

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051909.D
 Acq On : 18 Nov 2022 17:11
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV073

Quant Time: Nov 18 22:21:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:15:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	252075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	250467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128465	5.239	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.912	69	100768	5.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.800%		
11) 1,1-Dichloroethene-d2	2.565	65	46303	5.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.400%		
20) 2-Butanone-d5	4.636	46	251256	56.532	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 113.060%		
24) Chloroform-d	5.060	84	197268	5.476	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
26) 1,2-Dichloroethane-d4	5.700	65	97457	5.356	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
32) Benzene-d6	5.726	84	414095	5.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.400%		
36) 1,2-Dichloropropane-d6	6.687	67	127551	5.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.800%		
41) Toluene-d8	7.896	98	379756	5.645	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.800%		
43) trans-1,3-Dichloroprop...	8.176	79	46803	5.581	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 111.600%		
46) 2-Hexanone-d5	8.632	63	210275	59.168	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.340%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	107721	5.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.000%		
66) 1,2-Dichlorobenzene-d4	12.189	152	124866	5.391	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	106224	4.859	ug/L	98
3) Chloromethane	1.523	50	144800	5.075	ug/L	100
5) Vinyl chloride	1.604	62	139013	5.071	ug/L	100
6) Bromomethane	1.858	94	72577	5.159	ug/L	100
8) Chloroethane	1.935	64	88525	5.193	ug/L	99
9) Trichlorofluoromethane	2.138	101	148937	4.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	89075	4.831	ug/L	100
12) 1,1-Dichloroethene	2.578	96	92650	5.067	ug/L	98
13) Acetone	2.649	43	158787	52.613	ug/L	100
14) Carbon disulfide	2.793	76	320014	5.055	ug/L	99
15) Methyl Acetate	2.957	43	40350	5.154	ug/L	97
16) Methylene chloride	3.044	84	128178	5.181	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	216621	5.292	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102386	5.223	ug/L	98
19) 1,1-Dichloroethane	3.867	63	186587	5.281	ug/L	99
21) 2-Butanone	4.713	43	262851	54.339	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	111467	5.418	ug/L	96
23) Bromochloromethane	4.973	128	51134	5.195	ug/L	90
25) Chloroform	5.086	83	189027	5.280	ug/L	97

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 ALS Vial : 8 Sample Multiplier: 1

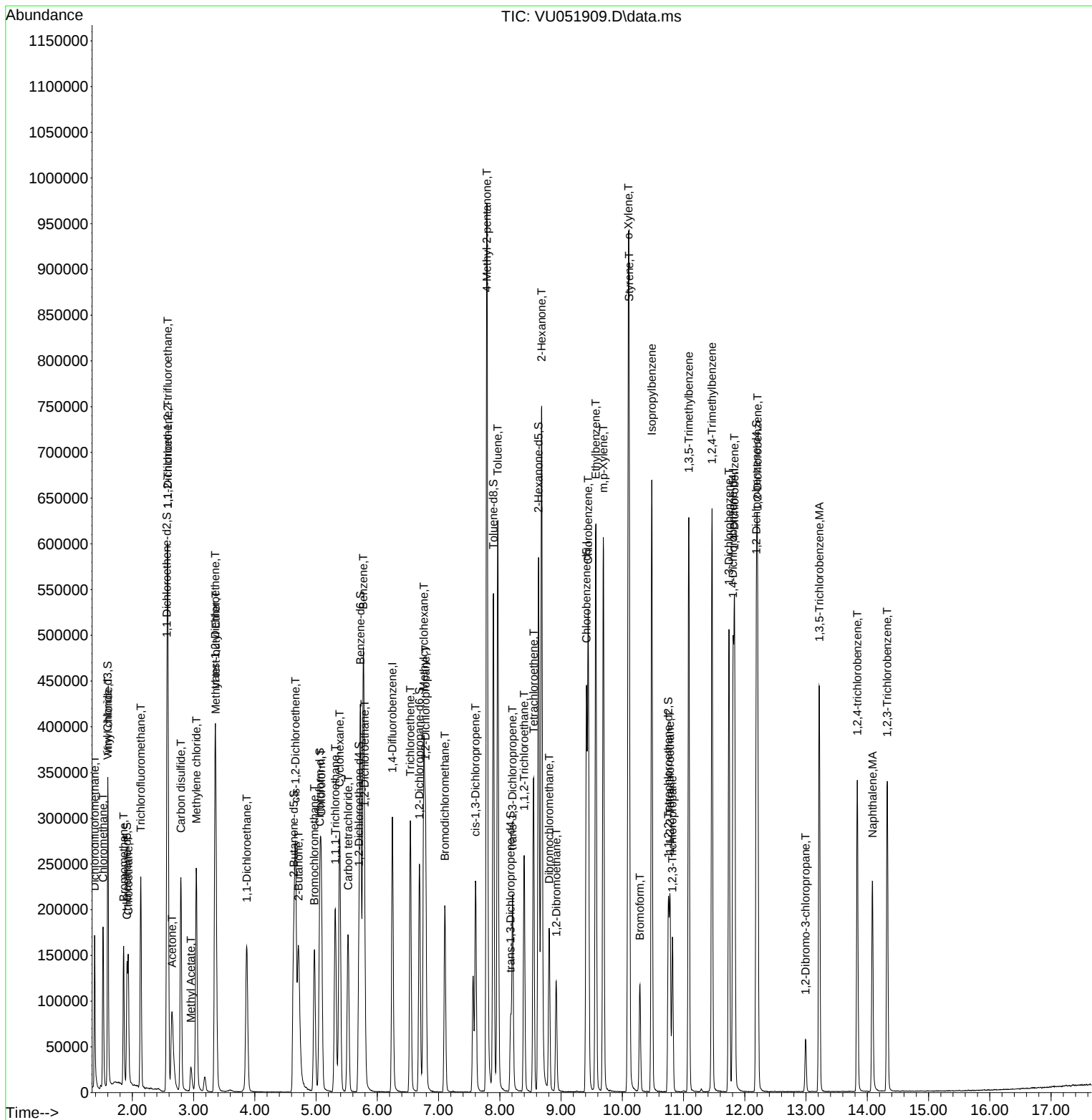
Instrument :
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 VICV073

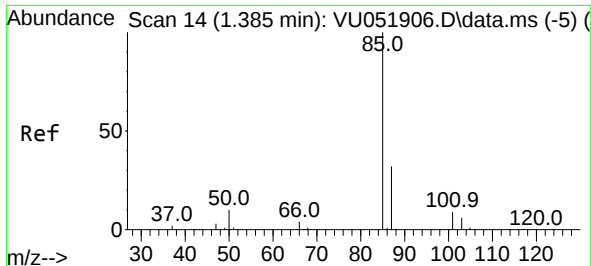
Quant Time: Nov 18 22:21:12 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:15:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	115782	5.281	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	145021	5.219	ug/L	100
30) Cyclohexane	5.385	56	138820	5.145	ug/L	99
31) Carbon tetrachloride	5.523	117	121256	5.135	ug/L	100
33) Benzene	5.771	78	446059	5.472	ug/L	100
34) Trichloroethene	6.539	95	103297	5.081	ug/L	96
35) Methylcyclohexane	6.761	83	142385	4.868	ug/L	98
37) 1,2-Dichloropropane	6.787	63	113894	5.396	ug/L	99
38) Bromodichloromethane	7.102	83	136567	5.307	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	146281	5.398	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	620515	56.285	ug/L	99
42) Toluene	7.967	91	467891	5.580	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	124279	5.356	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	84161	5.306	ug/L	98
47) Tetrachloroethene	8.552	164	78942	5.066	ug/L	99
48) 2-Hexanone	8.684	43	467685	57.867	ug/L	99
49) Dibromochloromethane	8.806	129	93077	5.240	ug/L	95
50) 1,2-Dibromoethane	8.922	107	79078	5.474	ug/L	98
51) Chlorobenzene	9.443	112	283426	5.302	ug/L	99
52) Ethylbenzene	9.568	91	443859	5.445	ug/L	100
53) m,p-Xylene	9.690	106	177685	5.629	ug/L	99
54) o-Xylene	10.099	106	172998	5.718	ug/L	100
55) Styrene	10.111	104	299714	5.866	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	107018	5.403	ug/L	99
59) Bromoform	10.288	173	53921	5.411	ug/L	96
60) Isopropylbenzene	10.481	105	430281	5.662	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	72925	5.267	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	343060	5.647	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	347457	5.762	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	213316	5.497	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	210265	5.433	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	203986	5.459	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15324	5.057	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	144624	5.256	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	109749	5.238	ug/L	99
71) Naphthalene	14.086	128	198022	5.034	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	109555	5.314	ug/L	99

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

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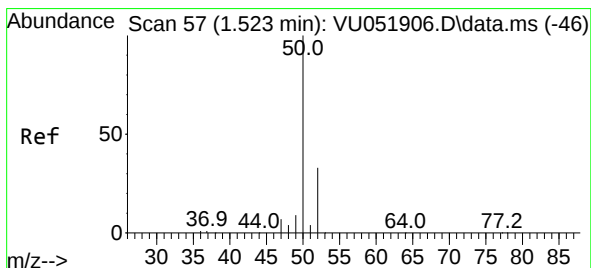
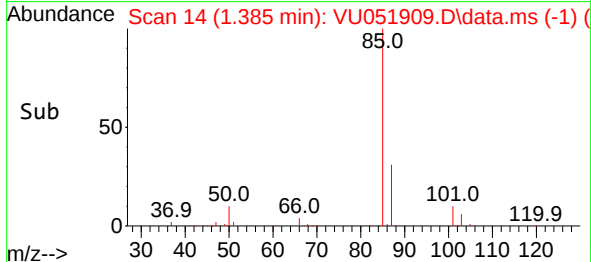
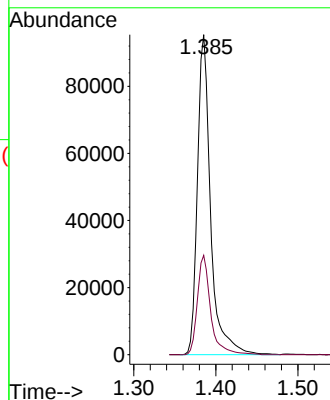
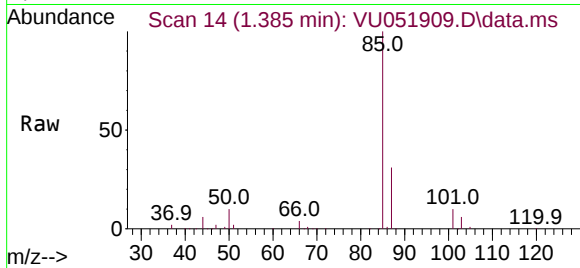




#2
Dichlorodifluoromethane
Concen: 4.859 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

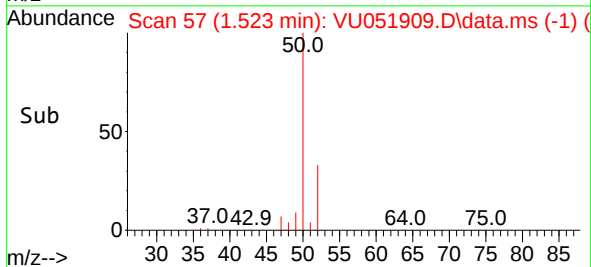
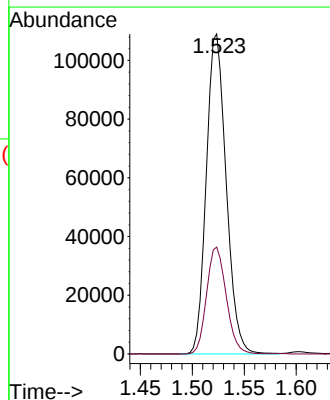
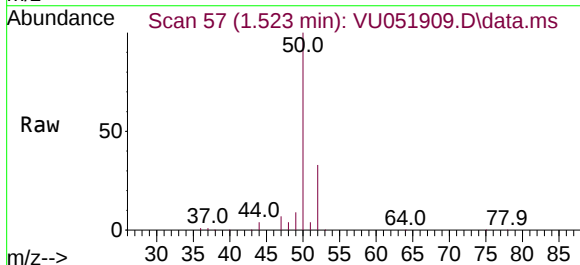
Instrument :
MSVOA_U
ClientSampleId :
VICV073

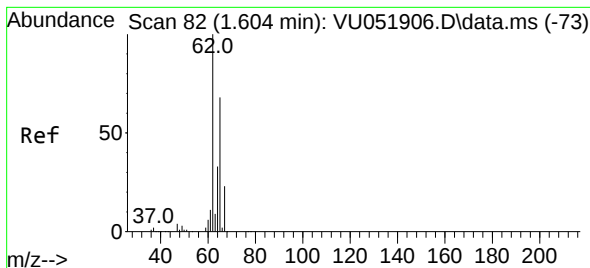
Tgt Ion: 85 Resp: 106224
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.8



#3
Chloromethane
Concen: 5.075 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 50 Resp: 144800
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4





#5

Vinyl chloride

Concen: 5.071 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

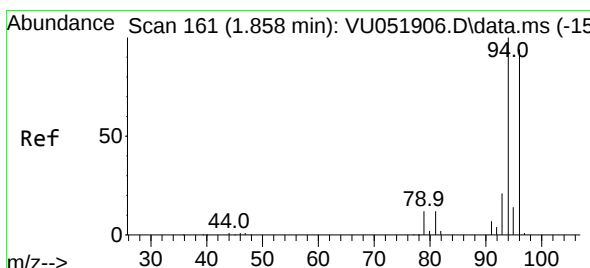
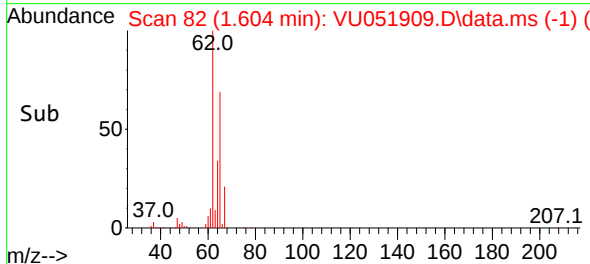
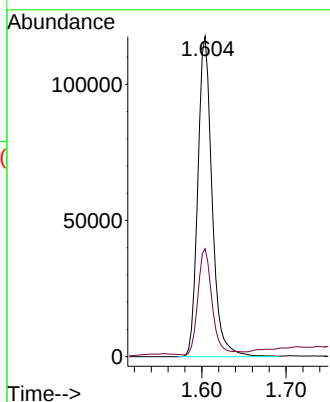
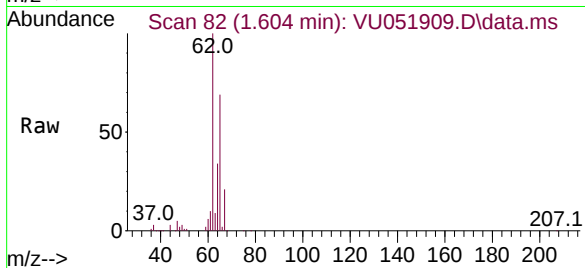
VICV073

Tgt Ion: 62 Resp: 139013

Ion Ratio Lower Upper

62 100

64 33.8 23.5 43.7



#6

Bromomethane

Concen: 5.159 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU051909.D

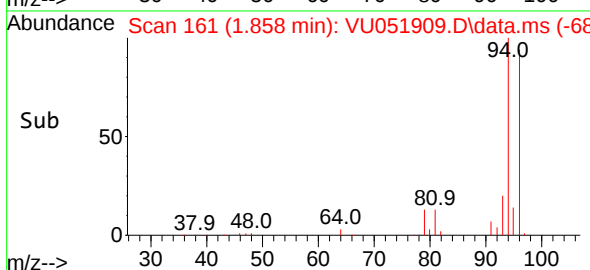
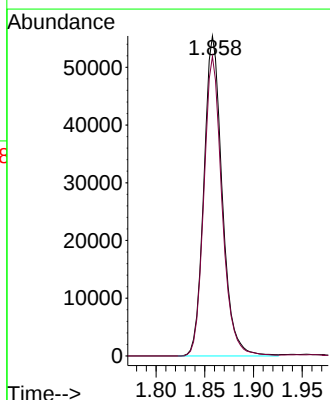
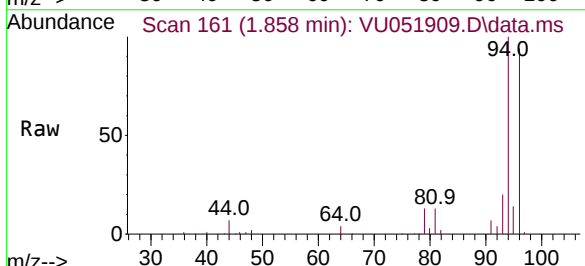
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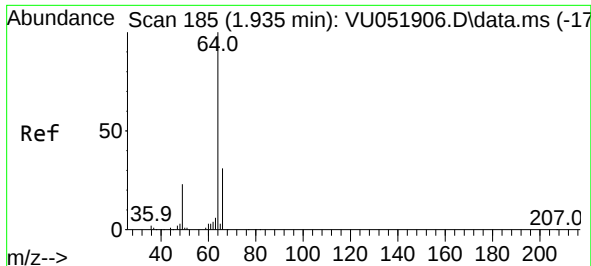
Tgt Ion: 94 Resp: 72577

