

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077780.D
 Acq On : 07 Dec 2023 17:31
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 00:34:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	286645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	278603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	140156	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	138154	17.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
7) Chloroethane-d5	2.811	69	136063	21.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	3.928	65	39865	19.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.680%
21) 2-Butanone-d5	6.987	46	50828	51.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.900%
24) Chloroform-d	7.569	84	193781	25.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	8.234	65	97689	24.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.840%
32) Benzene-d6	8.205	84	391663	23.342	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	9.216	67	117928	23.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.120%
41) Toluene-d8	10.275	98	356360	23.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.280%
43) trans-1,3-Dichloroprop...	10.528	79	50901	22.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.920%
47) 2-Hexanone-d5	10.881	63	45392	51.453	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.900%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	97579	26.376	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	120028	23.939	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	101154	22.105	ug/L	99
3) Chloromethane	2.152	50	123889	18.845	ug/L	97
5) Vinyl chloride	2.287	62	173991	21.248	ug/L	99
6) Bromomethane	2.699	94	60839	14.025	ug/L	98
8) Chloroethane	2.846	64	120760	23.626	ug/L	99
9) Trichlorofluoromethane	3.181	101	158423	22.684	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	97282	23.612	ug/L	97
12) 1,1-Dichloroethene	3.946	96	91030	23.346	ug/L #	87
13) Acetone	4.022	43	51193	40.443	ug/L	96
14) Carbon disulfide	4.275	76	312552	22.619	ug/L	98
15) Methyl Acetate	4.569	43	42253	23.318	ug/L	96
16) Methylene chloride	4.805	84	114942	22.583	ug/L	94
17) trans-1,2-Dichloroethene	5.322	96	105722	26.005	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	227927	25.433	ug/L	98
19) 1,1-Dichloroethane	6.111	63	189726	24.762	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	118902	26.320	ug/L	98
22) 2-Butanone	7.087	43	65872	46.237	ug/L #	63
23) Bromochloromethane	7.434	128	51726	27.502	ug/L	89
25) Chloroform	7.605	83	195973	25.980	ug/L	91

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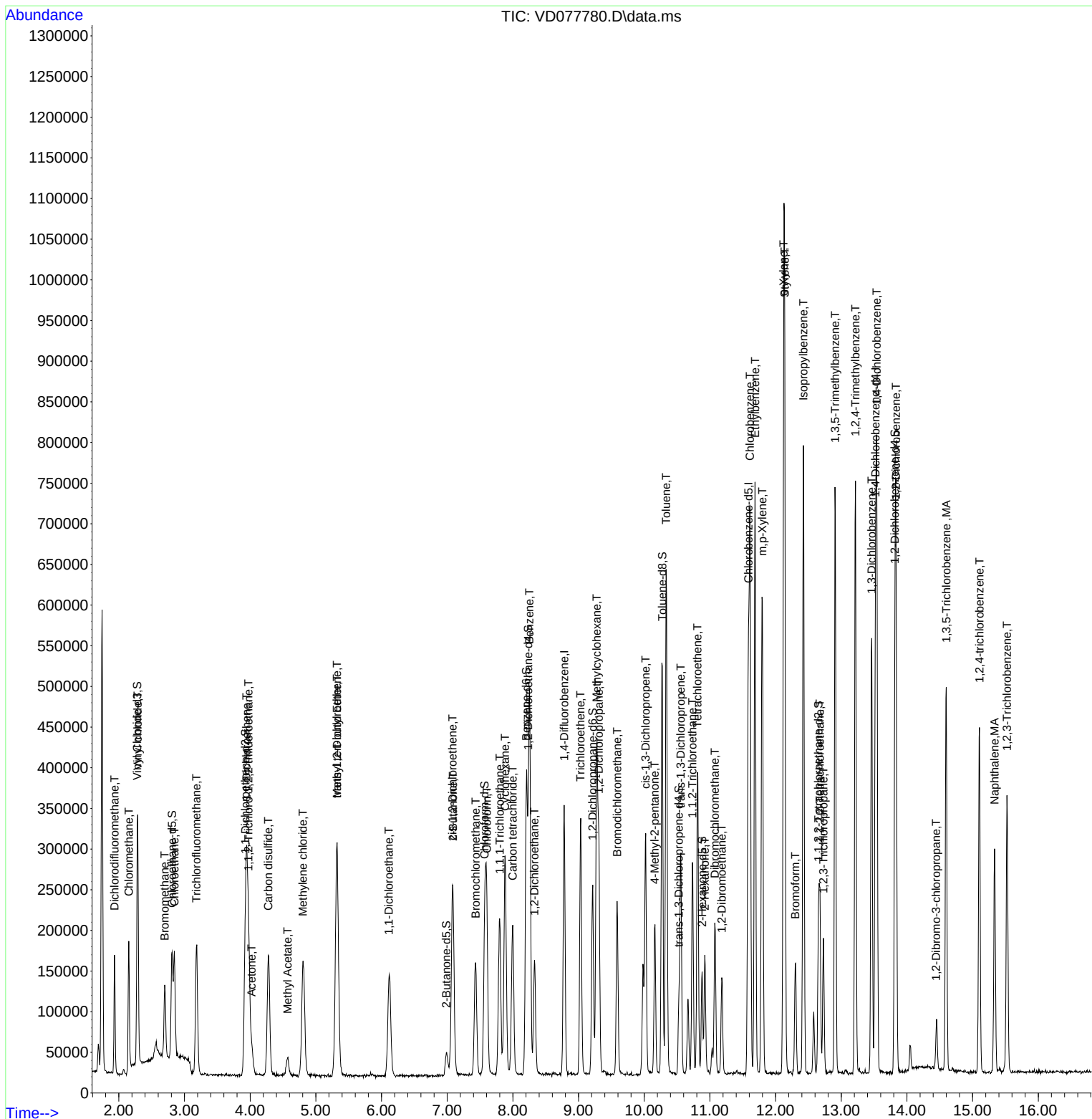
Instrument :
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 ClientSampleId :

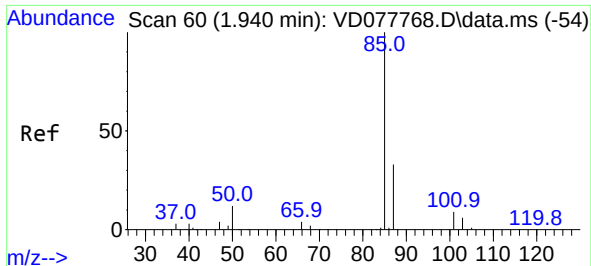
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	124639	26.416	ug/L	95
29) Cyclohexane	7.881	56	152357	20.724	ug/L	94
30) 1,1,1-Trichloroethane	7.799	97	157904	23.162	ug/L	98
31) Carbon tetrachloride	7.999	117	143566	23.947	ug/L	100
33) Benzene	8.252	78	439893	24.258	ug/L	100
34) Trichloroethene	9.028	95	110106	24.461	ug/L	98
35) Methylcyclohexane	9.275	83	174110	21.787	ug/L	96
37) 1,2-Dichloropropane	9.310	63	115009	24.325	ug/L	99
38) Bromodichloromethane	9.587	83	141552	24.620	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	179217	24.273	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	122632	47.004	ug/L	96
42) Toluene	10.334	91	477916	24.813	ug/L	94
44) trans-1,3-Dichloropropene	10.557	75	151776	24.611	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	82262	25.907	ug/L	96
46) Tetrachloroethene	10.810	164	86867	23.932	ug/L	97
48) 2-Hexanone	10.922	43	91956	41.466	ug/L	97
49) Dibromochloromethane	11.075	129	98733	26.150	ug/L	97
50) 1,2-Dibromoethane	11.181	107	81138	26.496	ug/L	99
51) Chlorobenzene	11.610	112	368840	30.883	ug/L	99
52) Ethylbenzene	11.687	91	516891	24.209	ug/L	97
53) m,p-Xylene	11.799	106	199247	24.697	ug/L	92
54) o-Xylene	12.122	106	194701	25.217	ug/L	94
55) Styrene	12.140	104	347285	25.705	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	99457	26.434	ug/L	98
59) Bromoform	12.298	173	62522	26.961	ug/L #	99
60) Isopropylbenzene	12.422	105	509326	24.347	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	66403	25.757	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	388943	24.754	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	396704	24.901	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	233719	25.834	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	278119	29.625	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	210334	25.837	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	13220	21.747	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	149326	24.239	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	138761	26.532	ug/L	99
71) Naphthalene	15.334	128	239600	25.060	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	118688	25.888	ug/L	98

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

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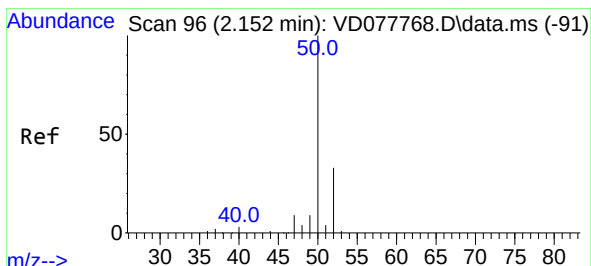
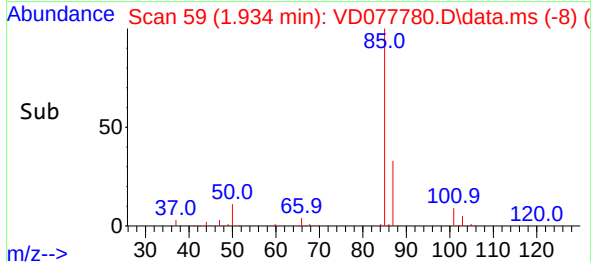
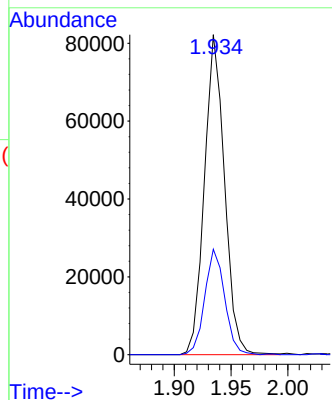
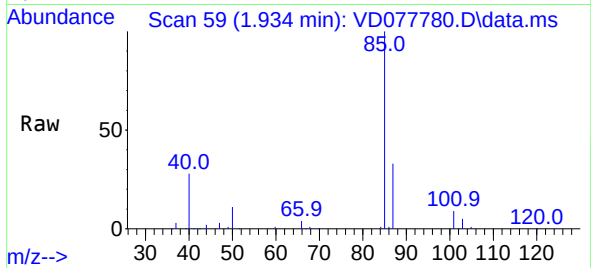




#2
Dichlorodifluoromethane
Concen: 22.105 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

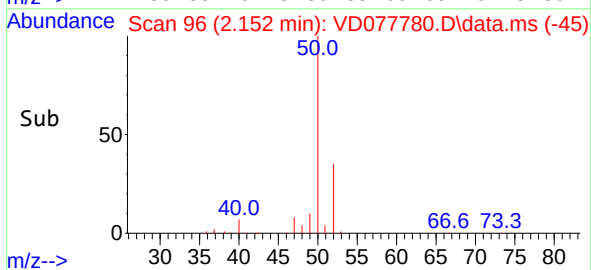
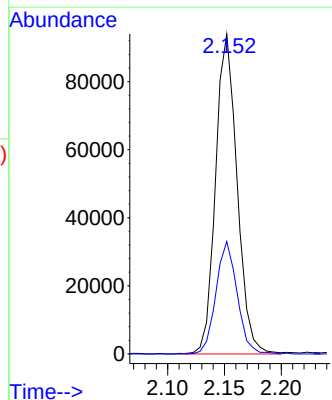
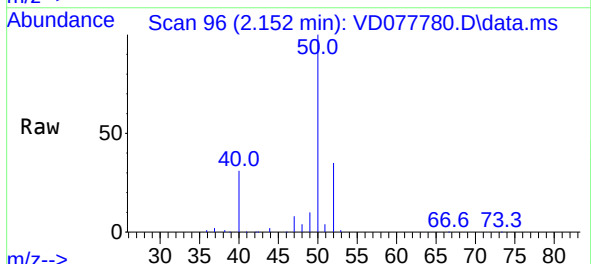
Instrument :
MSVOA_D
ClientSampleId :

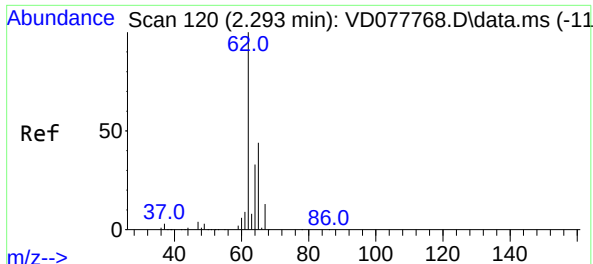
Tgt Ion: 85 Resp: 101154
Ion Ratio Lower Upper
85 100
87 32.6 25.6 38.4



#3
Chloromethane
Concen: 18.845 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 50 Resp: 123889
Ion Ratio Lower Upper
50 100
52 35.1 23.2 43.2

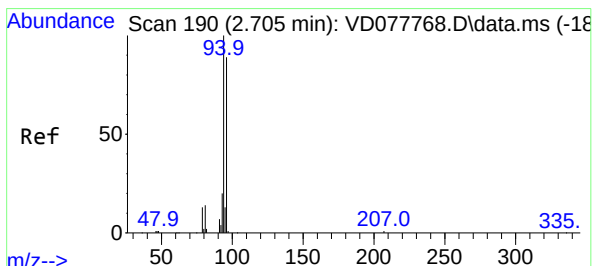
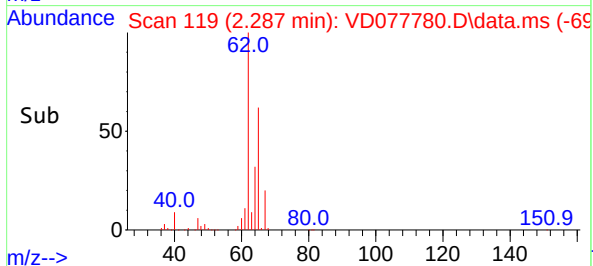
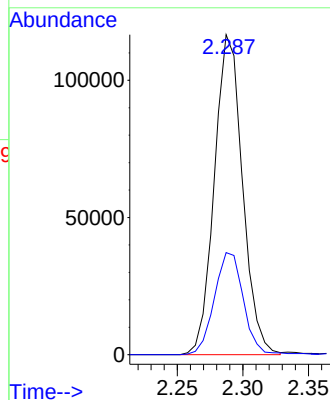
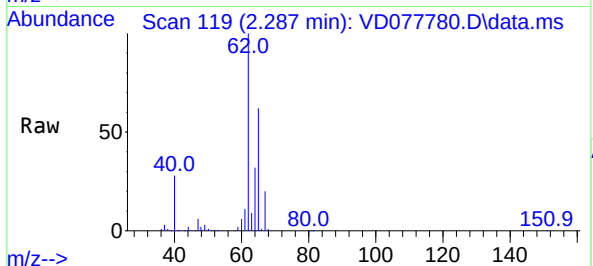




