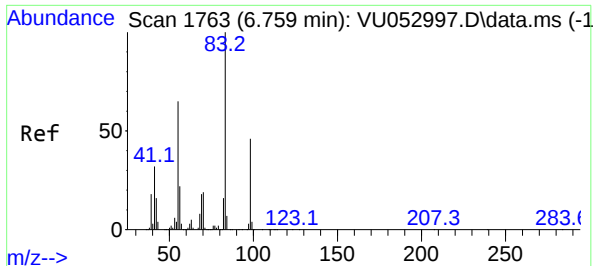


#34
Trichloroethene
Concen: 49.089 ug/L
RT: 6.537 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 95 Resp: 128509

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.5	82.7
132	97.1	66.8	124.0
130	103.0	71.9	133.5





#35

Methylcyclohexane

Concen: 48.405 ug/L

RT: 6.759 min Scan# 1763

Delta R.T. -0.000 min

Lab File: VU053000.D

Acq: 08 Feb 2023 14:20

Instrument :

MSVOA_U

ClientSampleId :

VICV078

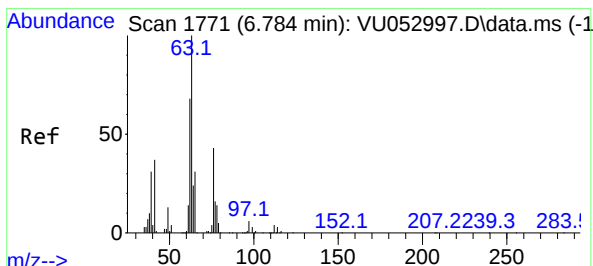
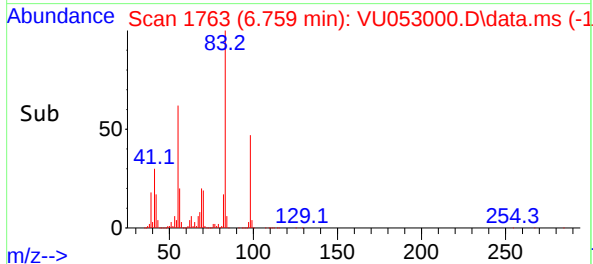
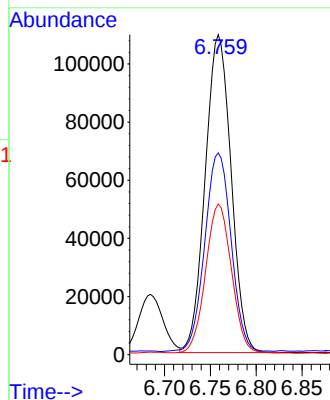
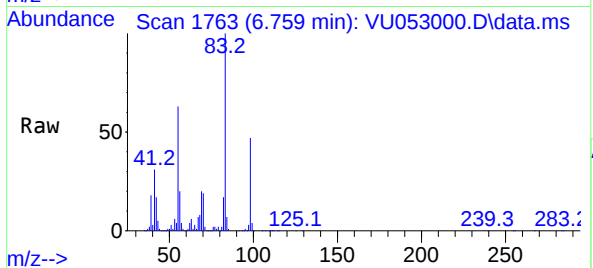
Tgt Ion: 83 Resp: 215181

Ion Ratio Lower Upper

83 100

55 63.3 57.1 85.7

98 46.9 38.9 58.3



#37

1,2-Dichloropropane

Concen: 48.917 ug/L

RT: 6.784 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VU053000.D

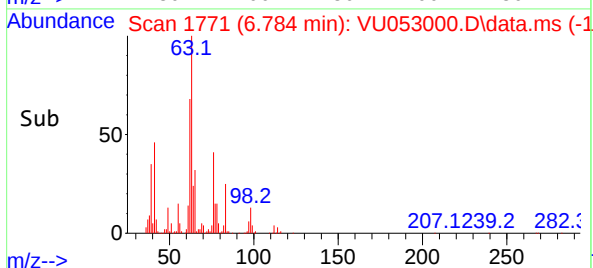
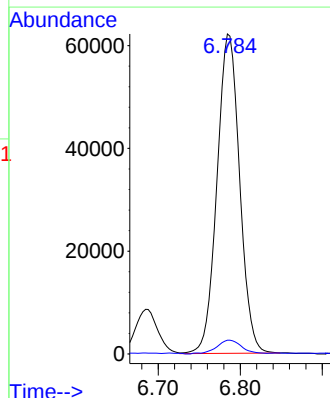
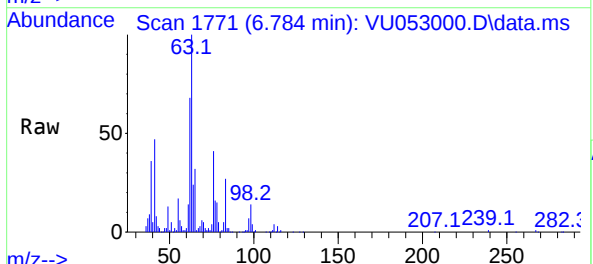
Acq: 08 Feb 2023 14:20

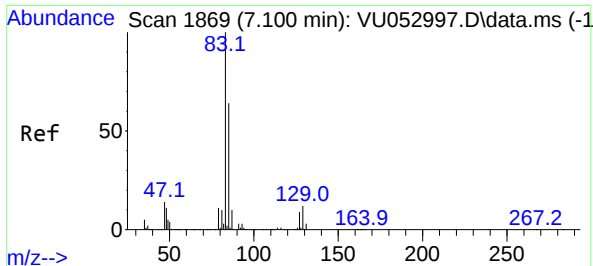
Tgt Ion: 63 Resp: 119380

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8

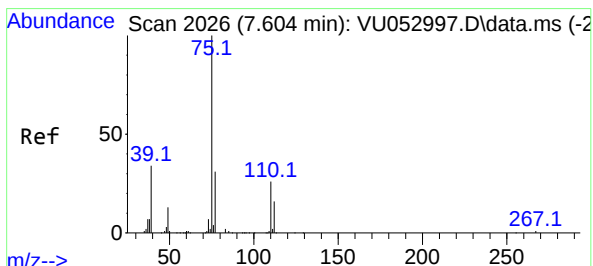
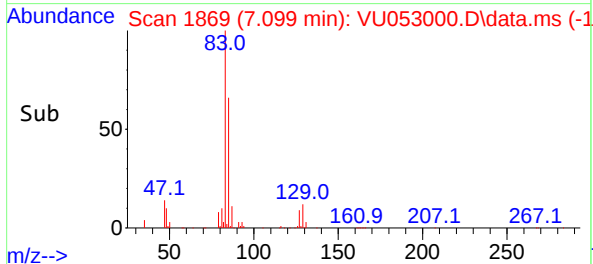
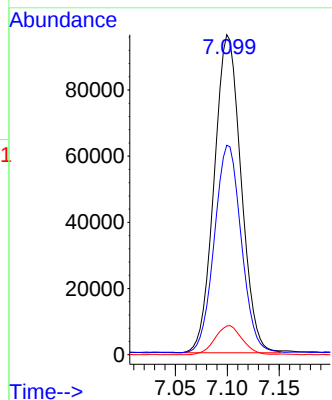
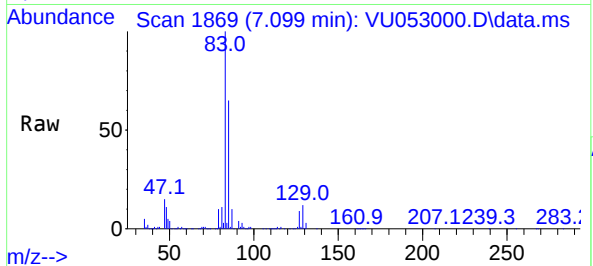




#38
Bromodichloromethane
Concen: 49.099 ug/L
RT: 7.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

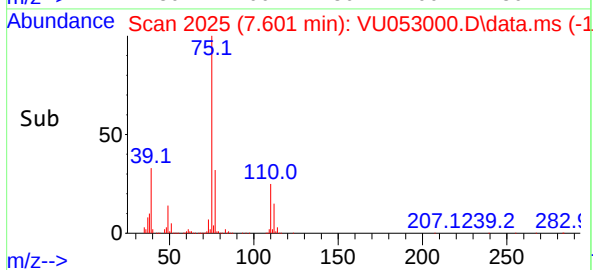
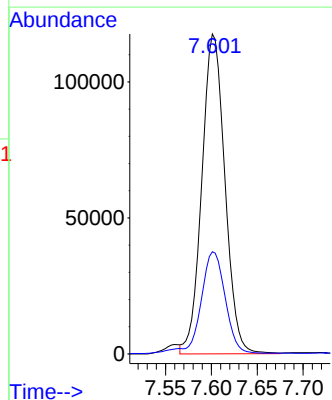
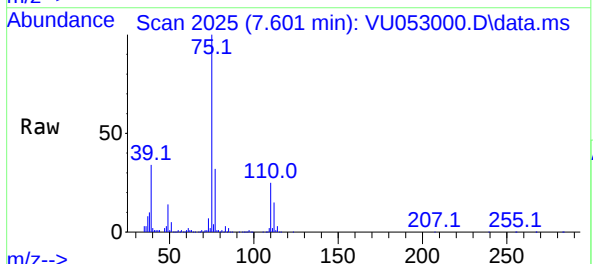
Instrument :
MSVOA_U
ClientSampleId :
VICV078