Ion Ratio Lower Upper

94 100

96 93.6 65.7 122.1

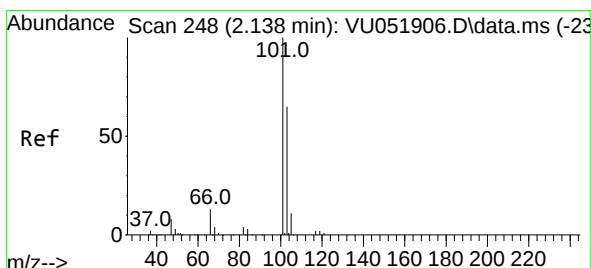
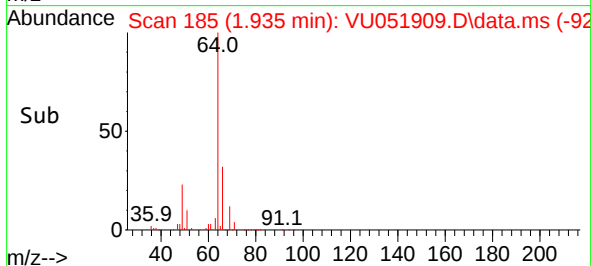
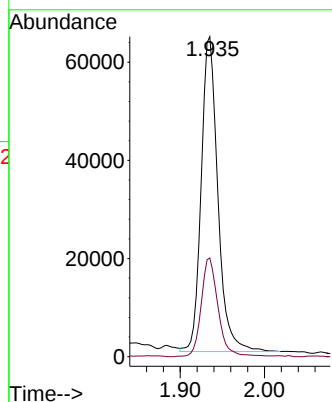
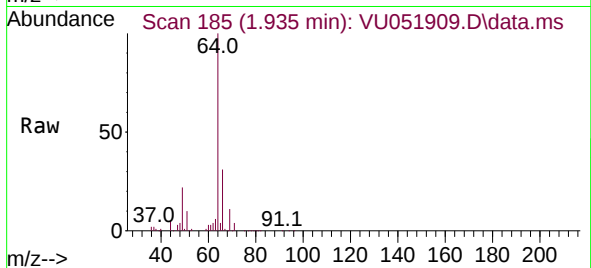




#8
Chloroethane
Concen: 5.193 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

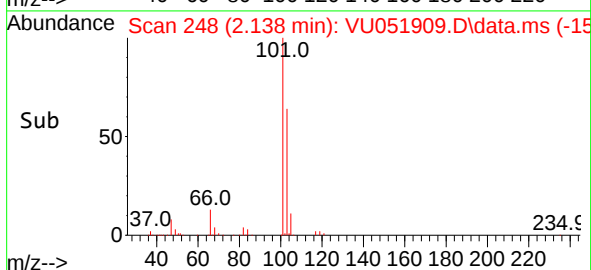
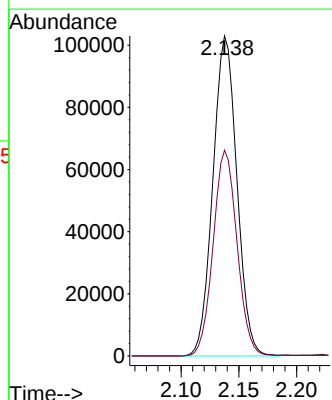
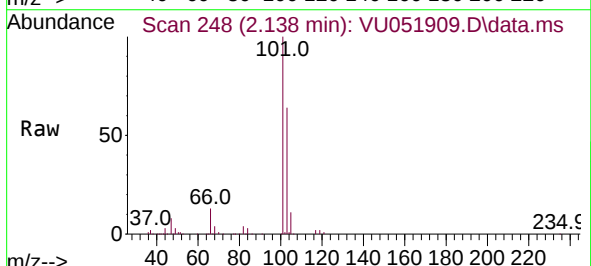
Instrument :
MSVOA_U
ClientSampleId :
VICV073

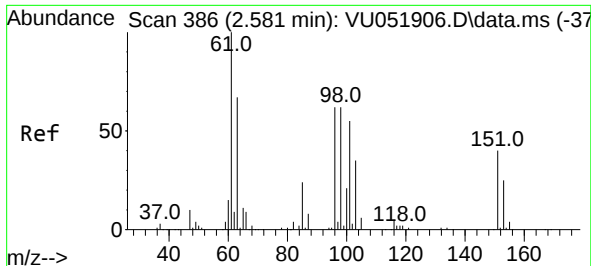
Tgt Ion: 64 Resp: 88525
Ion Ratio Lower Upper
64 100
66 30.9 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.939 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 101 Resp: 148937
Ion Ratio Lower Upper
101 100
103 63.8 51.6 77.4

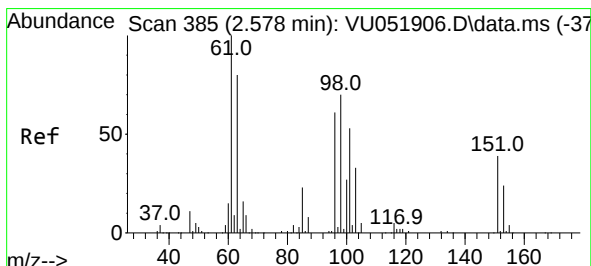
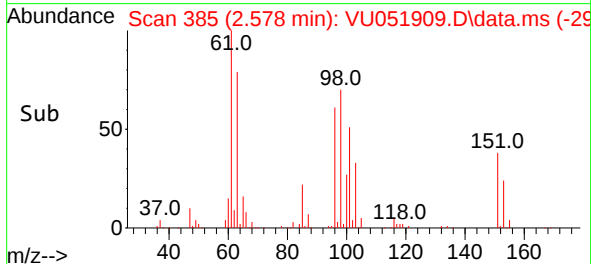
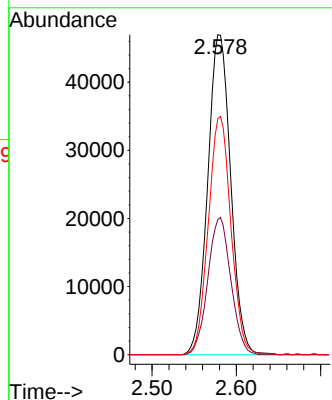
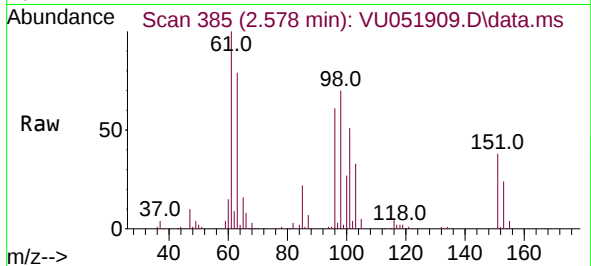




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.831 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

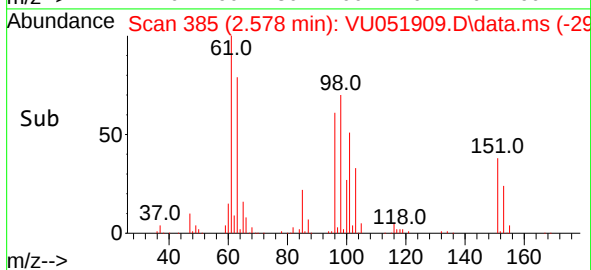
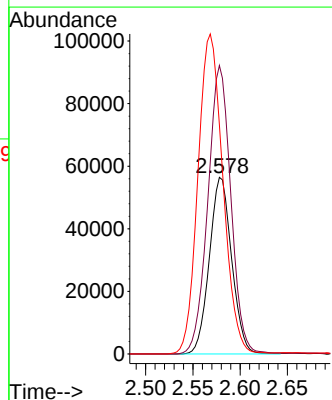
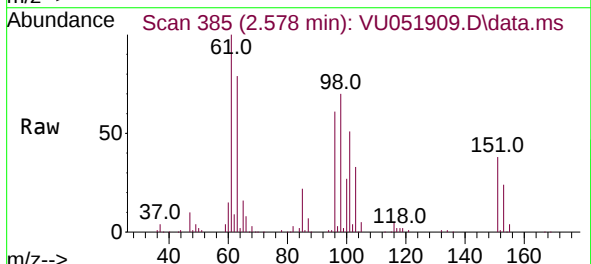
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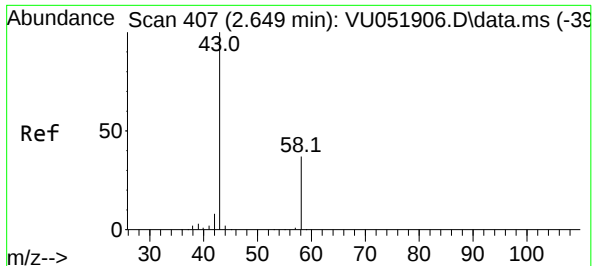
Tgt Ion:101 Resp: 89075
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 73.4 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.067 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 96 Resp: 92650
Ion Ratio Lower Upper
96 100
61 163.3 114.8 213.2
63 129.7 93.7 174.1





#13

Acetone

Concen: 52.613 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

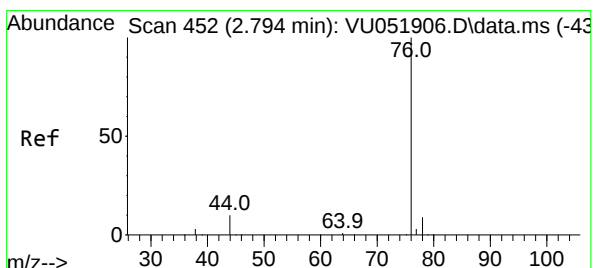
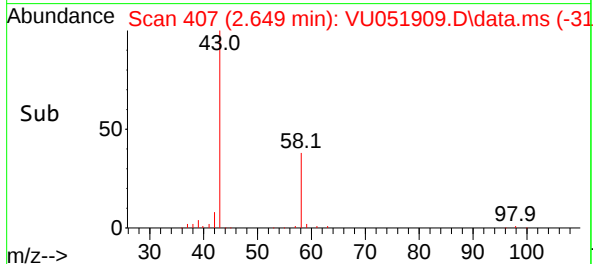
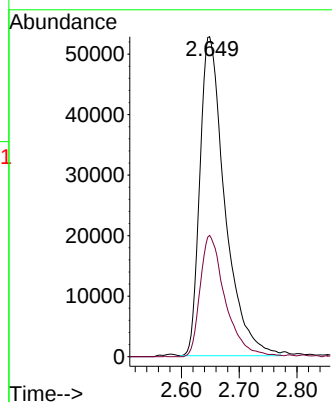
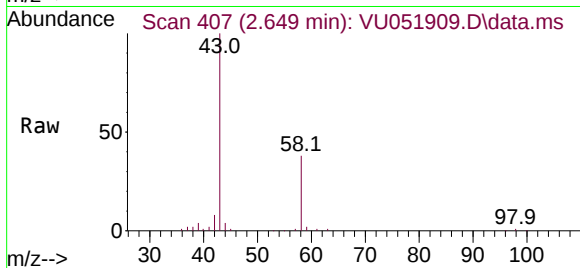
VICV073

Tgt Ion: 43 Resp: 158787

Ion Ratio Lower Upper

43 100

58 38.0 0.0 76.0



#14

Carbon disulfide

Concen: 5.055 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051909.D

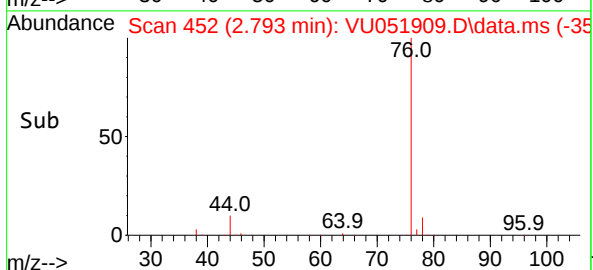
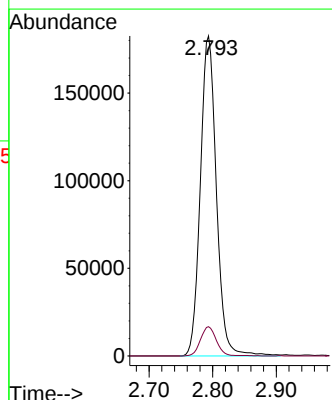
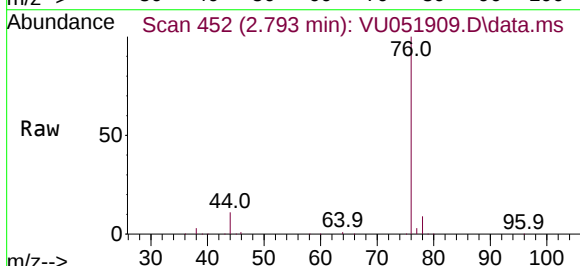
Acq: 18 Nov 2022 17:11

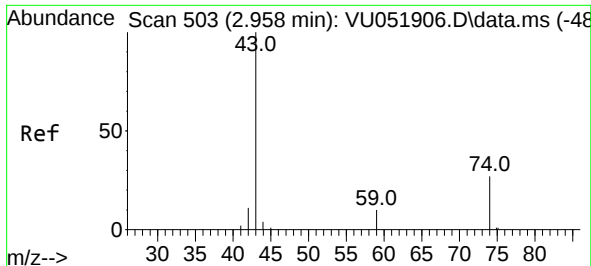
Tgt Ion: 76 Resp: 320014

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

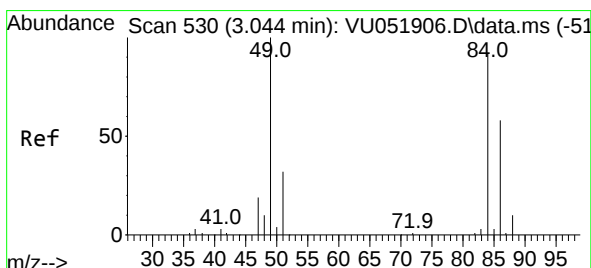
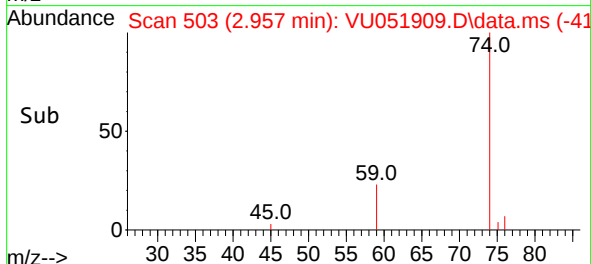
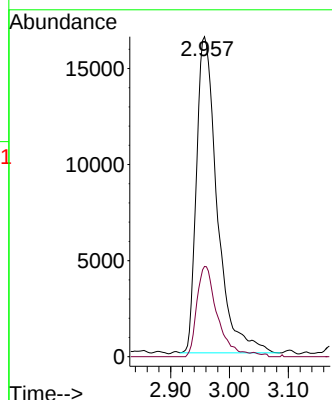
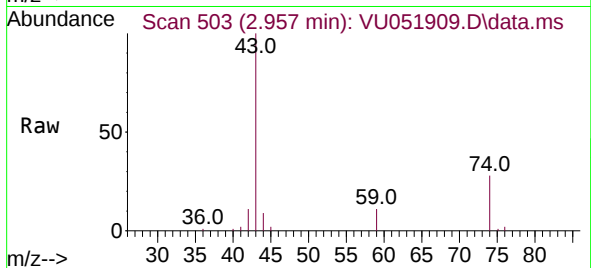




#15
Methyl Acetate
Concen: 5.154 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