#5
 Vinyl chloride
 Concen: 21.248 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077780.D
 Acq: 07 Dec 2023 17:31

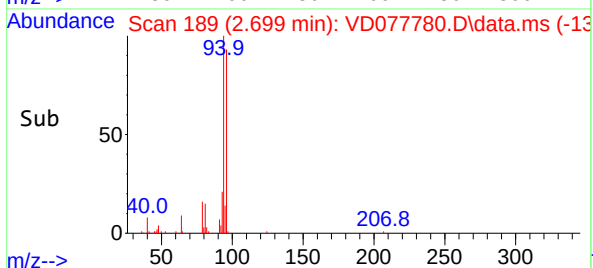
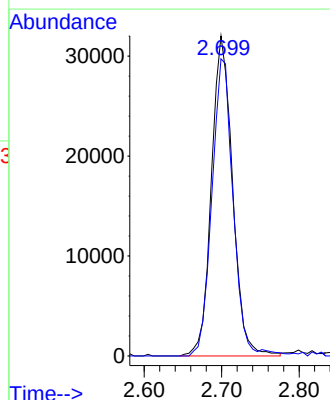
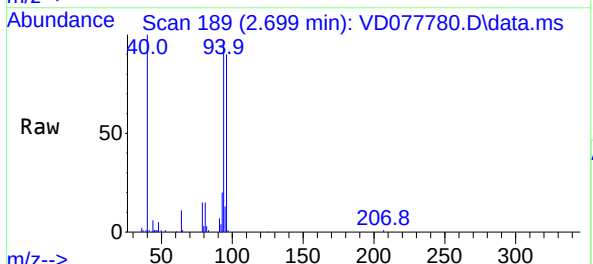
Instrument :
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 ClientSampleId :

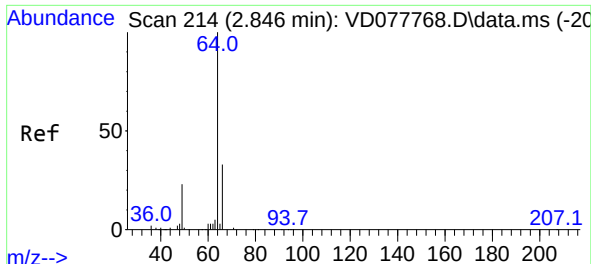
Tgt Ion: 62 Resp: 173991
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.6 42.0



#6
 Bromomethane
 Concen: 14.025 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.006 min
 Lab File: VD077780.D
 Acq: 07 Dec 2023 17:31

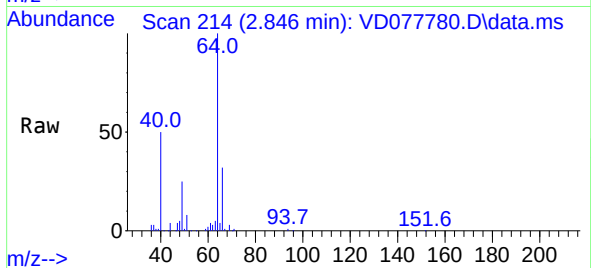
Tgt Ion: 94 Resp: 60839
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.0 122.6



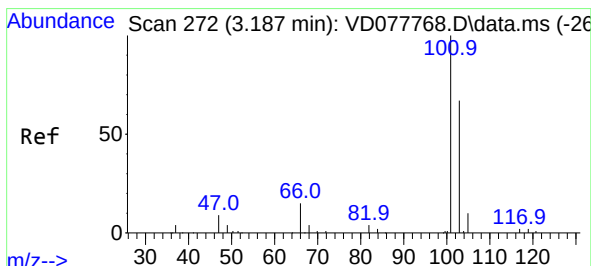
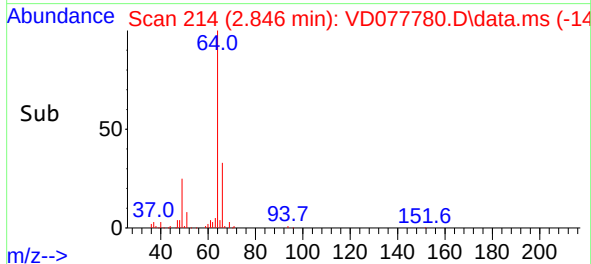
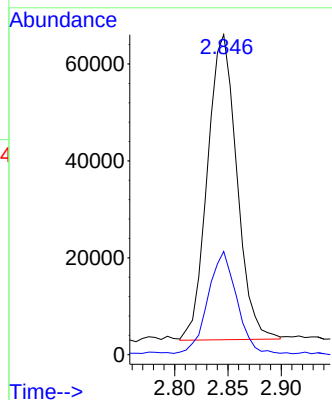


#8
Chloroethane
Concen: 23.626 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :

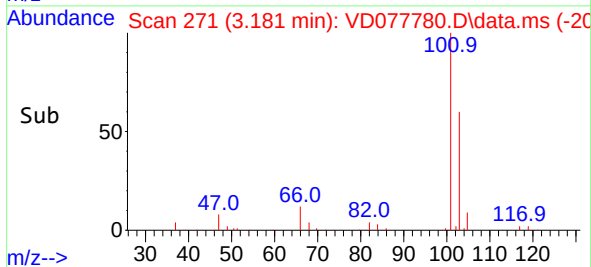
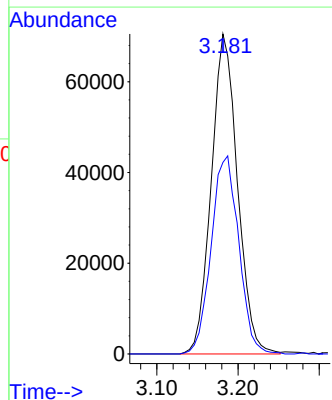
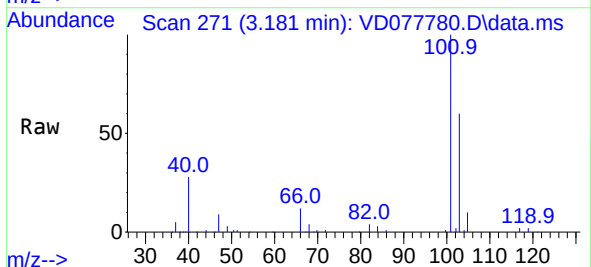


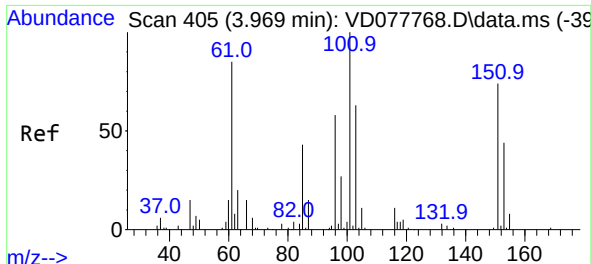
Tgt Ion: 64 Resp: 120760
Ion Ratio Lower Upper
64 100
66 32.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 22.684 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:101 Resp: 158423
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

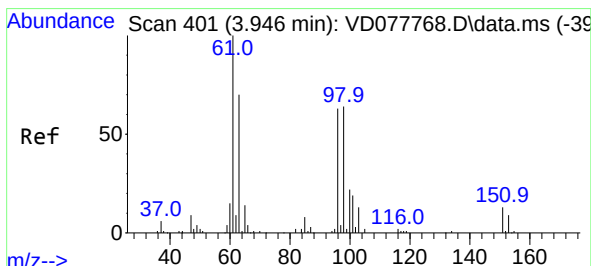
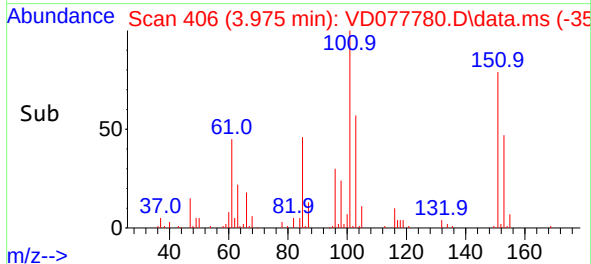
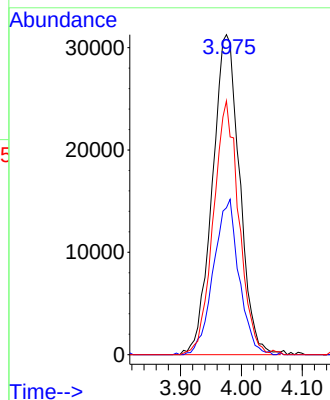
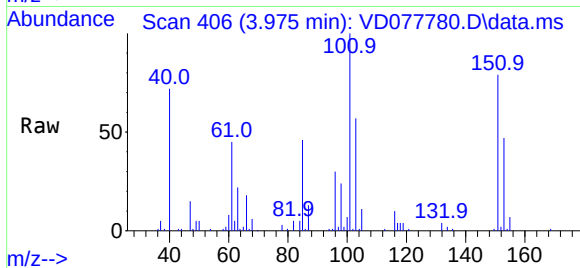




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.612 ug/L
RT: 3.975 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077780.D
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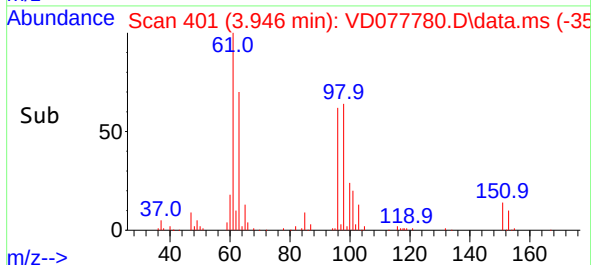
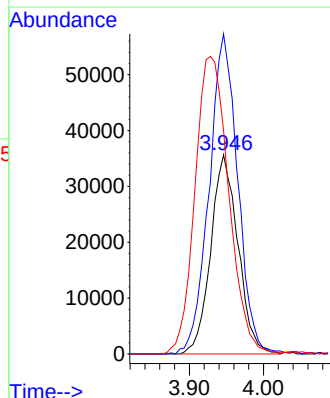
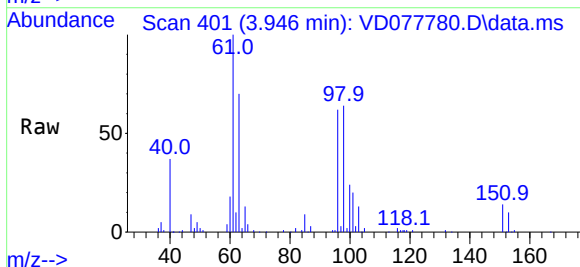
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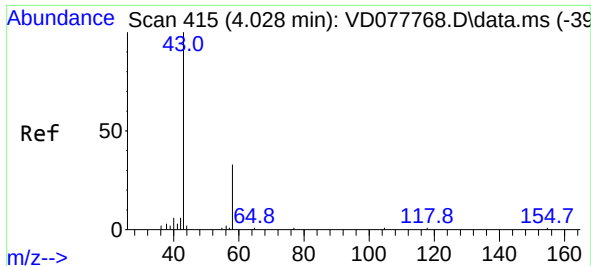
Tgt Ion:101 Resp: 97282
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 74.4 57.0 85.6



#12
1,1-Dichloroethene
Concen: 23.346 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 96 Resp: 91030
Ion Ratio Lower Upper
96 100
61 160.7 108.6 201.6
63 112.3 60.3 111.9#

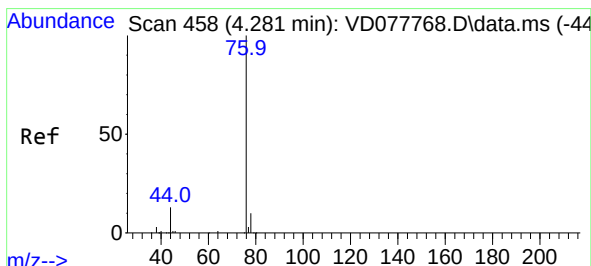
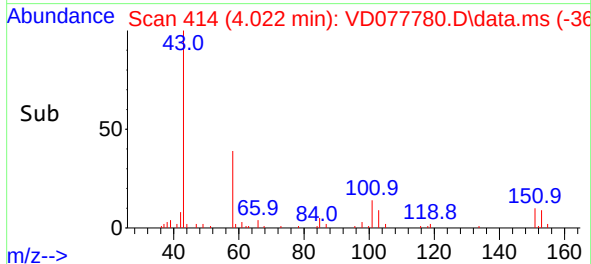
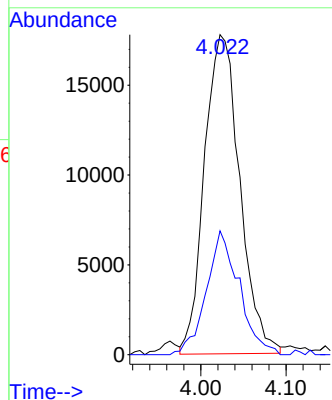
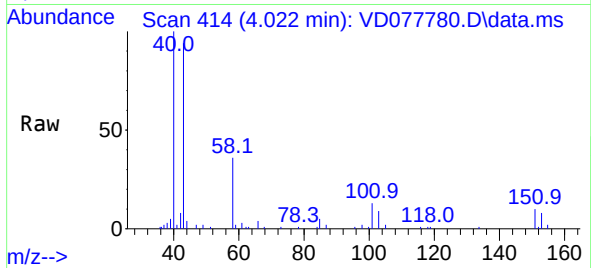