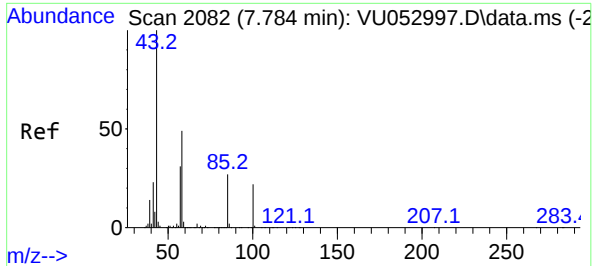
Tgt Ion: 83 Resp: 173133
Ion Ratio Lower Upper
83 100
85 65.4 45.2 84.0
127 9.0 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 49.069 ug/L
RT: 7.601 min Scan# 2025
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 75 Resp: 205859
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.0



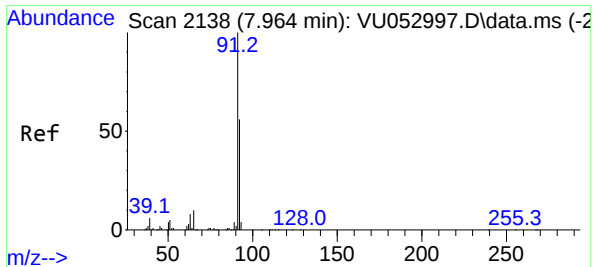
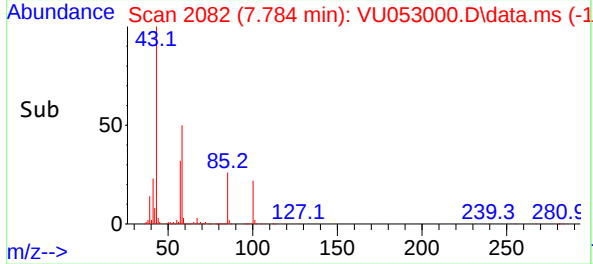
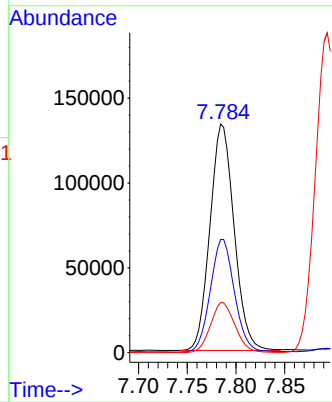
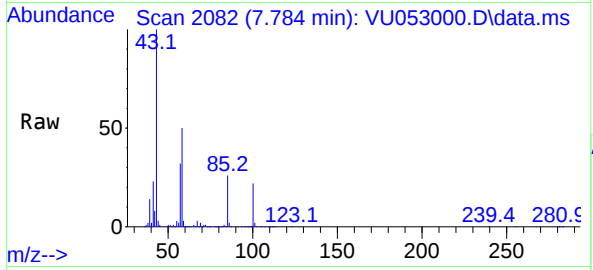


#40
4-Methyl-2-pentanone
Concen: 97.544 ug/L
RT: 7.784 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Instrument :
MSVOA_U
ClientSampleId :
VICV078

Tgt Ion: 43 Resp: 230532

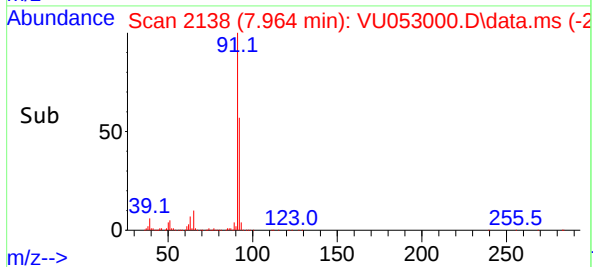
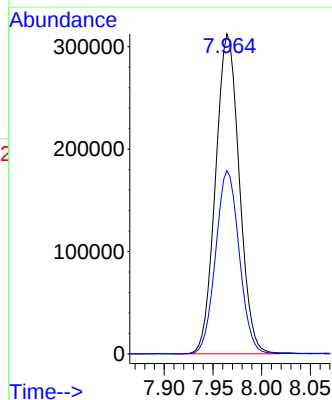
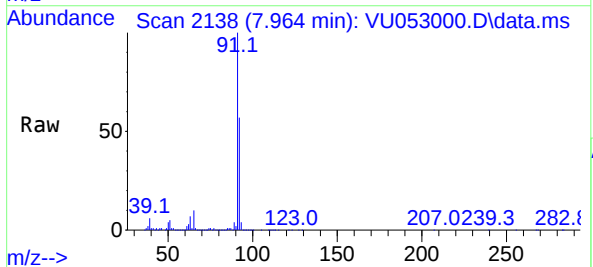
Ion	Ratio	Lower	Upper
43	100		
58	49.6	35.4	53.2
100	22.5	16.0	24.0

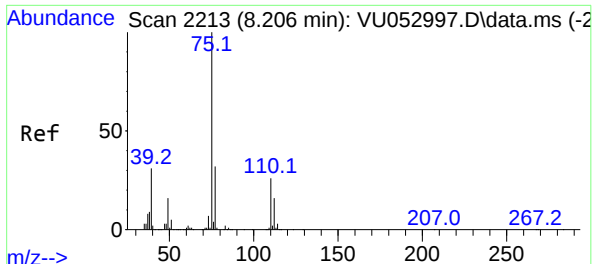


#42
Toluene
Concen: 48.551 ug/L
RT: 7.964 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 91 Resp: 529500

Ion	Ratio	Lower	Upper
91	100		
92	57.3	42.6	79.0

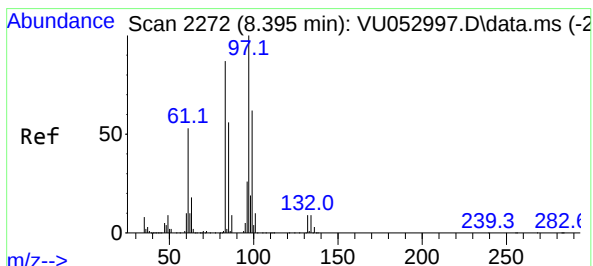
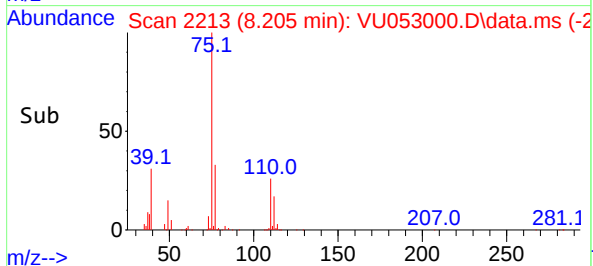
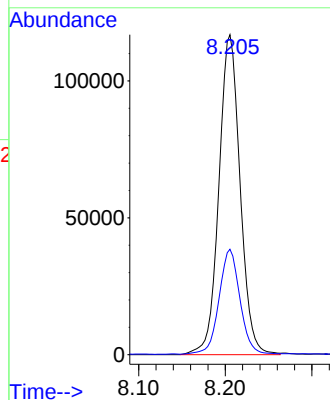
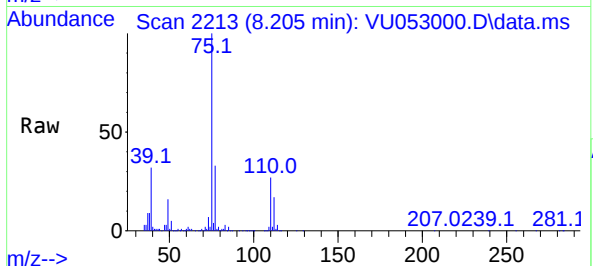




#44
trans-1,3-Dichloropropene
Concen: 48.908 ug/L
RT: 8.205 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