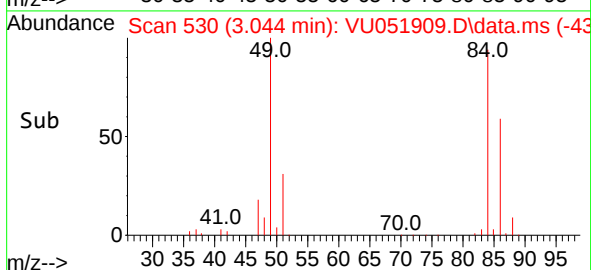
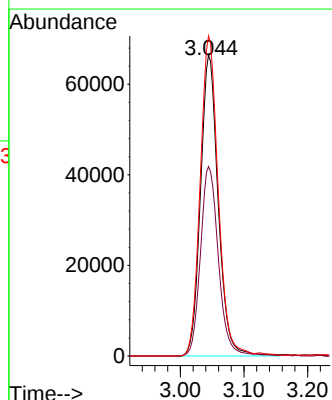
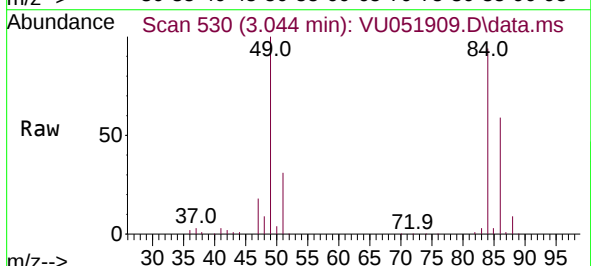
Instrument :
MSVOA_U
ClientSampleId :
VICV073

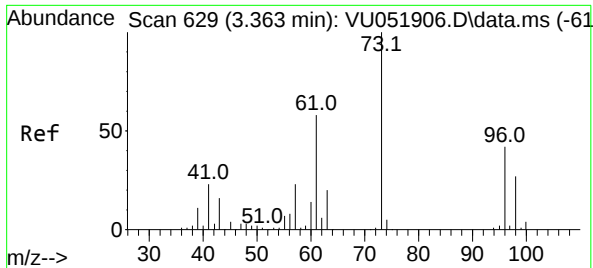
Tgt Ion: 43 Resp: 40350
Ion Ratio Lower Upper
43 100
74 27.9 21.3 31.9



#16
Methylene chloride
Concen: 5.181 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 84 Resp: 128178
Ion Ratio Lower Upper
84 100
86 62.9 43.8 81.4
49 106.3 75.9 141.1

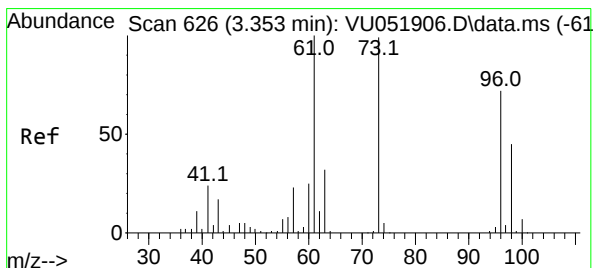
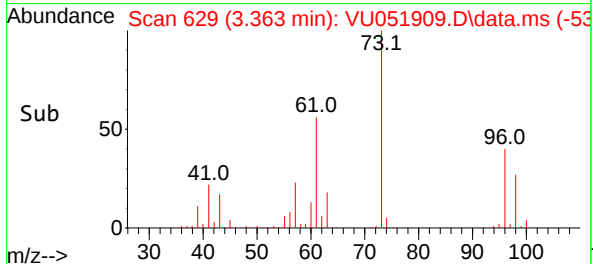
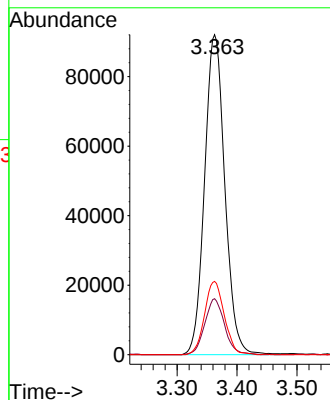
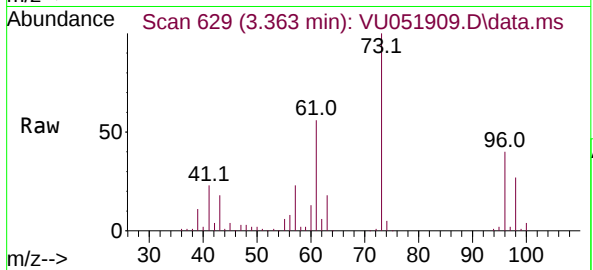




#17
Methyl tert-butyl Ether
Concen: 5.292 ug/L
RT: 3.363 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

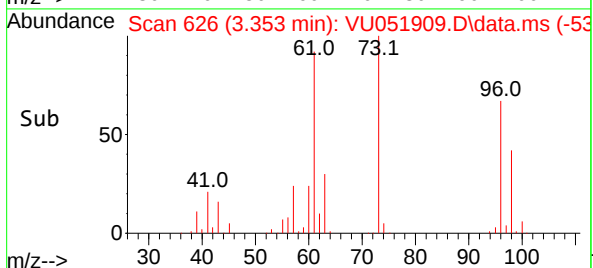
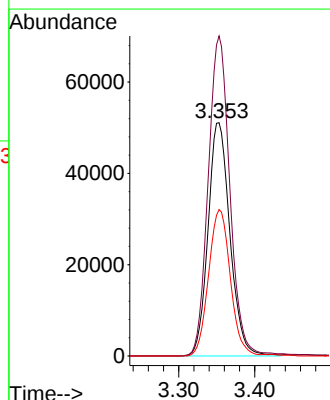
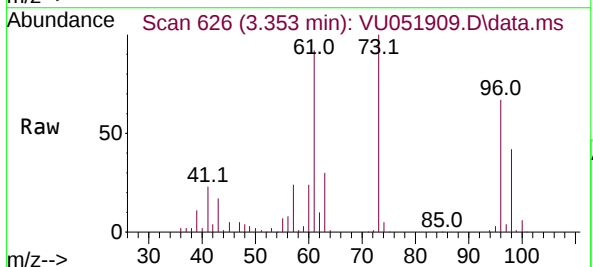
Instrument :
MSVOA_U
ClientSampleId :
VICV073

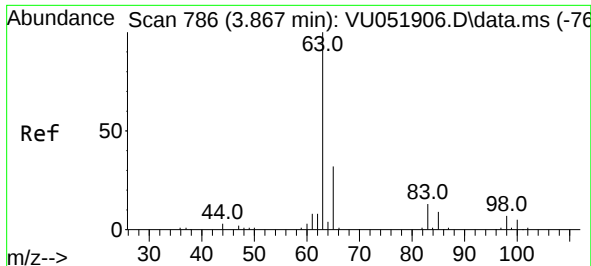
Tgt Ion: 73 Resp: 216621
Ion Ratio Lower Upper
73 100
43 17.1 13.2 19.8
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.223 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 96 Resp: 102386
Ion Ratio Lower Upper
96 100
61 137.1 97.9 181.7
98 62.7 43.8 81.3

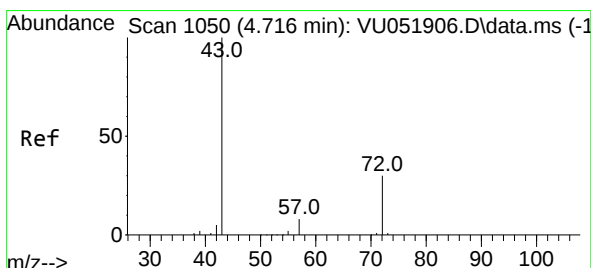
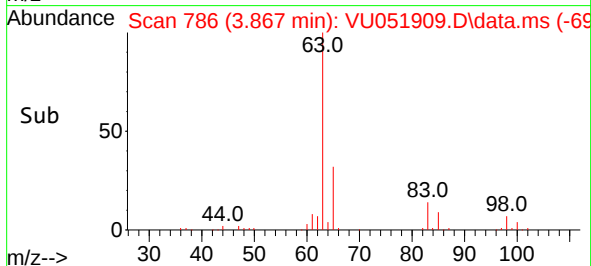
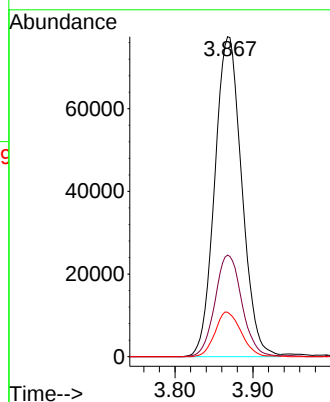
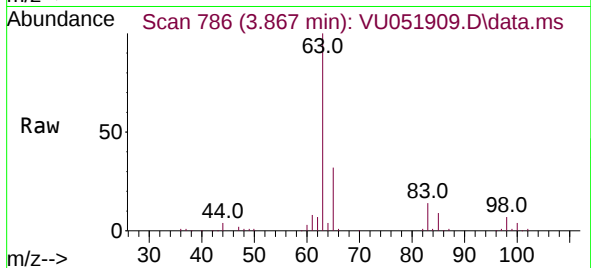




#19
1,1-Dichloroethane
Concen: 5.281 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

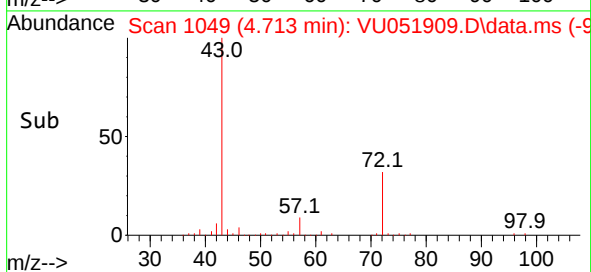
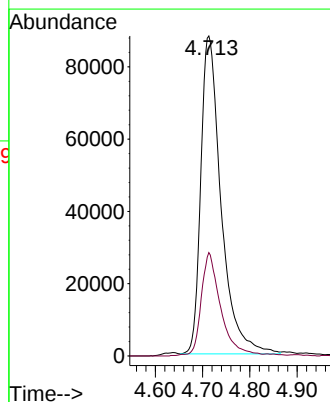
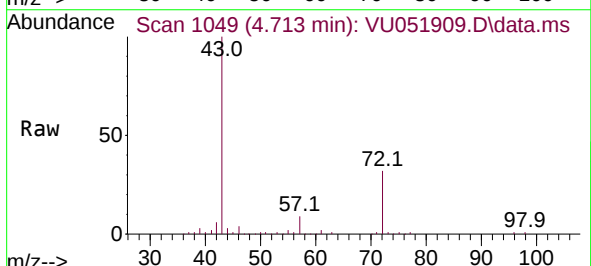
Instrument :
MSVOA_U
ClientSampleId :
VICV073

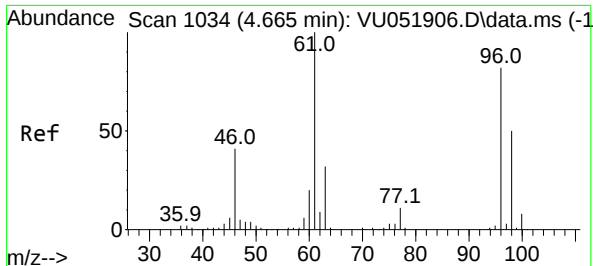
Tgt Ion: 63 Resp: 186587
Ion Ratio Lower Upper
63 100
65 31.7 22.2 41.2
83 13.9 9.2 17.0



#21
2-Butanone
Concen: 54.339 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 43 Resp: 262851
Ion Ratio Lower Upper
43 100
72 31.2 15.6 46.8

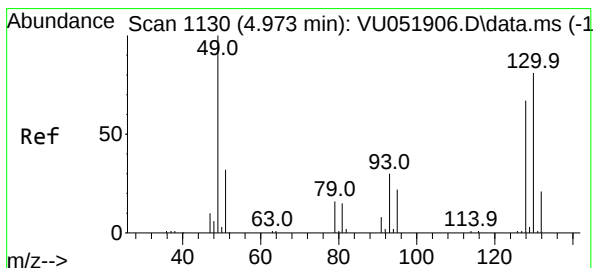
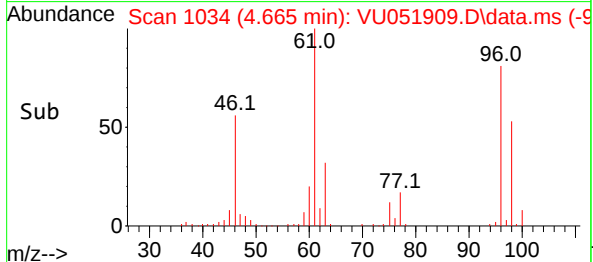
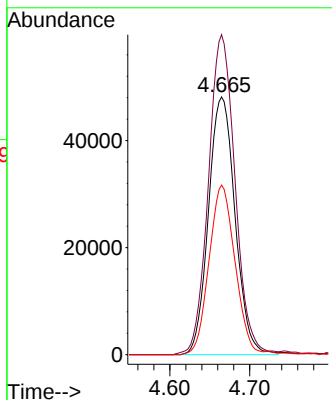
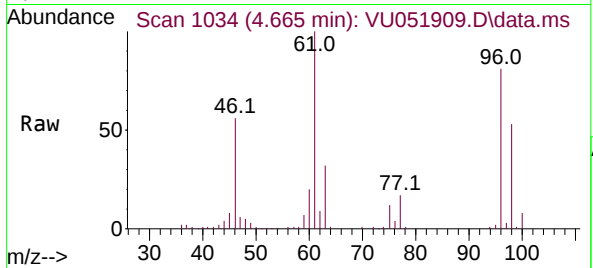




#22
 cis-1,2-Dichloroethene
 Concen: 5.418 ug/L
 RT: 4.665 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VU051909.D
 Acq: 18 Nov 2022 17:11

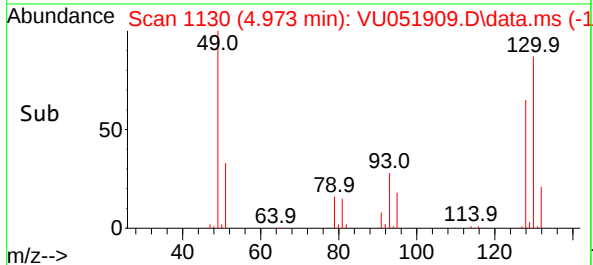
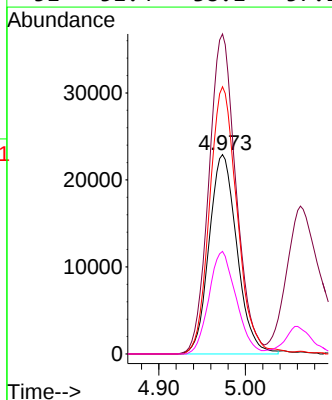
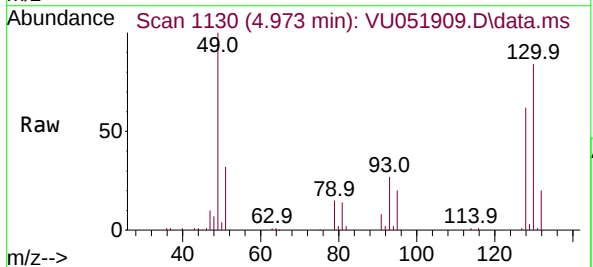
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV073

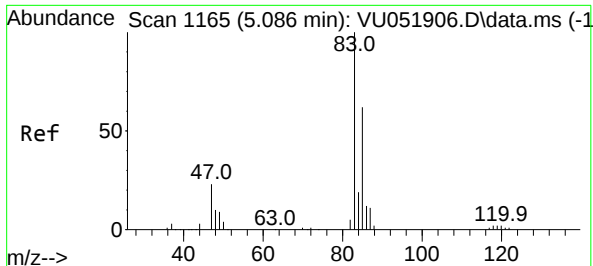
Tgt Ion: 96 Resp: 111467
 Ion Ratio Lower Upper
 96 100
 61 124.2 85.1 158.1
 98 65.8 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.195 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051909.D
 Acq: 18 Nov 2022 17:11

Tgt Ion:128 Resp: 51134
 Ion Ratio Lower Upper
 128 100
 49 160.5 104.0 193.2
 130 134.0 84.6 157.2
 51 51.4 38.1 57.1





