

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057183.D
 Acq On : 22 Dec 2023 11:21
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 13:03:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158382	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82664	5.199	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.000%		
7) Chloroethane-d5	1.914	69	63720	4.868	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.400%		
11) 1,1-Dichloroethene-d2	2.563	65	33290	4.832	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 96.600%		
20) 2-Butanone-d5	4.624	46	136703	54.757	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.520%		
24) Chloroform-d	5.055	84	156688	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
26) 1,2-Dichloroethane-d4	5.695	65	71599	4.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.800%		
32) Benzene-d6	5.721	84	276388	5.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
36) 1,2-Dichloropropane-d6	6.682	67	80850	5.230	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.600%		
41) Toluene-d8	7.891	98	254685	5.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.800%		
43) trans-1,3-Dichloroprop...	8.171	79	31992	4.972	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.400%		
46) 2-Hexanone-d5	8.628	63	121545	55.475	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.960%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60846	5.531	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	85850	4.863	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 97.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	79020	5.080	ug/L	99
3) Chloromethane	1.518	50	73473	5.389	ug/L	100
5) Vinyl chloride	1.602	62	79053	5.436	ug/L	99
6) Bromomethane	1.856	94	36663	5.765	ug/L	96
8) Chloroethane	1.933	64	46350	5.020	ug/L	96
9) Trichlorofluoromethane	2.136	101	129523	4.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	69166	4.999	ug/L	97
12) 1,1-Dichloroethene	2.580	96	60163	4.837	ug/L	87
13) Acetone	2.641	43	75864	50.541	ug/L	96
14) Carbon disulfide	2.789	76	168496	4.306	ug/L	98
15) Methyl Acetate	2.953	43	19699	5.565	ug/L	99
16) Methylene chloride	3.039	84	85869	5.939	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	133722	5.063	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	59761	4.928	ug/L	97
19) 1,1-Dichloroethane	3.862	63	119436	4.962	ug/L	99
21) 2-Butanone	4.705	43	112221	49.056	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	68327	5.115	ug/L	98
23) Bromochloromethane	4.968	128	29357	5.072	ug/L	95
25) Chloroform	5.081	83	134963	4.971	ug/L	99

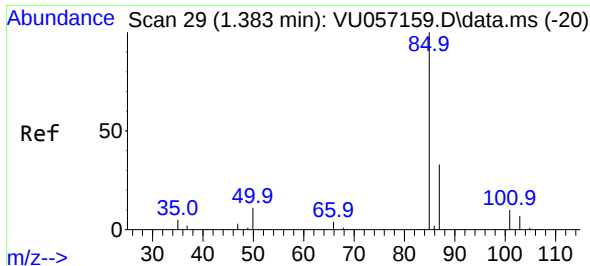
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
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 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	79541	4.966	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	124342	4.940	ug/L	98
30) Cyclohexane	5.383	56	84233	4.950	ug/L	100
31) Carbon tetrachloride	5.518	117	107055	4.835	ug/L	98
33) Benzene	5.769	78	259021	5.159	ug/L	100
34) Trichloroethene	6.534	95	71943	4.900	ug/L	97
35) Methylcyclohexane	6.756	83	92482	4.785	ug/L	99
37) 1,2-Dichloropropane	6.785	63	64579	5.171	ug/L	100
38) Bromodichloromethane	7.097	83	91975	5.090	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	94163	5.012	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	291353	53.662	ug/L	100
42) Toluene	7.965	91	279210	5.247	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	78244	4.880	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	46813	5.433	ug/L	98
47) Tetrachloroethene	8.547	164	53505	5.085	ug/L	96
48) 2-Hexanone	8.679	43	210640	52.731	ug/L	99
49) Dibromochloromethane	8.801	129	56428	5.052	ug/L	100
50) 1,2-Dibromoethane	8.917	107	44645	5.519	ug/L	93
51) Chlorobenzene	9.441	112	185591	5.359	ug/L	97
52) Ethylbenzene	9.563	91	304832	5.084	ug/L	98
53) m,p-Xylene	9.689	106	115068	5.246	ug/L	97
54) o-Xylene	10.094	106	110938	5.242	ug/L	95
55) Styrene	10.110	104	191179	5.477	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	54182	5.215	ug/L #	98
59) Bromoform	10.283	173	33075	5.254	ug/L	98
60) Isopropylbenzene	10.480	105	306770	5.072	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39383	5.152	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	247979	5.003	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	248683	5.085	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	147463	5.158	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	140695	4.889	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	128919	5.042	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8671	5.001	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	104511	4.914	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	77189	4.635	ug/L	100
71) Naphthalene	14.081	128	99260	4.712	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	61727	4.752	ug/L	99

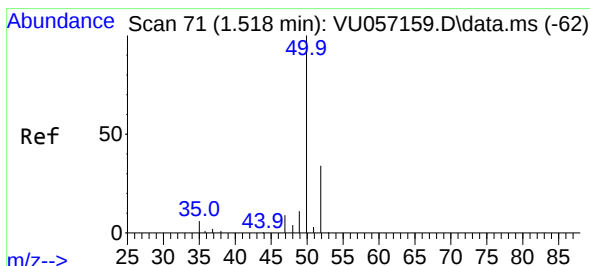
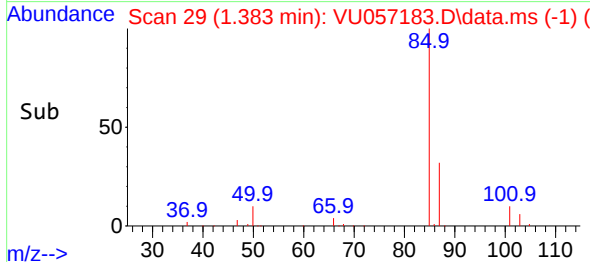
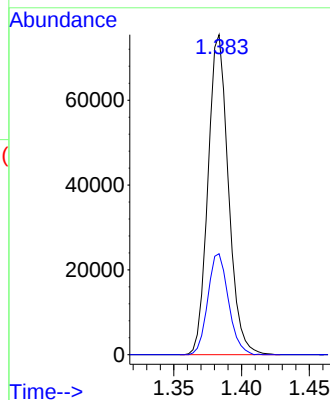
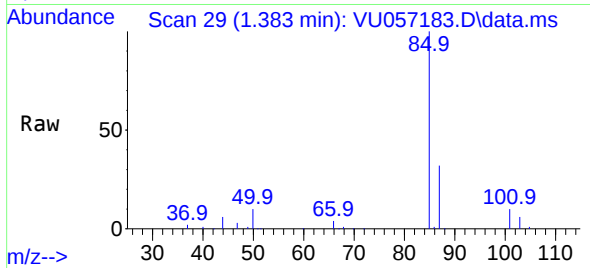
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#2
Dichlorodifluoromethane
Concen: 5.080 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

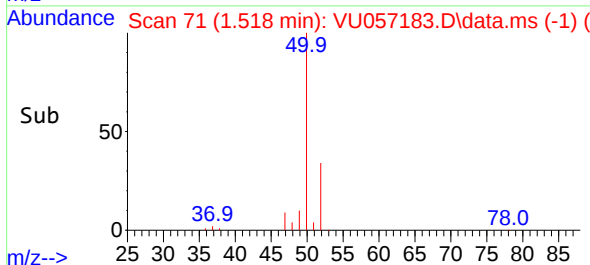
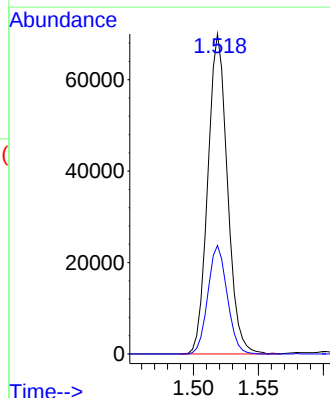
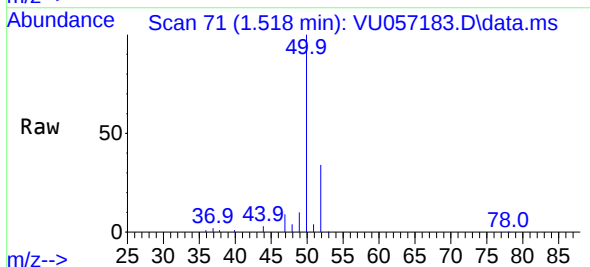
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 79020
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9

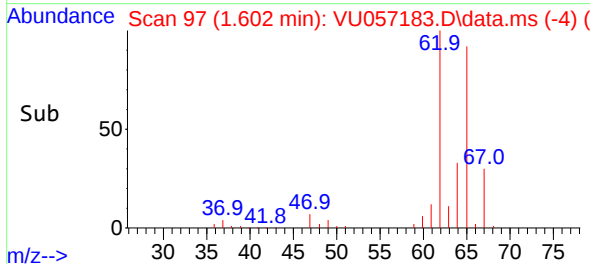
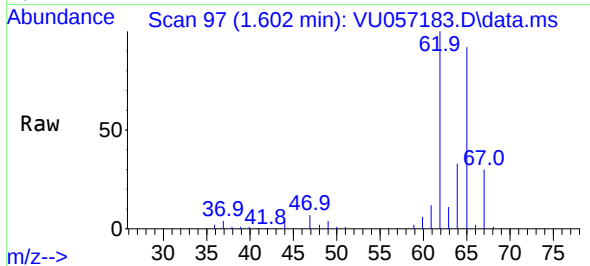
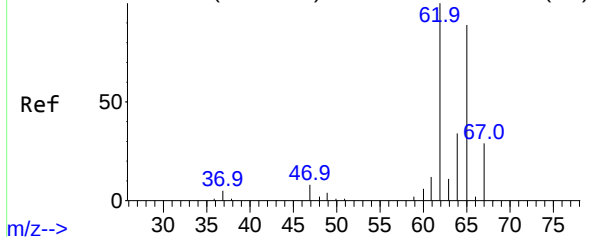


#3
Chloromethane
Concen: 5.389 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 50 Resp: 73473
Ion Ratio Lower Upper
50 100
52 33.9 23.7 44.1



Abundance Scan 97 (1.602 min): VU057159.D\data.ms (-88)



#5

Vinyl chloride

Concen: 5.436 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057183.D

Acq: 22 Dec 2023 11:21

Instrument :

MSVOA_U

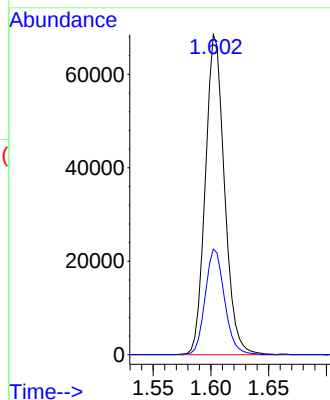
ClientSampleId :

Tgt Ion: 62 Resp: 79053

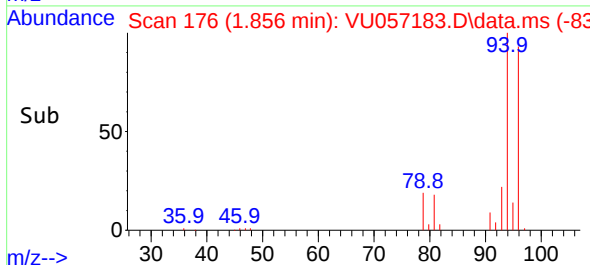
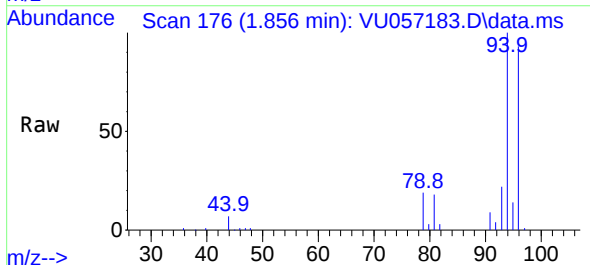
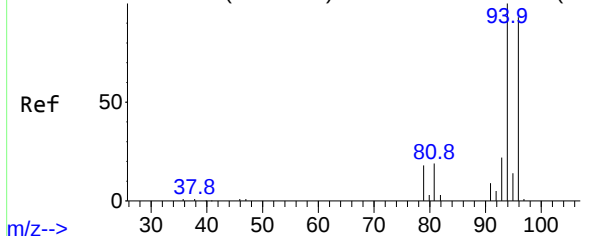
Ion Ratio Lower Upper

62 100

64 33.0 23.3 43.3



Abundance Scan 176 (1.856 min): VU057159.D\data.ms (-16)



#6

Bromomethane

Concen: 5.765 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057183.D

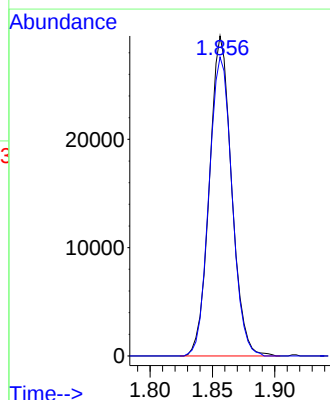
Acq: 22 Dec 2023 11:21

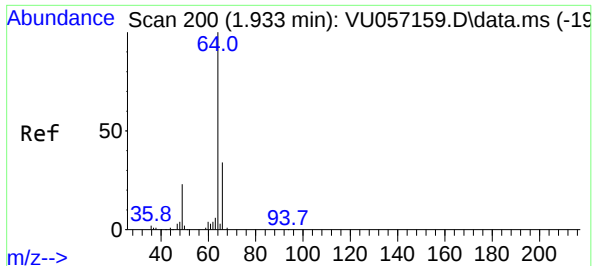
Tgt Ion: 94 Resp: 36663

Ion Ratio Lower Upper

94 100

96 93.4 68.2 126.6

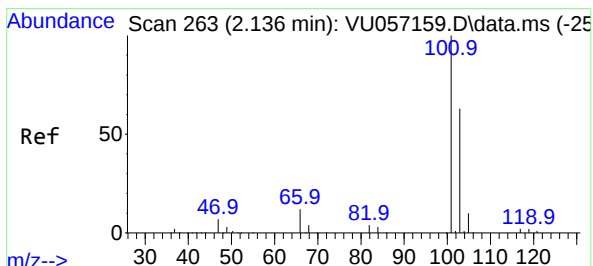
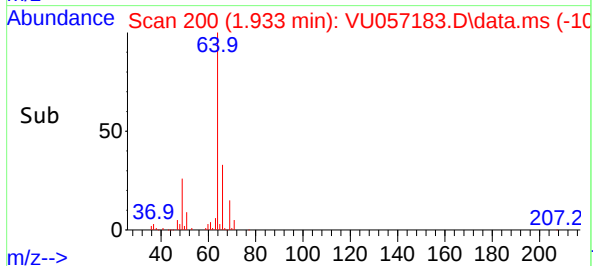
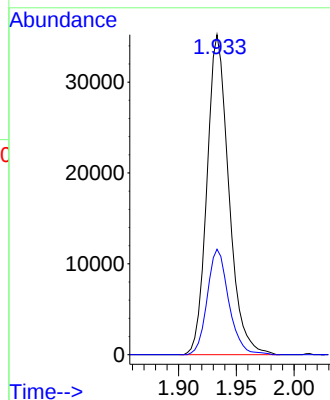
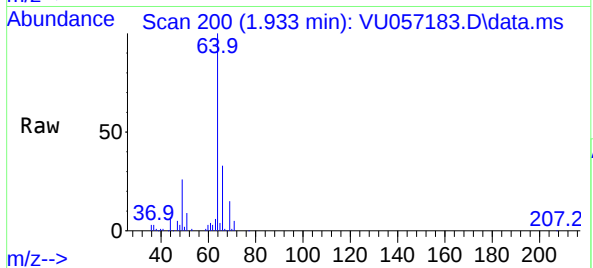




#8
Chloroethane
Concen: 5.020 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