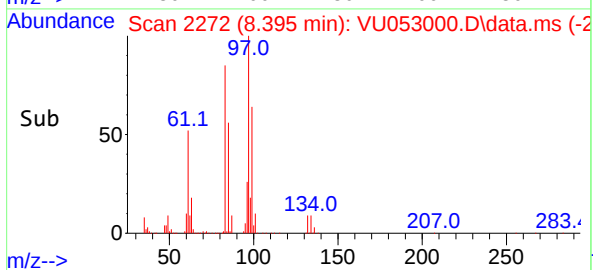
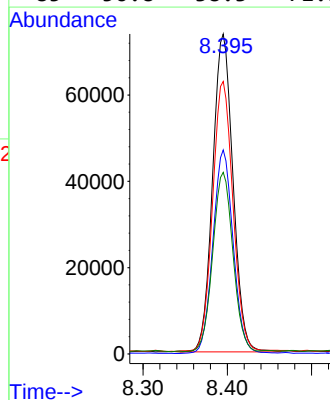
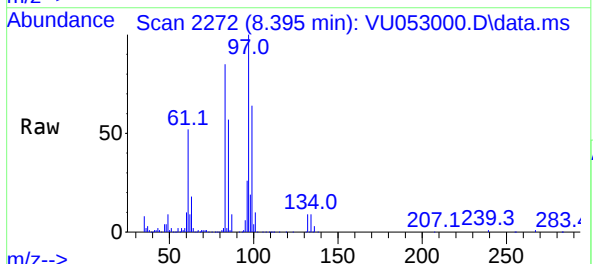
Instrument :
MSVOA_U
ClientSampleId :
VICV078

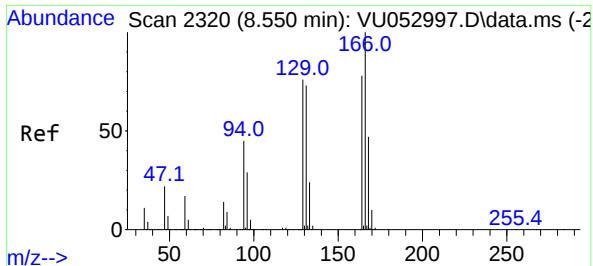
Tgt Ion: 75 Resp: 198903
Ion Ratio Lower Upper
75 100
77 33.0 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 49.110 ug/L
RT: 8.395 min Scan# 2272
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 97 Resp: 123449
Ion Ratio Lower Upper
97 100
99 63.8 44.7 83.1
83 85.2 60.3 112.1
85 56.8 38.3 71.1



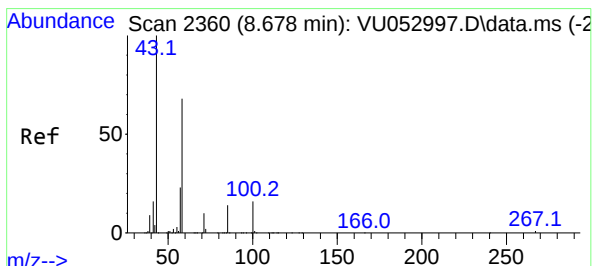
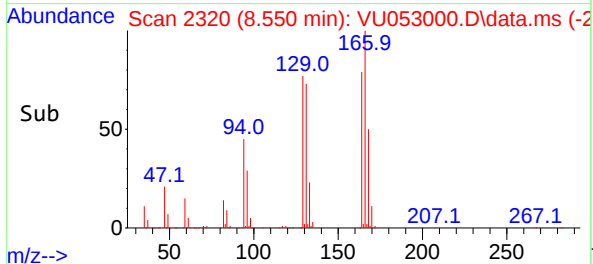
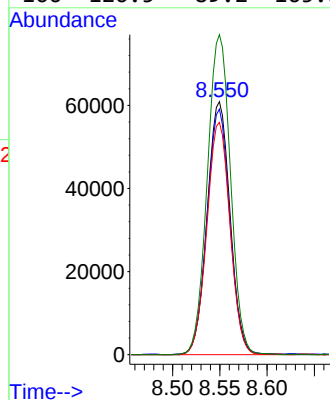
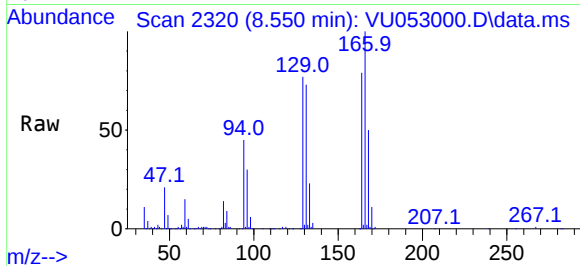


#46
Tetrachloroethene
Concen: 49.647 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Instrument :
MSVOA_U
ClientSampleId :
VICV078

Tgt Ion:164 Resp: 102932

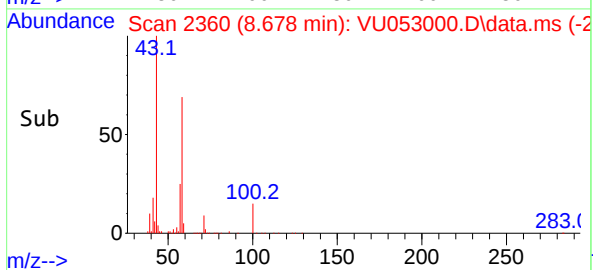
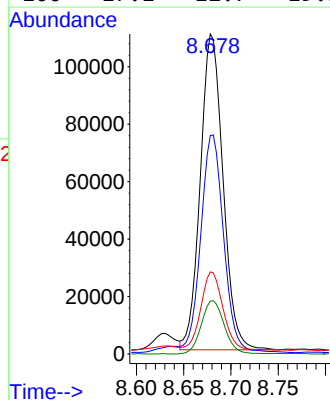
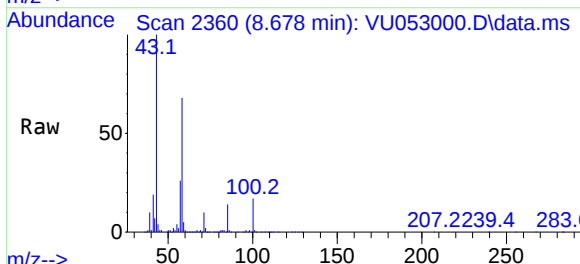
Ion	Ratio	Lower	Upper
164	100		
129	97.1	64.8	120.3
131	91.9	61.2	113.6
166	126.5	89.2	165.8

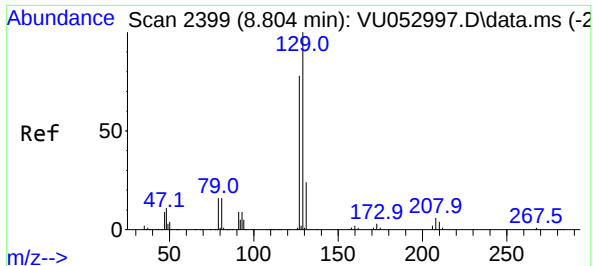


#48
2-Hexanone
Concen: 97.709 ug/L
RT: 8.678 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 43 Resp: 184095

Ion	Ratio	Lower	Upper
43	100		
58	69.3	48.0	72.0
57	24.3	16.8	25.2
100	17.1	12.7	19.1





#49

Dibromochloromethane

Concen: 49.521 ug/L

RT: 8.803 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053000.D

Acq: 08 Feb 2023 14:20

Instrument :

MSVOA_U

ClientSampleId :

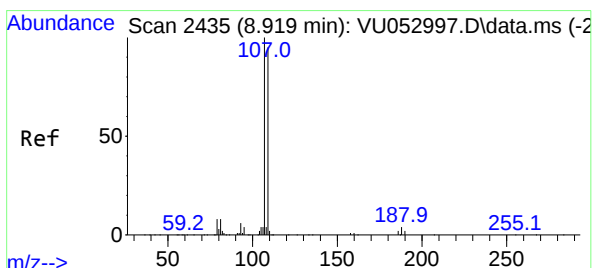
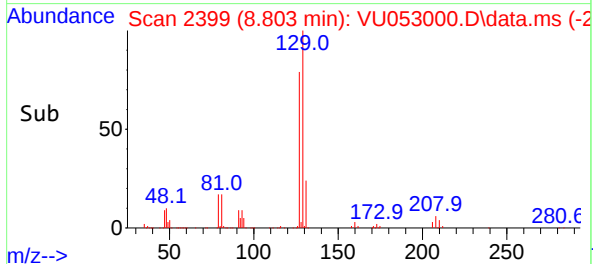
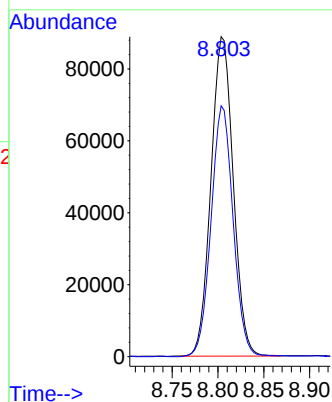
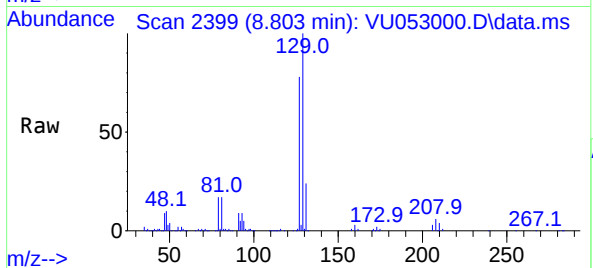
VICV078