#13
Acetone
Concen: 40.443 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

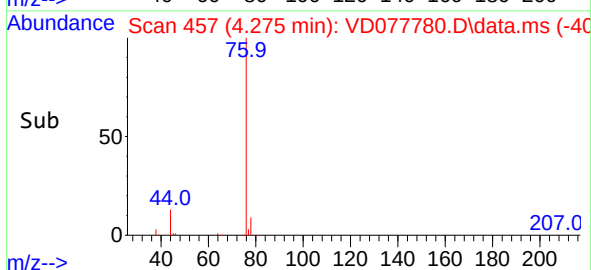
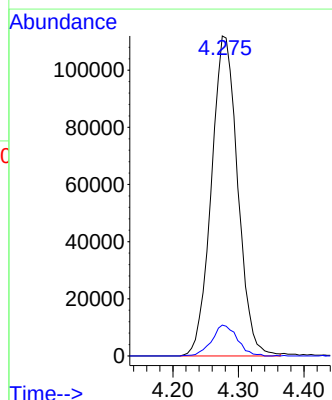
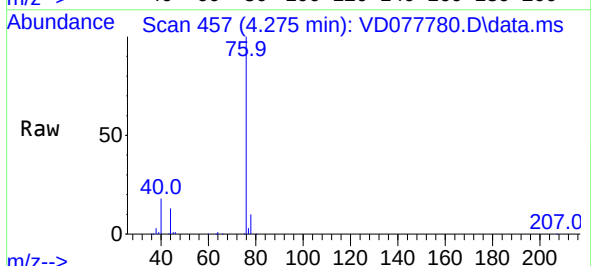
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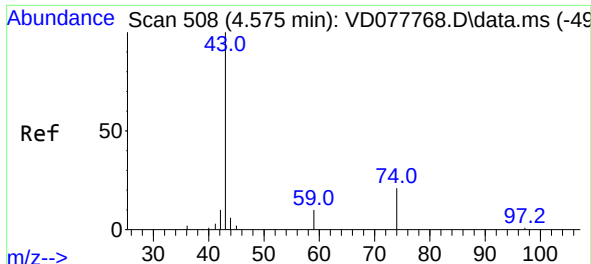
Tgt Ion: 43 Resp: 51193
Ion Ratio Lower Upper
43 100
58 36.1 0.0 67.2



#14
Carbon disulfide
Concen: 22.619 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.006 min
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Acq: 07 Dec 2023 17:31

Tgt Ion: 76 Resp: 312552
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

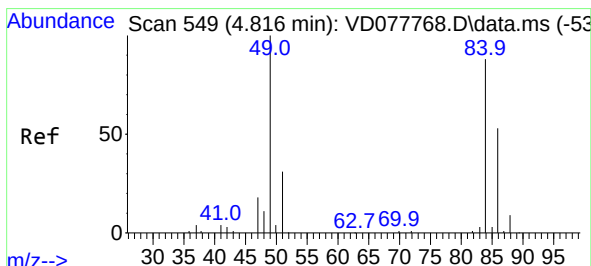
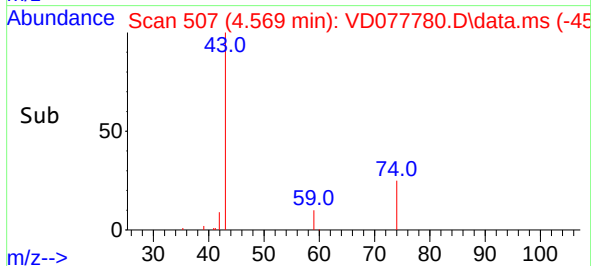
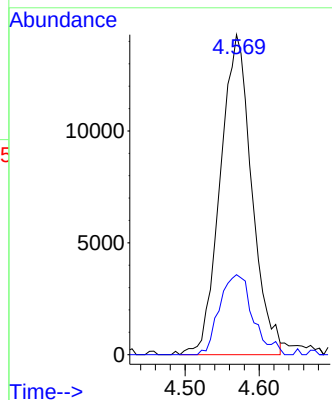
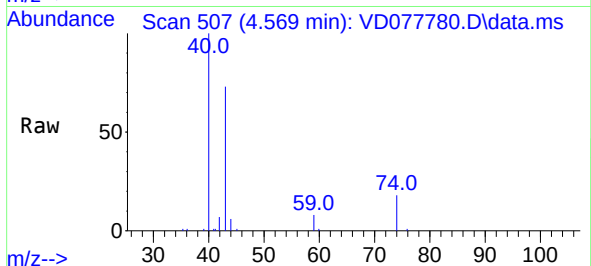




#15
Methyl Acetate
Concen: 23.318 ug/L
RT: 4.569 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

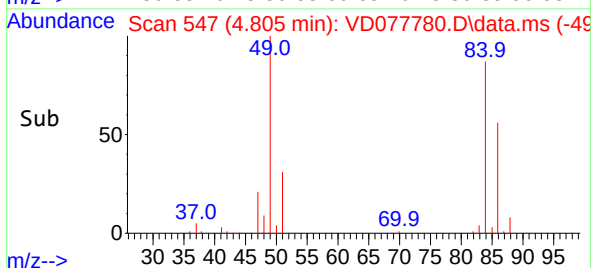
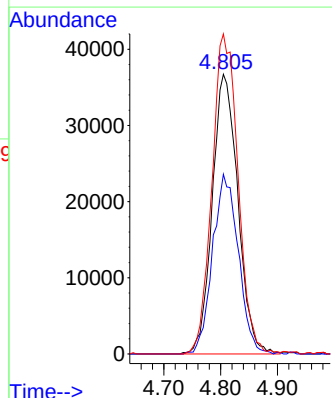
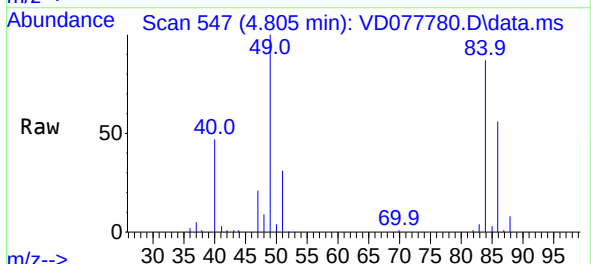
Instrument :
MSVOA_D
ClientSampleId :

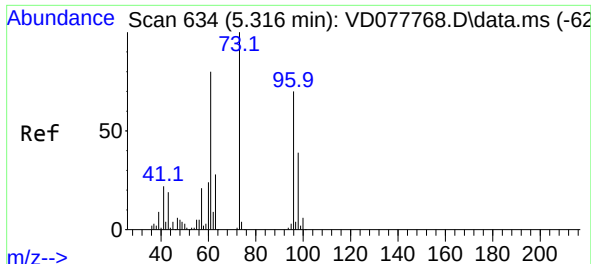
Tgt Ion: 43 Resp: 42253
Ion Ratio Lower Upper
43 100
74 25.3 18.6 27.8



#16
Methylene chloride
Concen: 22.583 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 84 Resp: 114942
Ion Ratio Lower Upper
84 100
86 64.2 40.1 74.5
49 114.4 83.2 154.6

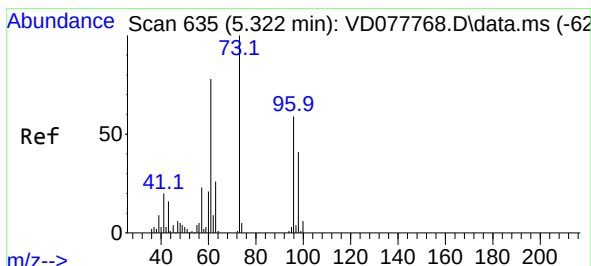
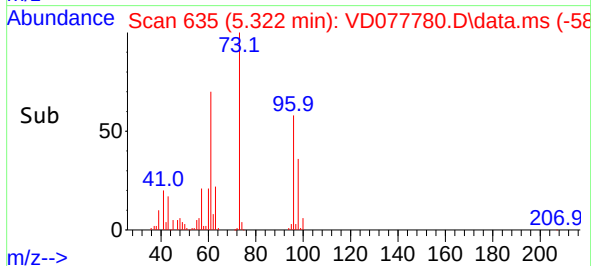
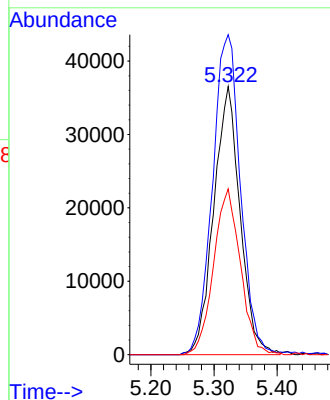
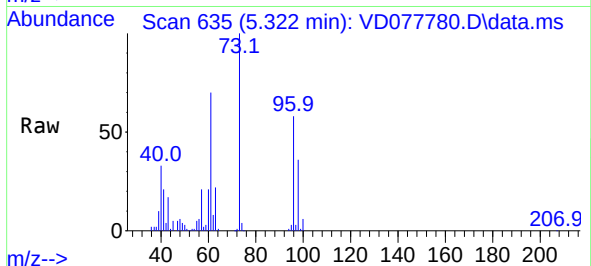




#17
trans-1,2-Dichloroethene
Concen: 26.005 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

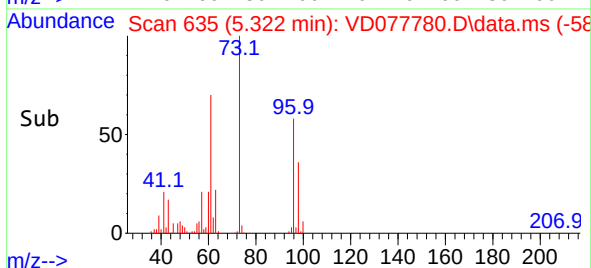
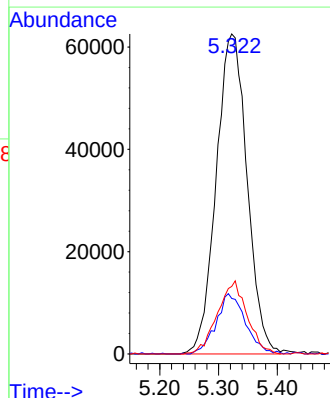
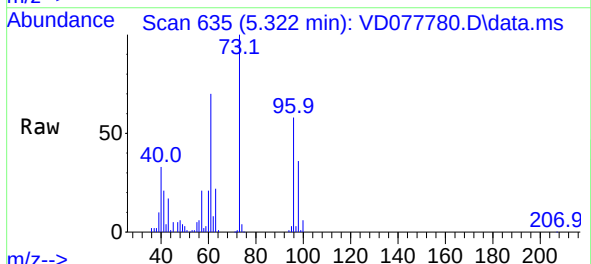
Instrument :
MSVOA_D
ClientSampleId :

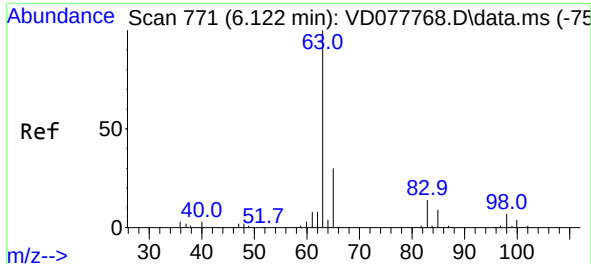
Tgt Ion: 96 Resp: 105722
Ion Ratio Lower Upper
96 100
61 119.3 92.3 171.3
98 61.8 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 25.433 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 73 Resp: 227927
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 22.0 18.1 27.1

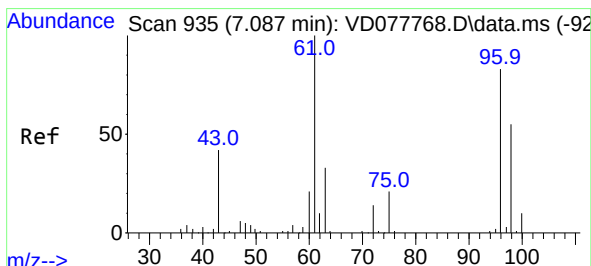
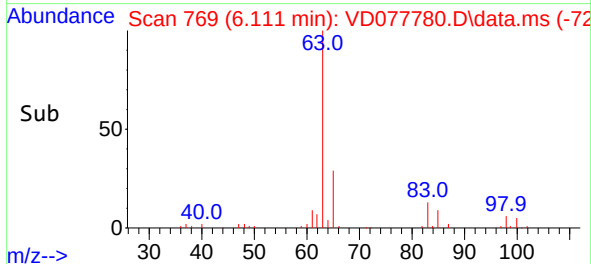
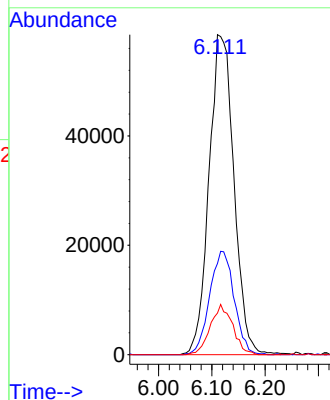
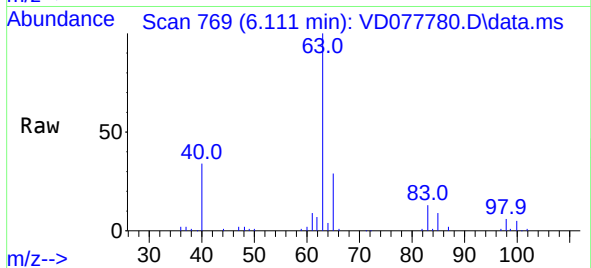




#19
1,1-Dichloroethane
Concen: 24.762 ug/L
RT: 6.111 min Scan# 70
Delta R.T. -0.012 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

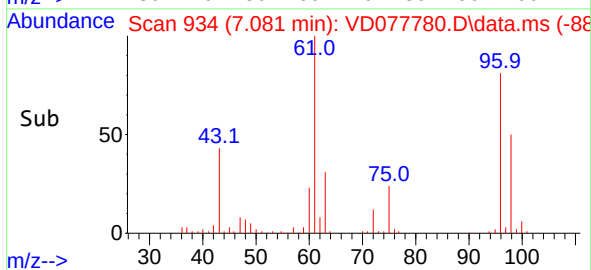
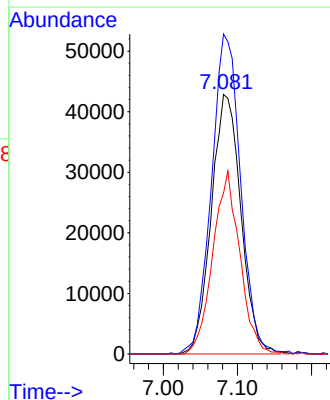
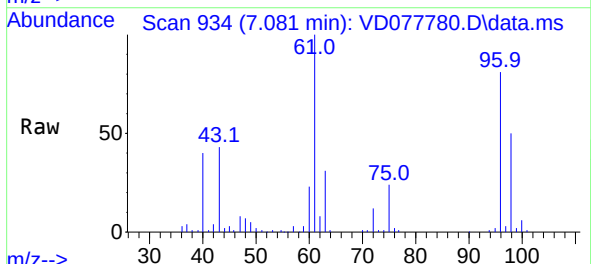
Instrument :
MSVOA_D
ClientSampleId :