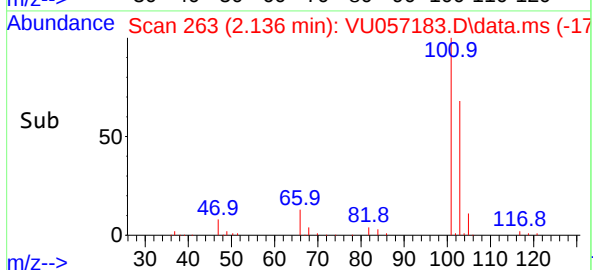
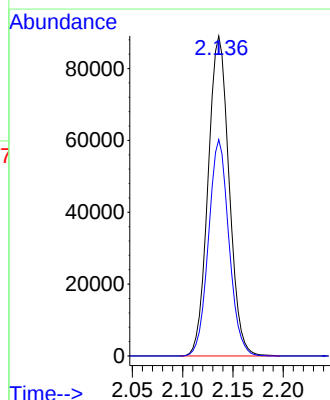
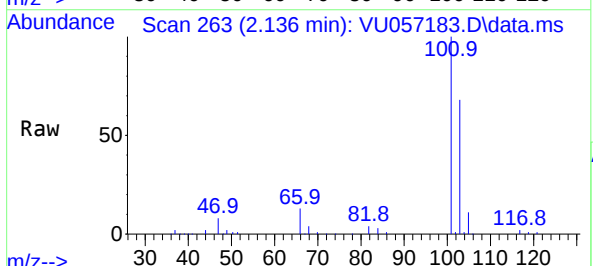
Instrument :
MSVOA_U
ClientSampleId :

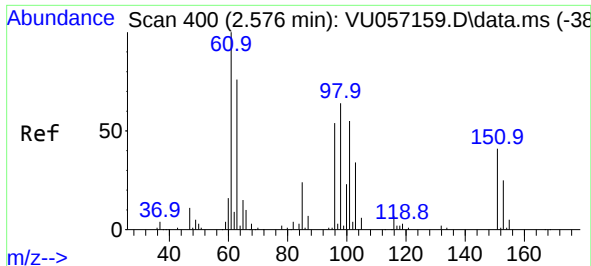
Tgt Ion: 64 Resp: 46350
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.847 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion:101 Resp: 129523
Ion Ratio Lower Upper
101 100
103 65.6 52.1 78.1

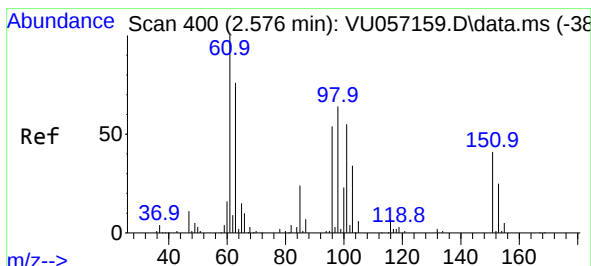
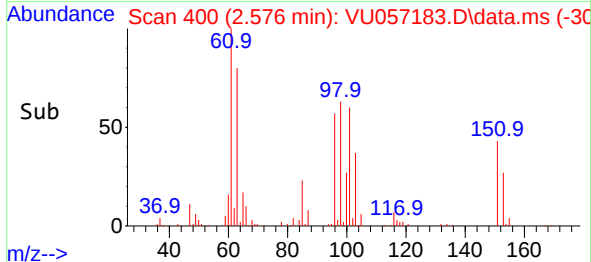
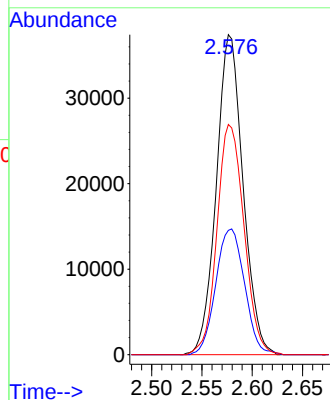
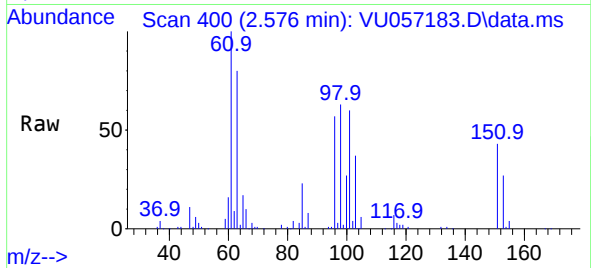




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.999 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057183.D
 Acq: 22 Dec 2023 11:21

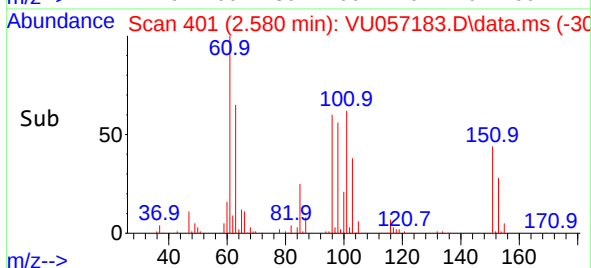
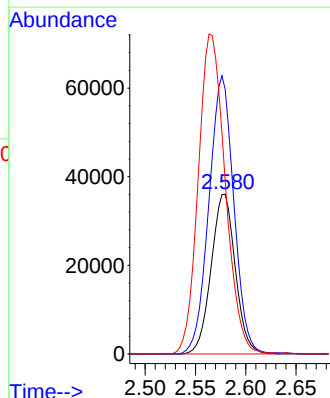
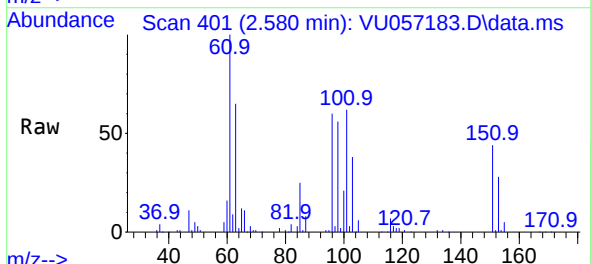
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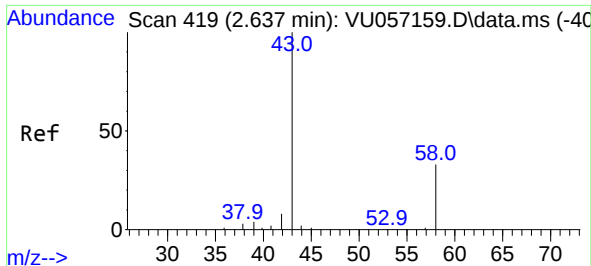
Tgt Ion:101 Resp: 69166
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.6 53.4
 151 72.9 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 4.837 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU057183.D
 Acq: 22 Dec 2023 11:21

Tgt Ion: 96 Resp: 60163
 Ion Ratio Lower Upper
 96 100
 61 165.7 119.6 222.0
 63 108.3 96.2 178.8





#13

Acetone

Concen: 50.541 ug/L

RT: 2.641 min Scan# 419

Delta R.T. 0.003 min

Lab File: VU057183.D

Acq: 22 Dec 2023 11:21

Instrument :

MSVOA_U

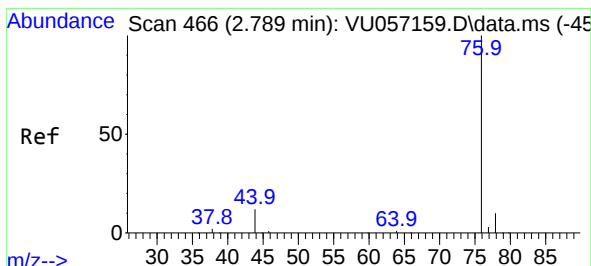
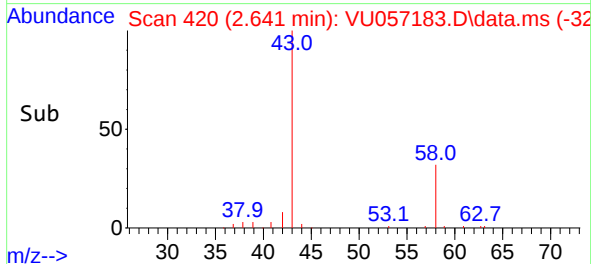
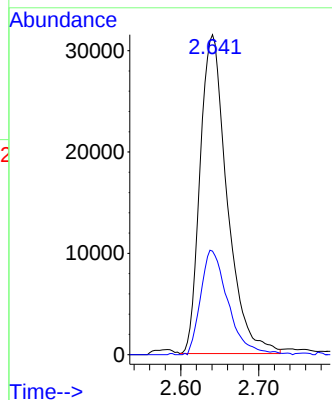
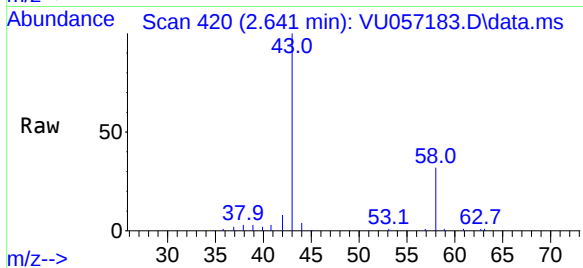
ClientSampleId :

Tgt Ion: 43 Resp: 75864

Ion Ratio Lower Upper

43 100

58 32.9 0.0 70.8



#14

Carbon disulfide

Concen: 4.306 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057183.D

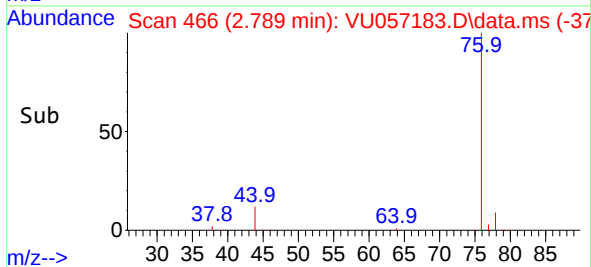
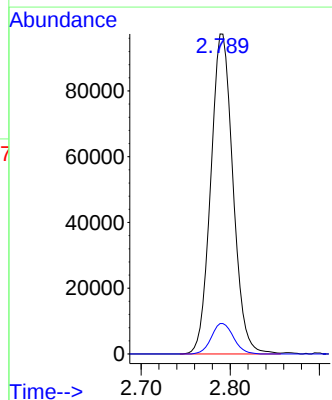
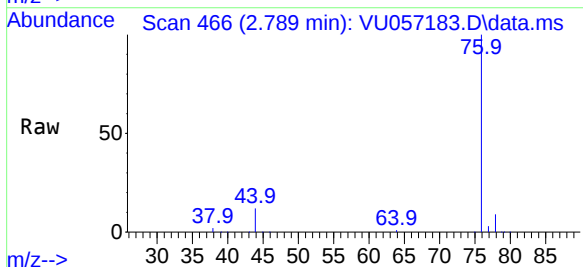
Acq: 22 Dec 2023 11:21

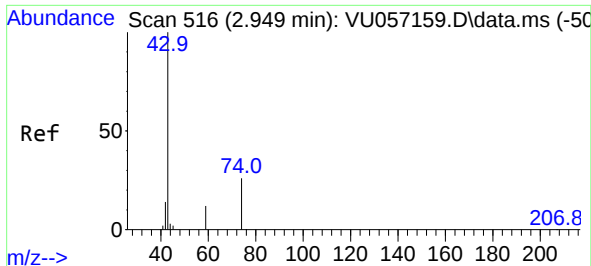
Tgt Ion: 76 Resp: 168496

Ion Ratio Lower Upper

76 100

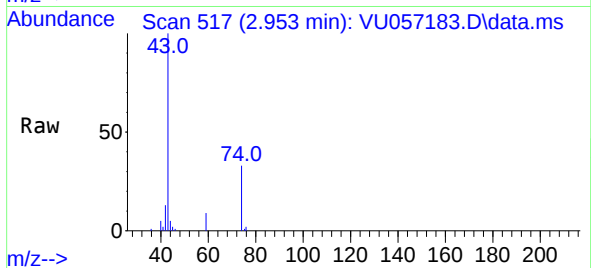
78 9.6 7.1 10.7



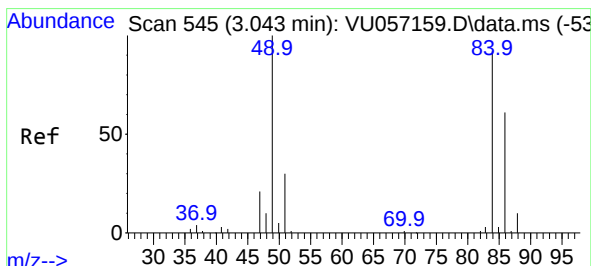
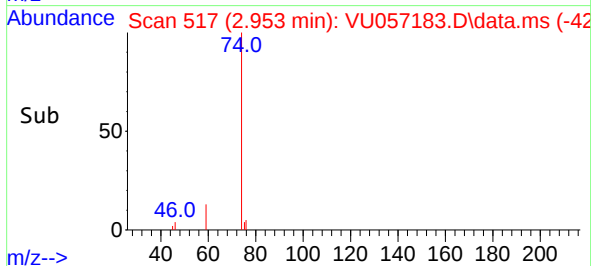
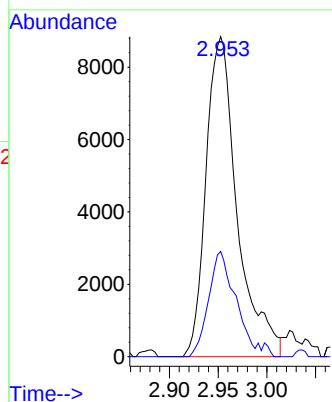


#15
Methyl Acetate
Concen: 5.565 ug/L
RT: 2.953 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

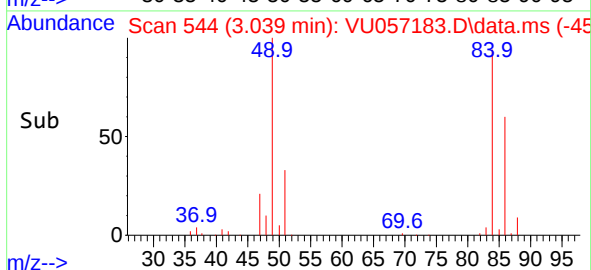
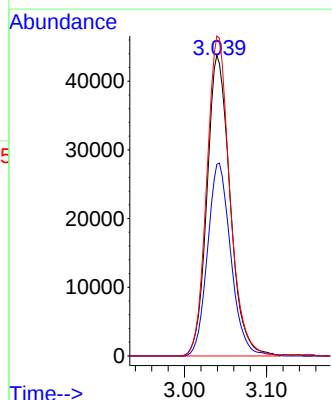
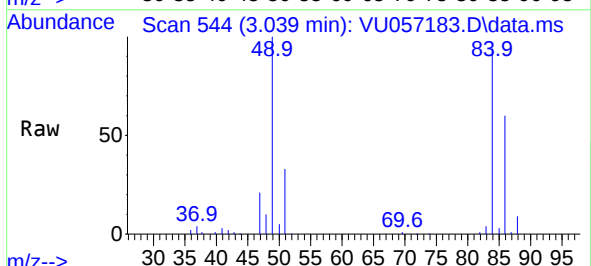


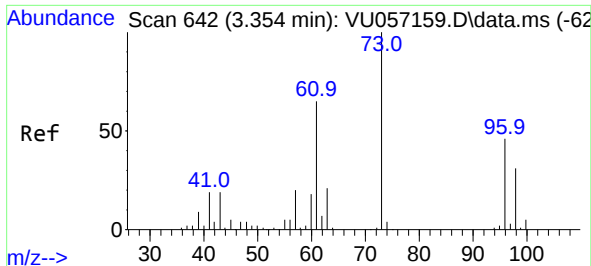
Tgt Ion: 43 Resp: 19699
Ion Ratio Lower Upper
43 100
74 28.1 22.8 34.2



#16
Methylene chloride
Concen: 5.939 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 84 Resp: 85869
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 106.4 76.0 141.2