Tgt Ion:129 Resp: 150392

Ion Ratio Lower Upper

129 100

127 78.4 53.2 98.8



#50

1,2-Dibromoethane

Concen: 50.206 ug/L

RT: 8.916 min Scan# 2434

Delta R.T. -0.003 min

Lab File: VU053000.D

Acq: 08 Feb 2023 14:20

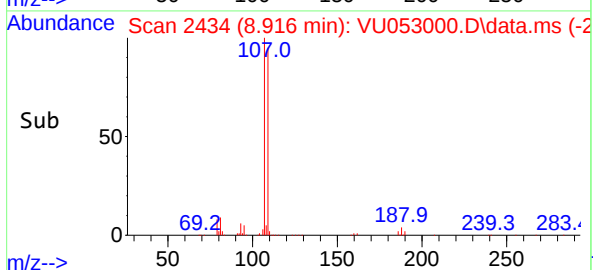
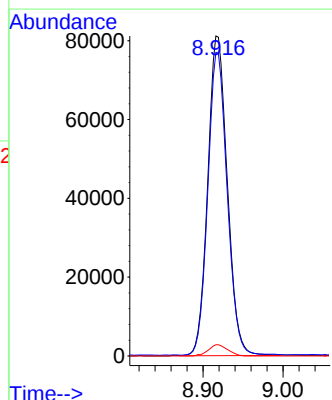
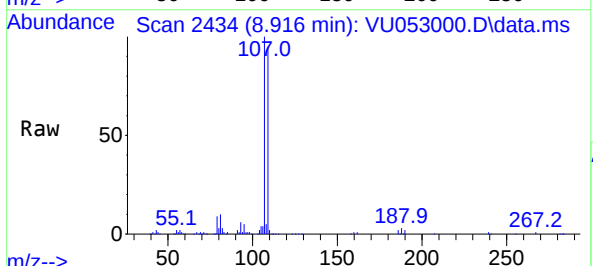
Tgt Ion:107 Resp: 138069

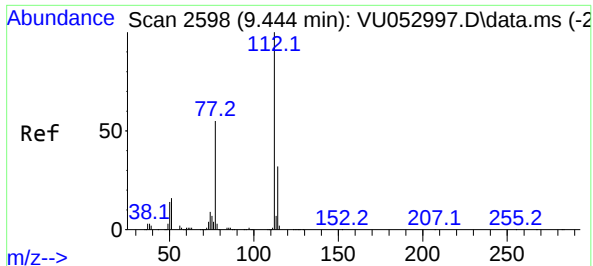
Ion Ratio Lower Upper

107 100

109 94.9 65.5 121.6

188 3.5 3.2 4.8

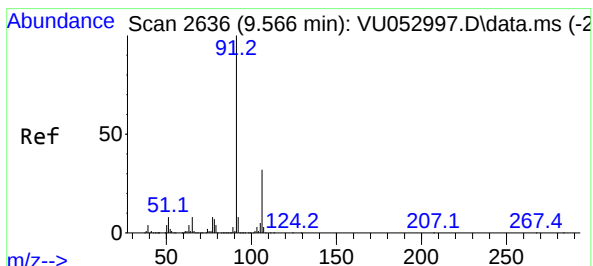
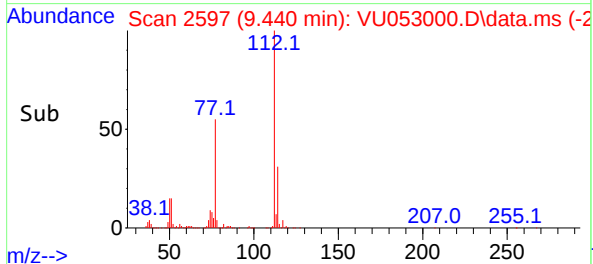
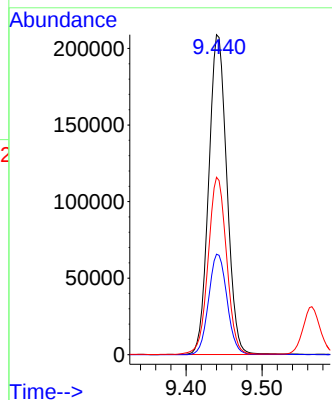
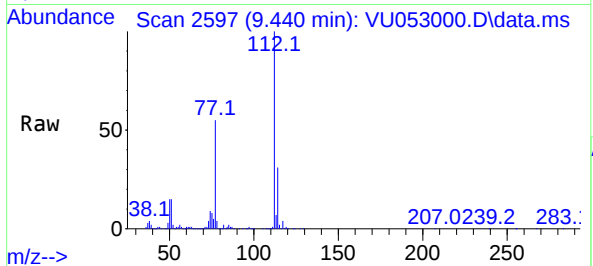




#51
Chlorobenzene
Concen: 49.265 ug/L
RT: 9.440 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

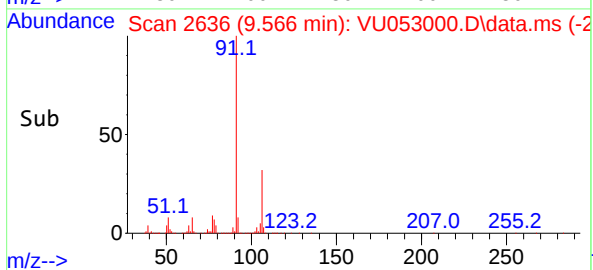
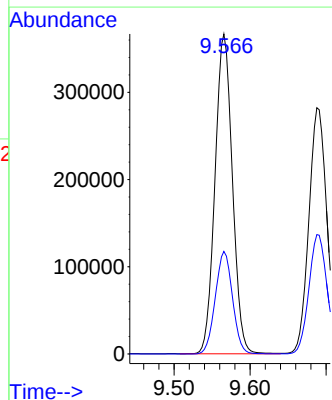
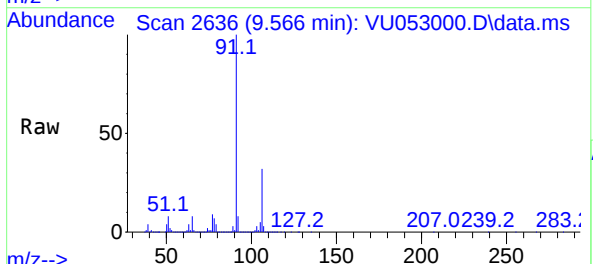
Instrument :
MSVOA_U
ClientSampleId :
VICV078

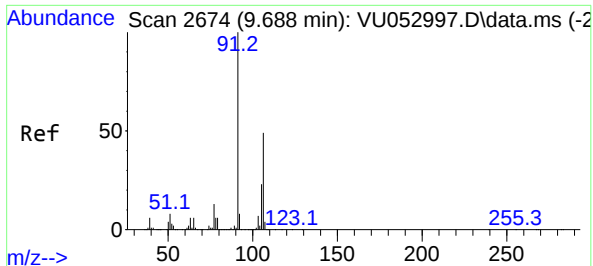
Tgt Ion:112 Resp: 345719
Ion Ratio Lower Upper
112 100
114 31.4 22.8 42.4
77 55.5 45.9 68.9



#52
Ethylbenzene
Concen: 48.493 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 91 Resp: 581624
Ion Ratio Lower Upper
91 100
106 32.0 22.0 40.8

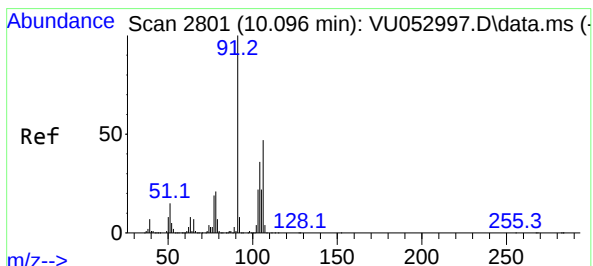
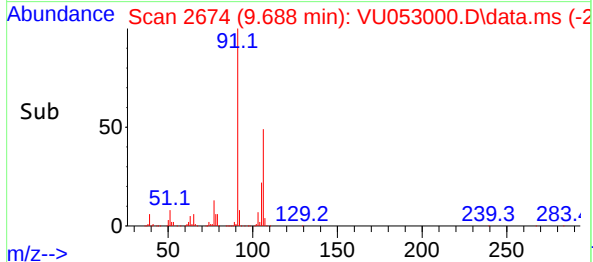
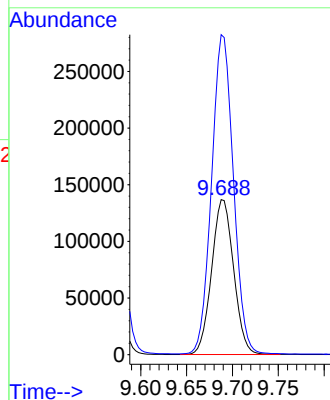
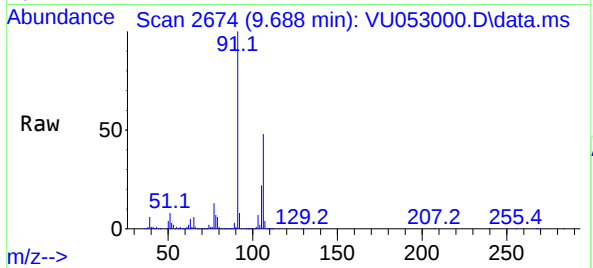