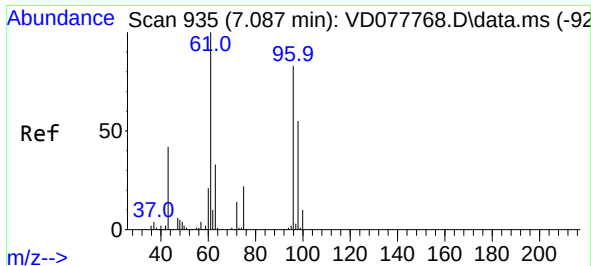
Tgt Ion: 63 Resp: 189726
Ion Ratio Lower Upper
63 100
65 28.5 20.9 38.9
83 13.0 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 26.320 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 96 Resp: 118902
Ion Ratio Lower Upper
96 100
61 123.3 88.1 163.5
98 62.0 44.1 81.9

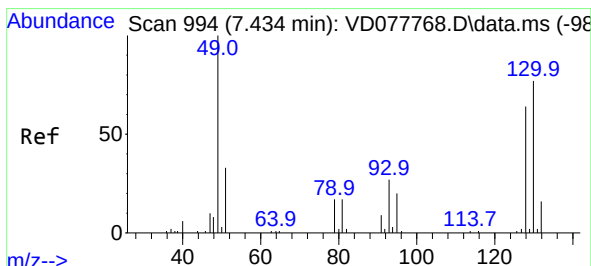
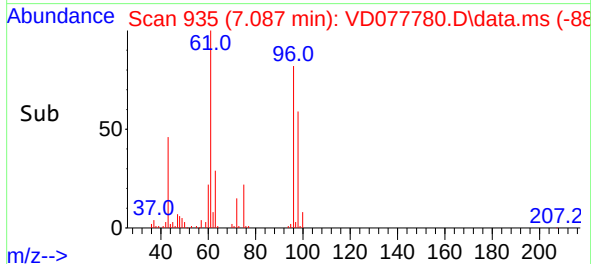
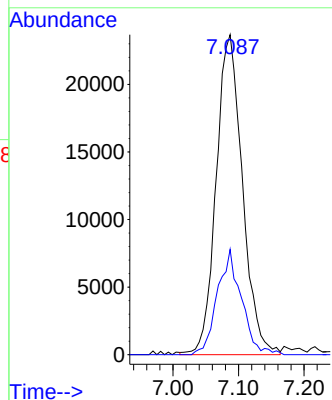
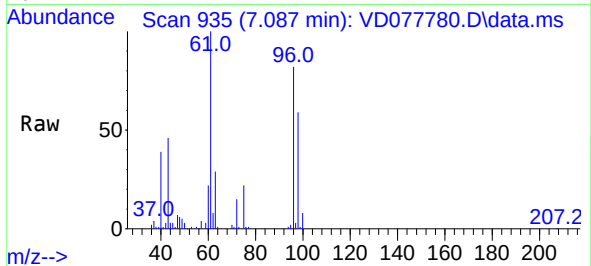




#22
2-Butanone
Concen: 46.237 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

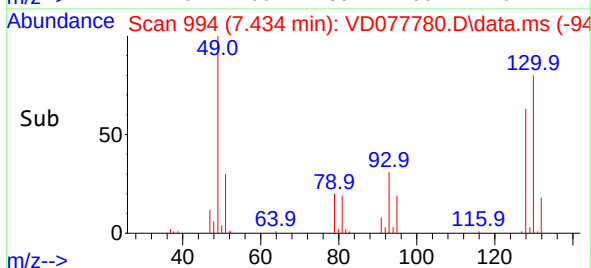
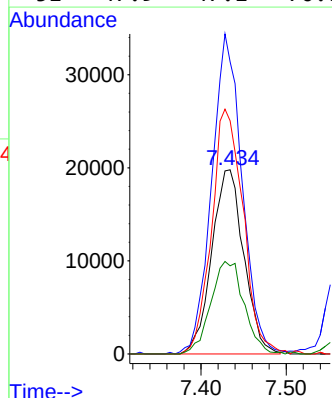
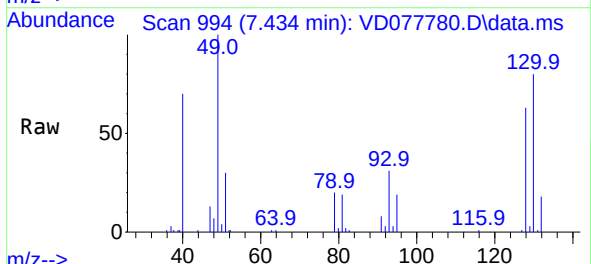
Instrument :
MSVOA_D
ClientSampleId :

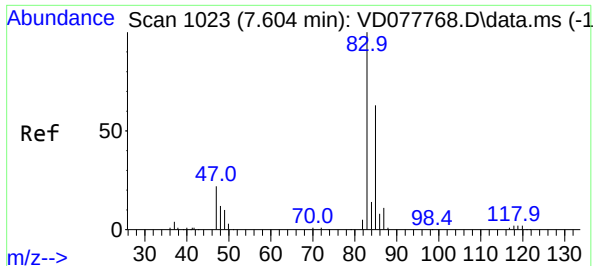
Tgt Ion: 43 Resp: 65872
Ion Ratio Lower Upper
43 100
72 29.4 7.2 21.6#



#23
Bromochloromethane
Concen: 27.502 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:128 Resp: 51726
Ion Ratio Lower Upper
128 100
49 158.6 124.7 231.5
130 126.6 92.3 171.3
51 47.9 47.1 70.7

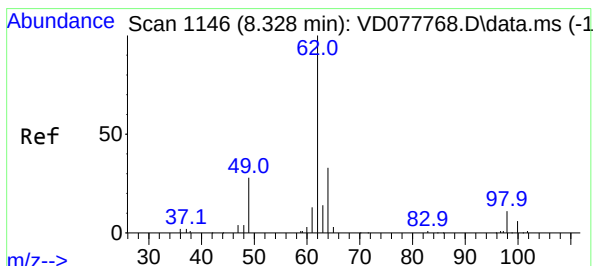
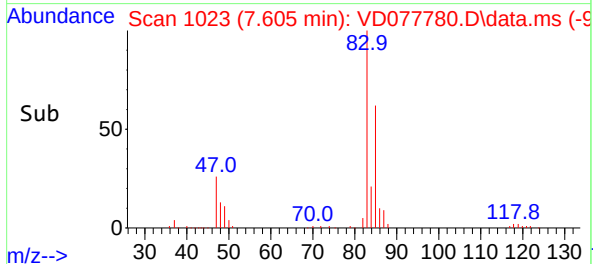
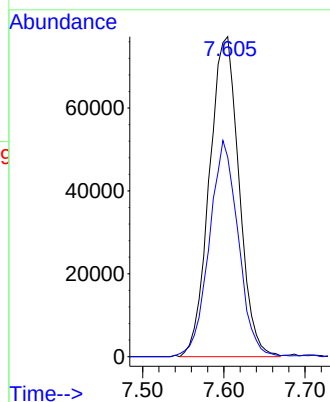
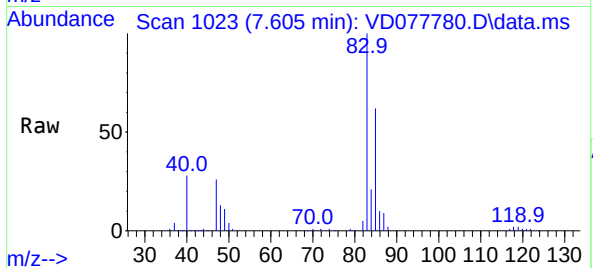




#25
Chloroform
Concen: 25.980 ug/L
RT: 7.605 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

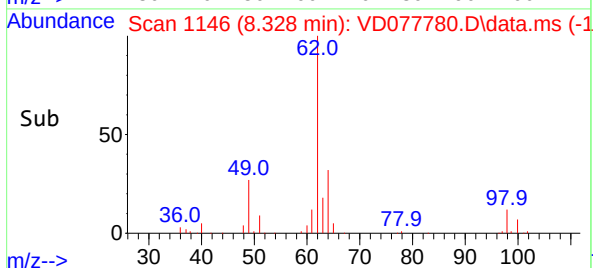
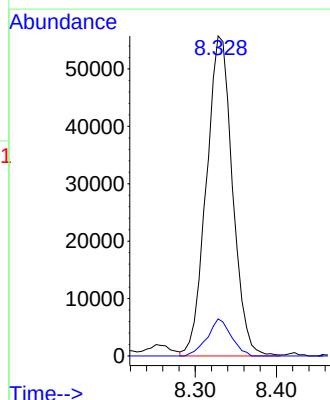
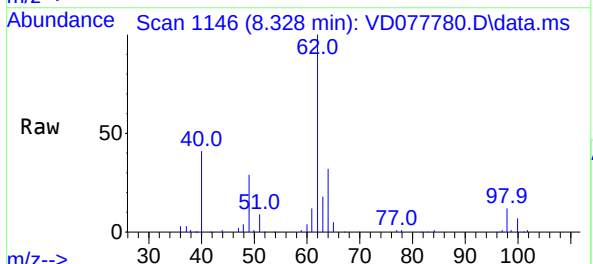
Instrument :
MSVOA_D
ClientSampleId :

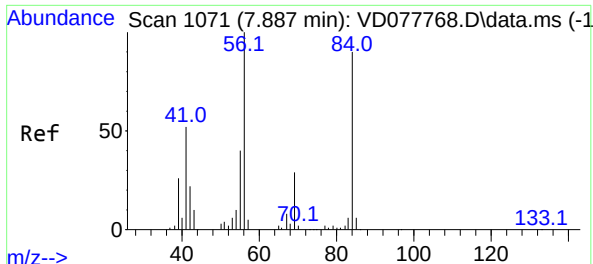
Tgt Ion: 83 Resp: 195973
Ion Ratio Lower Upper
83 100
85 62.4 48.9 90.9



#27
1,2-Dichloroethane
Concen: 26.416 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

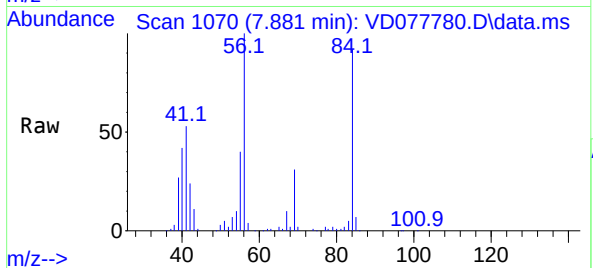
Tgt Ion: 62 Resp: 124639
Ion Ratio Lower Upper
62 100
98 12.4 8.4 12.6



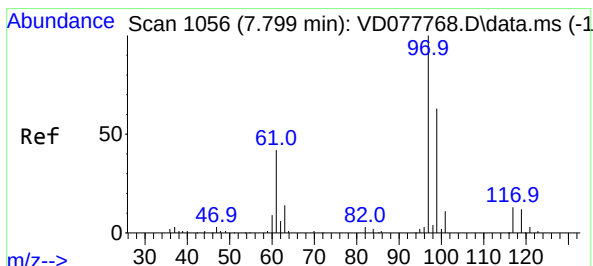
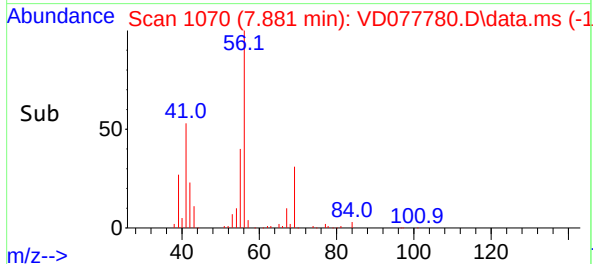
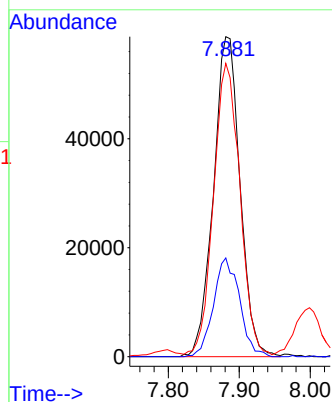


#29
Cyclohexane
Concen: 20.724 ug/L
RT: 7.881 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :

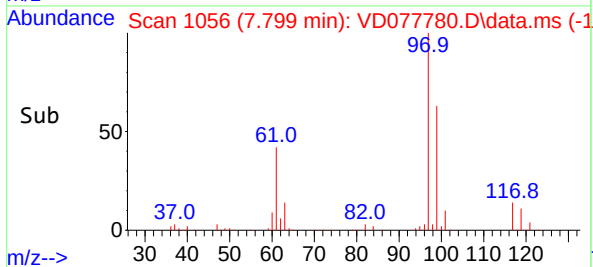
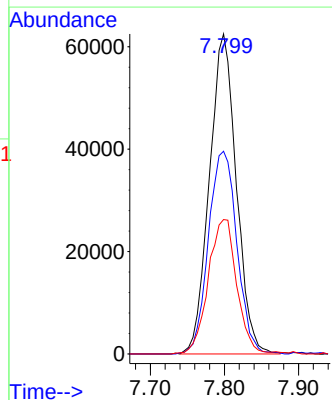
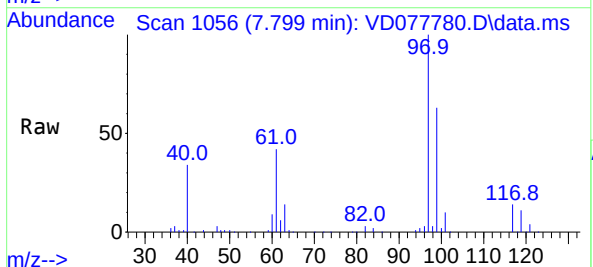