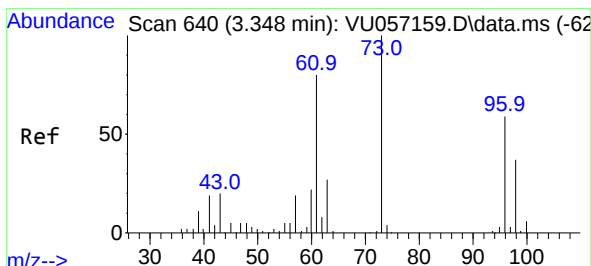
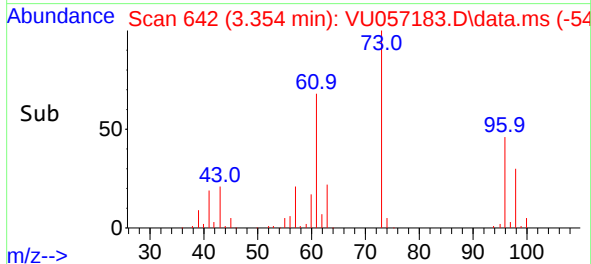
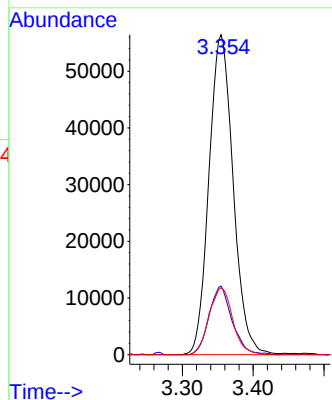
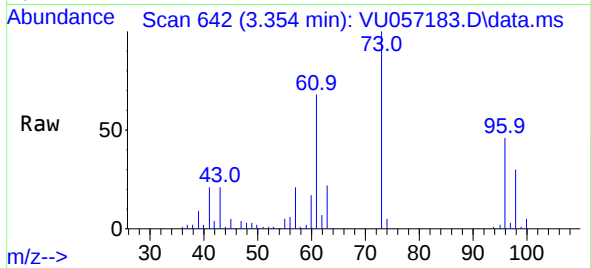




#17
Methyl tert-butyl Ether
Concen: 5.063 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

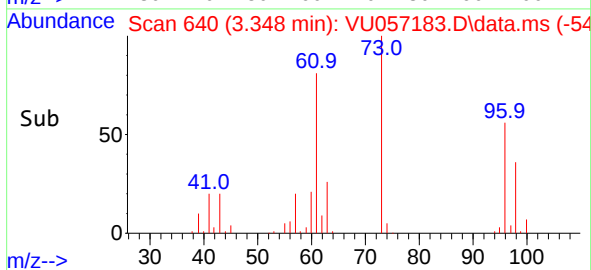
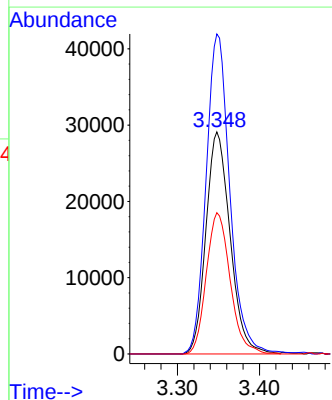
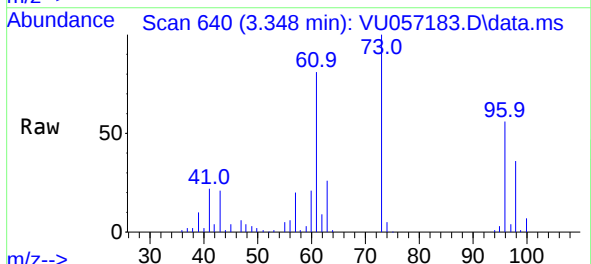
Instrument :
MSVOA_U
ClientSampleId :

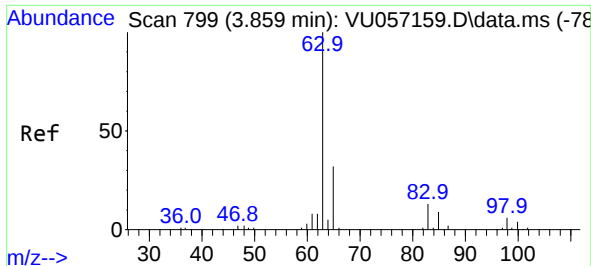
Tgt Ion: 73 Resp: 133722
Ion Ratio Lower Upper
73 100
43 20.4 15.4 23.0
57 20.5 16.2 24.2



#18
trans-1,2-Dichloroethene
Concen: 4.928 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

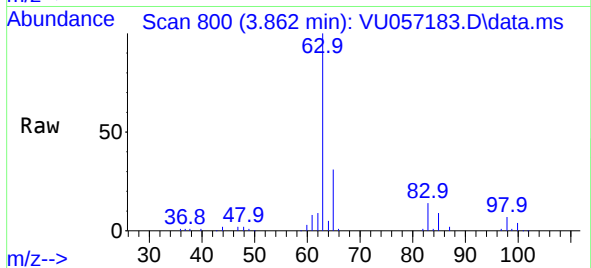
Tgt Ion: 96 Resp: 59761
Ion Ratio Lower Upper
96 100
61 144.1 98.4 182.8
98 63.6 43.6 81.0



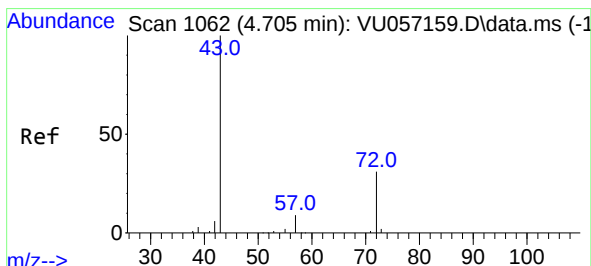
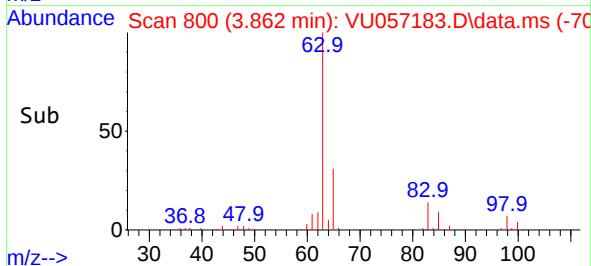
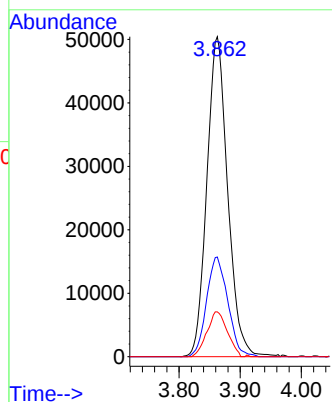


#19
1,1-Dichloroethane
Concen: 4.962 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

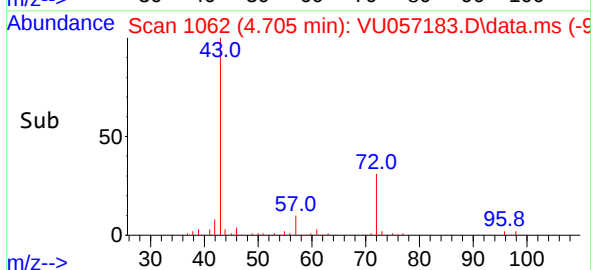
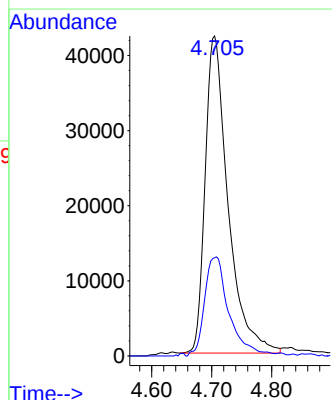
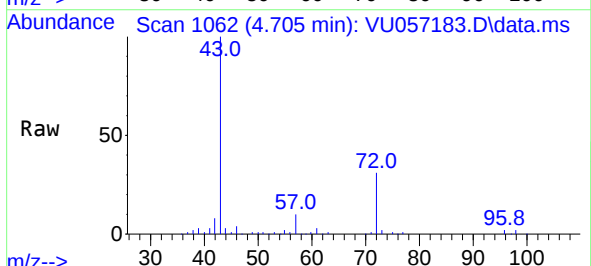


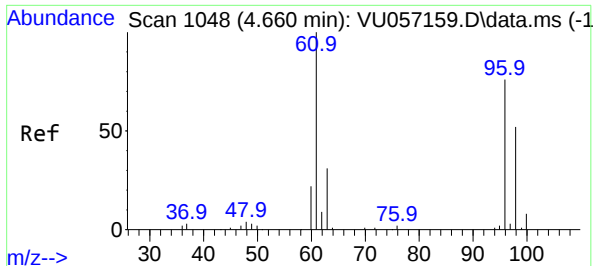
Tgt Ion: 63 Resp: 119436
Ion Ratio Lower Upper
63 100
65 31.1 21.6 40.2
83 14.0 10.2 19.0



#21
2-Butanone
Concen: 49.056 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 43 Resp: 112221
Ion Ratio Lower Upper
43 100
72 33.2 16.3 48.8

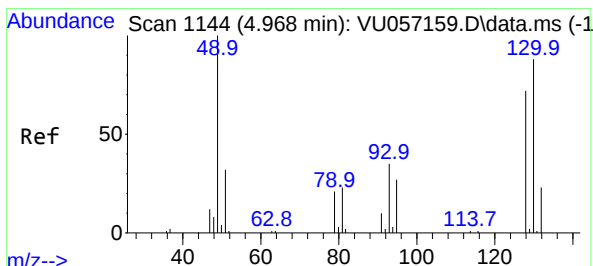
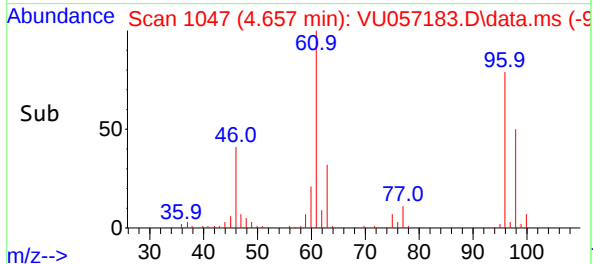
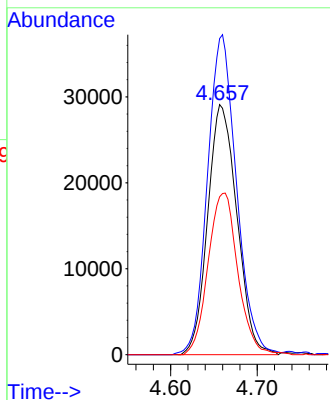
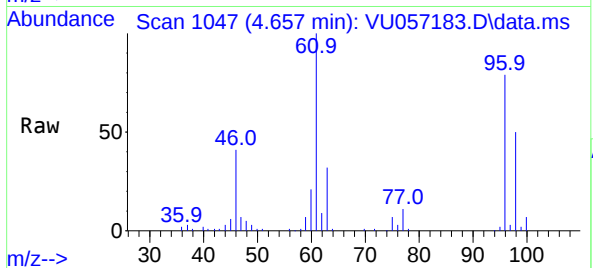




#22
 cis-1,2-Dichloroethene
 Concen: 5.115 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU057183.D
 Acq: 22 Dec 2023 11:21

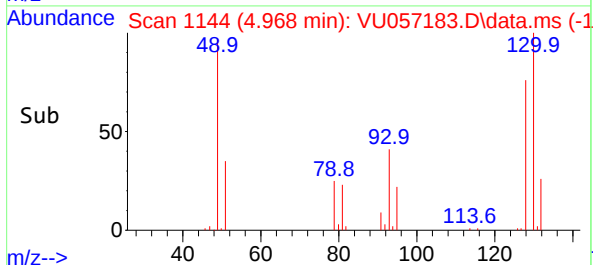
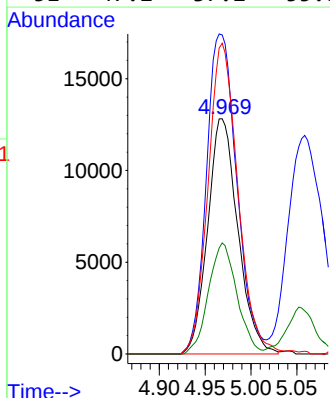
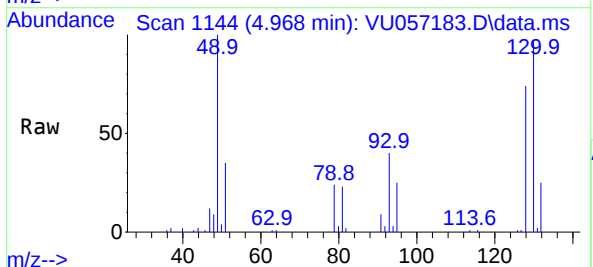
Instrument :
 MSVOA_U
 ClientSampleId :

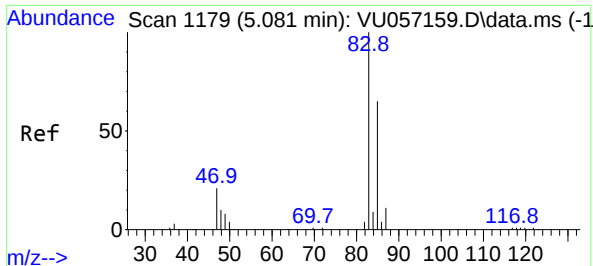
Tgt Ion: 96 Resp: 68327
 Ion Ratio Lower Upper
 96 100
 61 126.4 86.8 161.2
 98 63.1 45.5 84.5



#23
 Bromochloromethane
 Concen: 5.072 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057183.D
 Acq: 22 Dec 2023 11:21

Tgt Ion: 128 Resp: 29357
 Ion Ratio Lower Upper
 128 100
 49 135.7 102.7 190.7
 130 132.1 94.7 175.9
 51 47.2 37.2 55.8

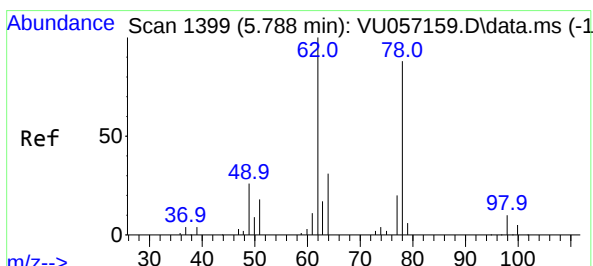
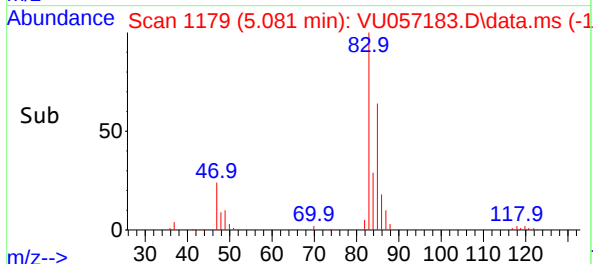
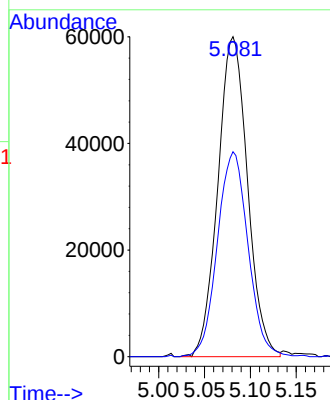
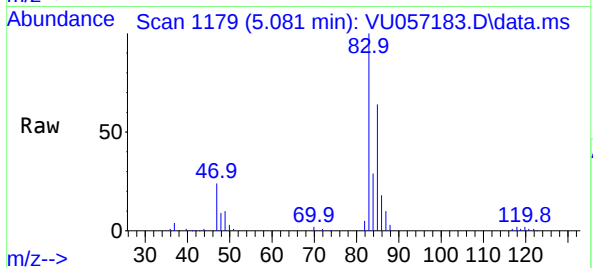




#25
Chloroform
Concen: 4.971 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