#53
m,p-Xylene
Concen: 48.099 ug/L
RT: 9.688 min Scan# 2674
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

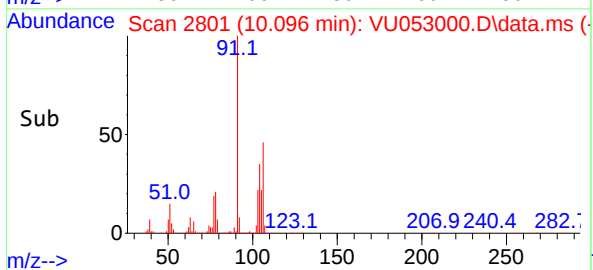
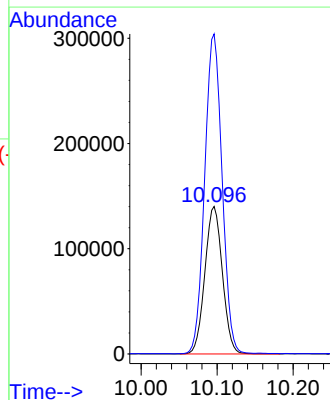
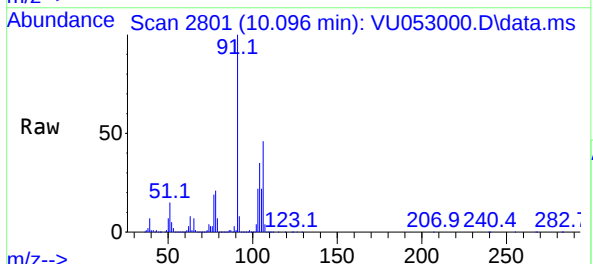
Instrument :
MSVOA_U
ClientSampleId :
VICV078

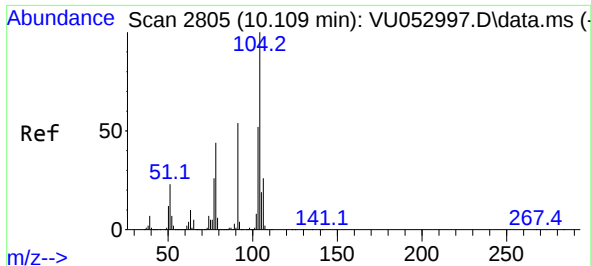
Tgt Ion:106 Resp: 228144
Ion Ratio Lower Upper
106 100
91 206.4 137.4 255.2



#54
o-xylene
Concen: 47.925 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion:106 Resp: 224524
Ion Ratio Lower Upper
106 100
91 217.0 143.4 266.2

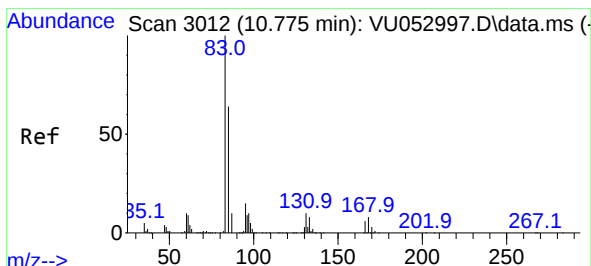
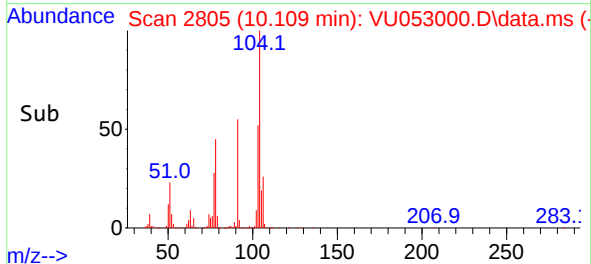
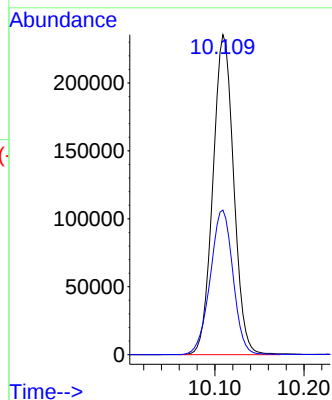
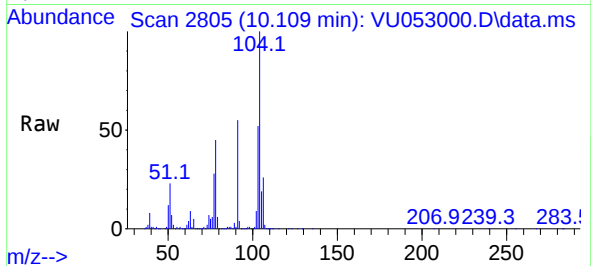




#55
Styrene
Concen: 48.382 ug/L
RT: 10.109 min Scan# 2805
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

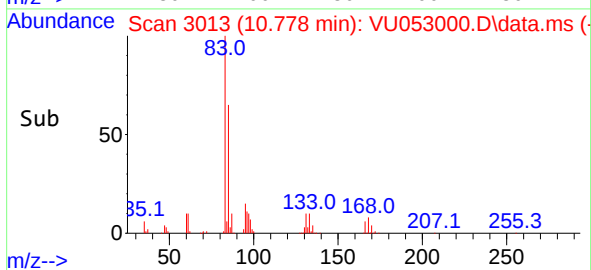
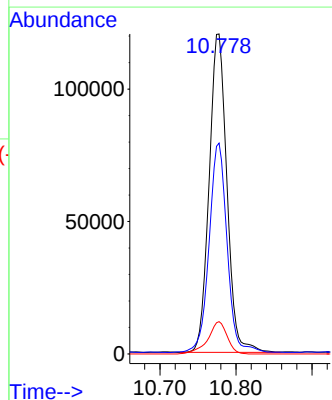
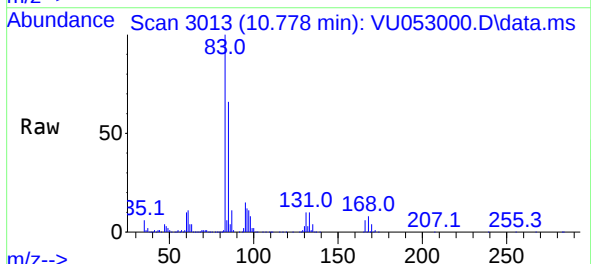
Instrument :
MSVOA_U
ClientSampleId :
VICV078

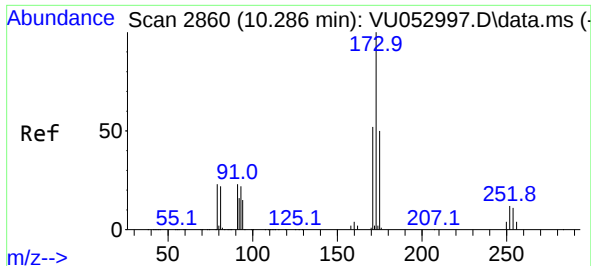
Tgt Ion:104 Resp: 382338
Ion Ratio Lower Upper
104 100
78 45.2 31.9 59.2



#57
1,1,2,2-Tetrachloroethane
Concen: 49.867 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 83 Resp: 195477
Ion Ratio Lower Upper
83 100
85 65.9 45.0 83.6
131 10.1 8.6 12.8



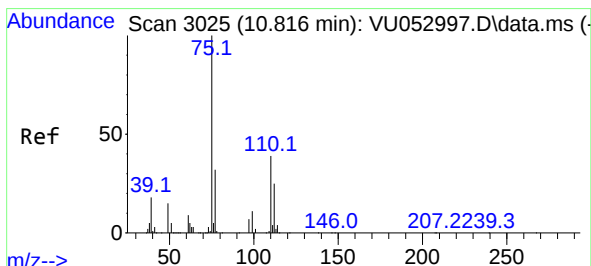
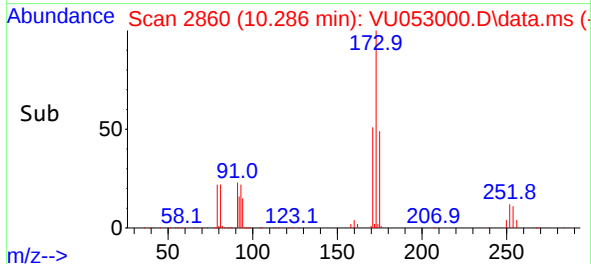
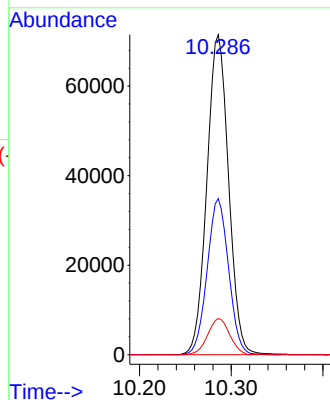
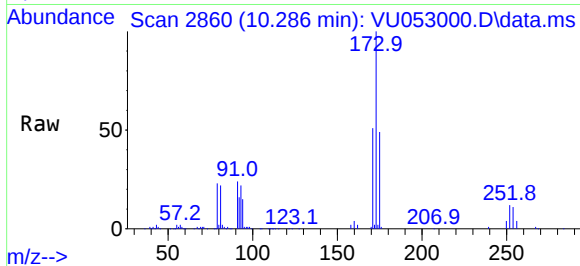