#25

Chloroform

Concen: 5.280 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

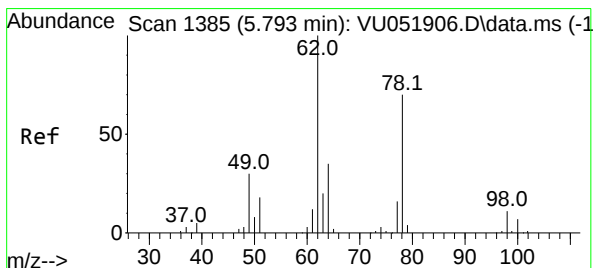
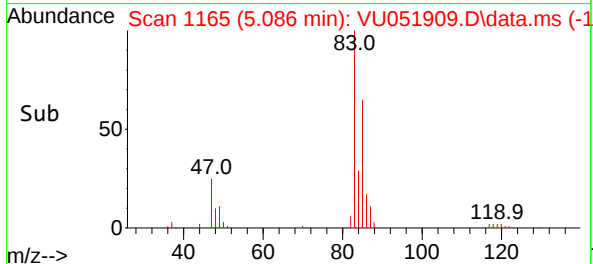
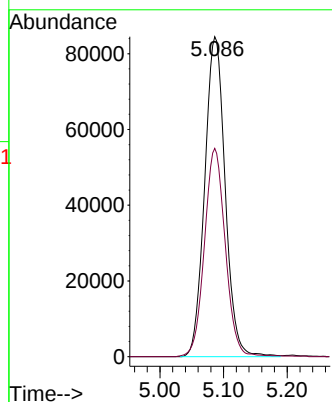
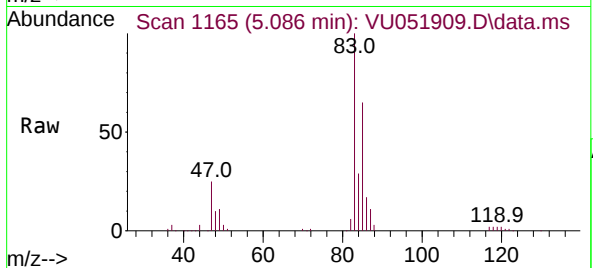
VICV073

Tgt Ion: 83 Resp: 189027

Ion Ratio Lower Upper

83 100

85 65.1 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.281 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051909.D

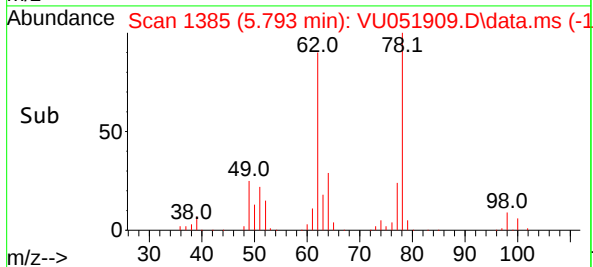
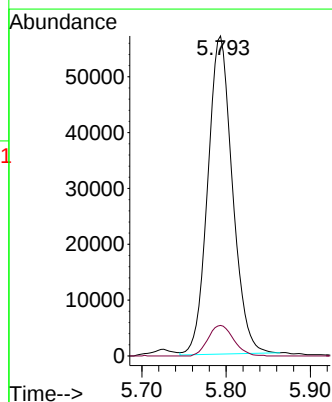
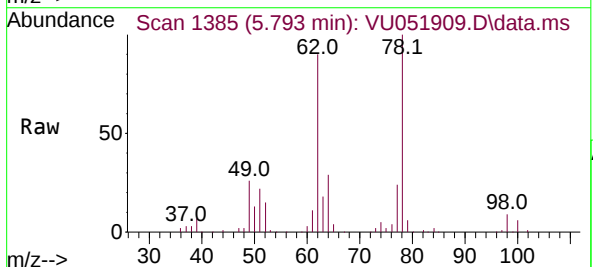
Acq: 18 Nov 2022 17:11

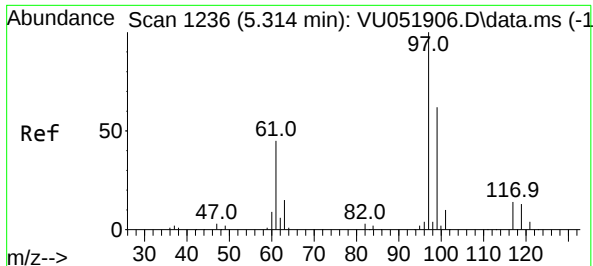
Tgt Ion: 62 Resp: 115782

Ion Ratio Lower Upper

62 100

98 9.5 8.4 12.6



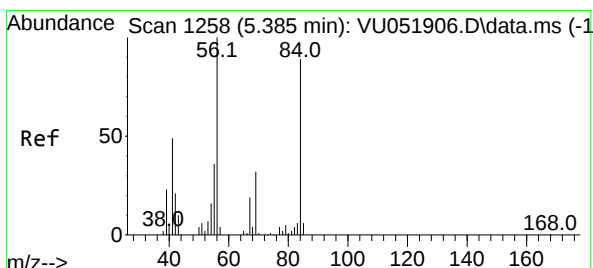
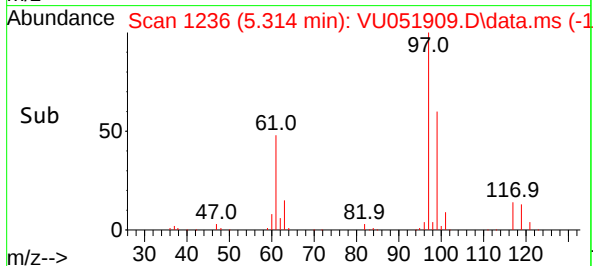
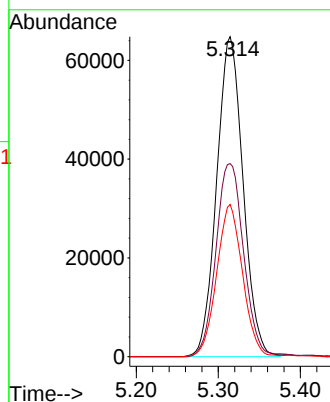
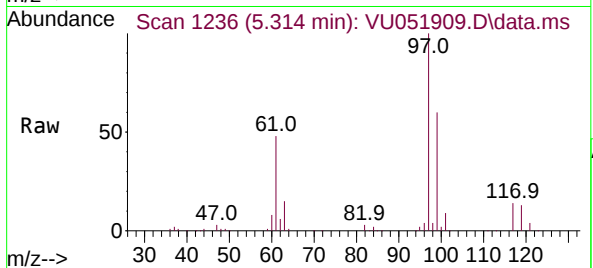


#29
1,1,1-Trichloroethane
Concen: 5.219 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Instrument :
MSVOA_U
ClientSampleId :
VICV073

Tgt Ion: 97 Resp: 145021

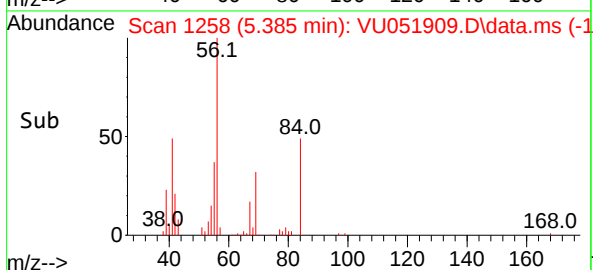
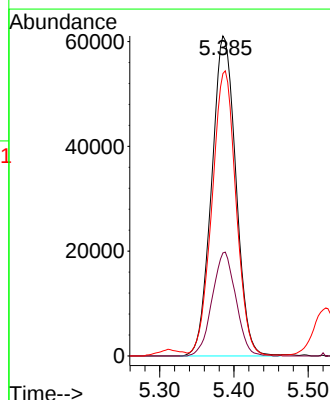
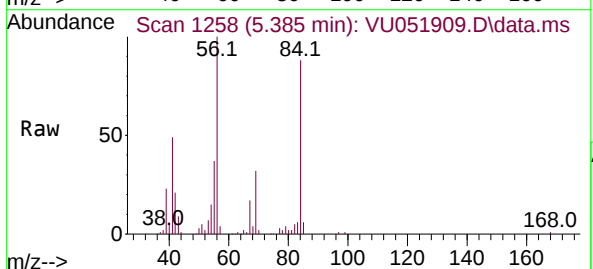
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	46.7	36.9	55.3

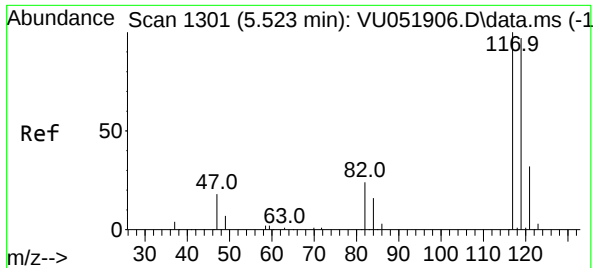


#30
Cyclohexane
Concen: 5.145 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 56 Resp: 138820

Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.6	38.4
84	88.4	72.0	108.0

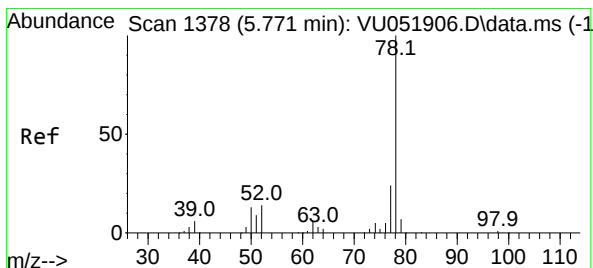
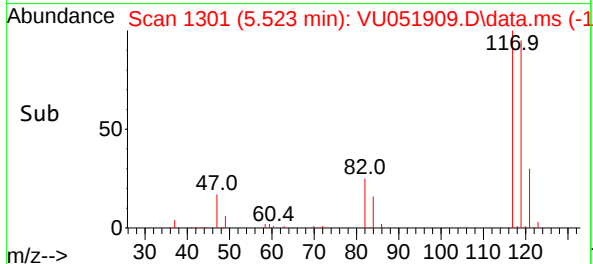
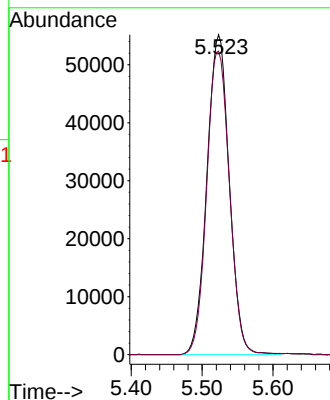
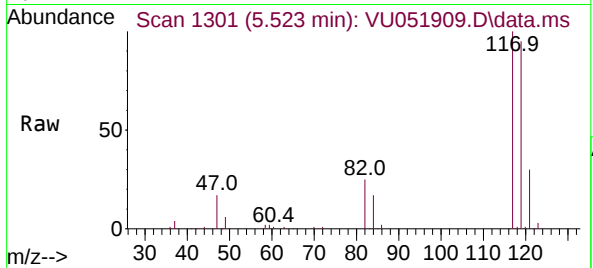




#31
Carbon tetrachloride
Concen: 5.135 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

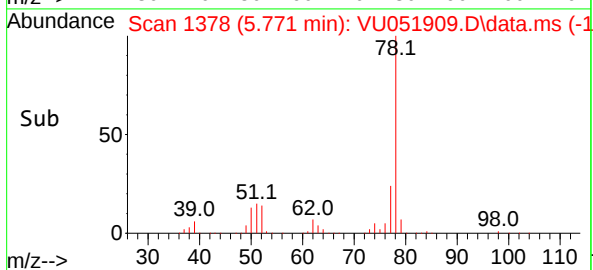
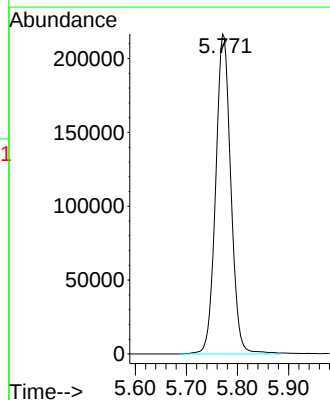
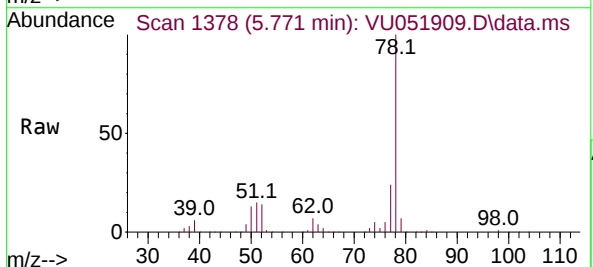
Instrument :
MSVOA_U
ClientSampleId :
VICV073

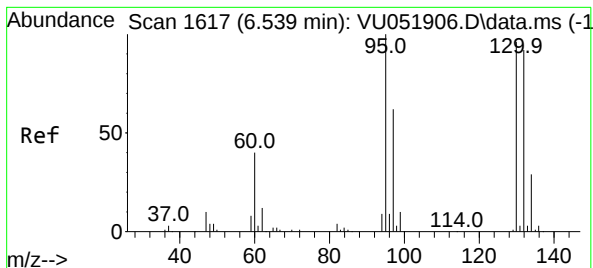
Tgt Ion:117 Resp: 121256
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8



#33
Benzene
Concen: 5.472 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 78 Resp: 446059





#34

Trichloroethene

Concen: 5.081 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

VICV073

Tgt Ion: 95 Resp: 103297

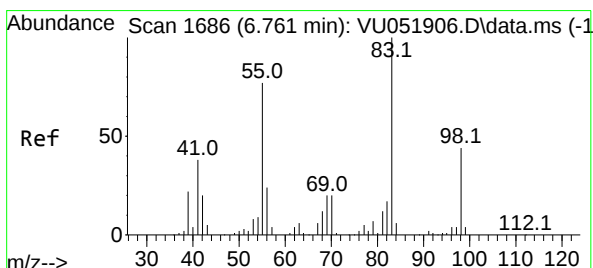
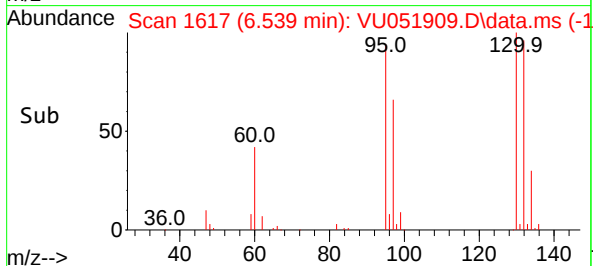
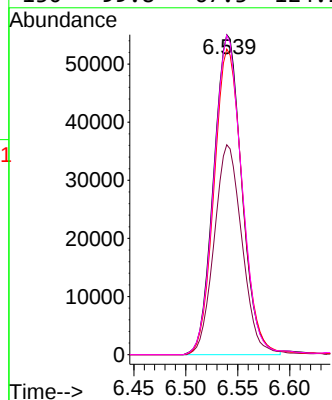
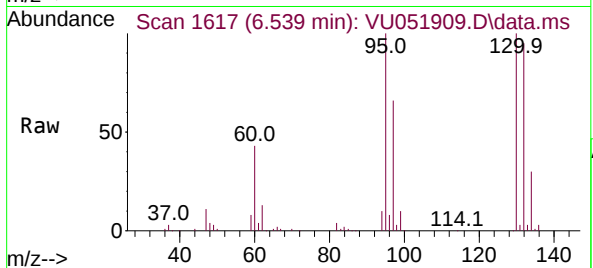
Ion Ratio Lower Upper

95 100

97 65.6 43.7 81.1

132 95.5 64.3 119.3

130 99.8 67.3 124.9



#35

Methylcyclohexane

Concen: 4.868 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

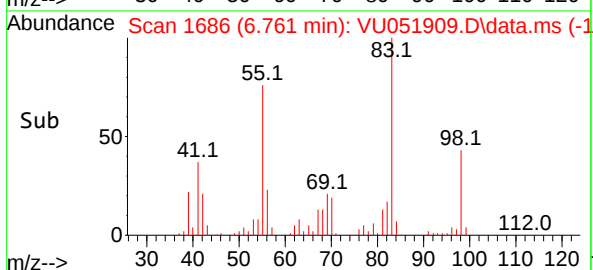
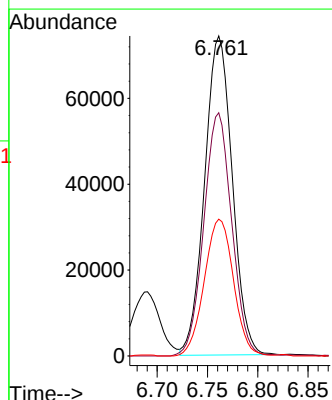
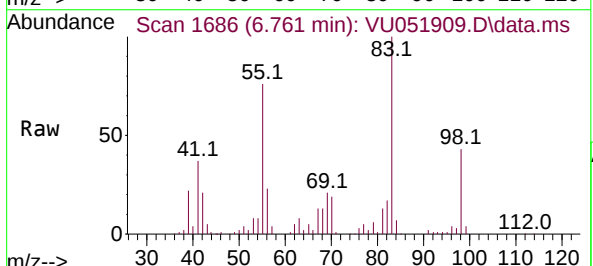
Tgt Ion: 83 Resp: 142385