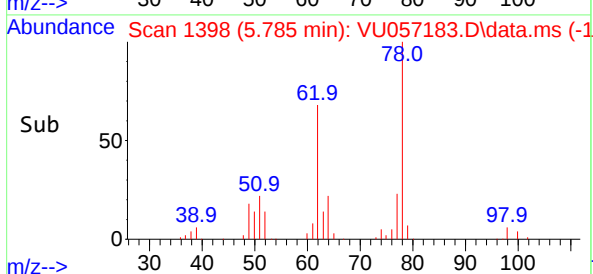
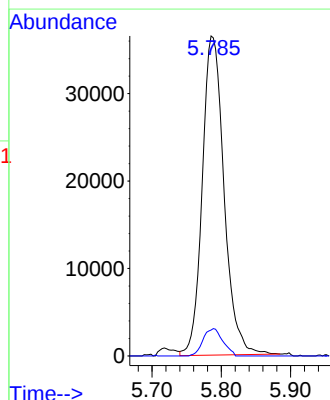
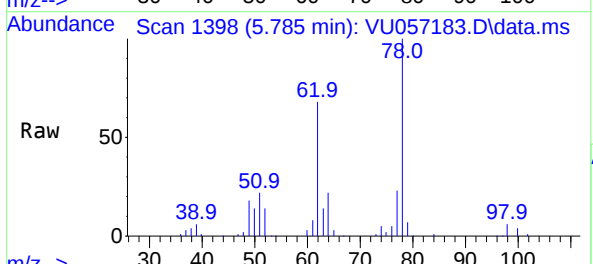
Instrument :
MSVOA_U
ClientSampleId :

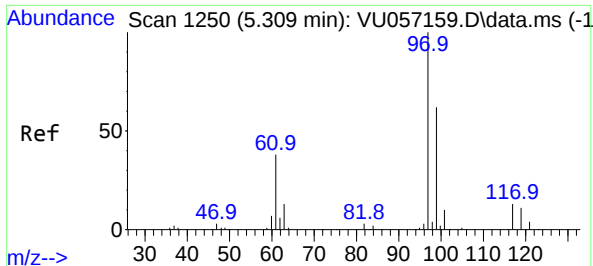
Tgt Ion: 83 Resp: 134963
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.966 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 62 Resp: 79541
Ion Ratio Lower Upper
62 100
98 8.1 6.3 9.5

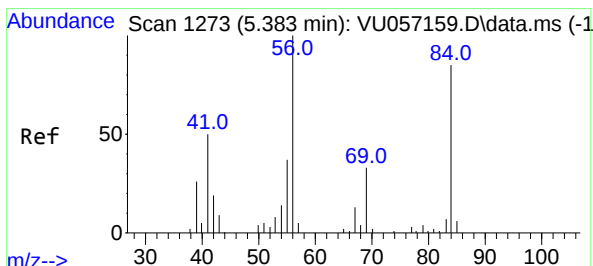
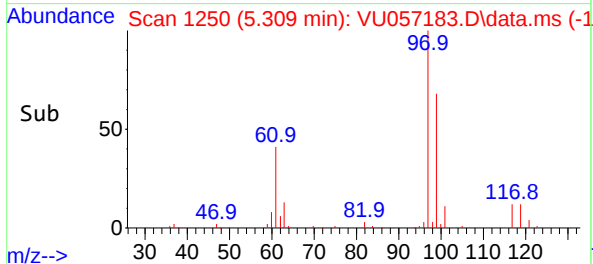
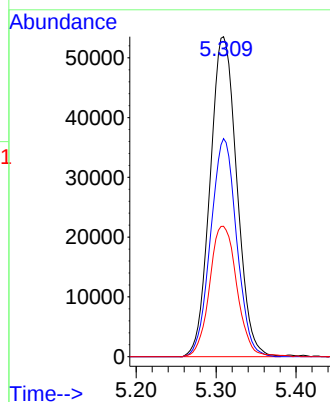
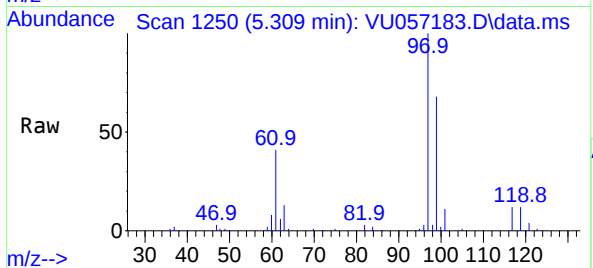




#29
1,1,1-Trichloroethane
Concen: 4.940 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

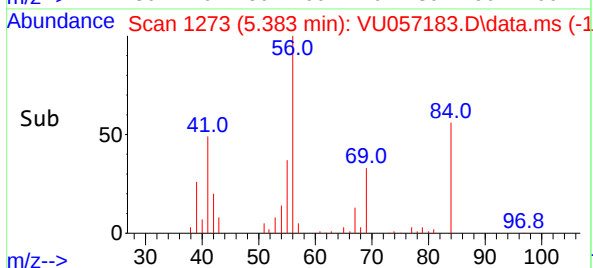
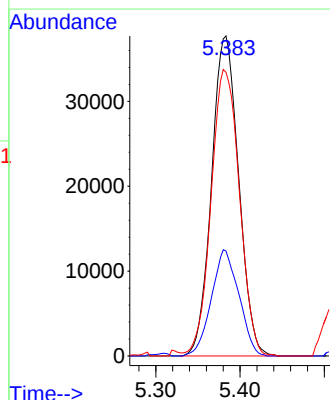
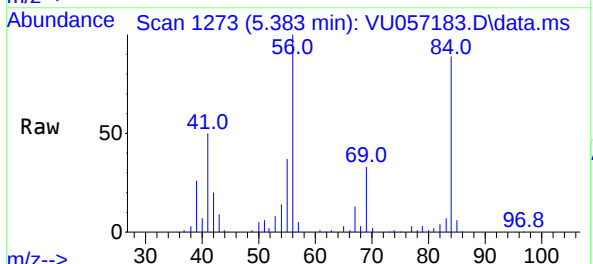
Instrument :
MSVOA_U
ClientSampleId :

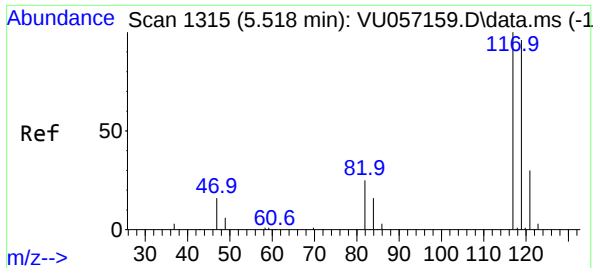
Tgt Ion: 97 Resp: 124342
Ion Ratio Lower Upper
97 100
99 66.3 51.2 76.8
61 41.7 32.5 48.7



#30
Cyclohexane
Concen: 4.950 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 56 Resp: 84233
Ion Ratio Lower Upper
56 100
69 33.7 26.7 40.1
84 93.5 74.9 112.3

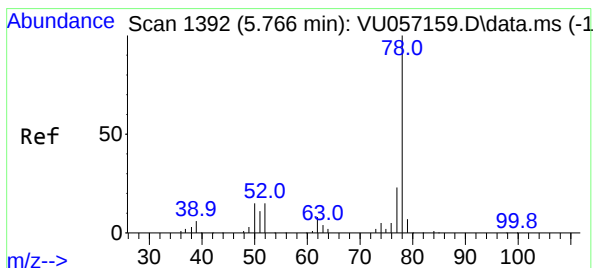
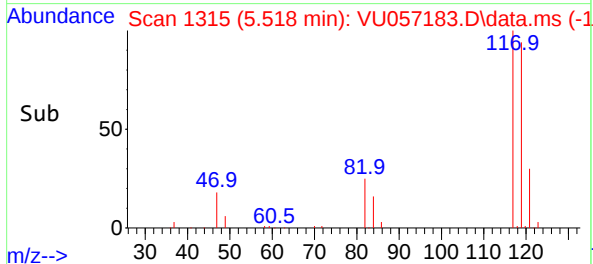
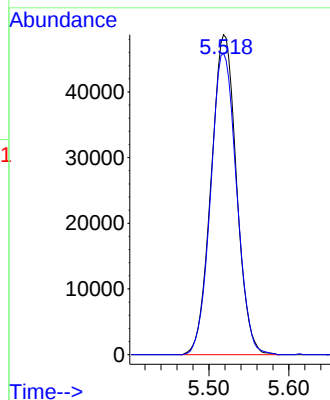
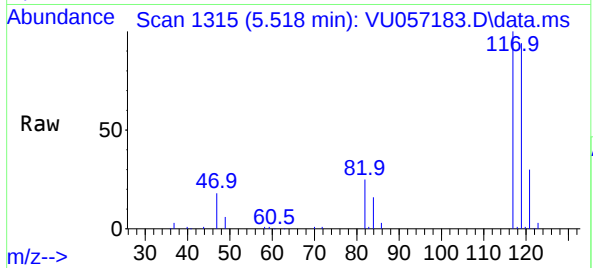




#31
Carbon tetrachloride
Concen: 4.835 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

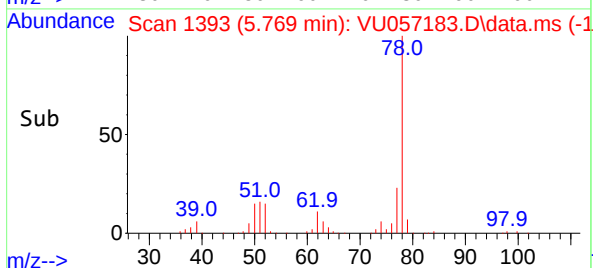
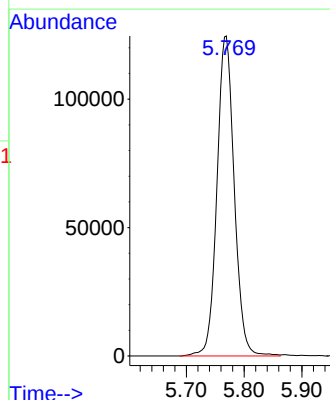
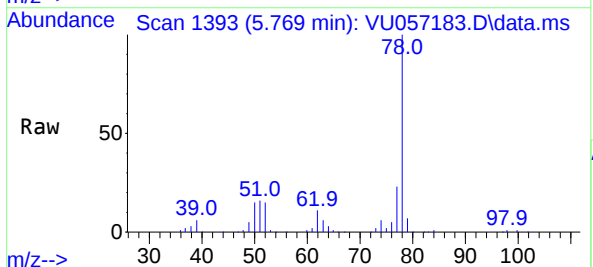
Instrument :
MSVOA_U
ClientSampleId :

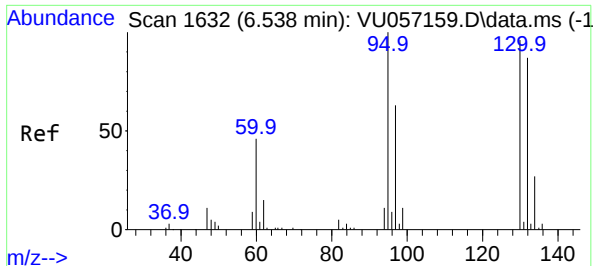
Tgt Ion:117 Resp: 107055
Ion Ratio Lower Upper
117 100
119 96.2 75.1 112.7



#33
Benzene
Concen: 5.159 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 78 Resp: 259021



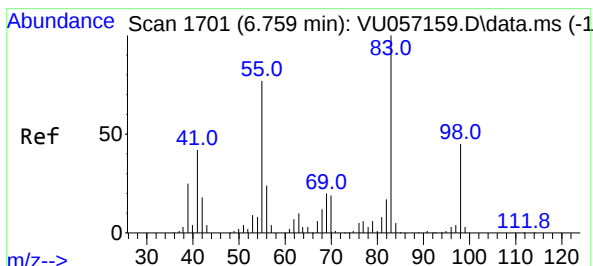
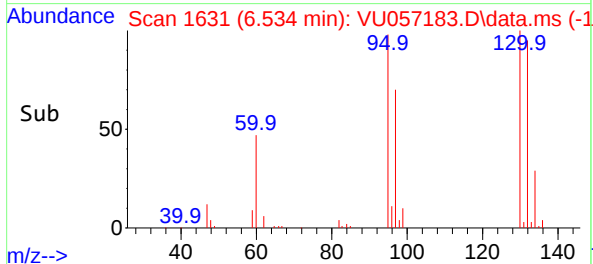
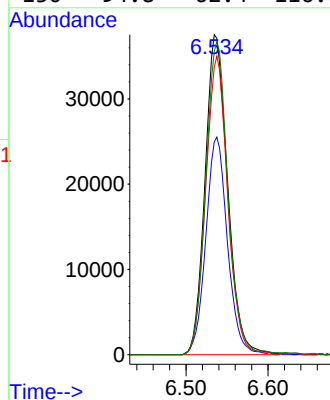
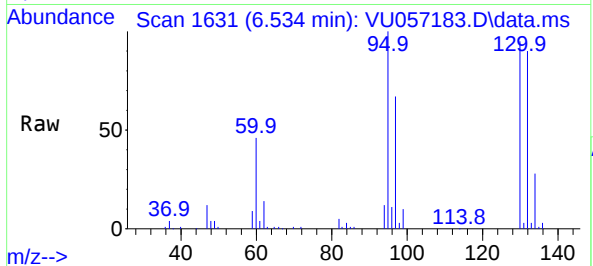


#34
Trichloroethene
Concen: 4.900 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 71943

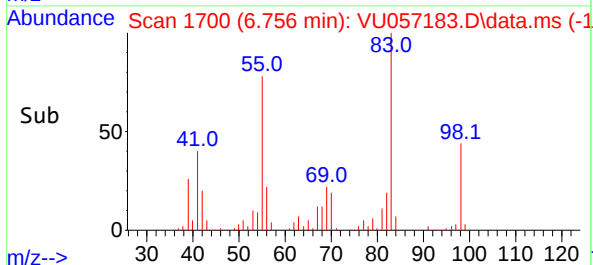
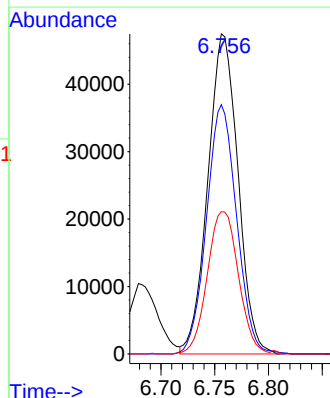
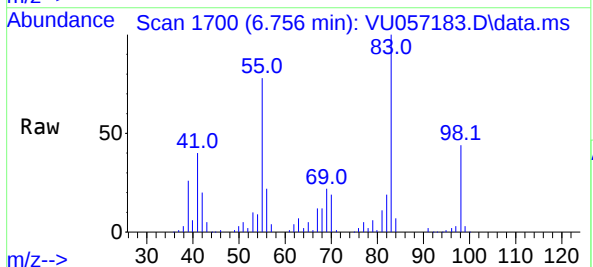
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.3	82.3
132	89.8	62.6	116.2
130	94.8	62.4	116.0

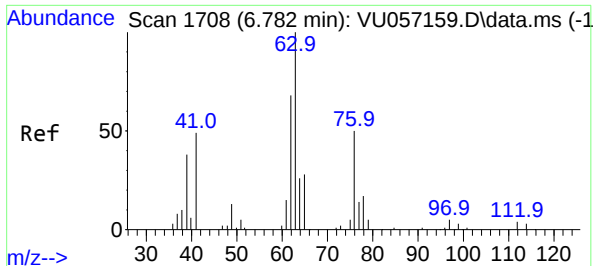


#35
Methylcyclohexane
Concen: 4.785 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 83 Resp: 92482

Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.3	91.9
98	45.9	36.6	55.0

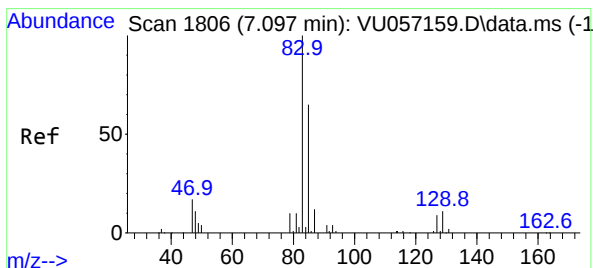
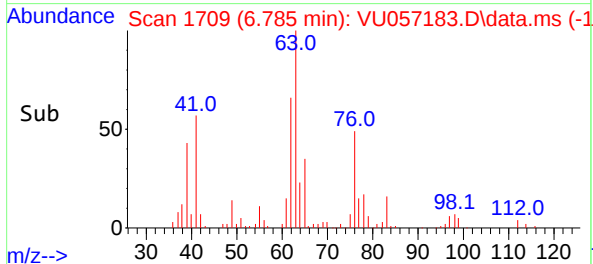
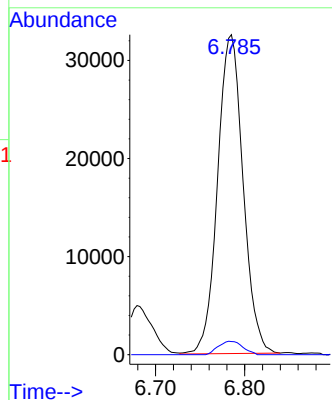
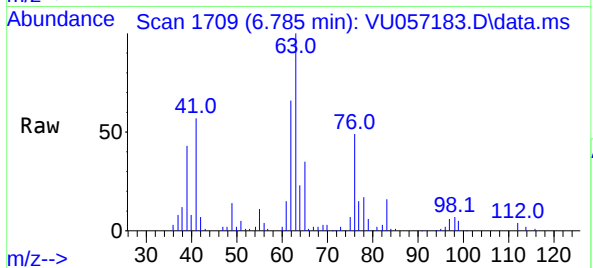