#59
Bromoform
Concen: 51.778 ug/L
RT: 10.286 min Scan# 2860
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Instrument :
MSVOA_U
ClientSampleId :
VICV078

Tgt Ion:173 Resp: 117433

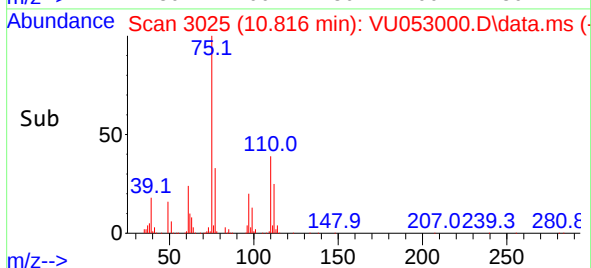
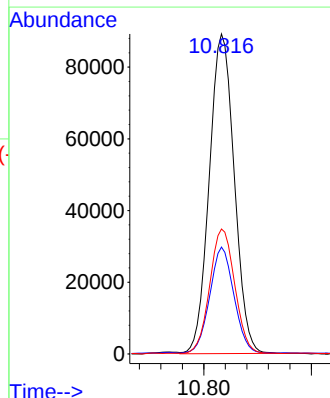
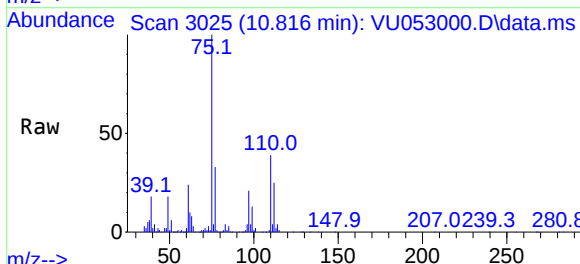
Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.7	56.5
254	11.4	8.3	12.5

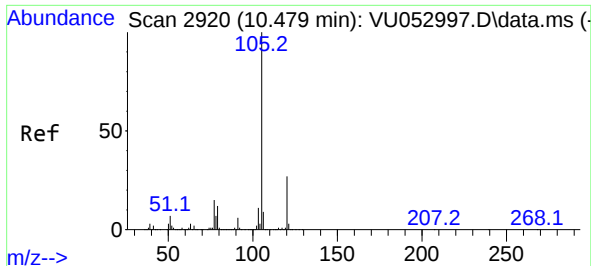


#60
1,2,3-Trichloropropane
Concen: 50.539 ug/L
RT: 10.816 min Scan# 3025
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion: 75 Resp: 143885

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8
110	39.1	32.4	48.6

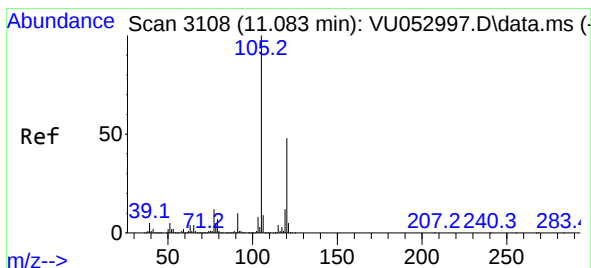
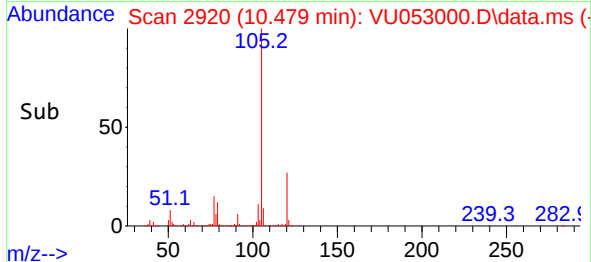
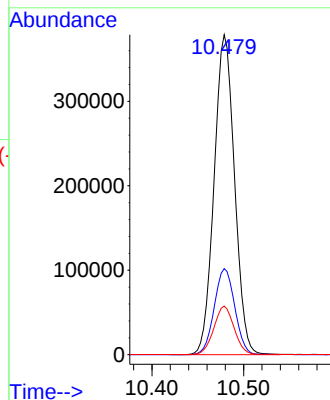
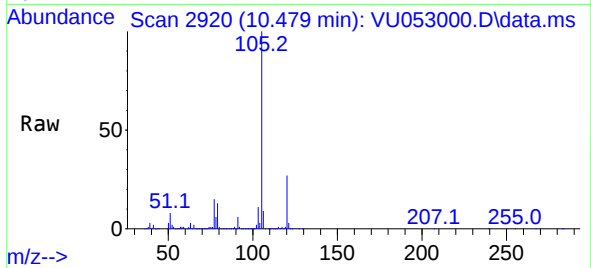




#61
Isopropylbenzene
Concen: 49.183 ug/L
RT: 10.479 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VU053000.D
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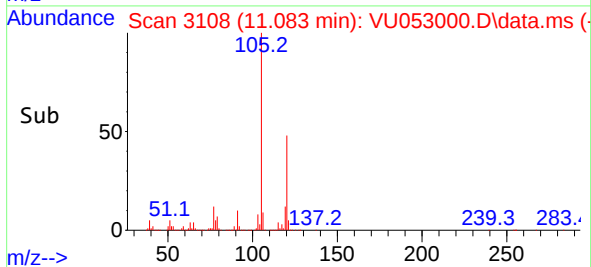
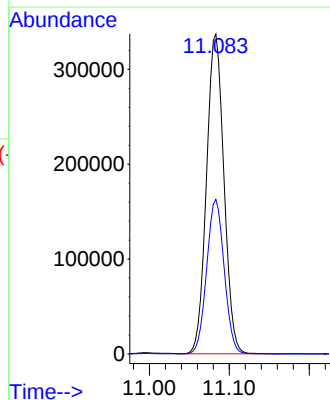
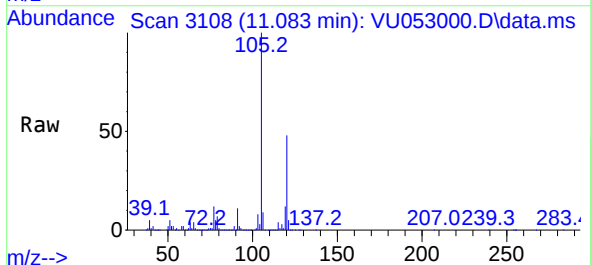
Instrument :
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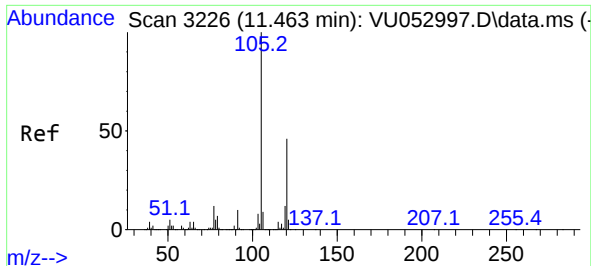
Tgt Ion:105 Resp: 586665
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 14.9 12.2 18.2



#62
1,3,5-Trimethylbenzene
Concen: 48.686 ug/L
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion:105 Resp: 511276
Ion Ratio Lower Upper
105 100
120 48.6 40.4 60.6

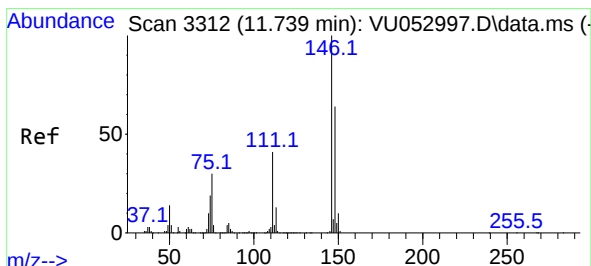
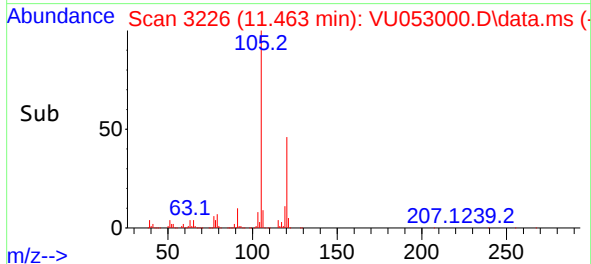
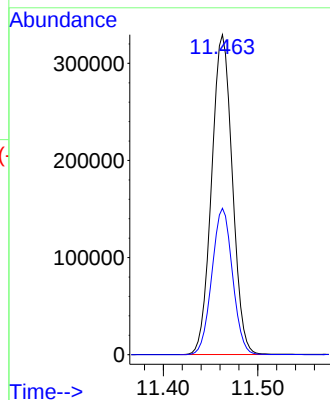
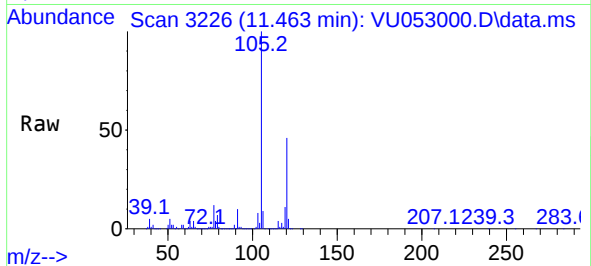