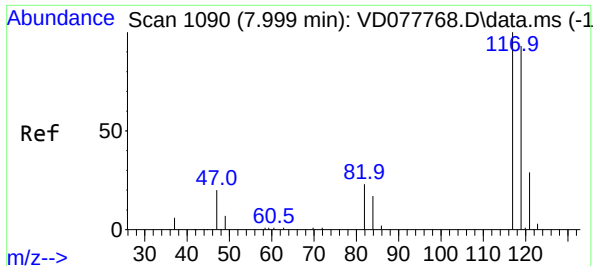
Tgt Ion: 56 Resp: 152357
Ion Ratio Lower Upper
56 100
69 30.1 22.2 33.4
84 91.0 68.5 102.7



#30
1,1,1-Trichloroethane
Concen: 23.162 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 97 Resp: 157904
Ion Ratio Lower Upper
97 100
99 67.1 51.4 77.2
61 44.4 35.4 53.2

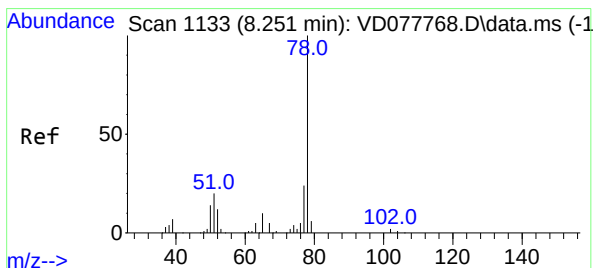
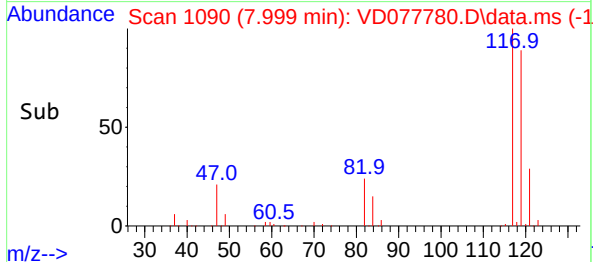
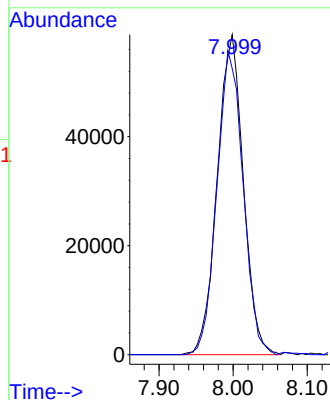
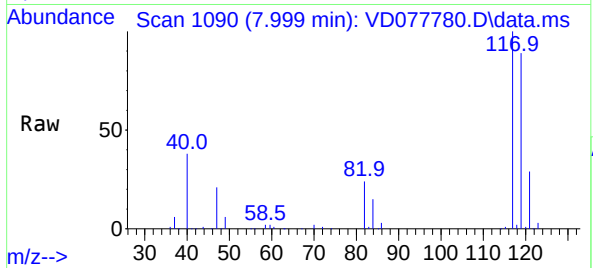




#31
Carbon tetrachloride
Concen: 23.947 ug/L
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

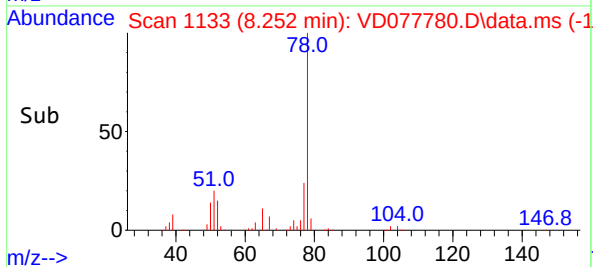
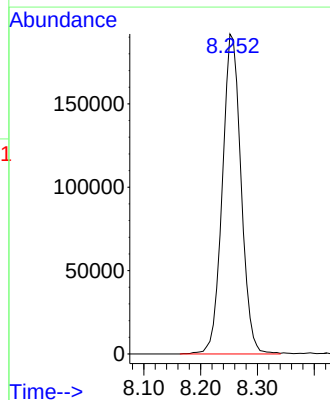
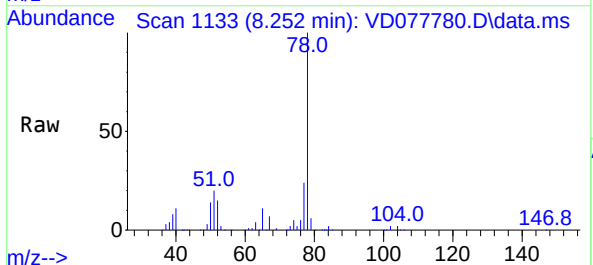
Instrument :
MSVOA_D
ClientSampleId :

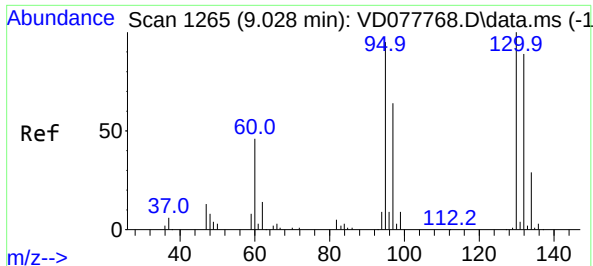
Tgt Ion:117 Resp: 143566
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5



#33
Benzene
Concen: 24.258 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

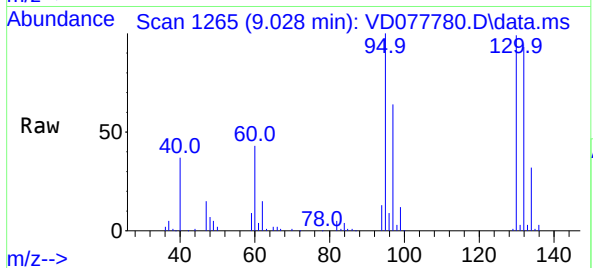
Tgt Ion: 78 Resp: 439893





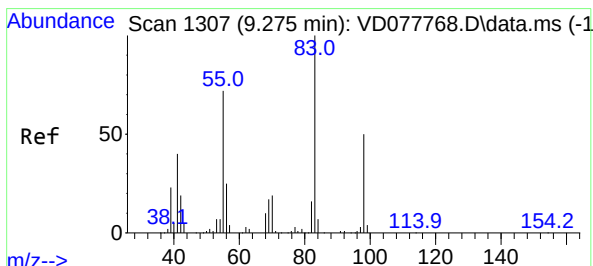
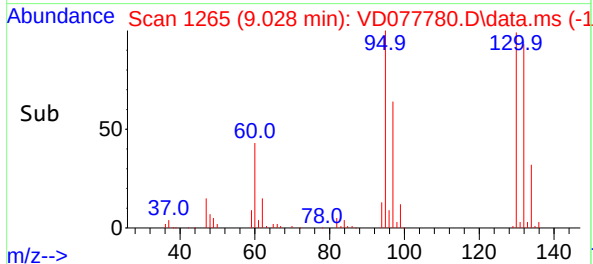
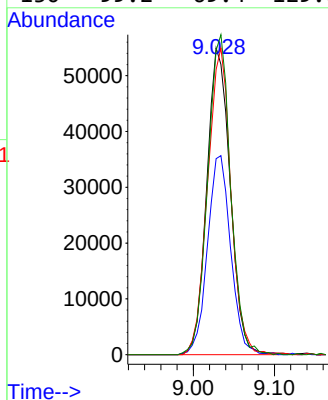
#34
Trichloroethene
Concen: 24.461 ug/L
RT: 9.028 min Scan# 110106
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 110106

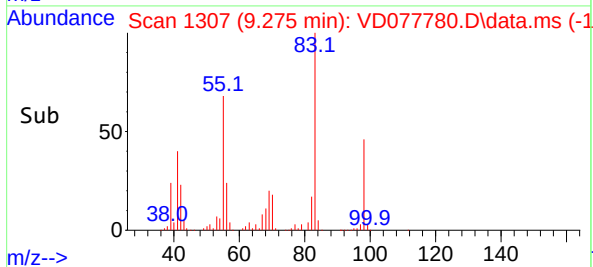
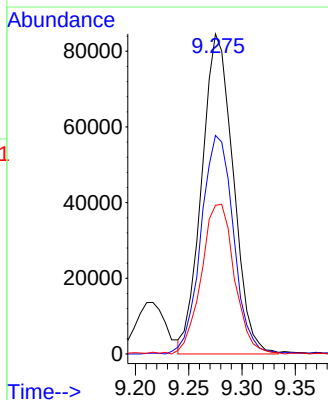
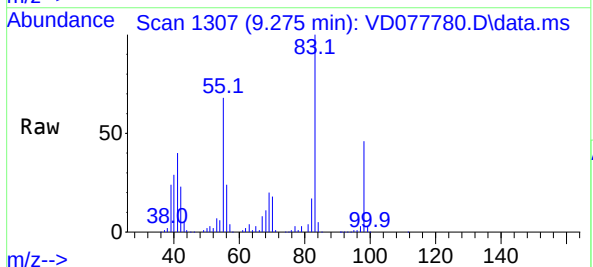
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.2	82.0
132	93.0	67.5	125.3
130	99.2	69.4	129.0

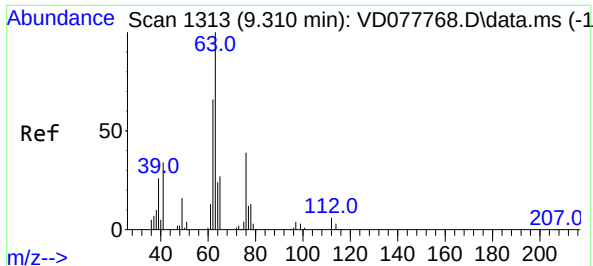


#35
Methylcyclohexane
Concen: 21.787 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 83 Resp: 174110

Ion	Ratio	Lower	Upper
83	100		
55	70.3	59.8	89.6
98	48.9	38.5	57.7

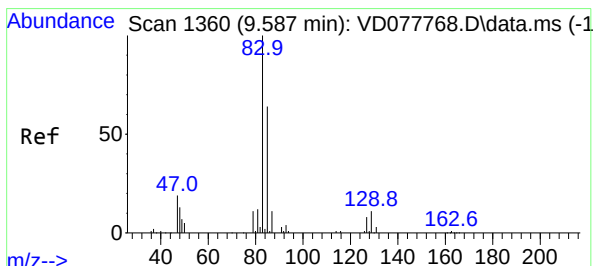
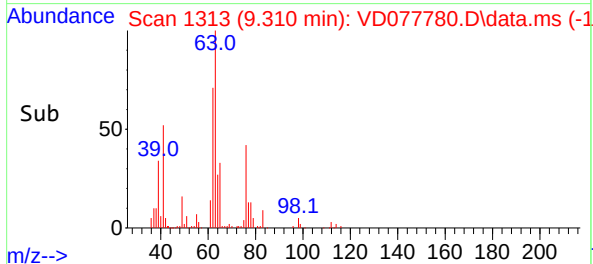
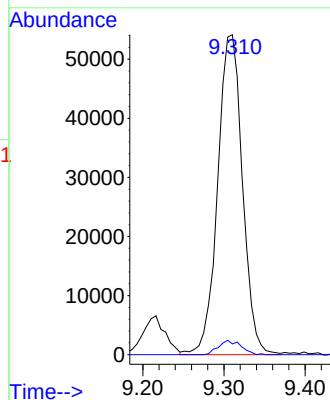
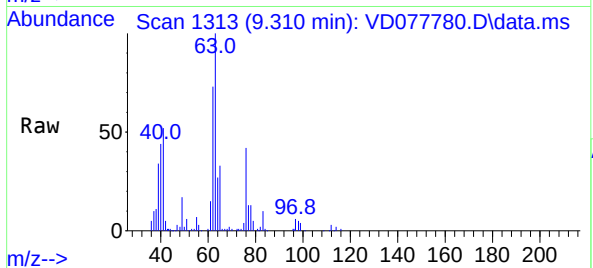




#37
1,2-Dichloropropane
Concen: 24.325 ug/L
RT: 9.310 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

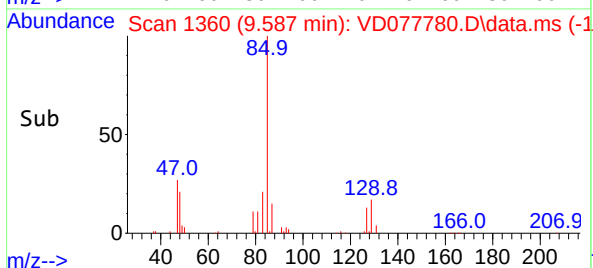
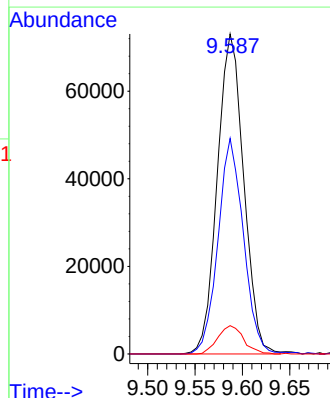
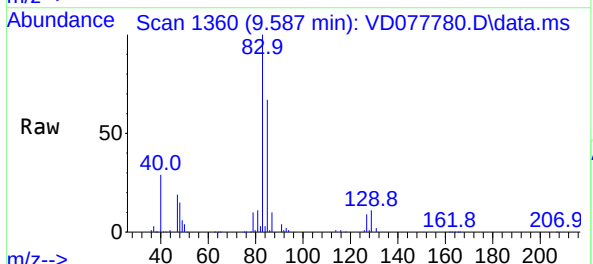
Instrument :
MSVOA_D
ClientSampleId :

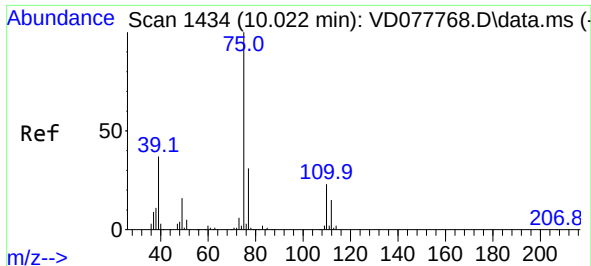
Tgt Ion: 63 Resp: 115009
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3



#38
Bromodichloromethane
Concen: 24.620 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 83 Resp: 141552
Ion Ratio Lower Upper
83 100
85 67.3 45.5 84.5
127 8.8 7.4 11.2