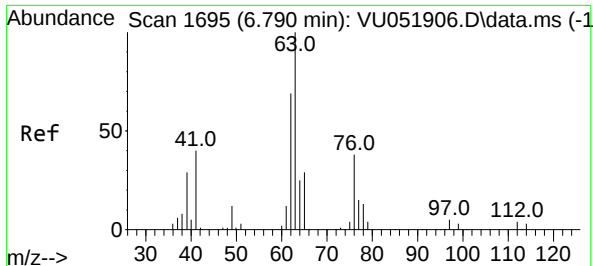
Ion Ratio Lower Upper

83 100

55 77.1 60.8 91.2

98 45.3 35.1 52.7

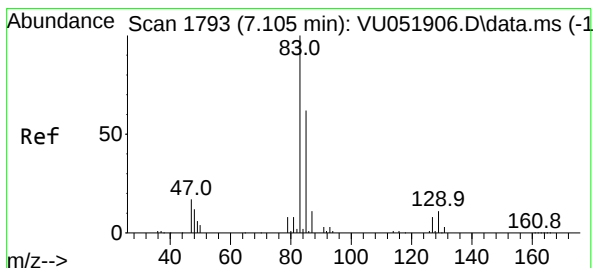
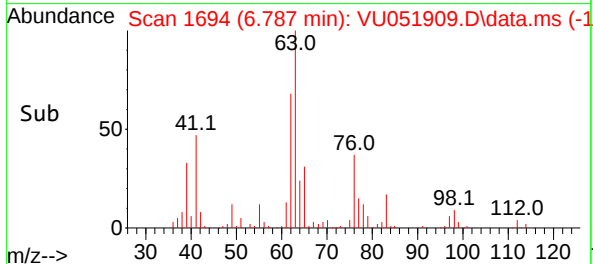
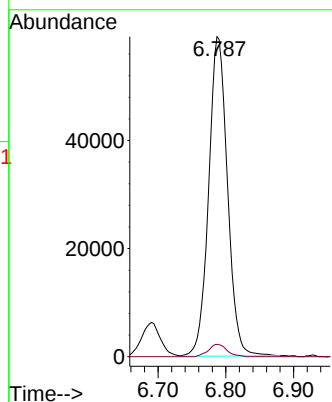
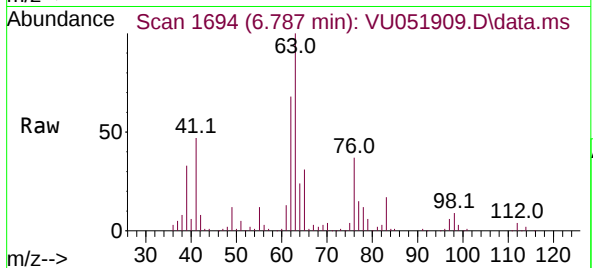




#37
1,2-Dichloropropane
Concen: 5.396 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

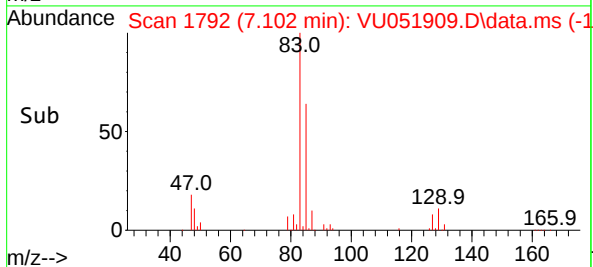
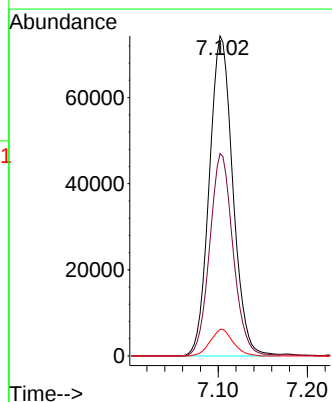
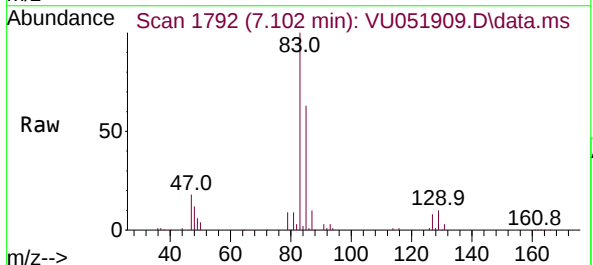
Instrument :
MSVOA_U
ClientSampleId :
VICV073

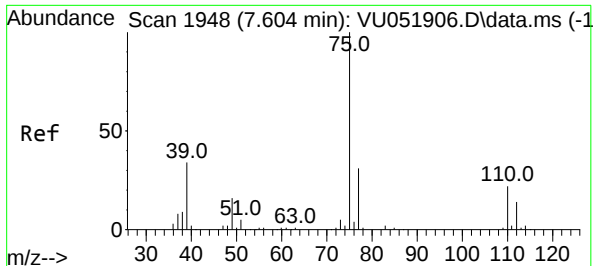
Tgt Ion: 63 Resp: 113894
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 5.307 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 83 Resp: 136567
Ion Ratio Lower Upper
83 100
85 63.3 43.5 80.9
127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.398 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

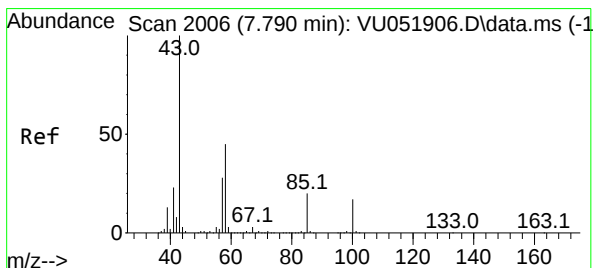
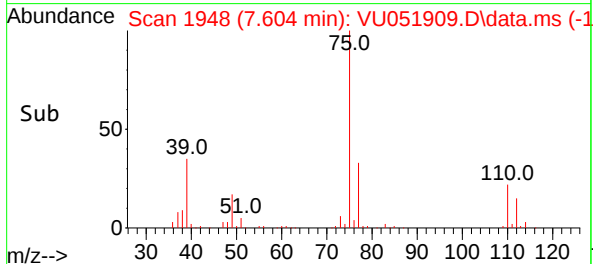
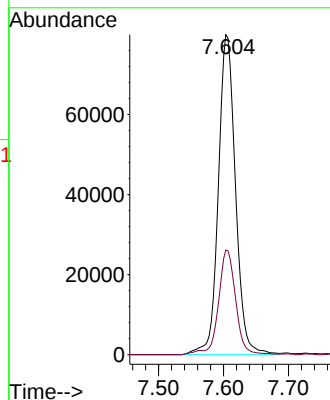
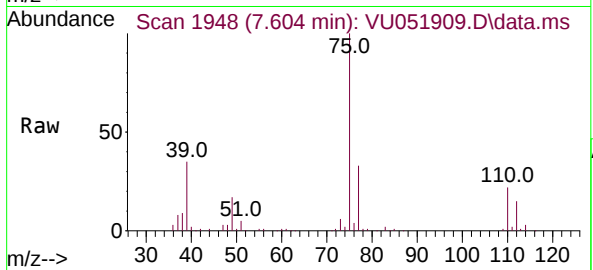
VICV073

Tgt Ion: 75 Resp: 146281

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 56.285 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

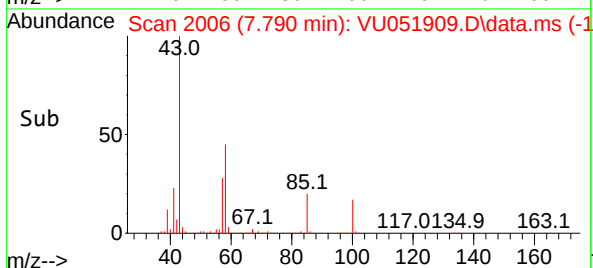
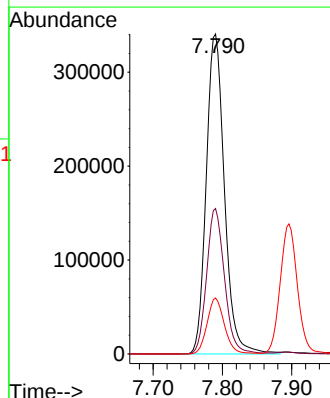
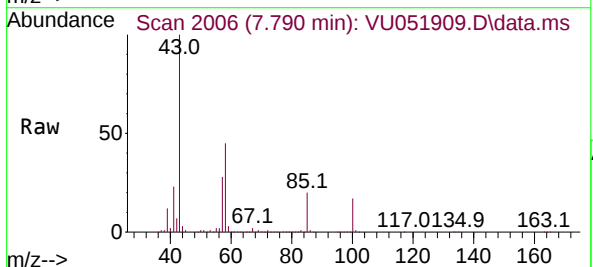
Tgt Ion: 43 Resp: 620515

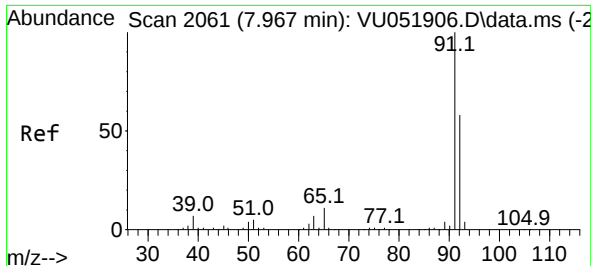
Ion Ratio Lower Upper

43 100

58 44.7 35.3 52.9

100 16.7 13.6 20.4





#42

Toluene

Concen: 5.580 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

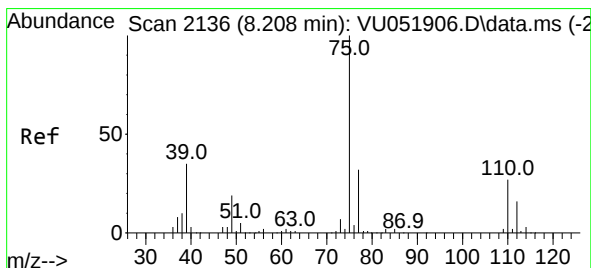
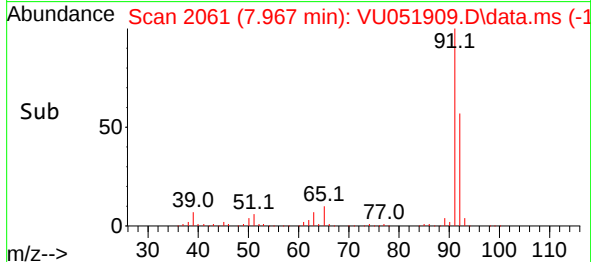
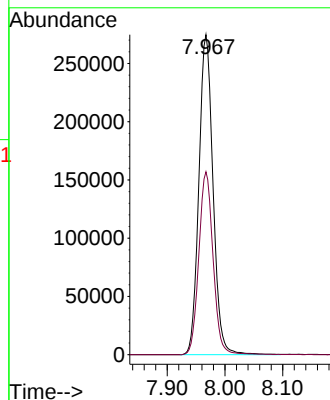
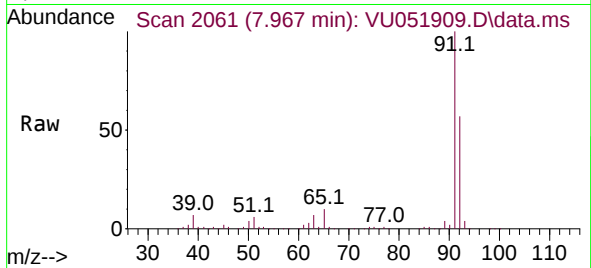
VICV073

Tgt Ion: 91 Resp: 467891

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.356 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051909.D

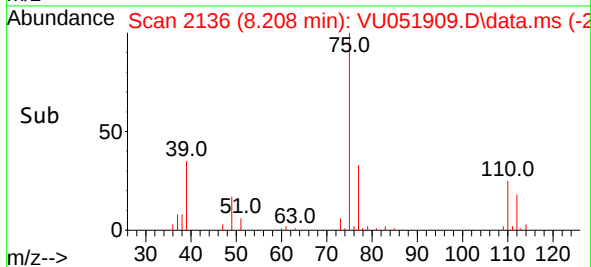
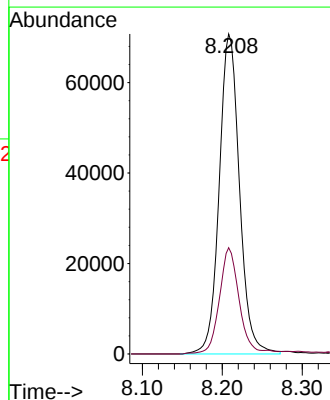
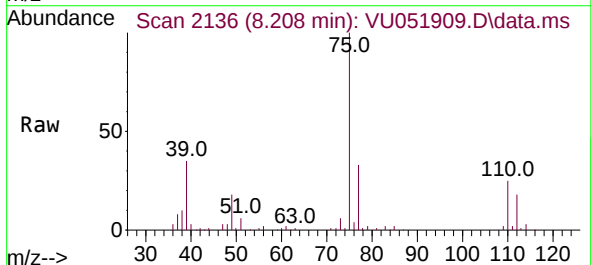
Acq: 18 Nov 2022 17:11

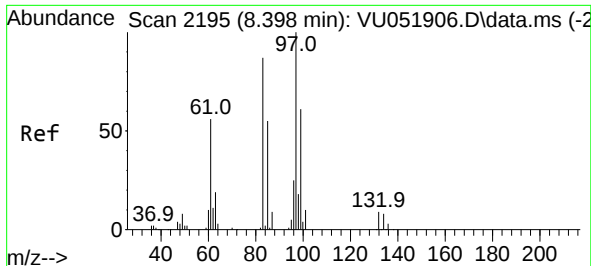
Tgt Ion: 75 Resp: 124279

Ion Ratio Lower Upper

75 100

77 33.2 22.6 42.0

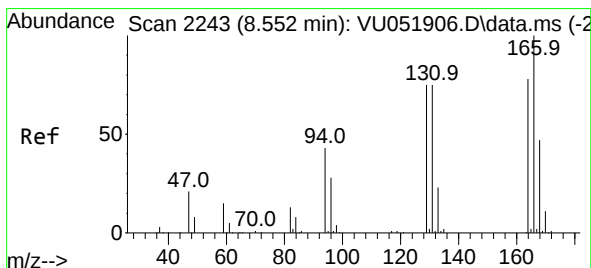
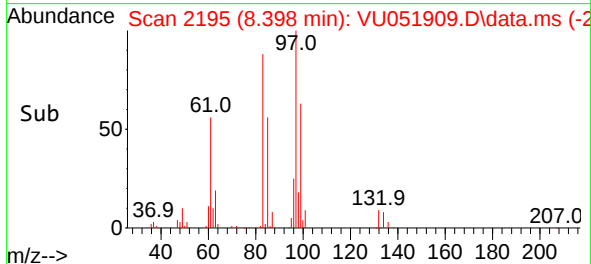
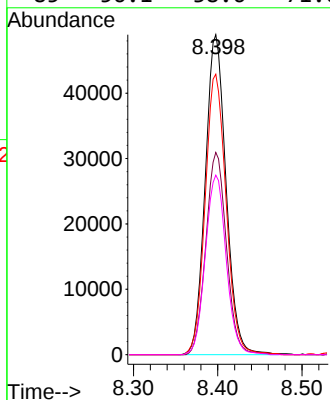
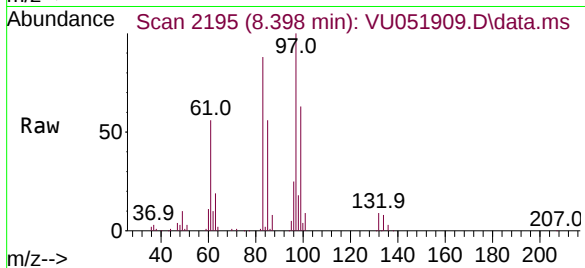




#45
1,1,2-Trichloroethane
Concen: 5.306 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