#63
1,2,4-Trimethylbenzene
Concen: 49.079 ug/L
RT: 11.463 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

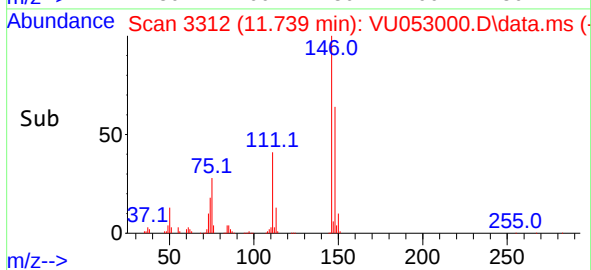
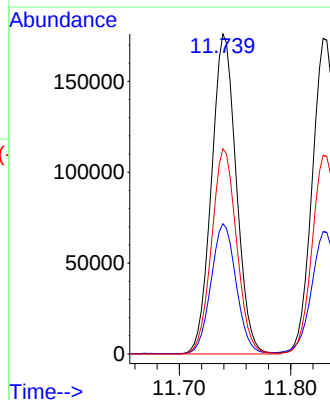
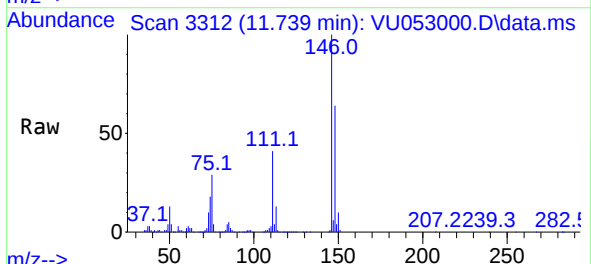
Instrument :
MSVOA_U
ClientSampleId :
VICV078

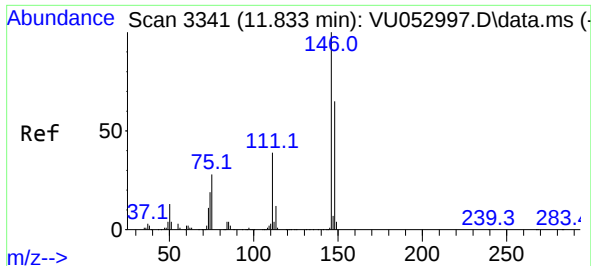
Tgt Ion:105 Resp: 501989
Ion Ratio Lower Upper
105 100
120 45.5 38.1 57.1



#64
1,3-Dichlorobenzene
Concen: 50.571 ug/L
RT: 11.739 min Scan# 3312
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion:146 Resp: 272124
Ion Ratio Lower Upper
146 100
111 40.7 27.8 51.6
148 64.1 45.5 84.5

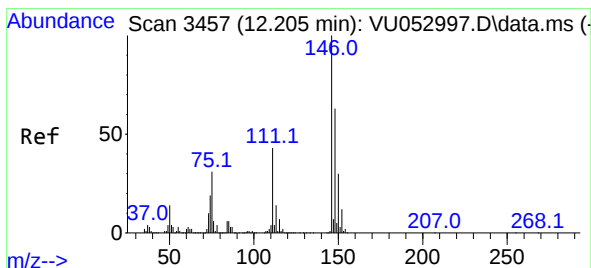
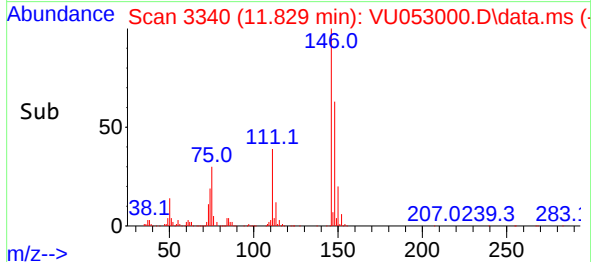
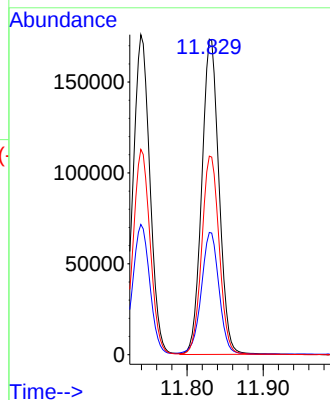
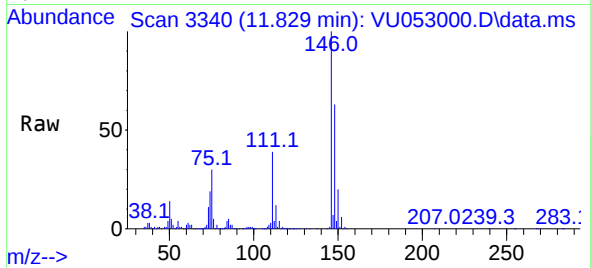




#65
1,4-Dichlorobenzene
Concen: 50.487 ug/L
RT: 11.829 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

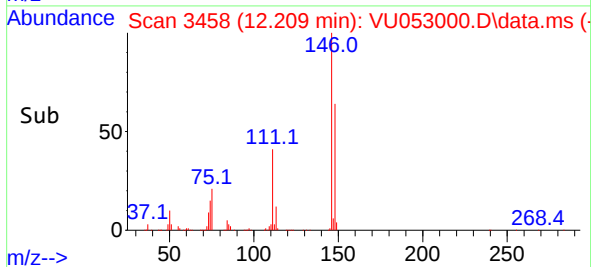
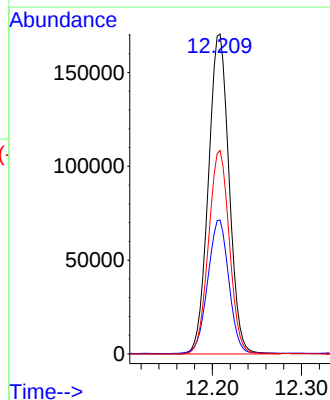
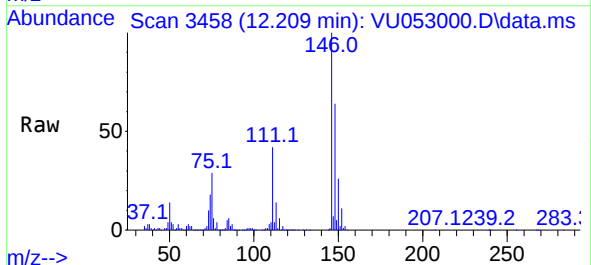
Instrument :
MSVOA_U
ClientSampleId :
VICV078

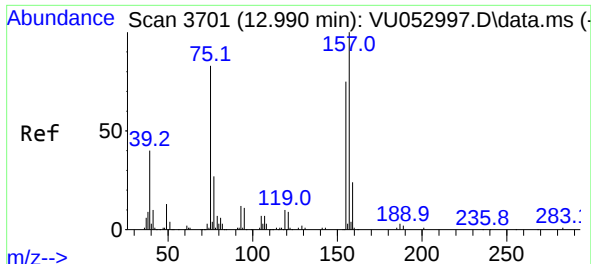
Tgt Ion:146 Resp: 273286
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 62.9 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 50.877 ug/L
RT: 12.209 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion:146 Resp: 274902
Ion Ratio Lower Upper
146 100
111 41.9 33.2 49.8
148 63.6 50.2 75.4