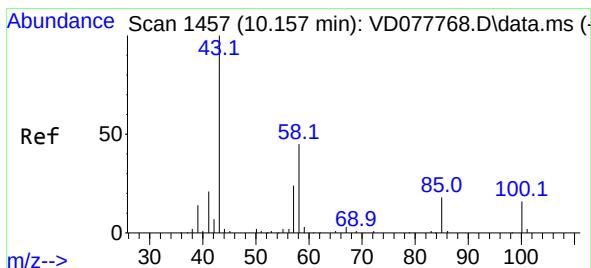
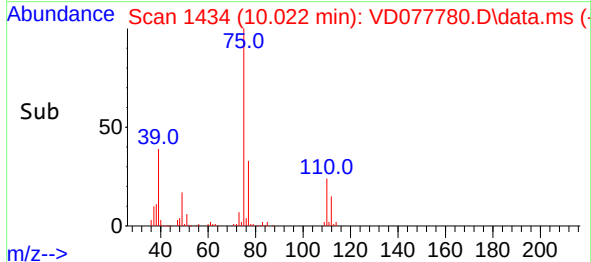
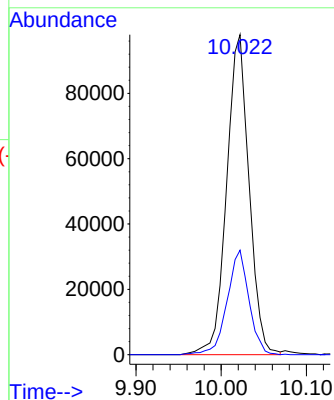
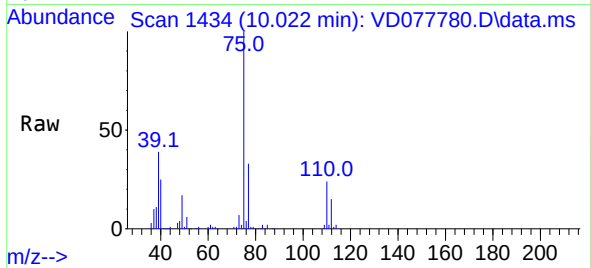




#39
cis-1,3-Dichloropropene
Concen: 24.273 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

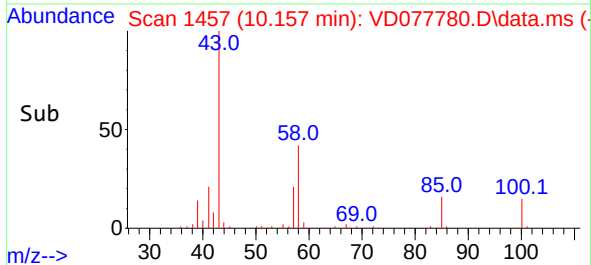
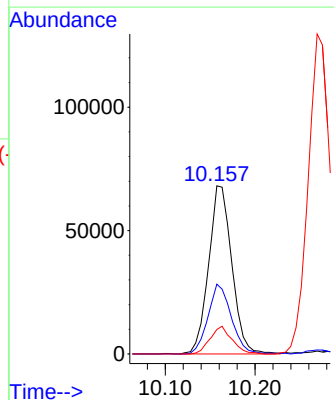
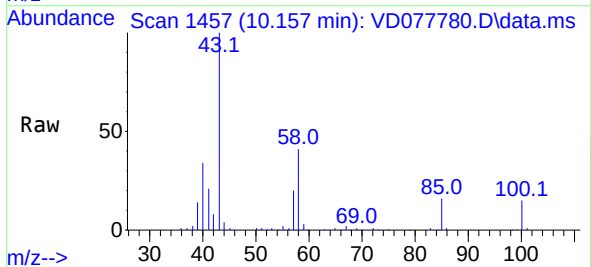
Instrument :
MSVOA_D
ClientSampleId :

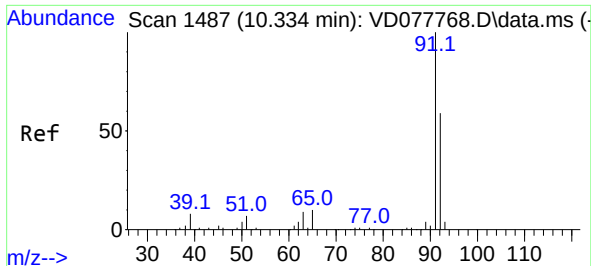
Tgt Ion: 75 Resp: 179217
Ion Ratio Lower Upper
75 100
77 32.7 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 47.004 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 43 Resp: 122632
Ion Ratio Lower Upper
43 100
58 41.4 31.0 46.4
100 15.5 11.9 17.9

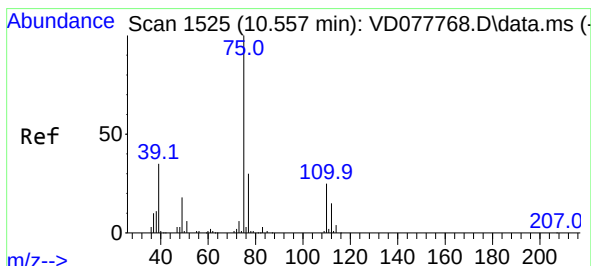
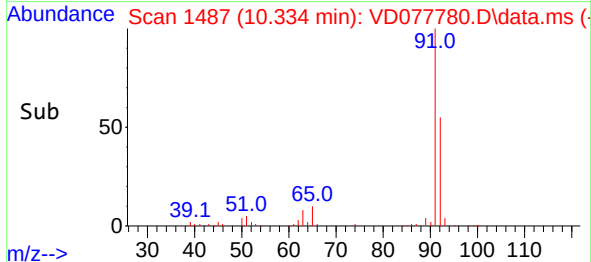
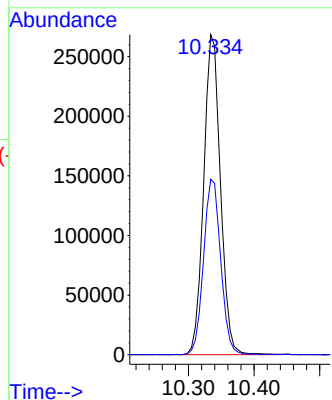
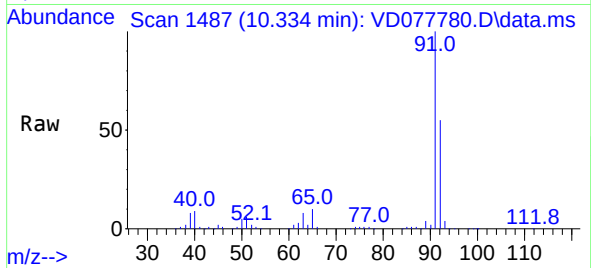




#42
Toluene
Concen: 24.813 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

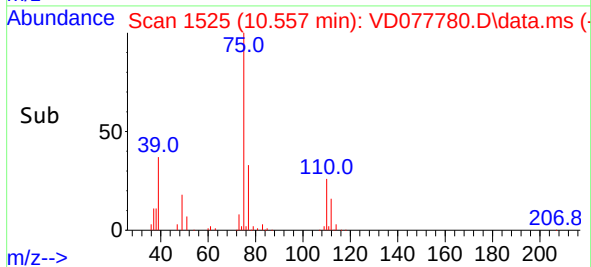
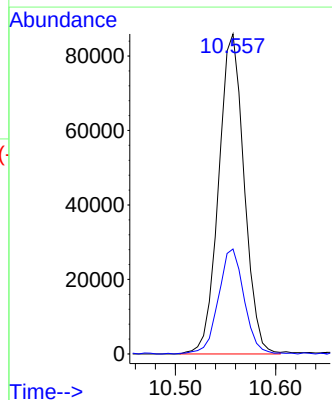
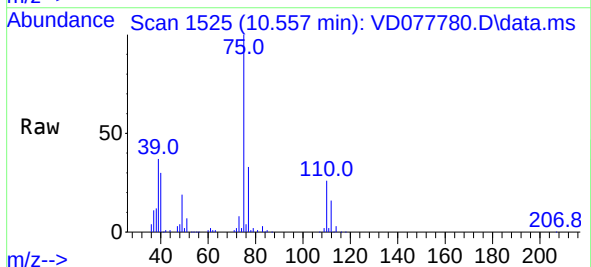
Instrument :
MSVOA_D
ClientSampleId :

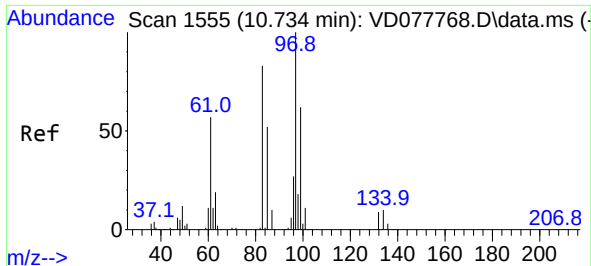
Tgt Ion: 91 Resp: 477916
Ion Ratio Lower Upper
91 100
92 54.8 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 24.611 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

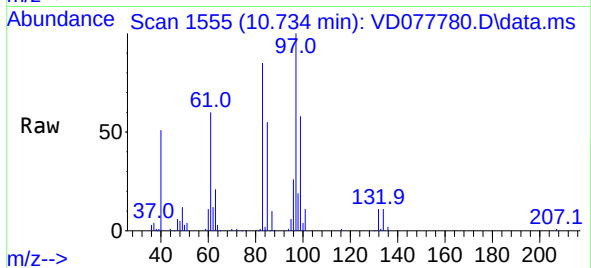
Tgt Ion: 75 Resp: 151776
Ion Ratio Lower Upper
75 100
77 32.8 22.0 40.8





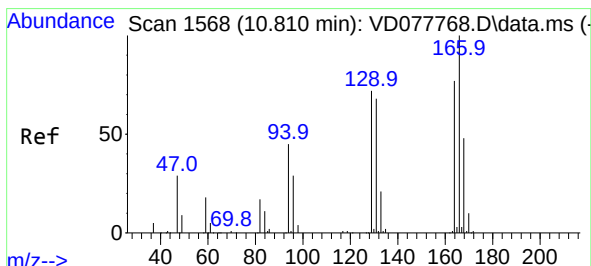
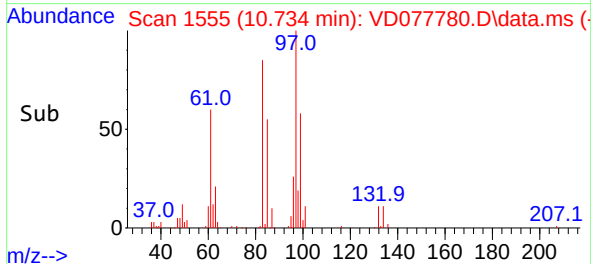
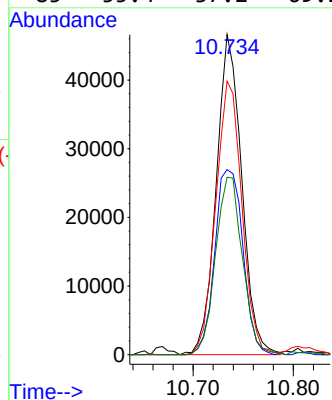
#45
1,1,2-Trichloroethane
Concen: 25.907 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 82262

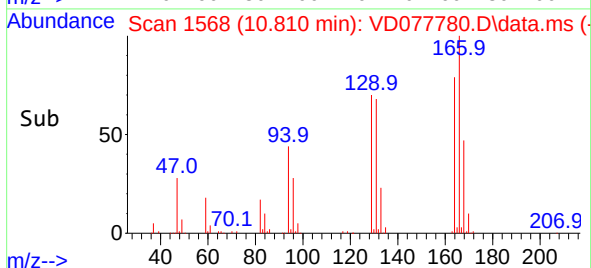
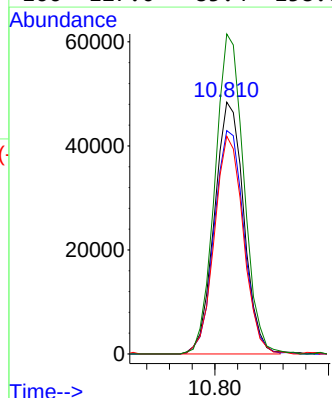
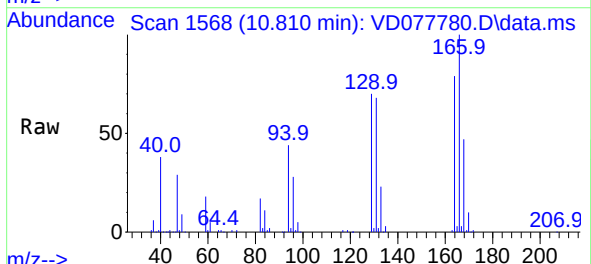
Ion	Ratio	Lower	Upper
97	100		
99	57.8	41.7	77.5
83	85.5	63.6	118.2
85	55.4	37.2	69.2

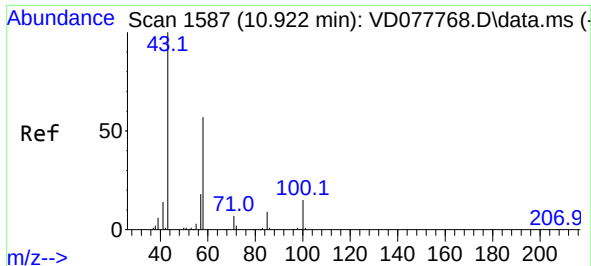


#46
Tetrachloroethene
Concen: 23.932 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:164 Resp: 86867

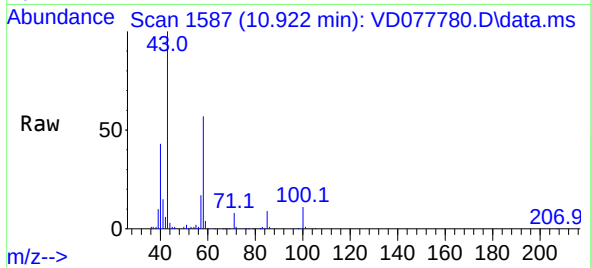
Ion	Ratio	Lower	Upper
164	100		
129	88.7	61.5	114.3
131	86.5	59.1	109.9
166	127.0	85.4	158.6