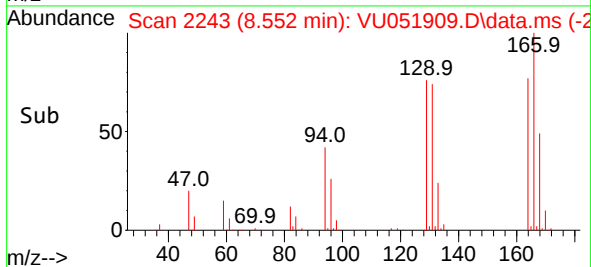
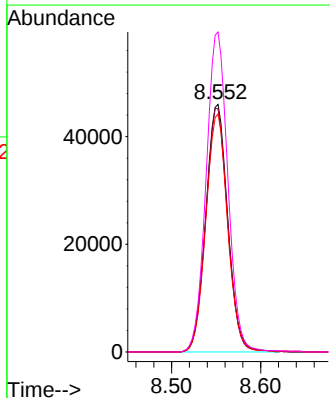
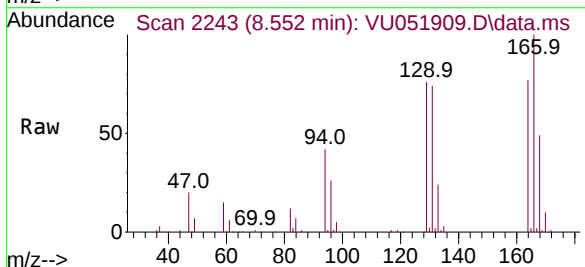
Instrument : MSVOA_U
ClientSampleId : VICV073

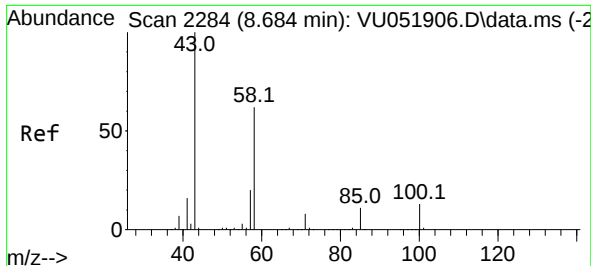
Tgt Ion:	97	Resp:	84161
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.6	79.2
83	87.7	60.7	112.7
85	56.1	38.6	71.6



#47
Tetrachloroethene
Concen: 5.066 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion:	164	Resp:	78942
Ion	Ratio	Lower	Upper
164	100		
129	98.2	67.4	125.2
131	96.1	67.1	124.7
166	129.3	89.7	166.5



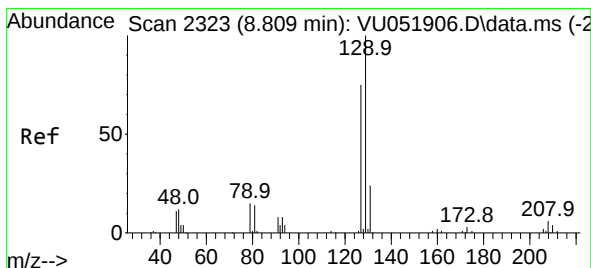
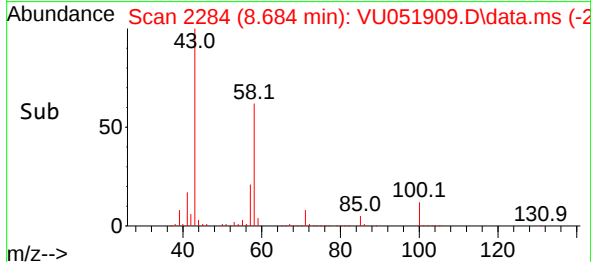
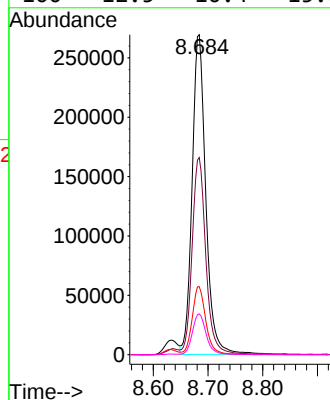
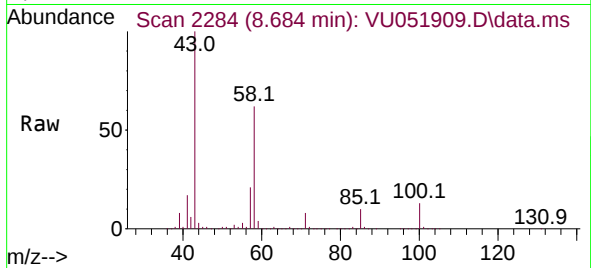


#48
2-Hexanone
Concen: 57.867 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Instrument :
MSVOA_U
ClientSampleId :
VICV073

Tgt Ion: 43 Resp: 467685

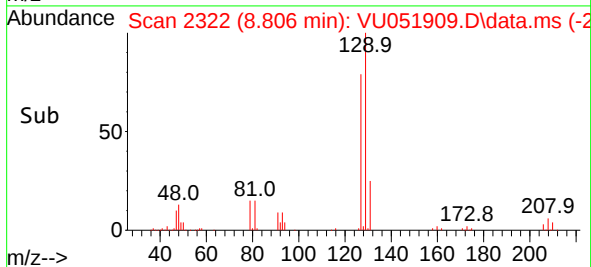
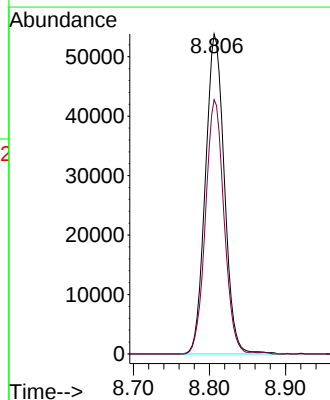
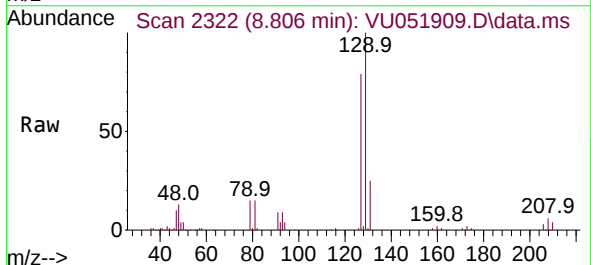
Ion	Ratio	Lower	Upper
43	100		
58	61.5	49.4	74.0
57	21.2	16.3	24.5
100	12.5	10.4	15.6

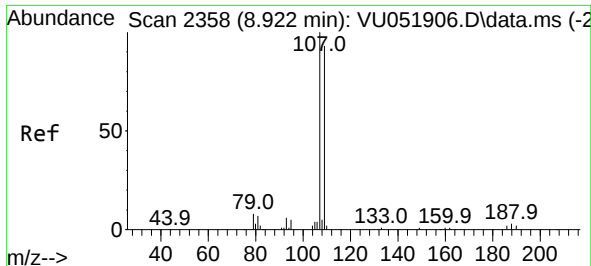


#49
Dibromochloromethane
Concen: 5.240 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 129 Resp: 93077

Ion	Ratio	Lower	Upper
129	100		
127	79.5	52.8	98.2





#50

1,2-Dibromoethane

Concen: 5.474 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

VICV073

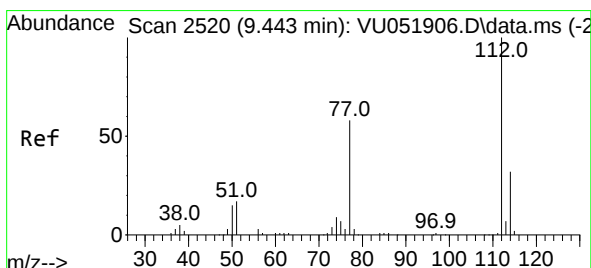
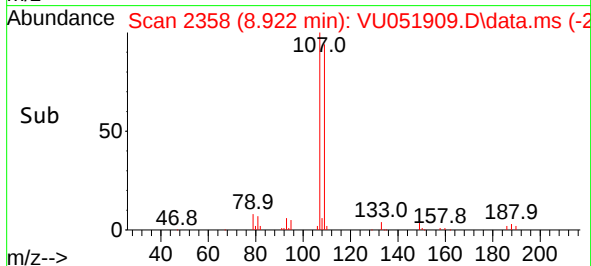
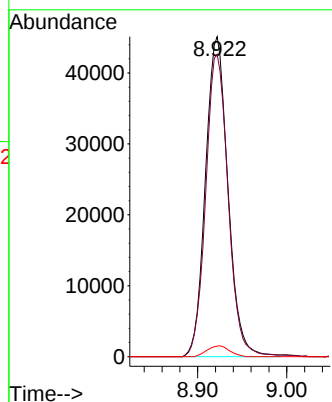
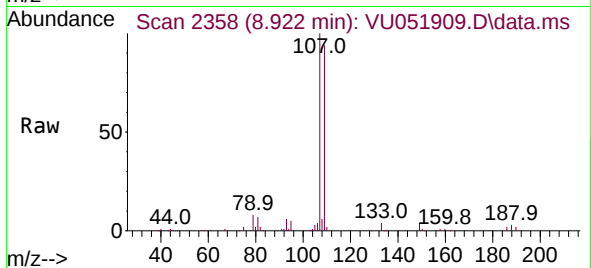
Tgt Ion:107 Resp: 79078

Ion Ratio Lower Upper

107 100

109 94.5 64.9 120.5

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 5.302 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

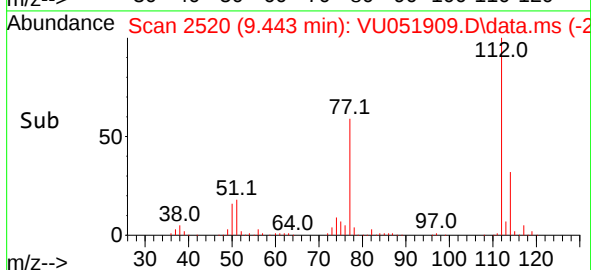
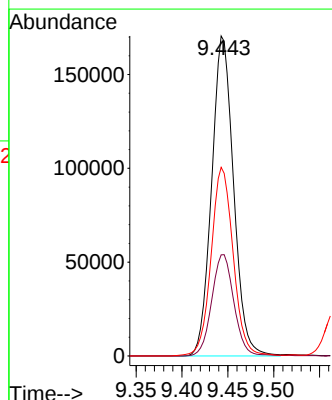
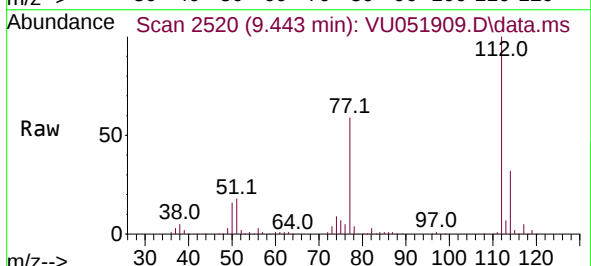
Tgt Ion:112 Resp: 283426

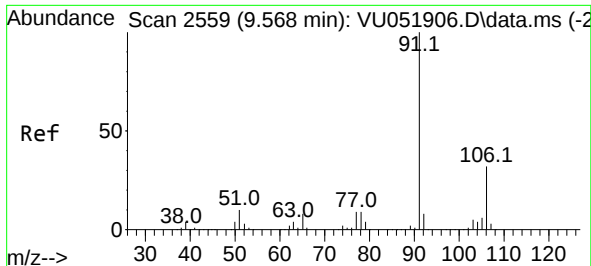
Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 59.0 46.6 70.0

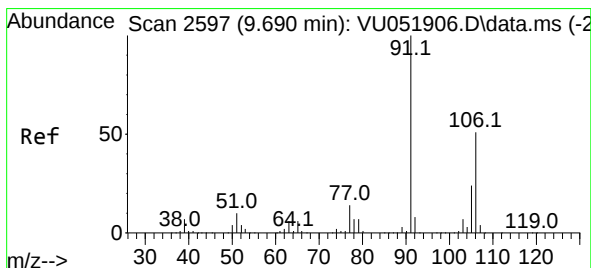
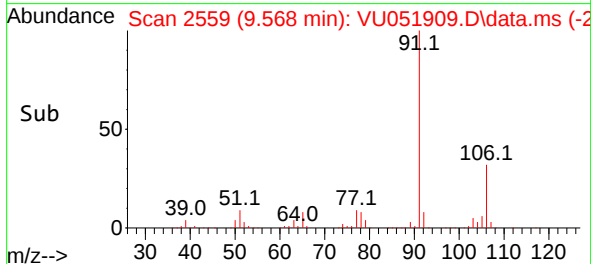
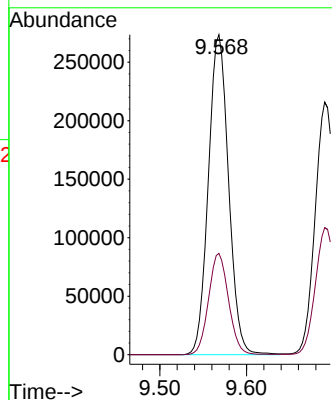
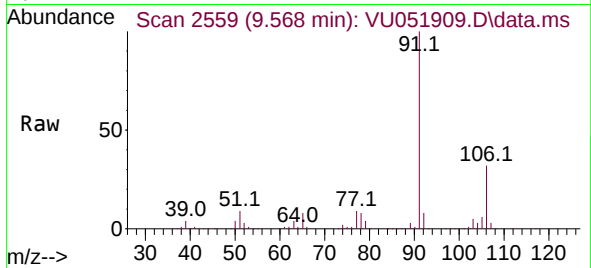




#52
Ethylbenzene
Concen: 5.445 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

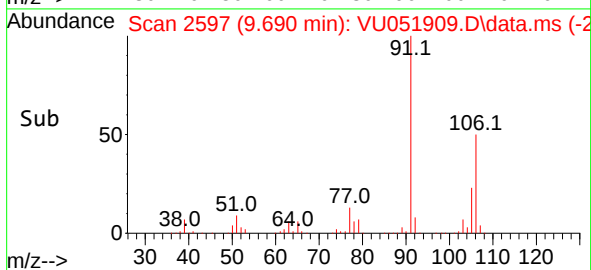
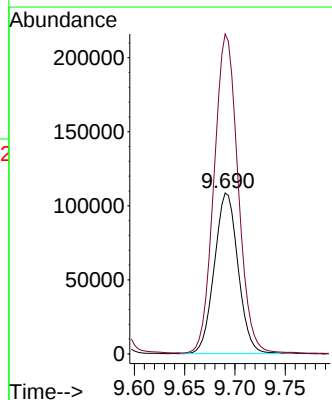
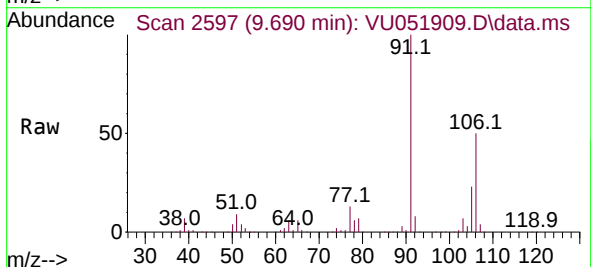
Instrument :
MSVOA_U
ClientSampleId :
VICV073

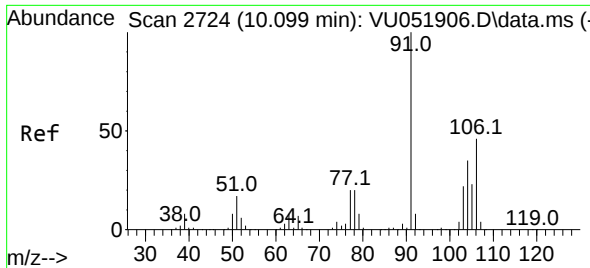
Tgt Ion: 91 Resp: 443859
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 5.629 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 106 Resp: 177685
Ion Ratio Lower Upper
106 100
91 198.8 137.7 255.7