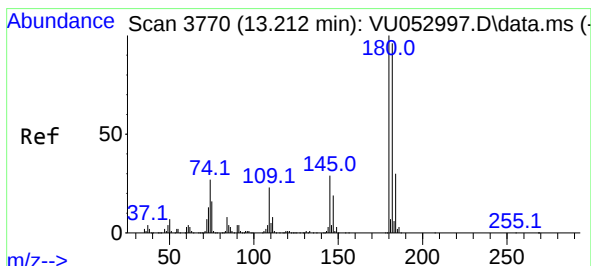
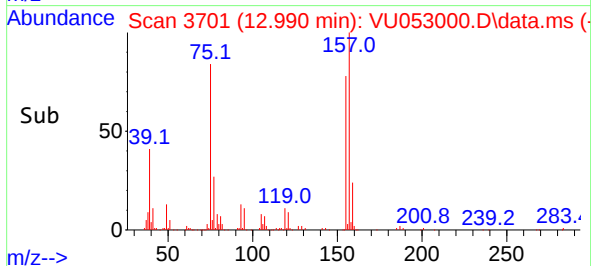
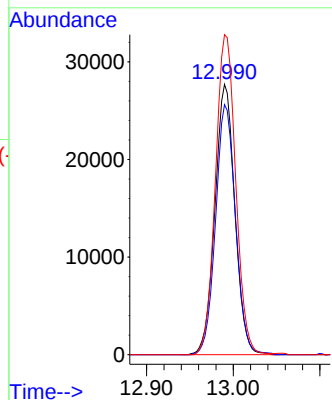
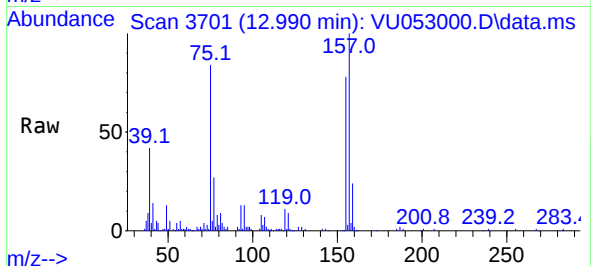




#68
1,2-Dibromo-3-chloropropane
Concen: 51.135 ug/L
RT: 12.990 min Scan# 3701
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

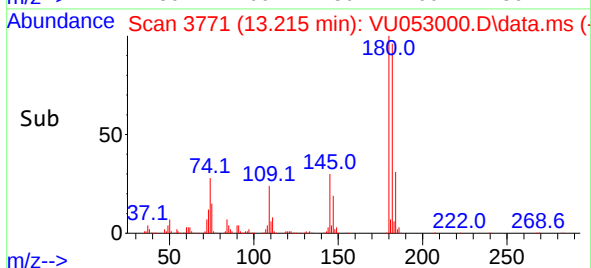
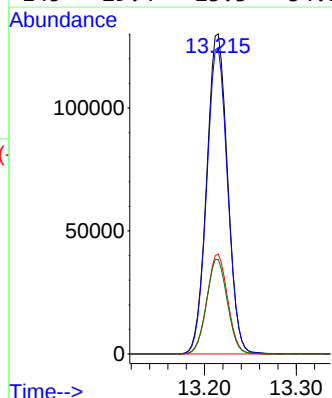
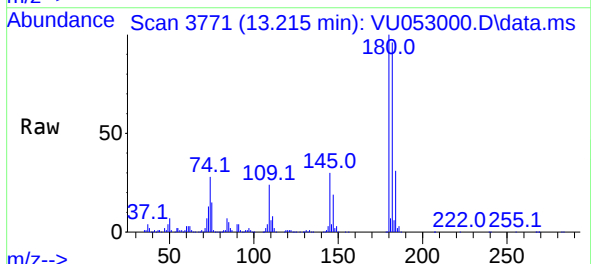
Instrument :
MSVOA_U
ClientSampleId :
VICV078

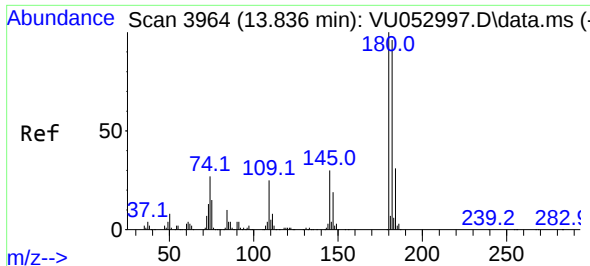
Tgt Ion:	75	Resp:	44273
Ion	Ratio	Lower	Upper
75	100		
155	92.5	69.2	103.8
157	118.4	91.2	136.8



#69
1,3,5-Trichlorobenzene
Concen: 49.524 ug/L
RT: 13.215 min Scan# 3771
Delta R.T. 0.003 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion:	180	Resp:	206534
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.6
184	30.7	24.4	36.6
145	29.4	23.3	34.9

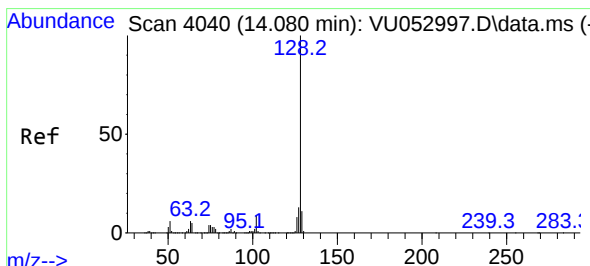
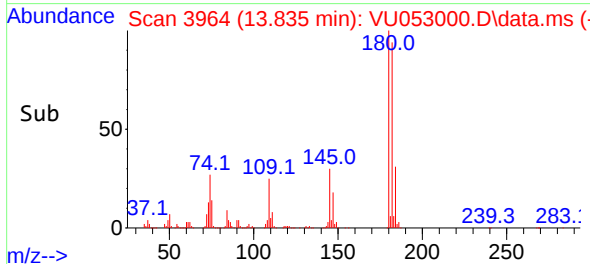
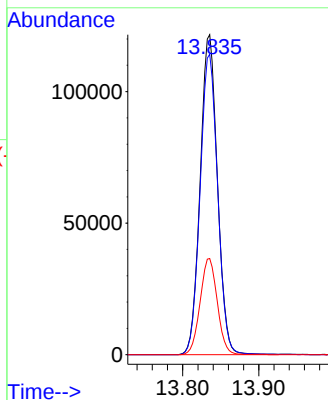
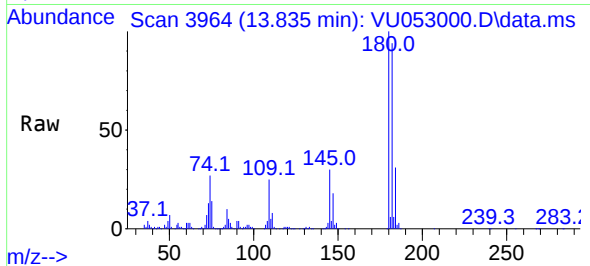




#70
1,2,4-trichlorobenzene
Concen: 51.523 ug/L
RT: 13.835 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

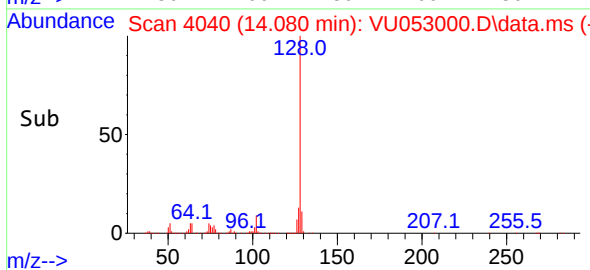
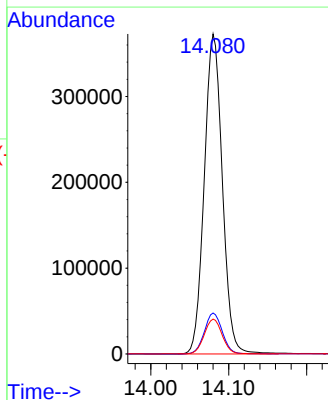
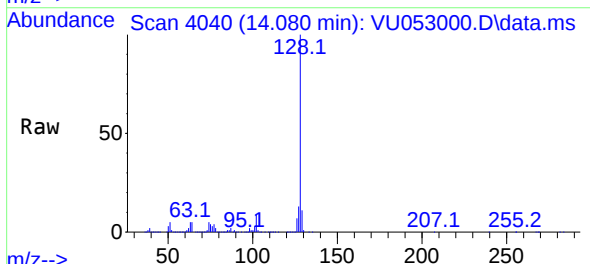
Instrument :
MSVOA_U
ClientSampleId :
VICV078

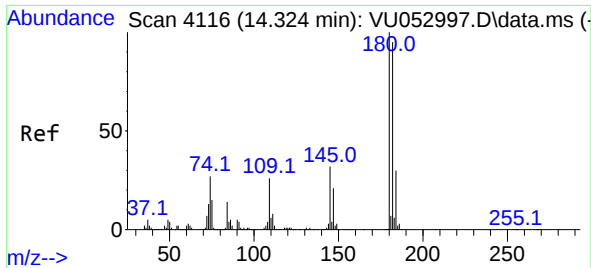
Tgt Ion:	180	Resp:	191963
Ion Ratio	Lower	Upper	
180	100		
182	95.4	78.2	117.2
145	29.9	23.4	35.2



#71
Naphthalene
Concen: 54.376 ug/L
RT: 14.080 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU053000.D
Acq: 08 Feb 2023 14:20

Tgt Ion:	128	Resp:	600392
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.7	8.8	13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 51.991 ug/L
 RT: 14.324 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VU053000.D
 Acq: 08 Feb 2023 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV078

Tgt Ion:180 Resp: 189862

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.5	116.3
145	31.9	24.2	36.4