#37
1,2-Dichloropropane
Concen: 5.171 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

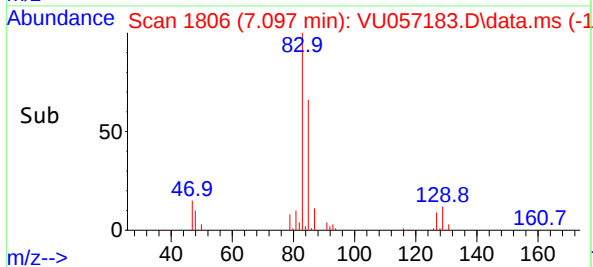
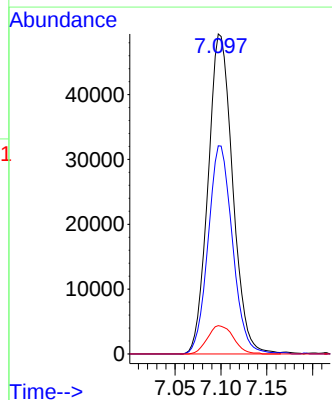
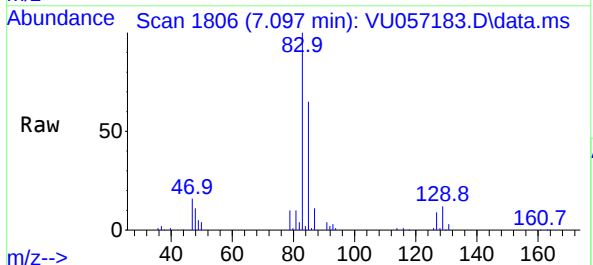
Instrument :
MSVOA_U
ClientSampleId :

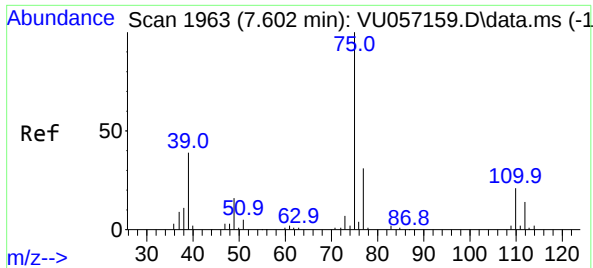
Tgt Ion: 63 Resp: 64579
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7



#38
Bromodichloromethane
Concen: 5.090 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 83 Resp: 91975
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.0
127 8.9 7.4 11.2

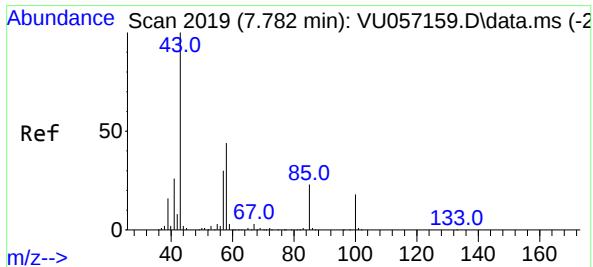
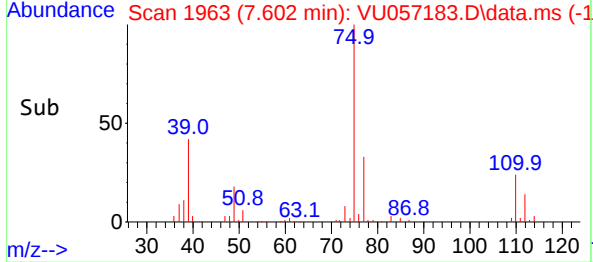
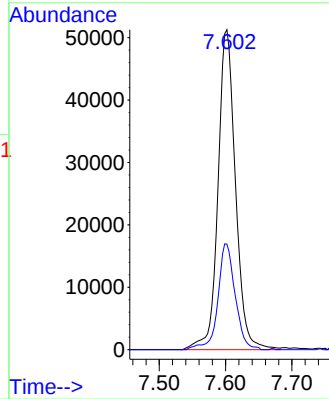
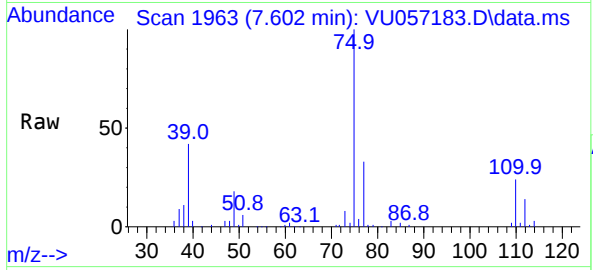




#39
cis-1,3-Dichloropropene
Concen: 5.012 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

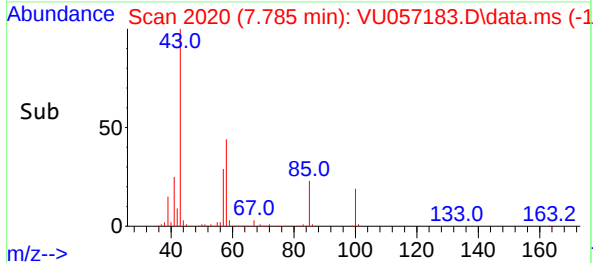
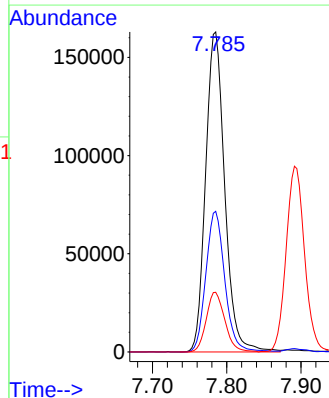
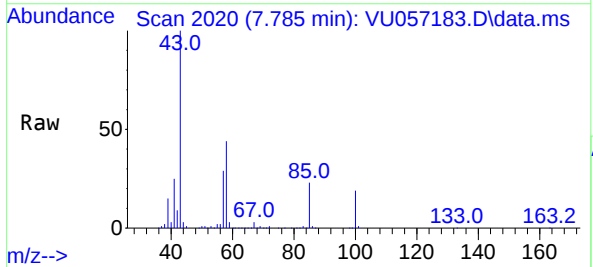
Instrument :
MSVOA_U
ClientSampleId :

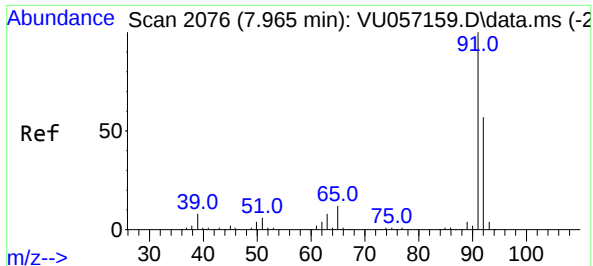
Tgt Ion: 75 Resp: 94163
Ion Ratio Lower Upper
75 100
77 33.0 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 53.662 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 43 Resp: 291353
Ion Ratio Lower Upper
43 100
58 43.6 34.8 52.2
100 18.1 14.6 21.8

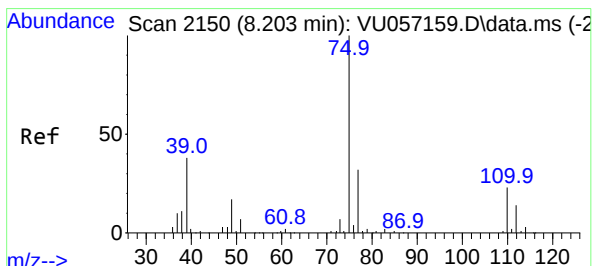
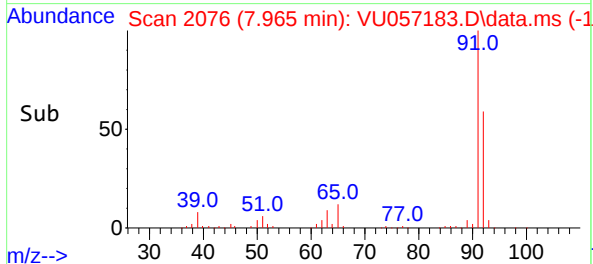
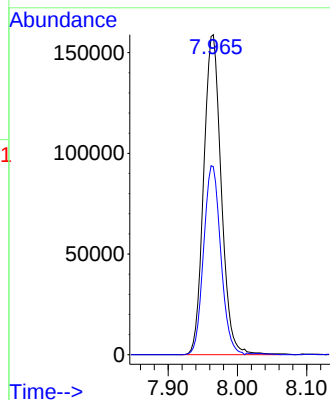
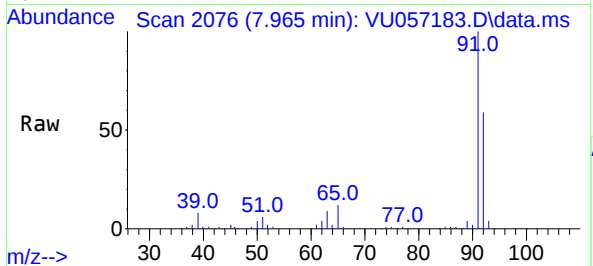




#42
Toluene
Concen: 5.247 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

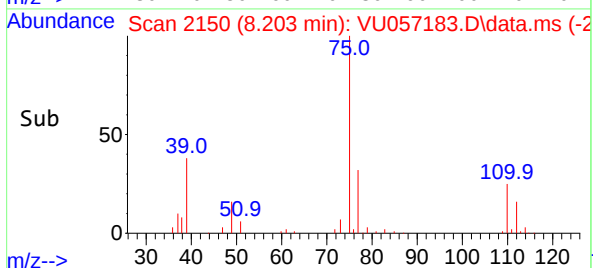
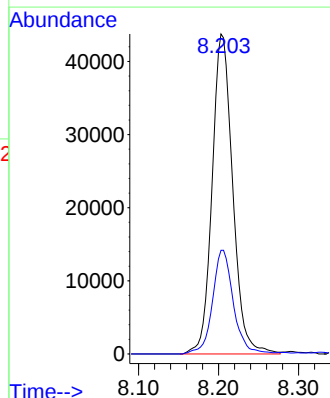
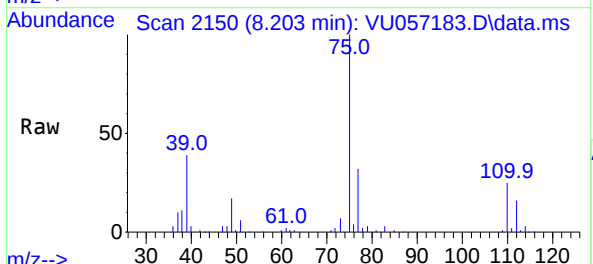
Instrument :
MSVOA_U
ClientSampleId :

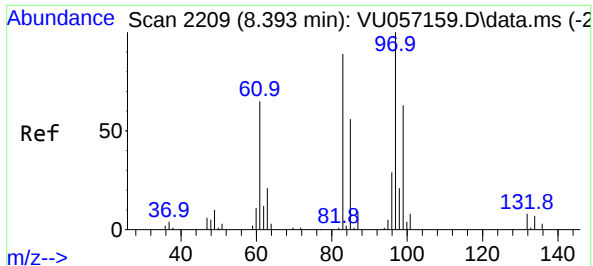
Tgt Ion: 91 Resp: 279210
Ion Ratio Lower Upper
91 100
92 58.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.880 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

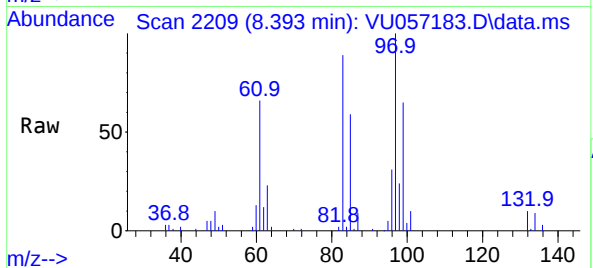
Tgt Ion: 75 Resp: 78244
Ion Ratio Lower Upper
75 100
77 32.4 21.4 39.8





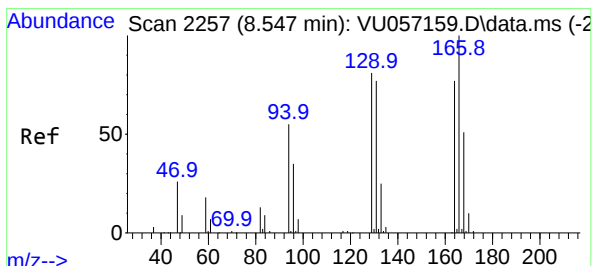
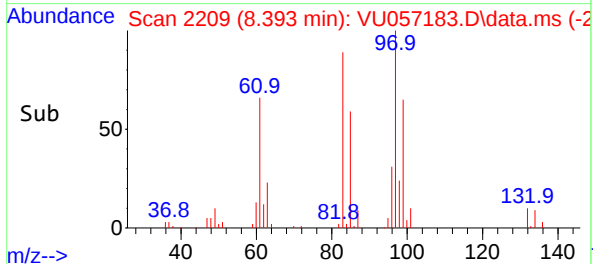
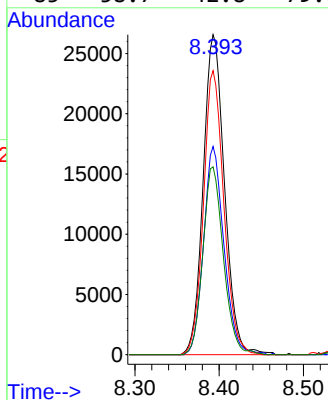
#45
1,1,2-Trichloroethane
Concen: 5.433 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 46813

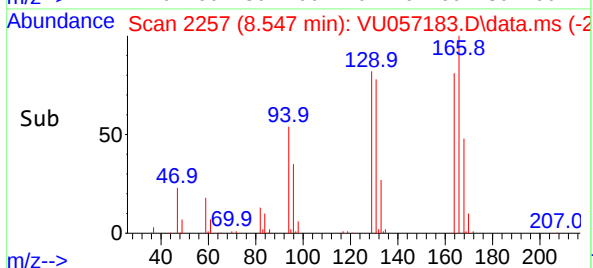
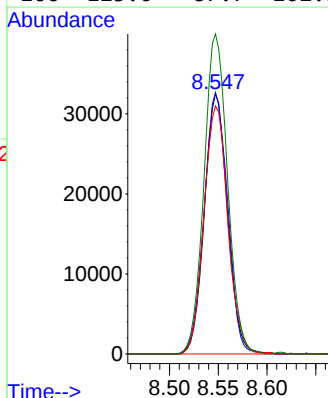
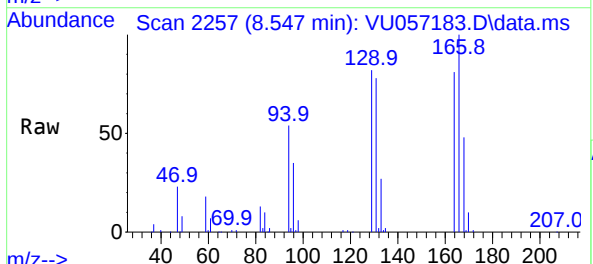
Ion	Ratio	Lower	Upper
97	100		
99	65.1	47.0	87.2
83	88.7	62.1	115.3
85	58.7	42.8	79.6