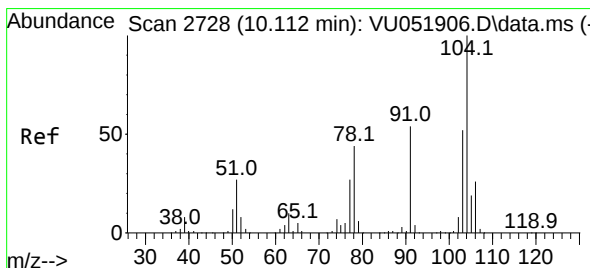
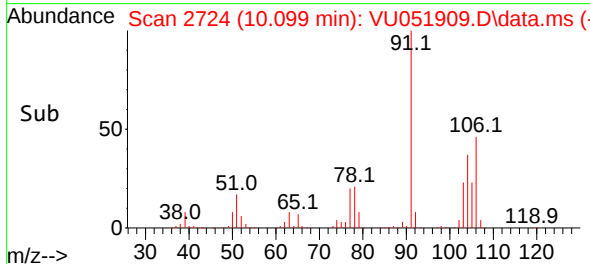
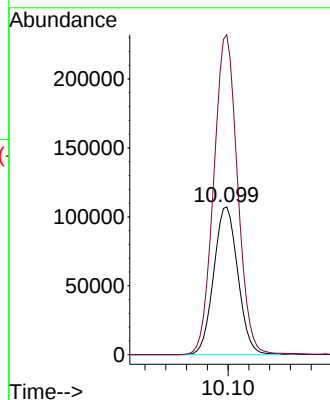
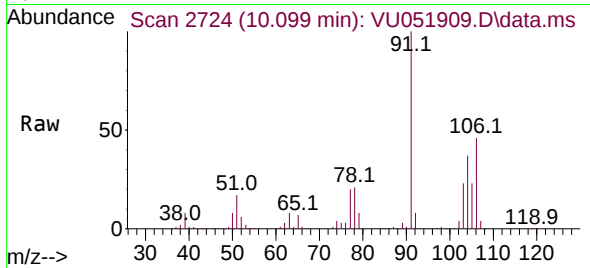




#54
o-Xylene
Concen: 5.718 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

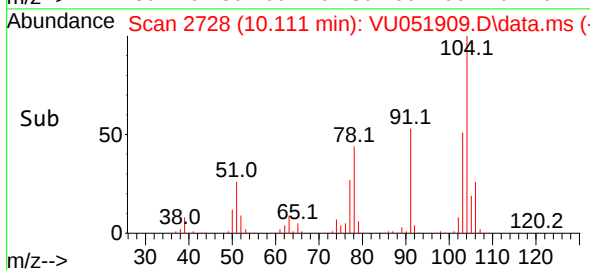
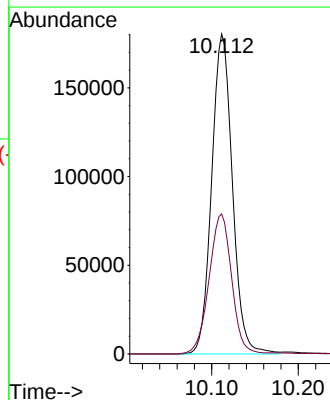
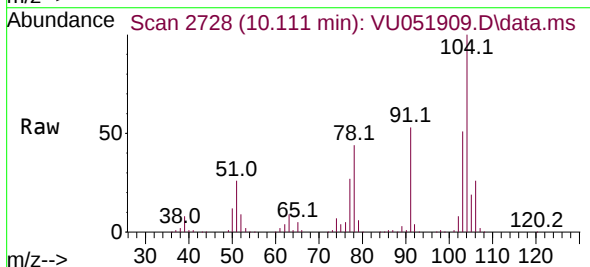
Instrument :
MSVOA_U
ClientSampleId :
VICV073

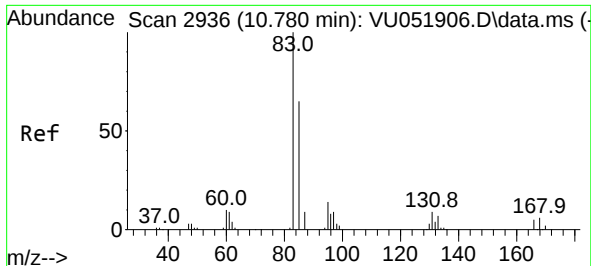
Tgt Ion:106 Resp: 172998
Ion Ratio Lower Upper
106 100
91 216.5 151.5 281.5



#55
Styrene
Concen: 5.866 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion:104 Resp: 299714
Ion Ratio Lower Upper
104 100
78 43.8 30.6 56.8

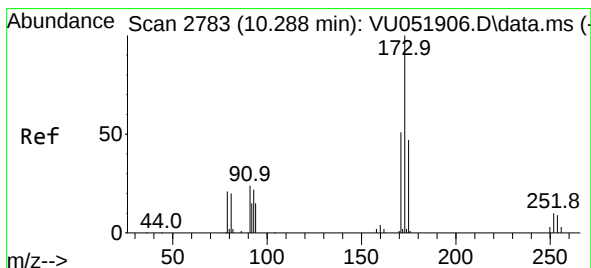
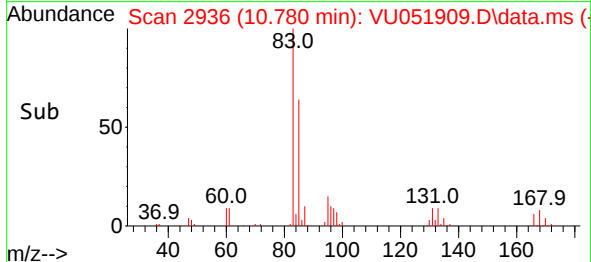
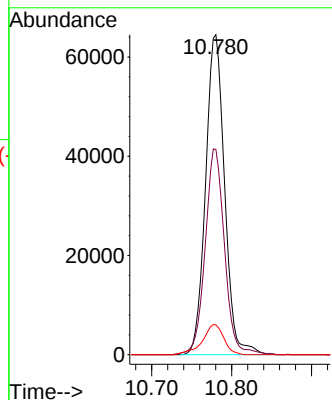
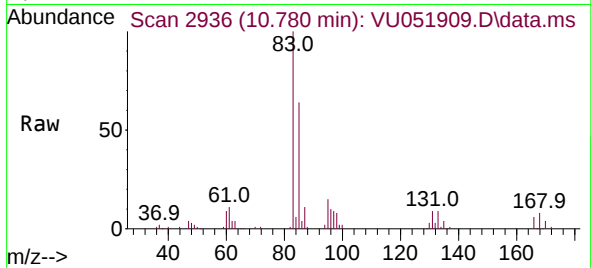




#57
1,1,2,2-Tetrachloroethane
Concen: 5.403 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

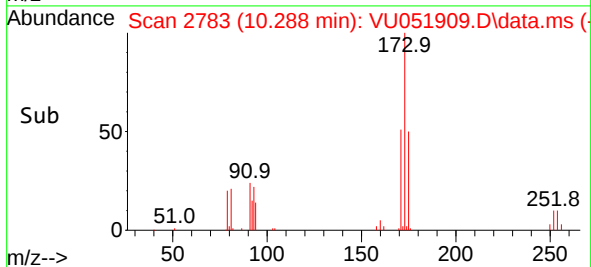
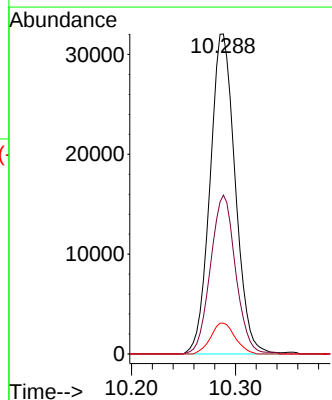
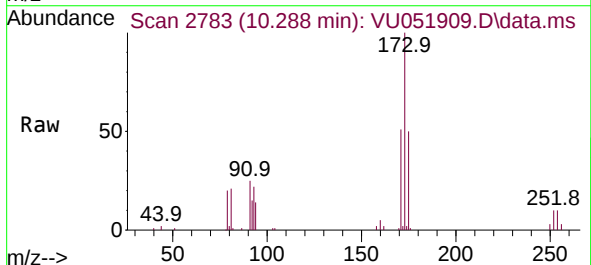
Instrument :
MSVOA_U
ClientSampleId :
VICV073

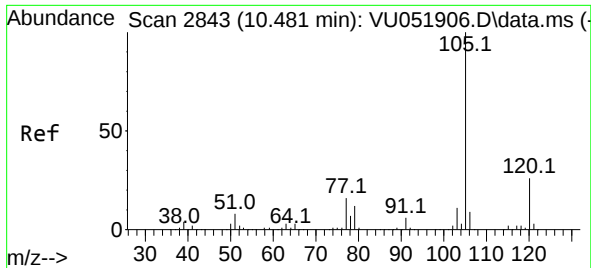
Tgt Ion: 83 Resp: 107018
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9
131 9.3 7.6 11.4



#59
Bromoform
Concen: 5.411 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion:173 Resp: 53921
Ion Ratio Lower Upper
173 100
175 49.5 37.2 55.8
254 9.4 7.0 10.6

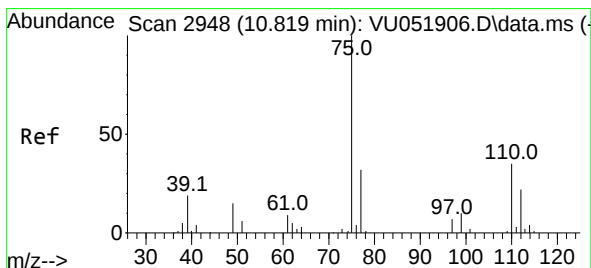
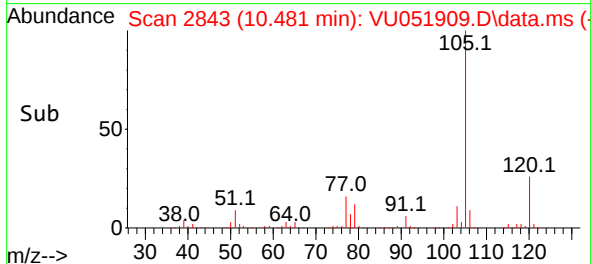
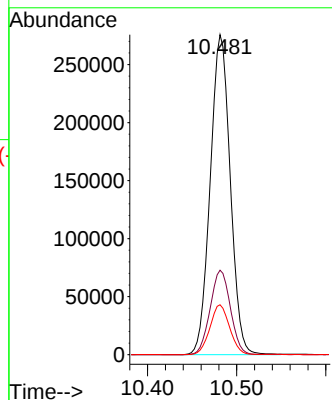
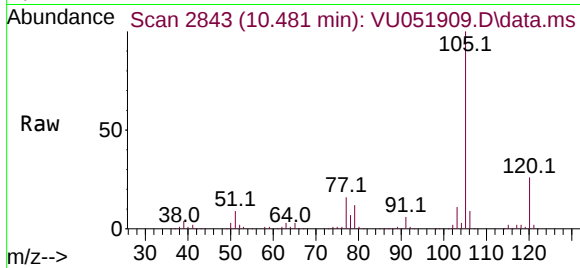




#60
Isopropylbenzene
Concen: 5.662 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

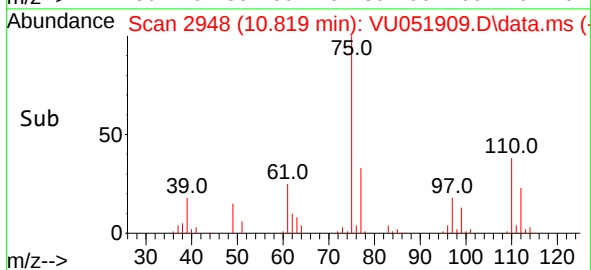
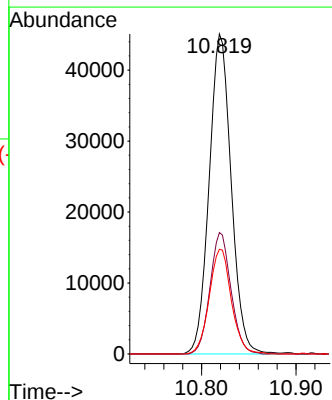
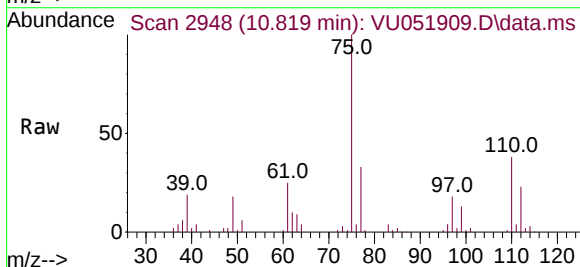
Instrument :
MSVOA_U
ClientSampleId :
VICV073

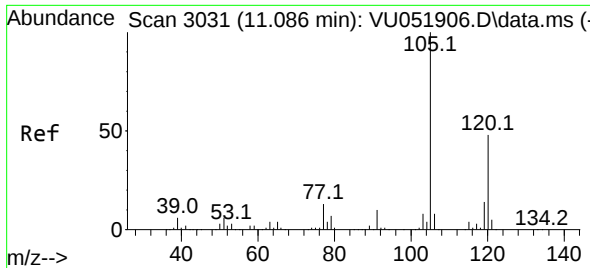
Tgt Ion:105 Resp: 430281
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6
77 15.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.267 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion: 75 Resp: 72925
Ion Ratio Lower Upper
75 100
110 36.1 28.3 42.5
77 32.8 26.2 39.2

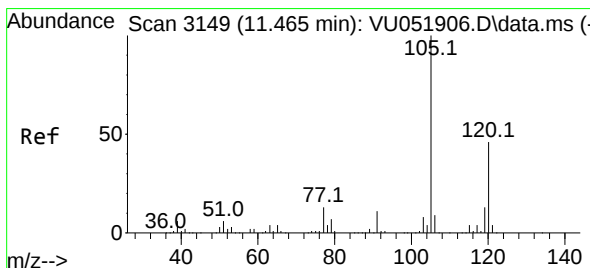
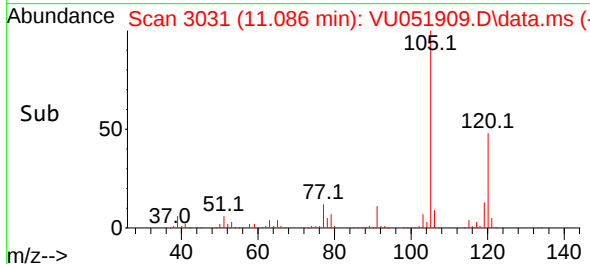
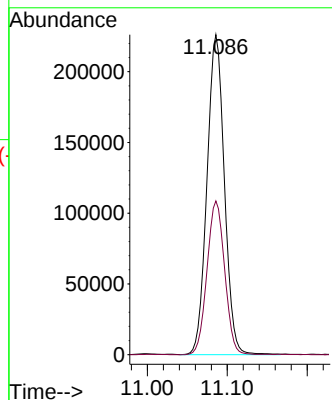
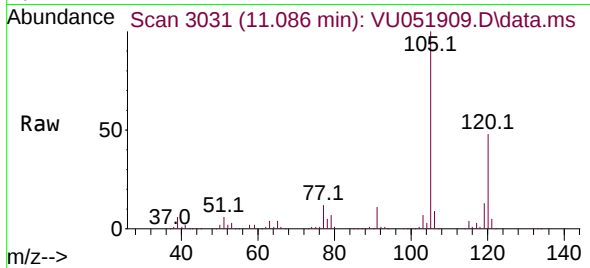




#62
 1,3,5-Trimethylbenzene
 Concen: 5.647 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051909.D
 Acq: 18 Nov 2022 17:11

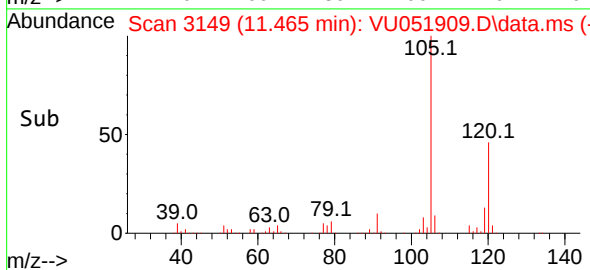
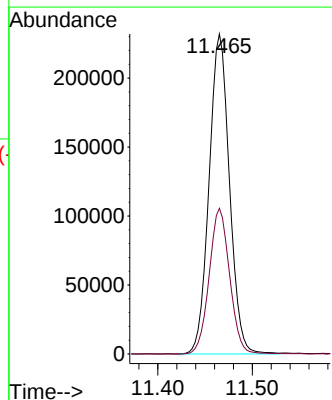
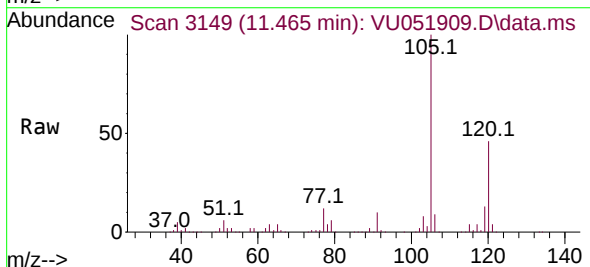
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV073