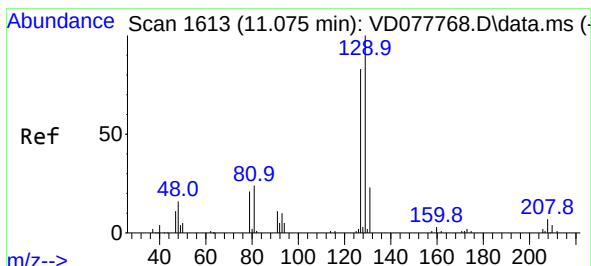
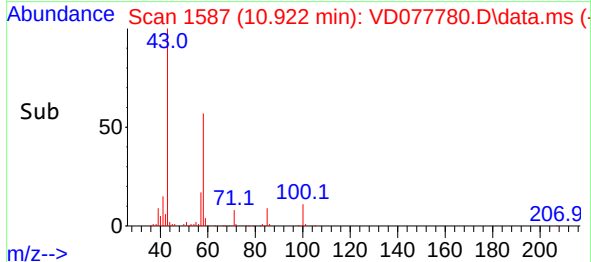
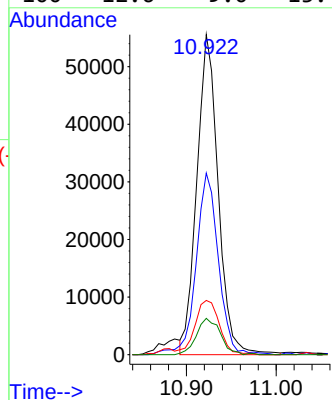
#48
2-Hexanone
Concen: 41.466 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 91956

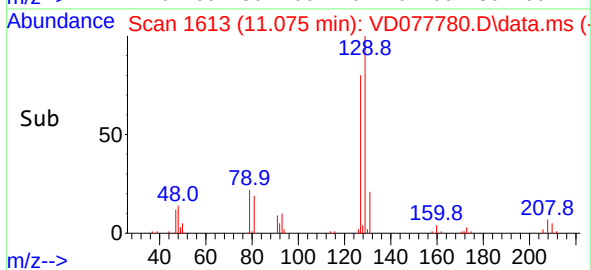
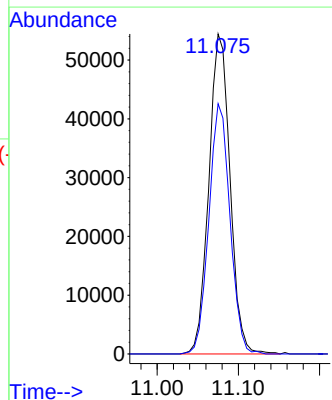
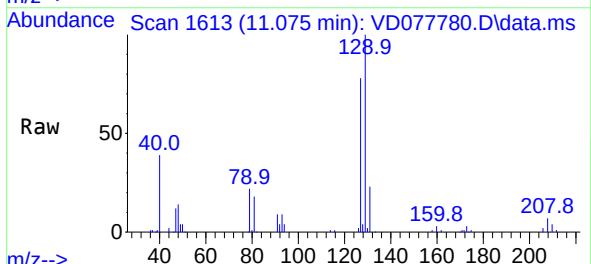
Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.0	64.6
57	19.3	13.8	20.8
100	12.6	9.0	13.4

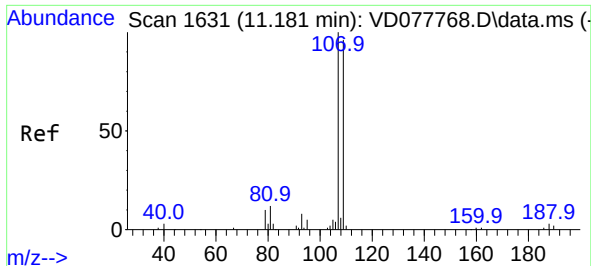


#49
Dibromochloromethane
Concen: 26.150 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 129 Resp: 98733

Ion	Ratio	Lower	Upper
129	100		
127	78.2	52.8	98.2

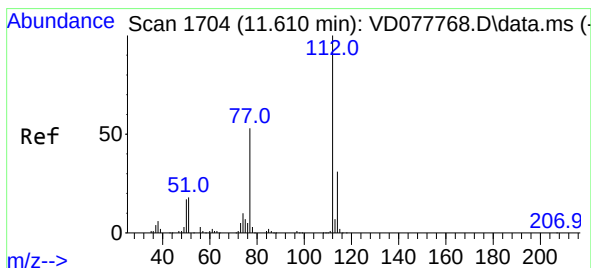
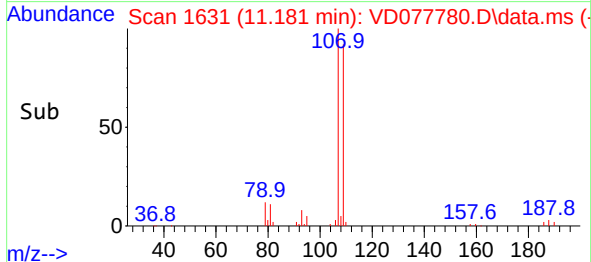
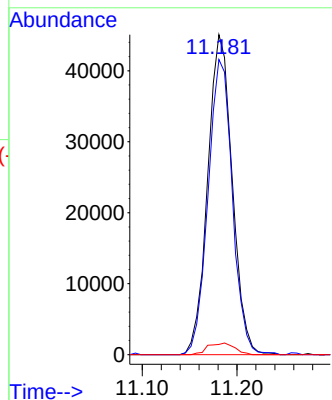
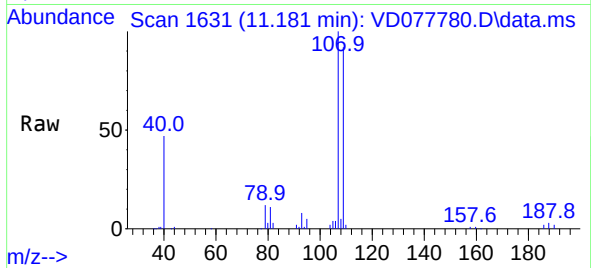




#50
1,2-Dibromoethane
Concen: 26.496 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

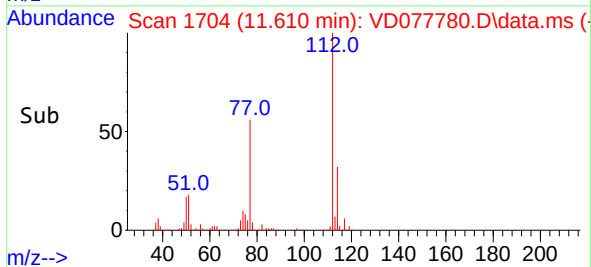
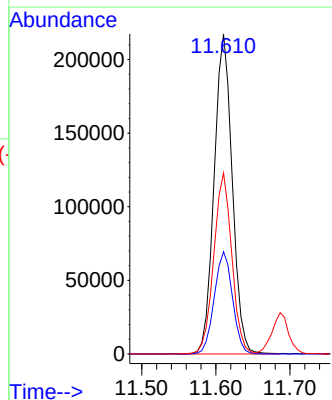
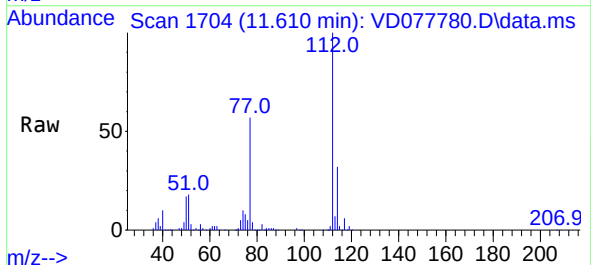
Instrument :
MSVOA_D
ClientSampleId :

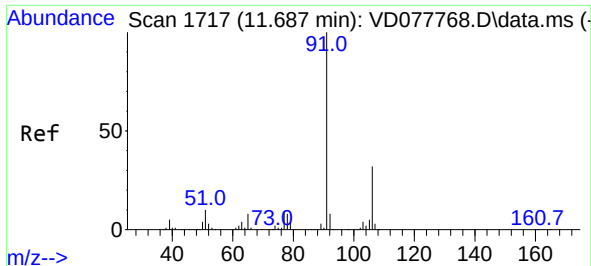
Tgt Ion:107 Resp: 81138
Ion Ratio Lower Upper
107 100
109 92.2 64.2 119.2
188 3.2 2.3 3.5



#51
Chlorobenzene
Concen: 30.883 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:112 Resp: 368840
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 56.6 46.4 69.6

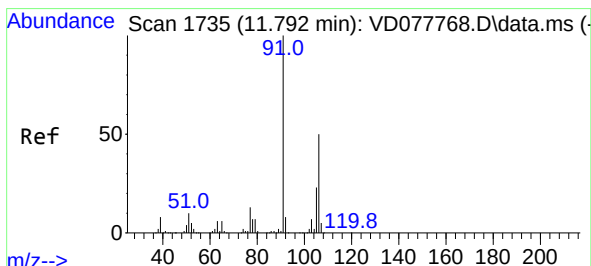
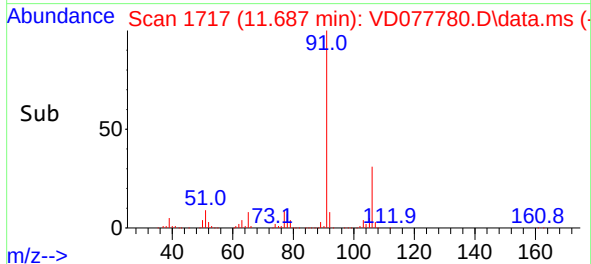
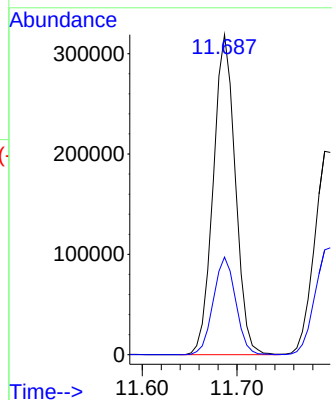
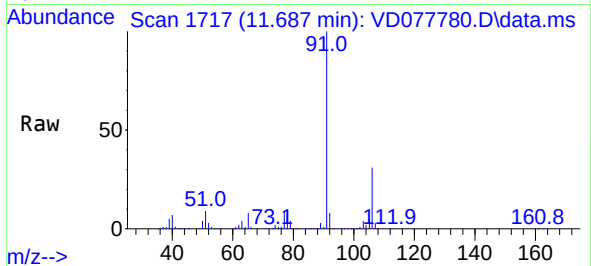




#52
Ethylbenzene
Concen: 24.209 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

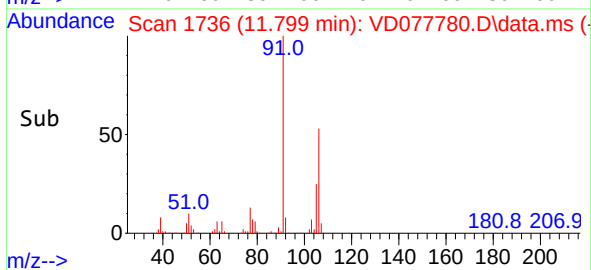
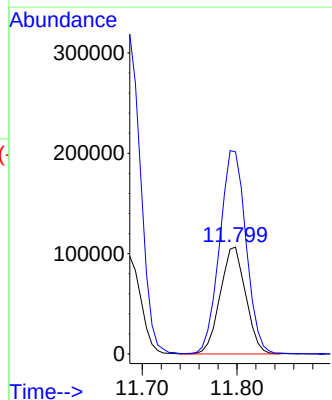
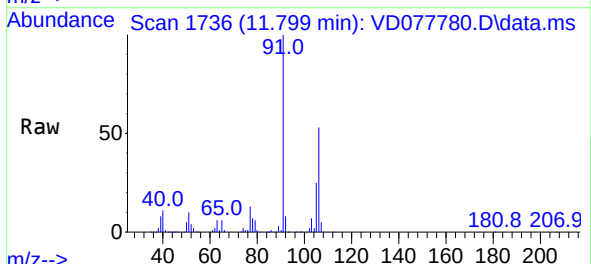
Instrument :
MSVOA_D
ClientSampleId :

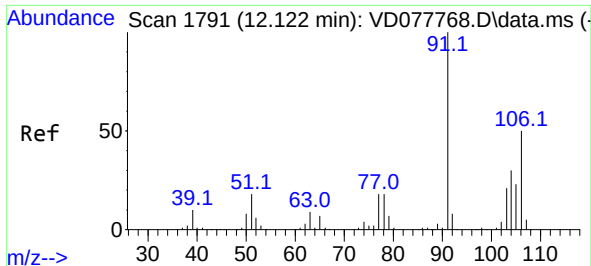
Tgt Ion: 91 Resp: 516891
Ion Ratio Lower Upper
91 100
106 30.5 22.4 41.6



#53
m,p-Xylene
Concen: 24.697 ug/L
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:106 Resp: 199247
Ion Ratio Lower Upper
106 100
91 189.0 140.8 261.6

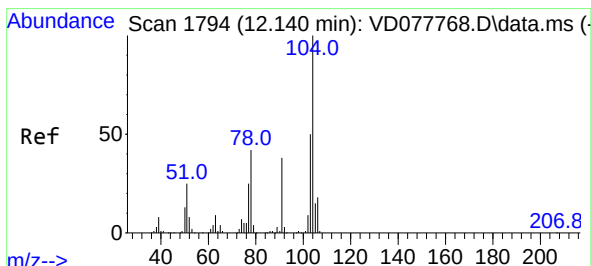
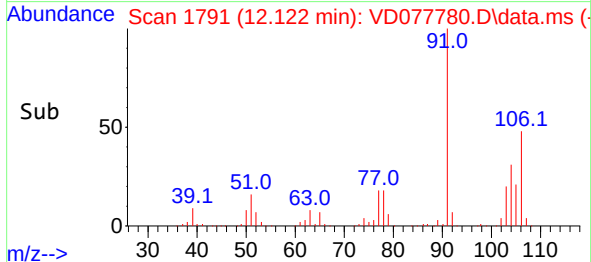
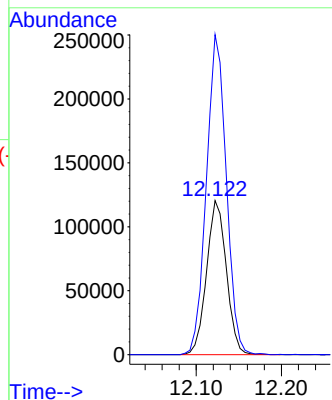
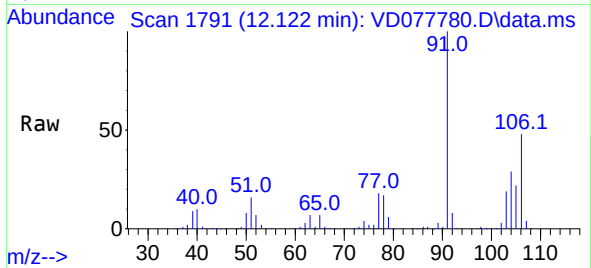