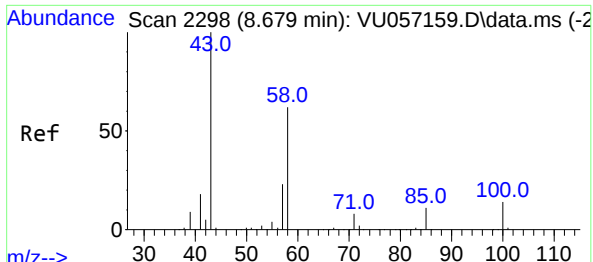


#47
Tetrachloroethene
Concen: 5.085 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 164 Resp: 53505

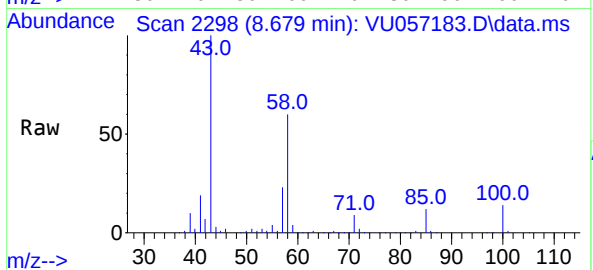
Ion	Ratio	Lower	Upper
164	100		
129	100.6	72.9	135.3
131	95.3	71.7	133.3
166	123.0	87.7	162.9



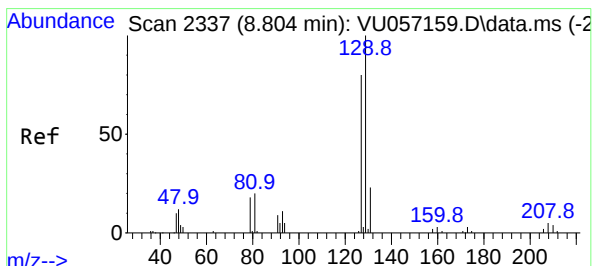
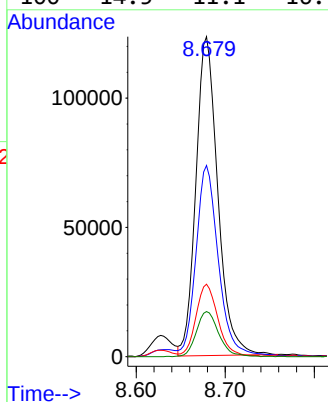
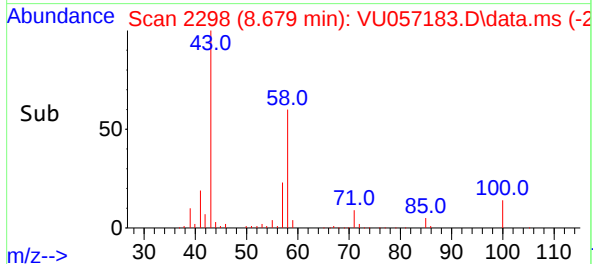


#48
2-Hexanone
Concen: 52.731 ug/L
RT: 8.679 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

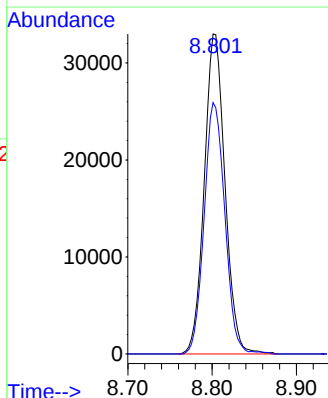
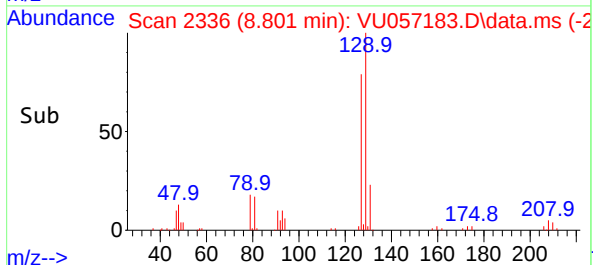
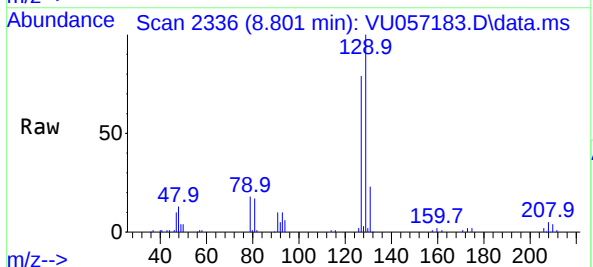


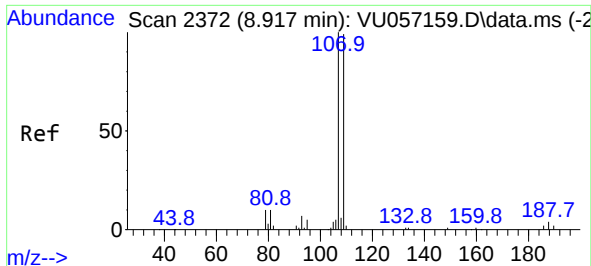
Tgt Ion: 43 Resp: 210640
Ion Ratio Lower Upper
43 100
58 61.7 49.8 74.8
57 23.0 18.5 27.7
100 14.5 11.1 16.7



#49
Dibromochloromethane
Concen: 5.052 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

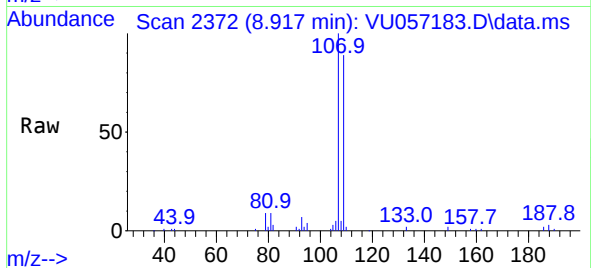
Tgt Ion: 129 Resp: 56428
Ion Ratio Lower Upper
129 100
127 78.6 55.2 102.6



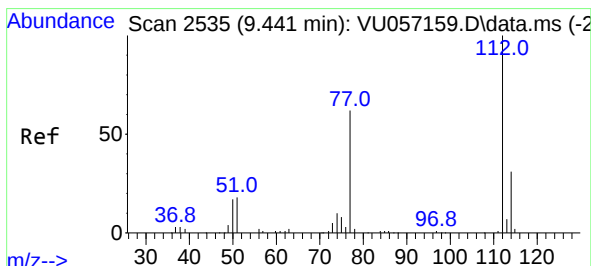
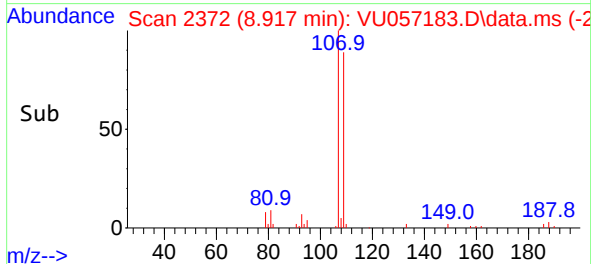
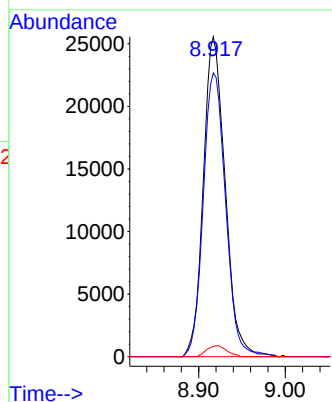


#50
1,2-Dibromoethane
Concen: 5.519 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

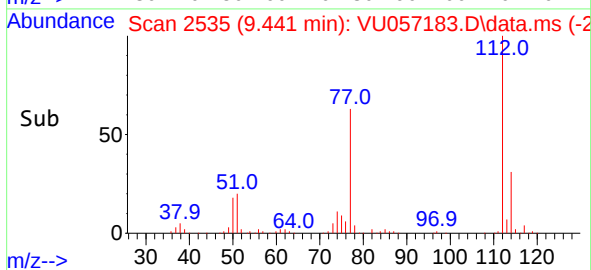
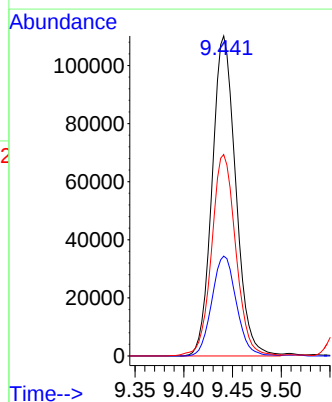
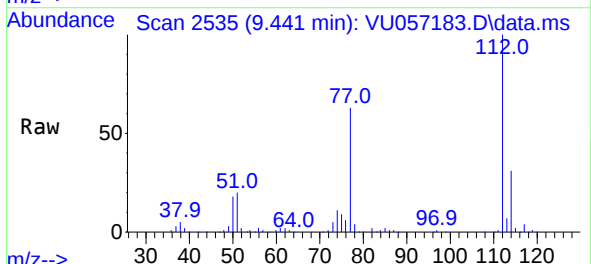


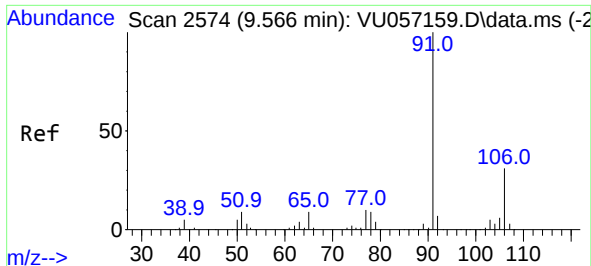
Tgt Ion:107 Resp: 44645
Ion Ratio Lower Upper
107 100
109 88.7 66.8 124.2
188 3.2 2.6 4.0



#51
Chlorobenzene
Concen: 5.359 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion:112 Resp: 185591
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.1
77 63.0 52.2 78.2

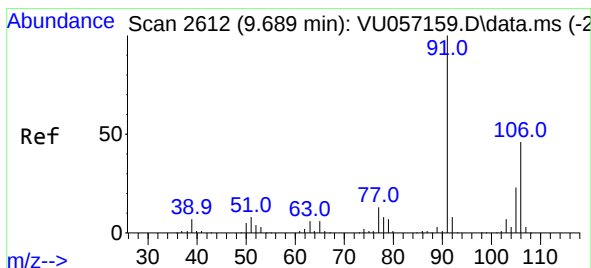
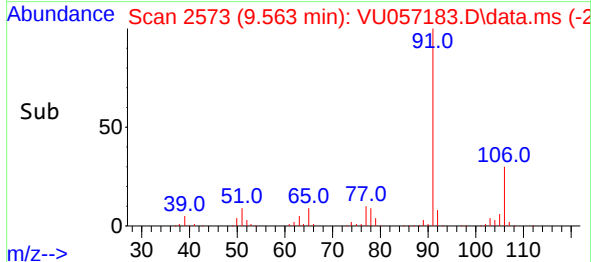
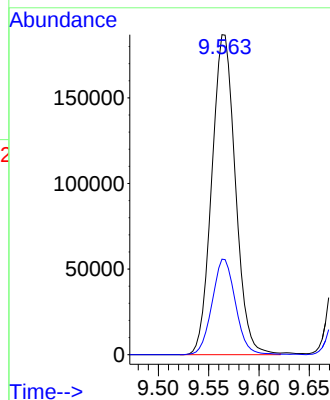
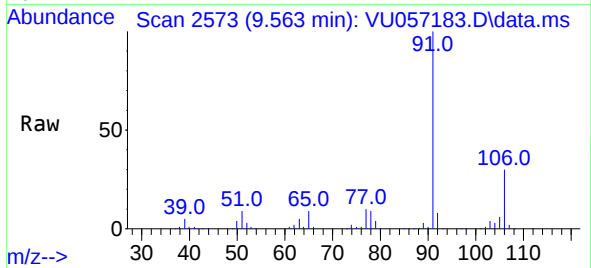




#52
Ethylbenzene
Concen: 5.084 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

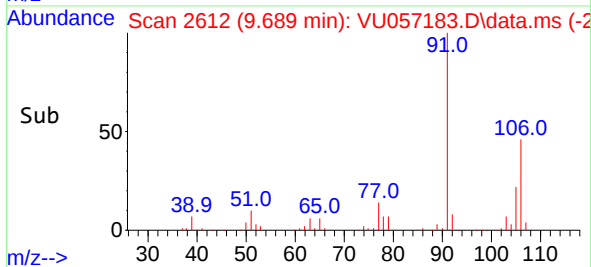
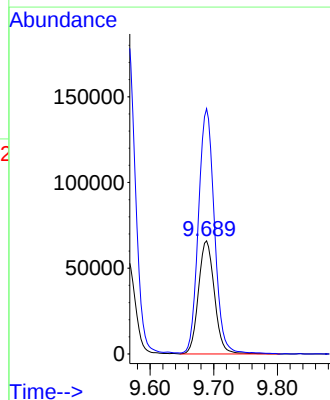
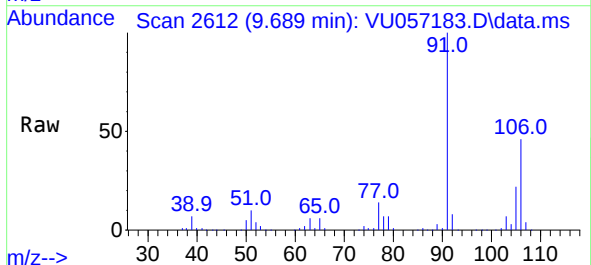
Instrument :
MSVOA_U
ClientSampleId :

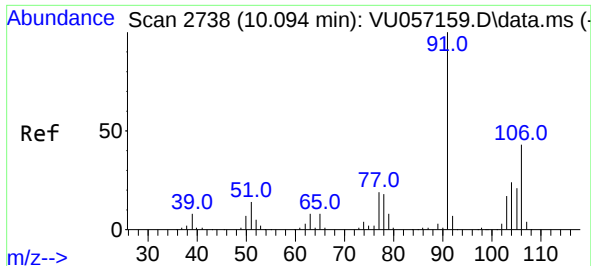
Tgt Ion: 91 Resp: 304832
Ion Ratio Lower Upper
91 100
106 29.8 21.6 40.2



#53
m,p-Xylene
Concen: 5.246 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

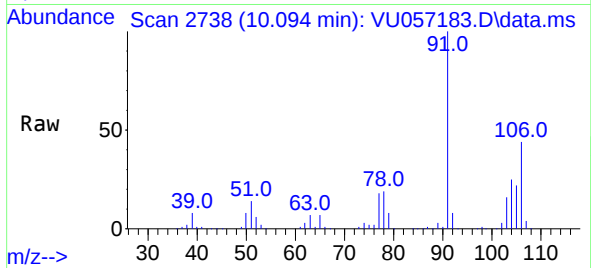
Tgt Ion:106 Resp: 115068
Ion Ratio Lower Upper
106 100
91 216.6 154.5 286.9



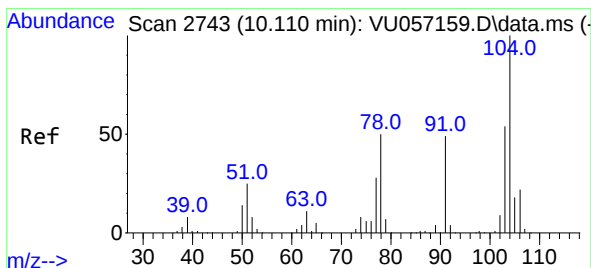
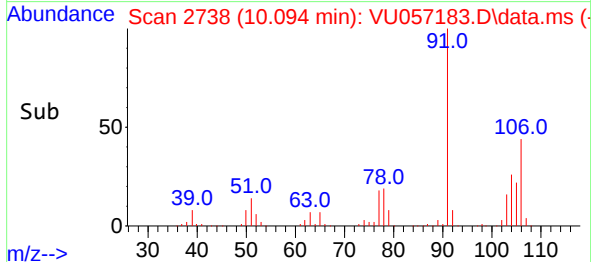
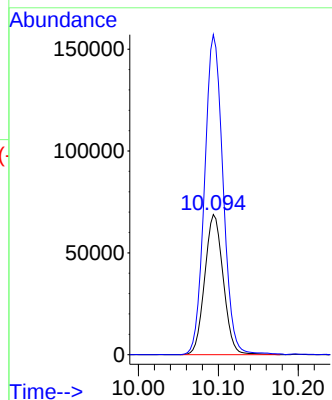