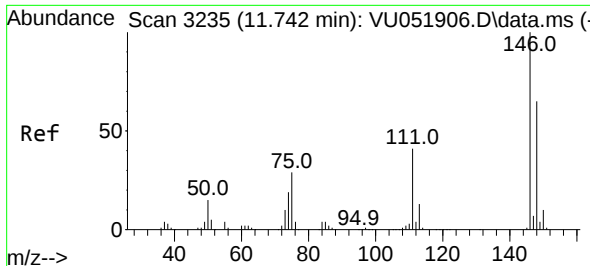
Tgt Ion:105 Resp: 343060
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.762 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051909.D
 Acq: 18 Nov 2022 17:11

Tgt Ion:105 Resp: 347457
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.6 55.0

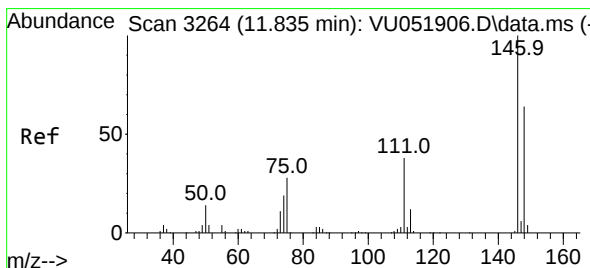
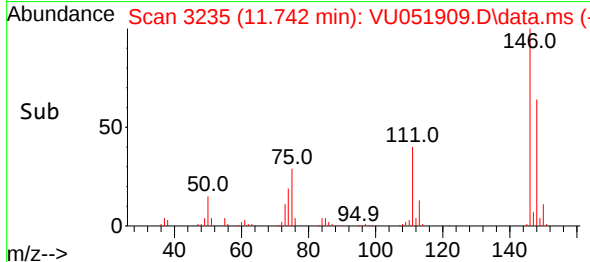
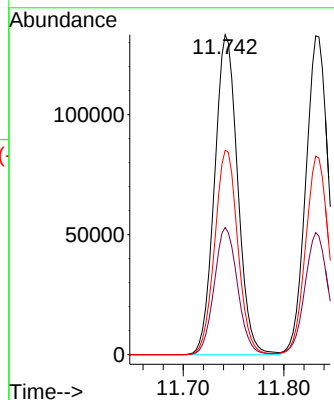
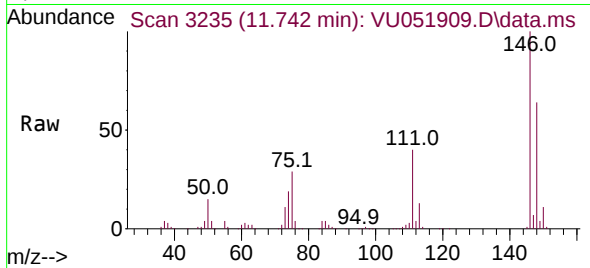




#64
1,3-Dichlorobenzene
Concen: 5.497 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

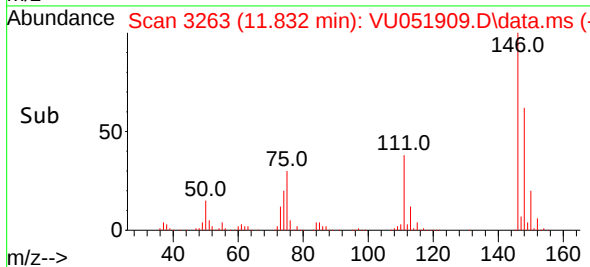
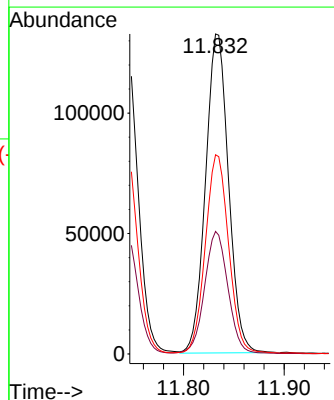
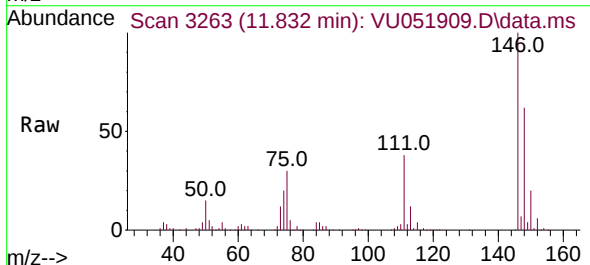
Instrument :
MSVOA_U
ClientSampleId :
VICV073

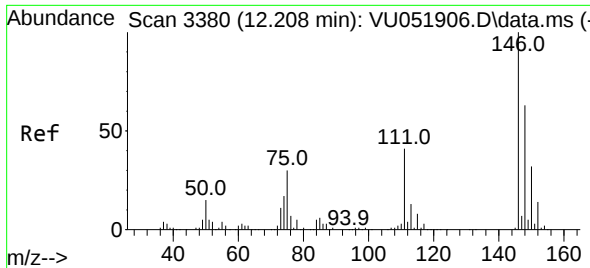
Tgt Ion:146 Resp: 213316
Ion Ratio Lower Upper
146 100
111 39.8 28.6 53.2
148 63.9 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 5.433 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion:146 Resp: 210265
Ion Ratio Lower Upper
146 100
111 38.3 26.9 50.1
148 62.2 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.459 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

VICV073

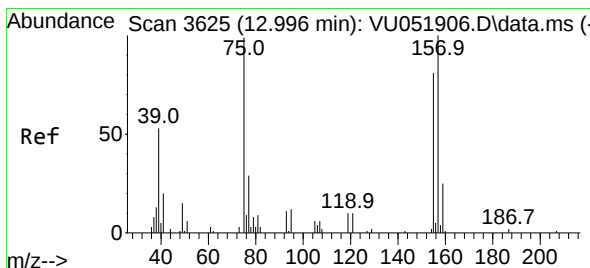
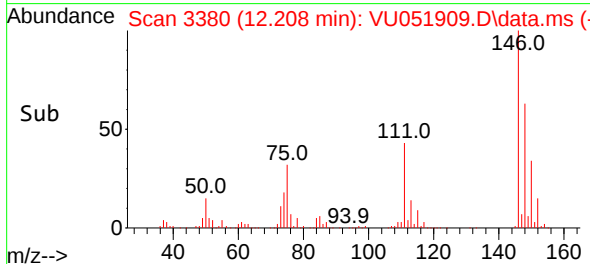
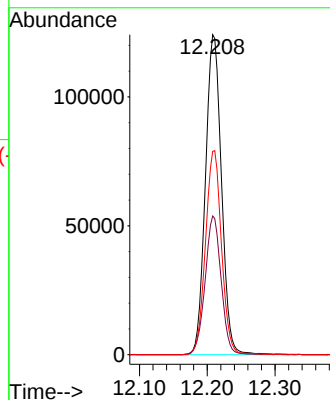
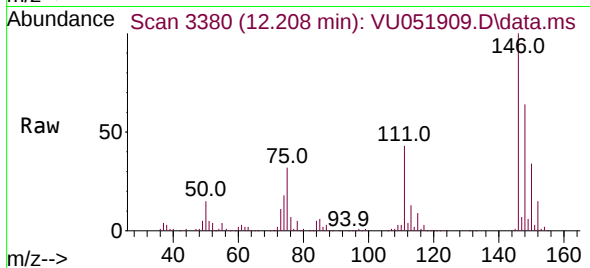
Tgt Ion:146 Resp: 203986

Ion Ratio Lower Upper

146 100

111 43.4 32.7 49.1

148 63.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.057 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

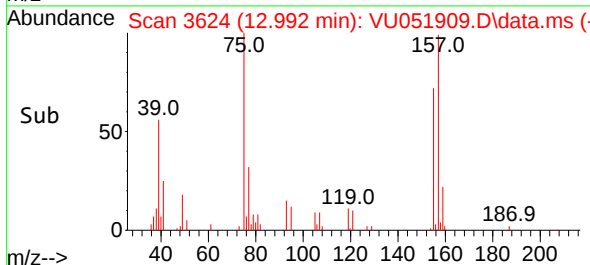
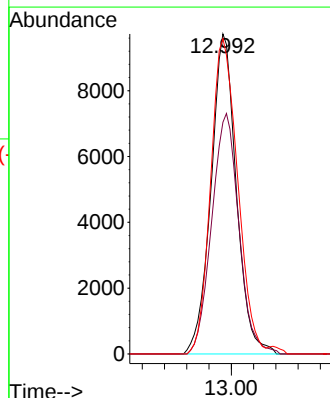
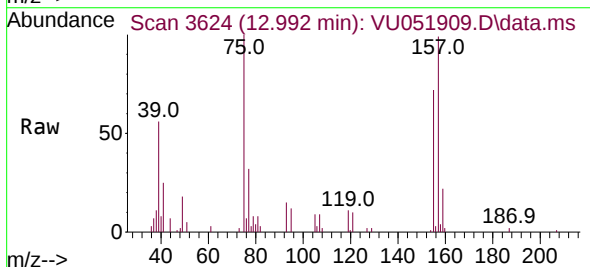
Tgt Ion: 75 Resp: 15324

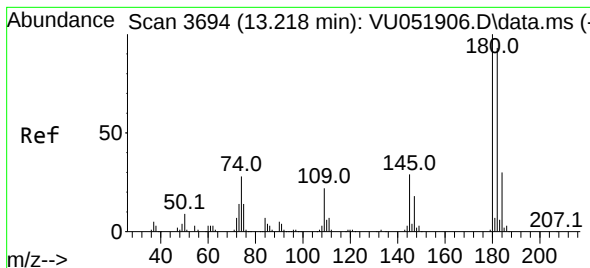
Ion Ratio Lower Upper

75 100

155 72.4 65.4 98.2

157 98.6 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 5.256 ug/L

RT: 13.217 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

VICV073

Tgt Ion:180 Resp: 144624

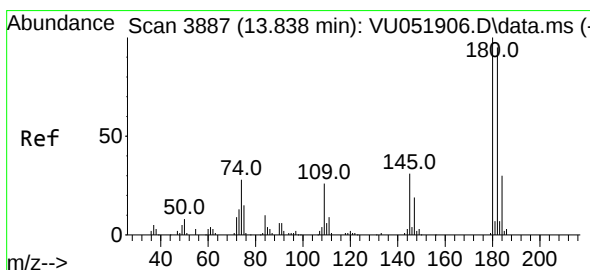
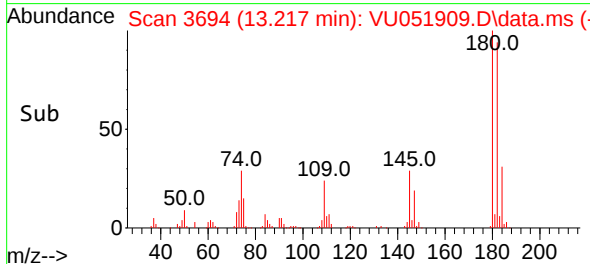
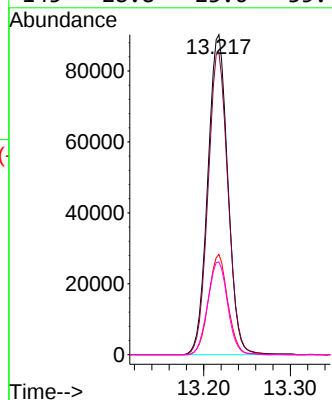
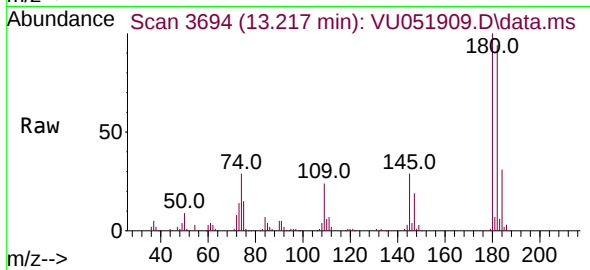
Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

184 30.3 24.3 36.5

145 28.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 5.238 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051909.D

Acq: 18 Nov 2022 17:11

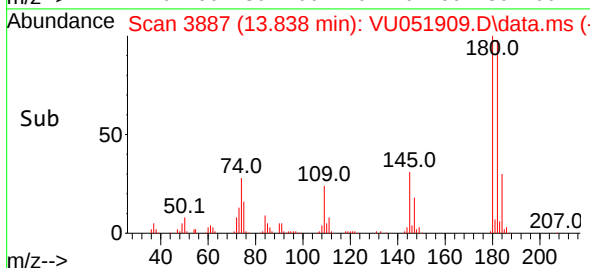
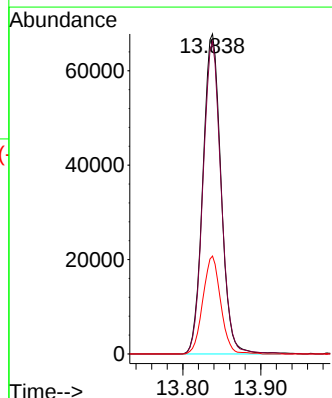
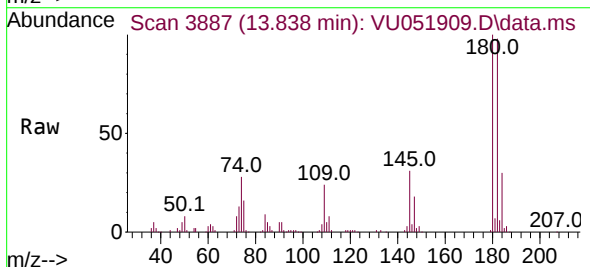
Tgt Ion:180 Resp: 109749

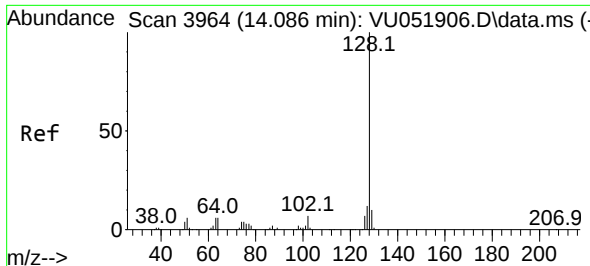
Ion Ratio Lower Upper

180 100

182 96.9 76.3 114.5

145 30.0 24.6 36.8

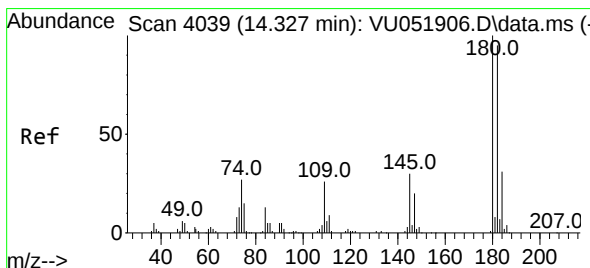
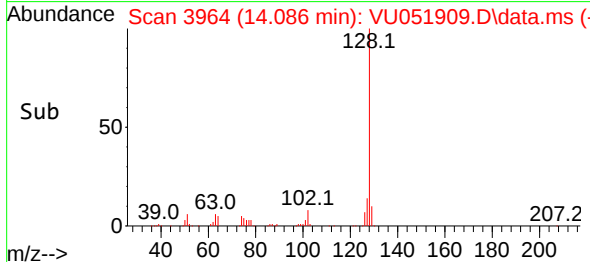
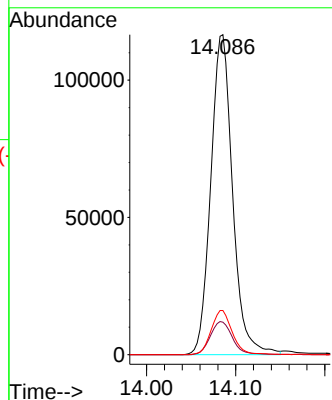
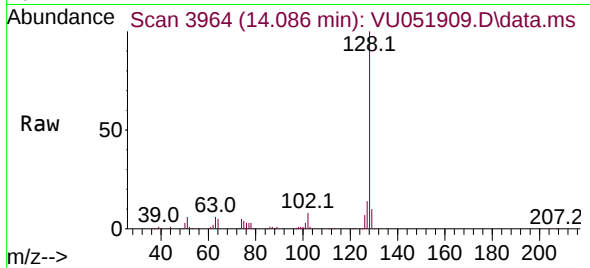




#71
Naphthalene
Concen: 5.034 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Instrument :
MSVOA_U
ClientSampleId :
VICV073

Tgt Ion:128 Resp: 198022
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.314 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051909.D
Acq: 18 Nov 2022 17:11

Tgt Ion:180 Resp: 109555
Ion Ratio Lower Upper
180 100
182 95.6 75.7 113.5
145 32.0 24.5 36.7