#54
o-Xylene
Concen: 5.242 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

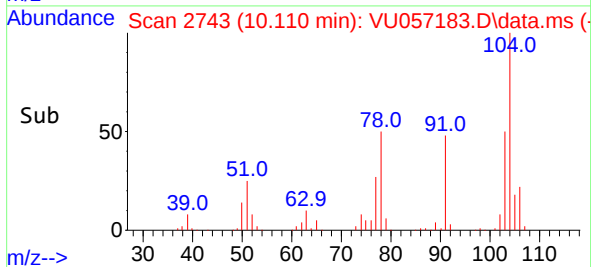
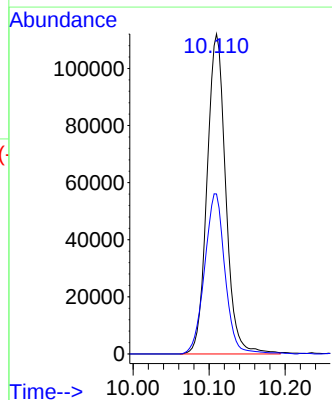
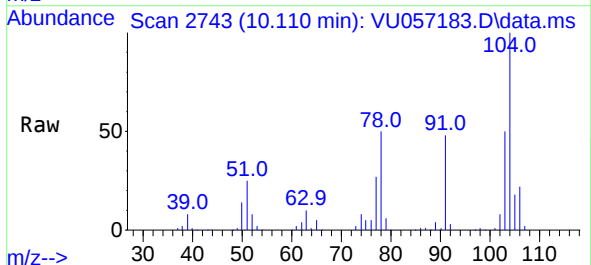


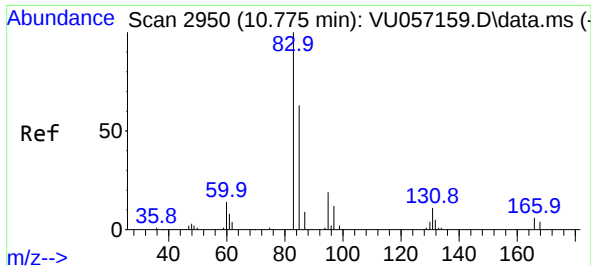
Tgt Ion:106 Resp: 110938
Ion Ratio Lower Upper
106 100
91 228.3 165.4 307.2



#55
Styrene
Concen: 5.477 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion:104 Resp: 191179
Ion Ratio Lower Upper
104 100
78 50.0 35.8 66.6

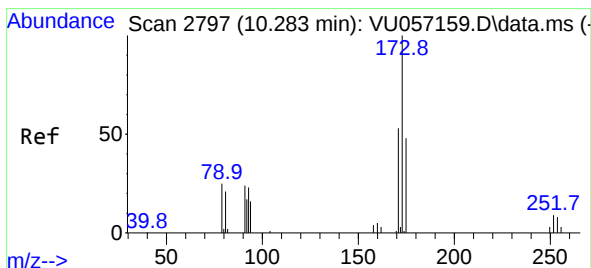
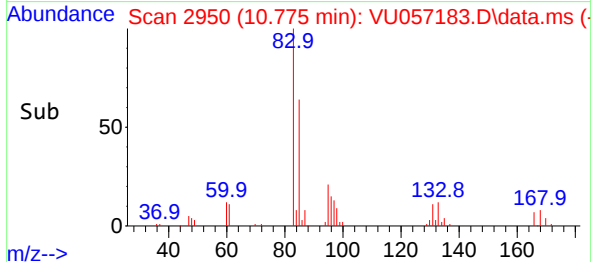
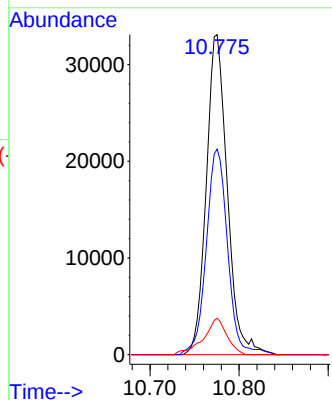
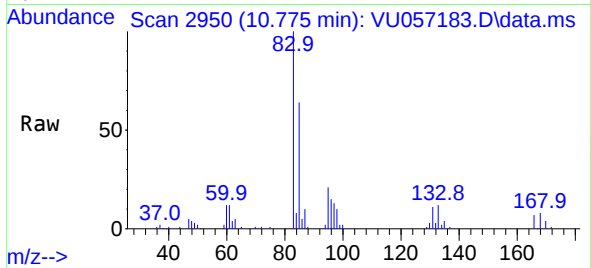




#57
1,1,2,2-Tetrachloroethane
Concen: 5.215 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

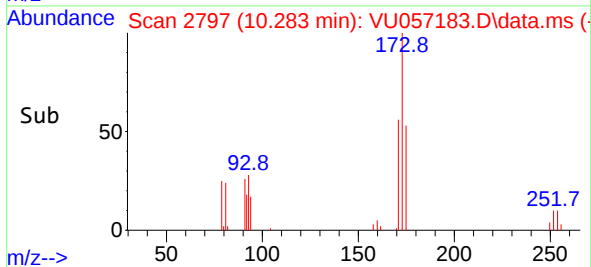
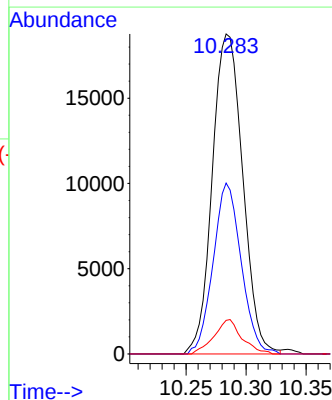
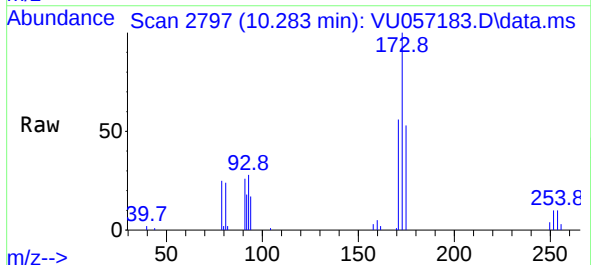
Instrument :
MSVOA_U
ClientSampleId :

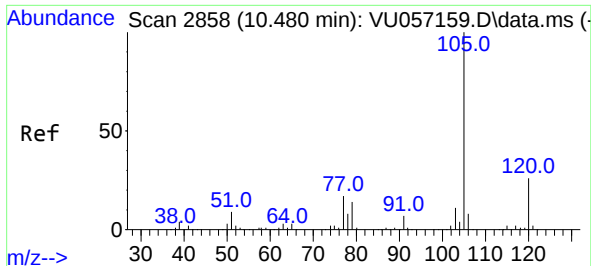
Tgt Ion: 83 Resp: 54182
Ion Ratio Lower Upper
83 100
85 64.3 45.8 85.2
131 11.3 7.0 10.6#



#59
Bromoform
Concen: 5.254 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

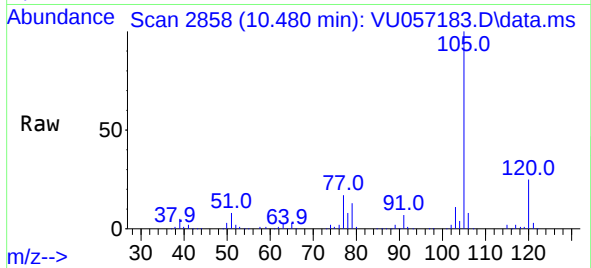
Tgt Ion:173 Resp: 33075
Ion Ratio Lower Upper
173 100
175 49.3 40.5 60.7
254 9.8 8.1 12.1



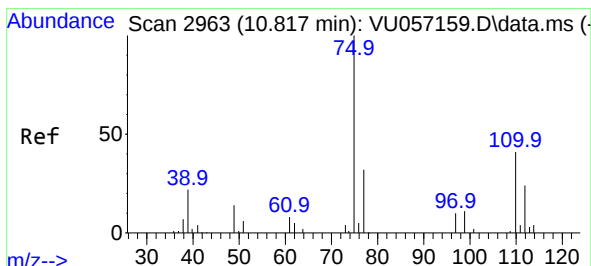
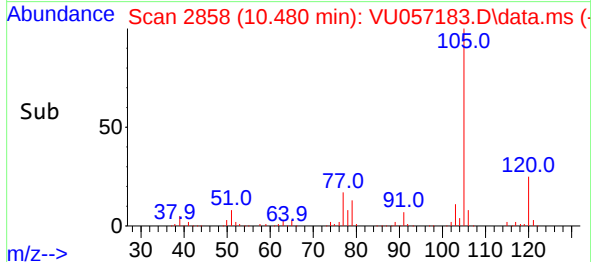
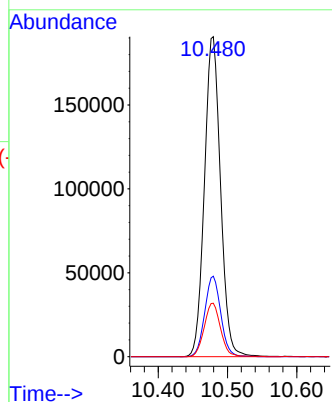


#60
Isopropylbenzene
Concen: 5.072 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

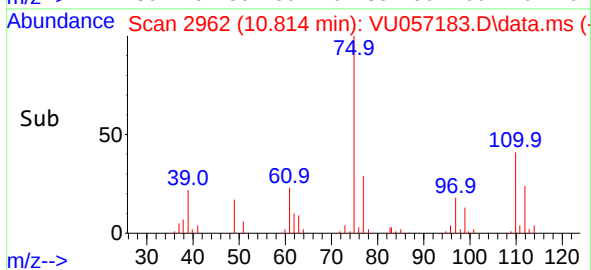
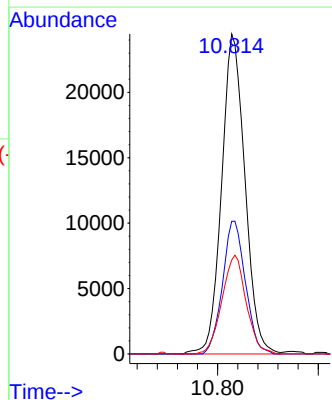
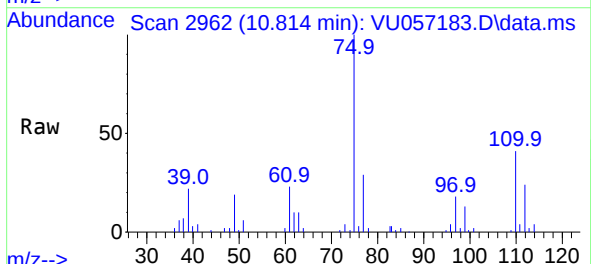


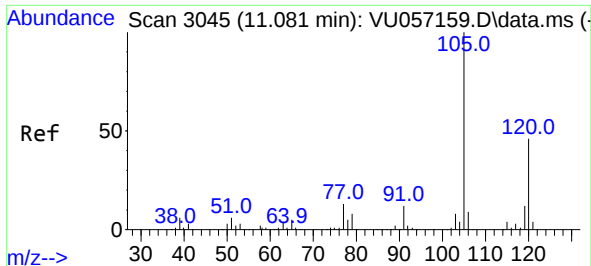
Tgt Ion:105 Resp: 306770
Ion Ratio Lower Upper
105 100
120 25.1 19.8 29.8
77 17.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.152 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 75 Resp: 39383
Ion Ratio Lower Upper
75 100
110 40.7 31.2 46.8
77 32.1 25.5 38.3

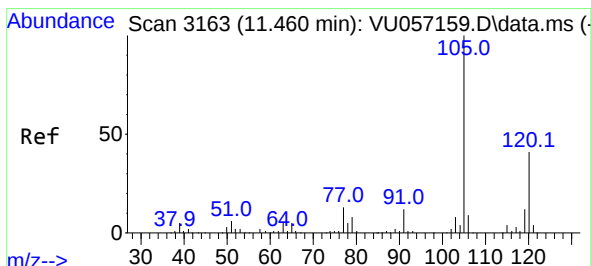
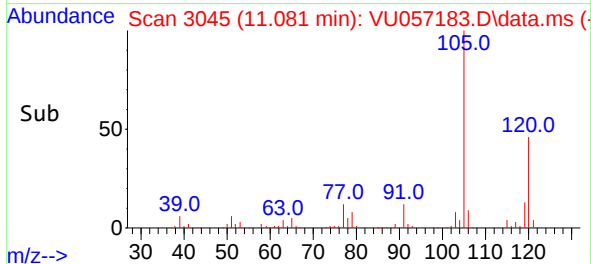
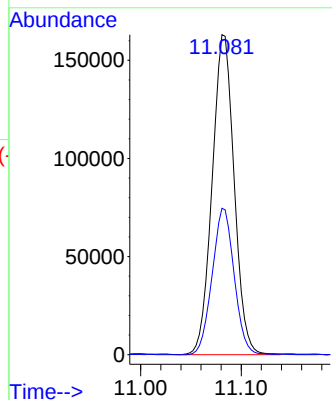
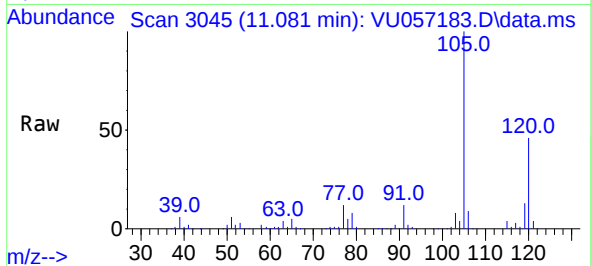




#62
1,3,5-Trimethylbenzene
Concen: 5.003 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

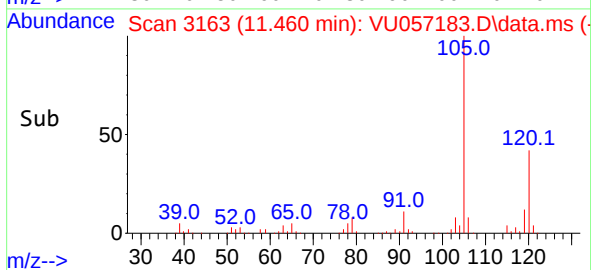
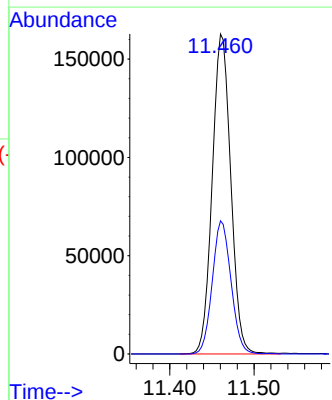
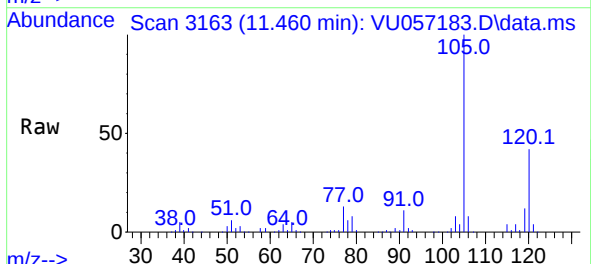
Instrument :
MSVOA_U
ClientSampleId :

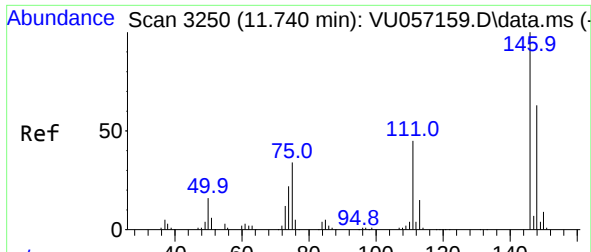
Tgt Ion:105 Resp: 247979
Ion Ratio Lower Upper
105 100
120 45.8 35.8 53.8



#63
1,2,4-Trimethylbenzene
Concen: 5.085 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

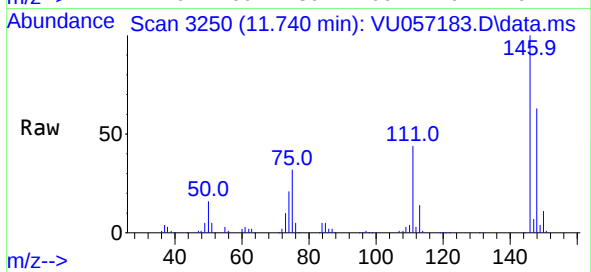
Tgt Ion:105 Resp: 248683
Ion Ratio Lower Upper
105 100
120 41.9 33.9 50.9



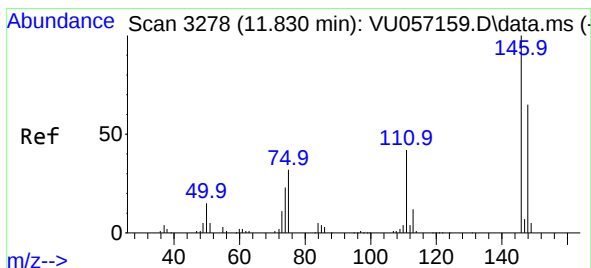
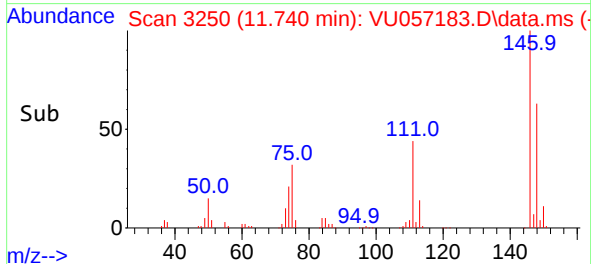
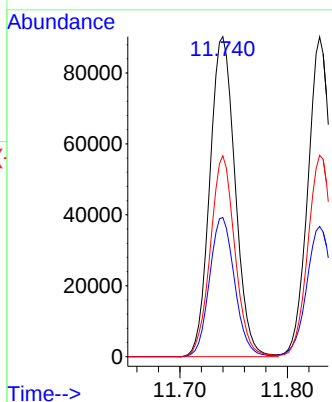


#64
1,3-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

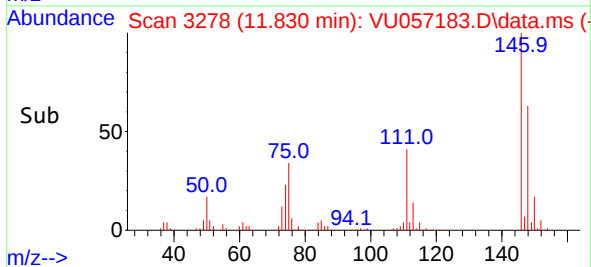
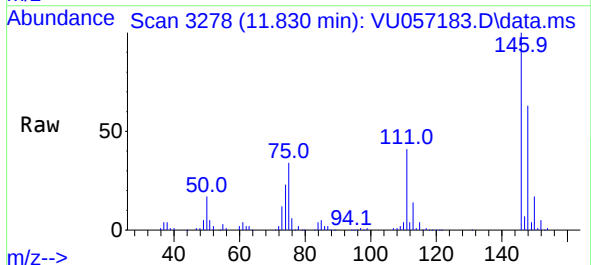
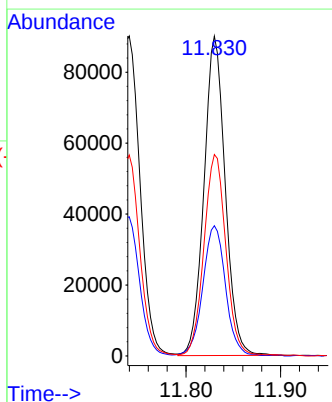


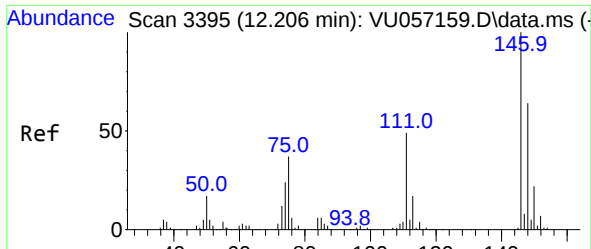
Tgt Ion:146 Resp: 147463
Ion Ratio Lower Upper
146 100
111 43.5 30.4 56.4
148 62.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.889 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

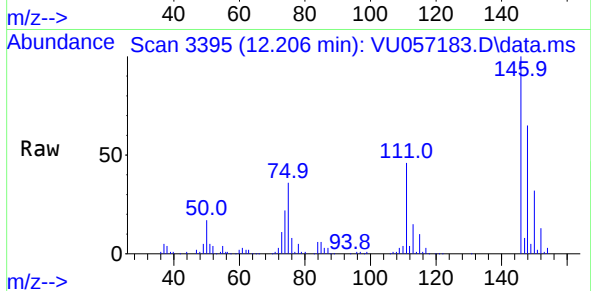
Tgt Ion:146 Resp: 140695
Ion Ratio Lower Upper
146 100
111 40.7 28.1 52.3
148 63.0 43.0 79.8



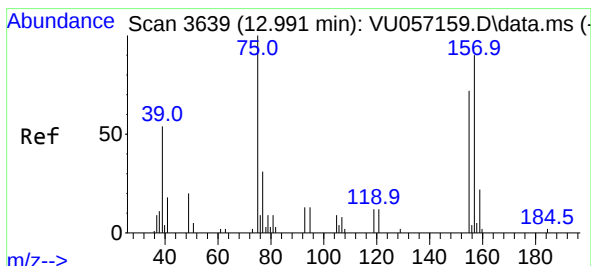
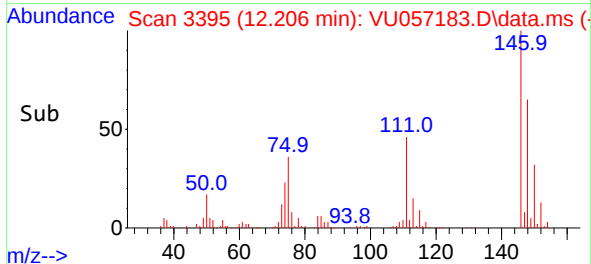
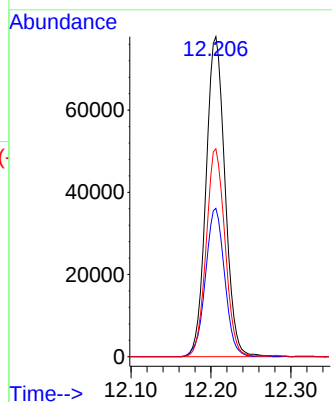


#67
1,2-Dichlorobenzene
Concen: 5.042 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :

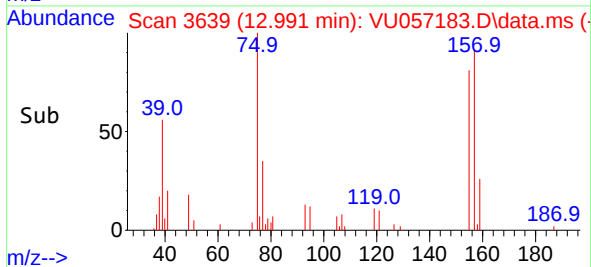
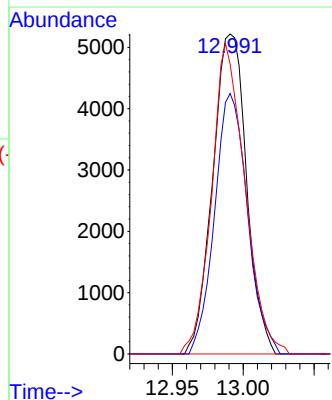
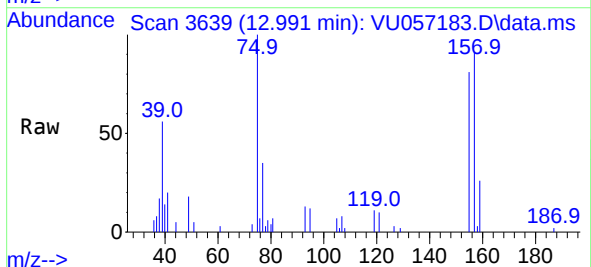


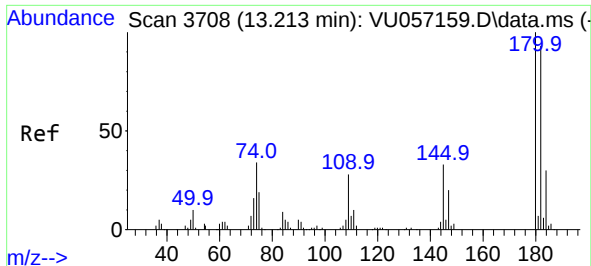
Tgt Ion:146 Resp: 128919
Ion Ratio Lower Upper
146 100
111 46.4 37.9 56.9
148 65.0 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.001 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion: 75 Resp: 8671
Ion Ratio Lower Upper
75 100
155 81.4 61.4 92.0
157 90.6 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 4.914 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

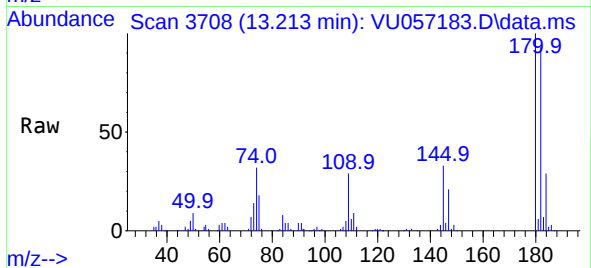
Lab File: VU057183.D

Acq: 22 Dec 2023 11:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 104511

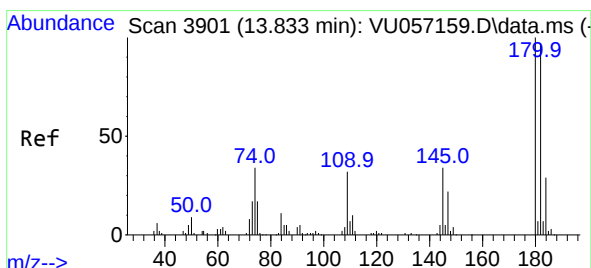
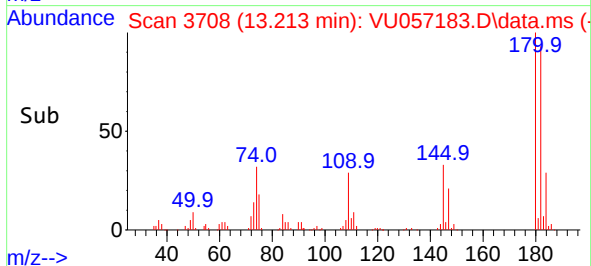
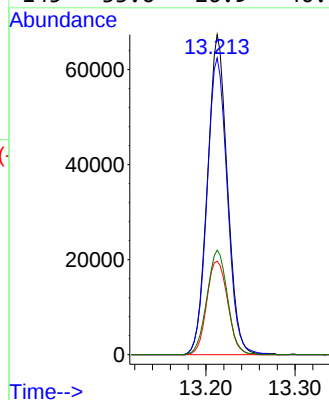
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

184 30.7 24.2 36.2

145 33.6 26.9 40.3



#70

1,2,4-trichlorobenzene

Concen: 4.635 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057183.D

Acq: 22 Dec 2023 11:21

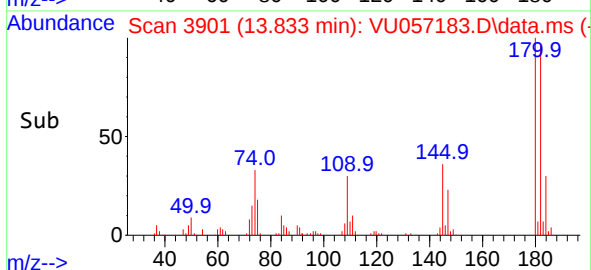
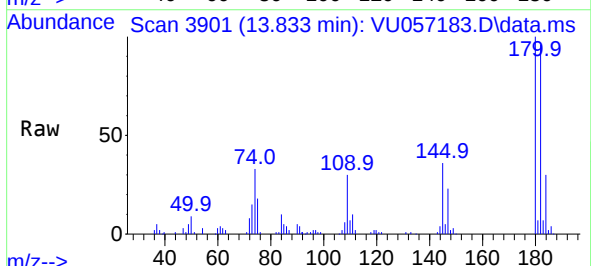
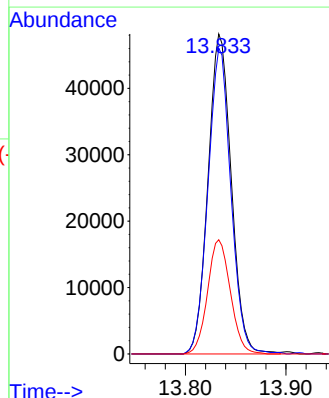
Tgt Ion:180 Resp: 77189

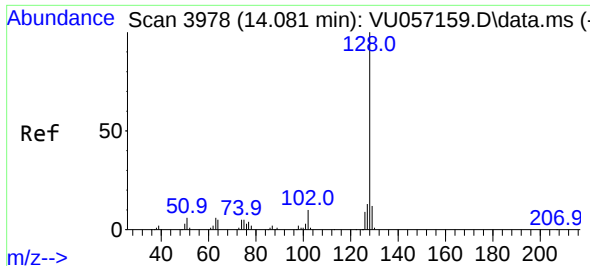
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

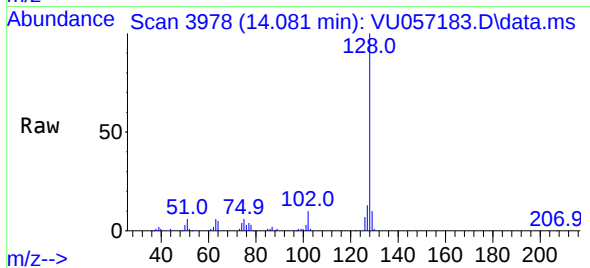
145 35.1 27.7 41.5



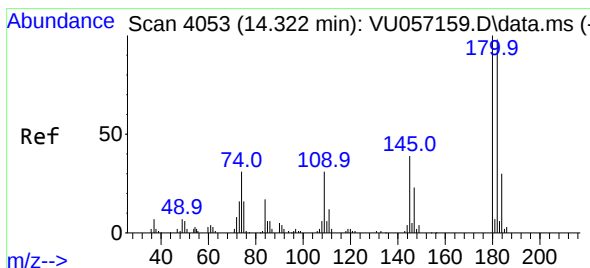
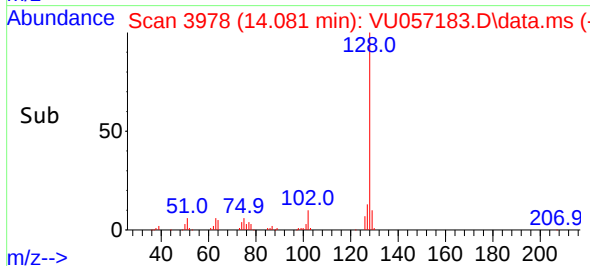
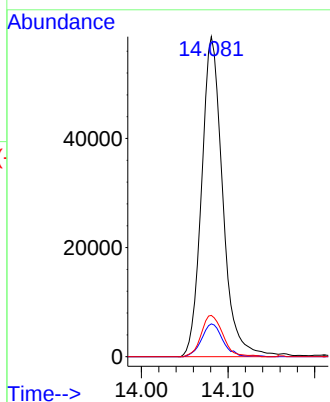


#71
Naphthalene
Concen: 4.712 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	99260
Ion Ratio	100	Lower	Upper
128	100		
129	10.2	8.2	12.4
127	13.3	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.752 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU057183.D
Acq: 22 Dec 2023 11:21

Tgt Ion:	180	Resp:	61727
Ion Ratio	100	Lower	Upper
180	100		
182	94.3	76.2	114.4
145	35.2	28.9	43.3