#54
o-Xylene
Concen: 25.217 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

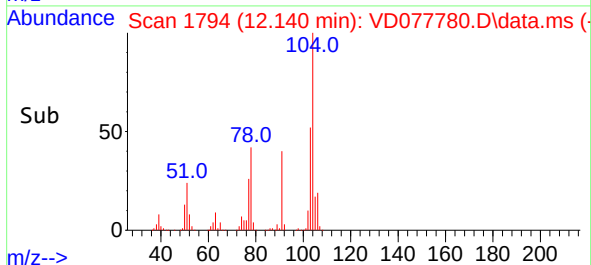
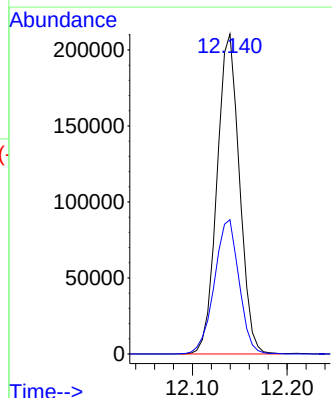
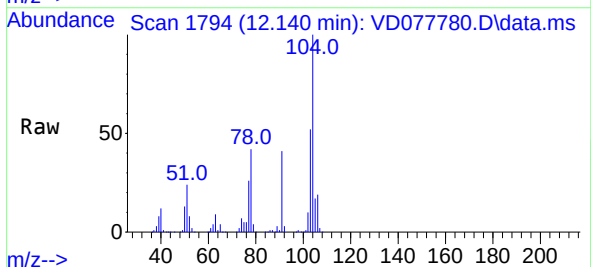
Instrument :
MSVOA_D
ClientSampleId :

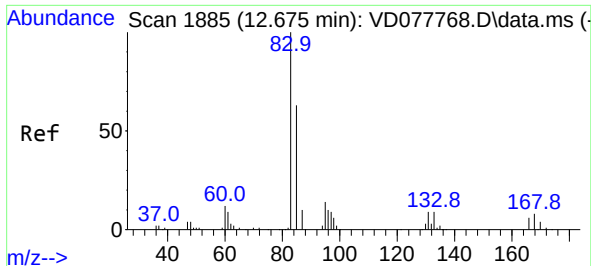
Tgt Ion:106 Resp: 194701
Ion Ratio Lower Upper
106 100
91 207.8 152.2 282.7



#55
Styrene
Concen: 25.705 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:104 Resp: 347285
Ion Ratio Lower Upper
104 100
78 42.0 30.9 57.5

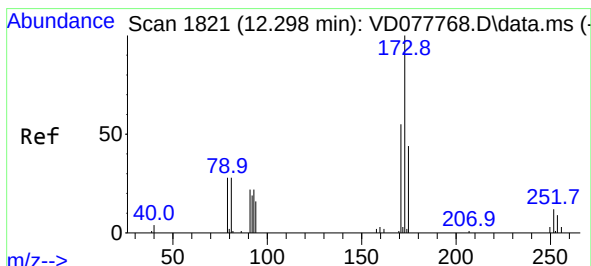
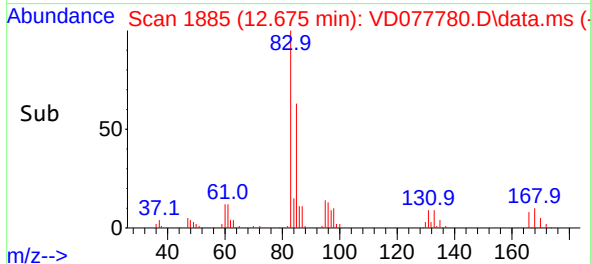
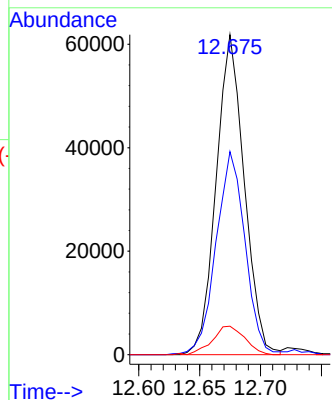
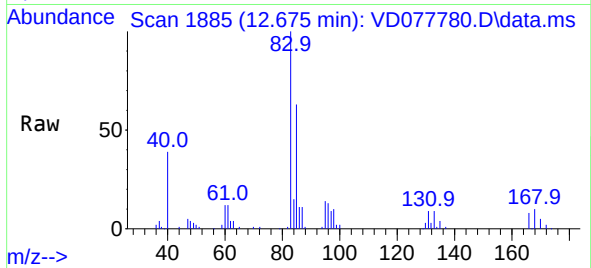




#57
1,1,2,2-Tetrachloroethane
Concen: 26.434 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

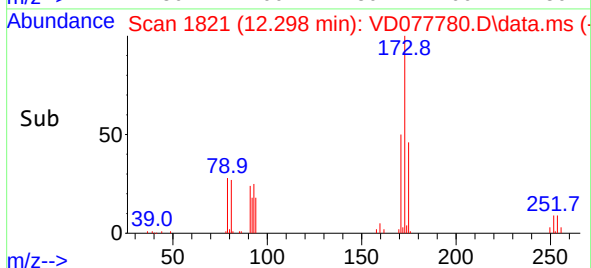
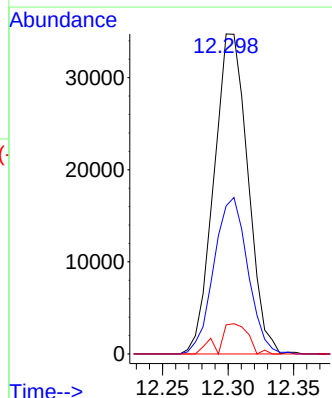
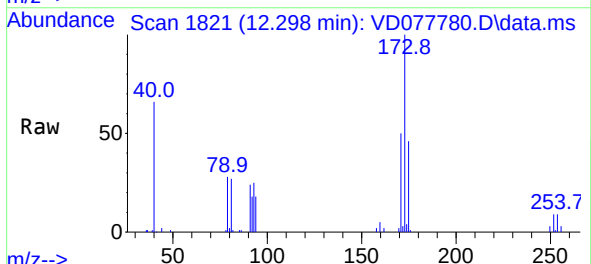
Instrument :
MSVOA_D
ClientSampleId :

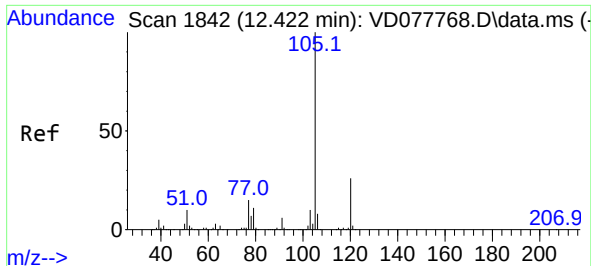
Tgt Ion: 83 Resp: 99457
Ion Ratio Lower Upper
83 100
85 63.4 43.3 80.5
131 8.9 7.3 10.9



#59
Bromoform
Concen: 26.961 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

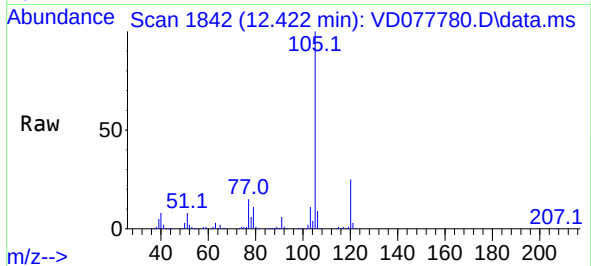
Tgt Ion: 173 Resp: 62522
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 6.5 1.8 2.8



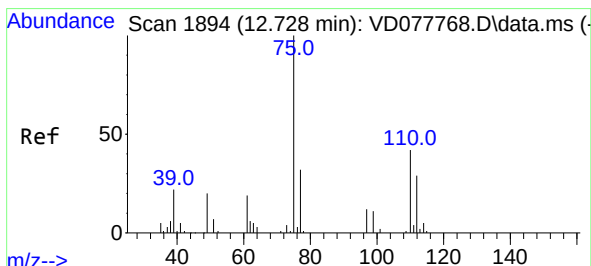
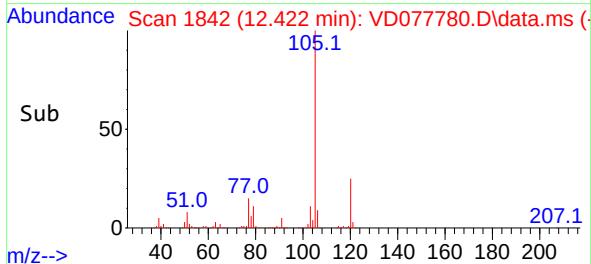
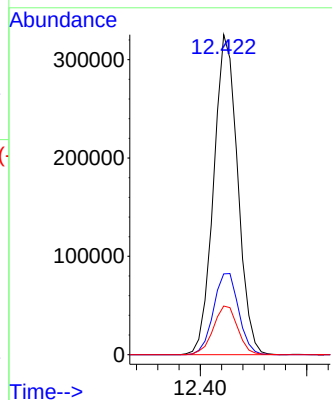


#60
Isopropylbenzene
Concen: 24.347 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :

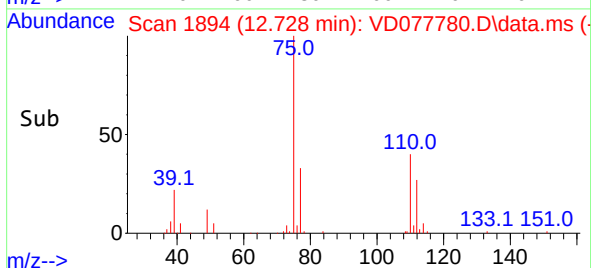
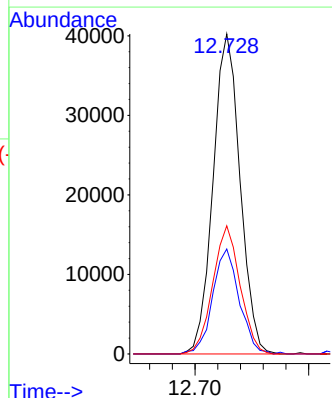
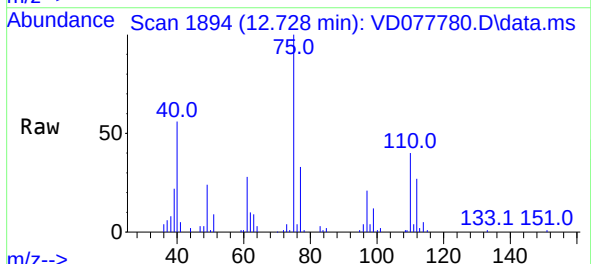


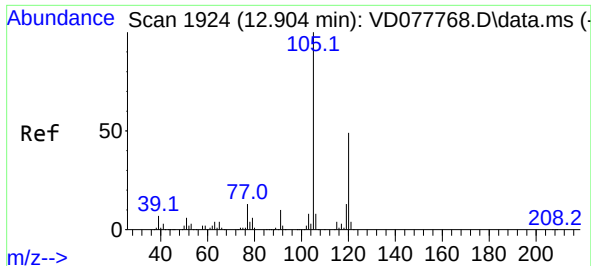
Tgt Ion:105 Resp: 509326
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 25.757 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion: 75 Resp: 66403
Ion Ratio Lower Upper
75 100
77 32.4 26.8 40.2
110 40.6 33.4 50.2

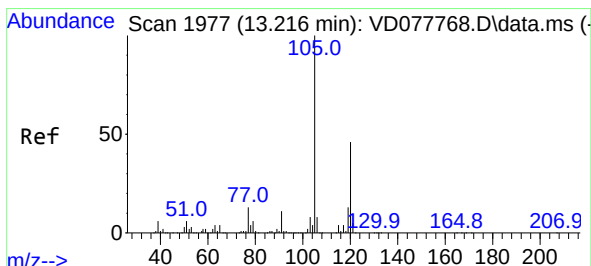
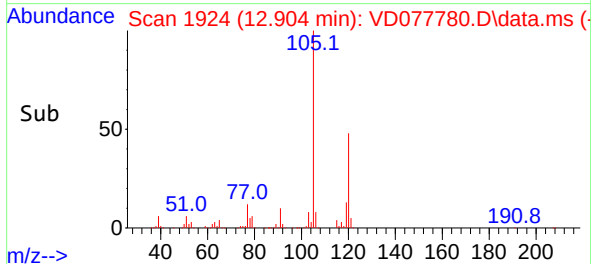
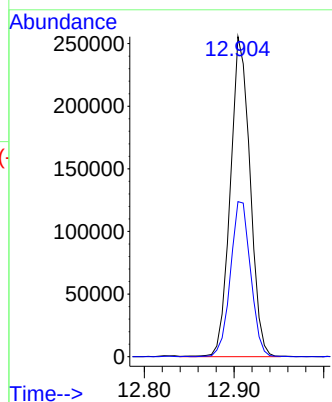
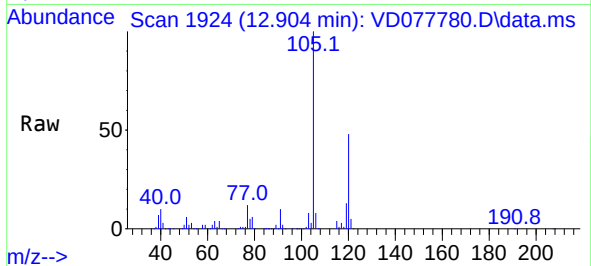




#62
1,3,5-Trimethylbenzene
Concen: 24.754 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

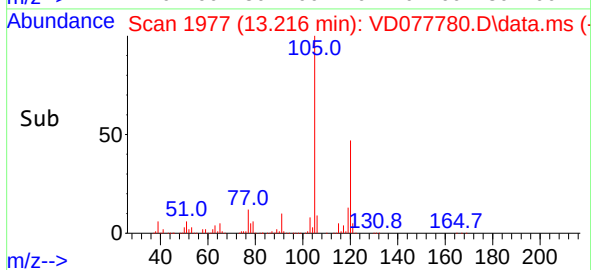
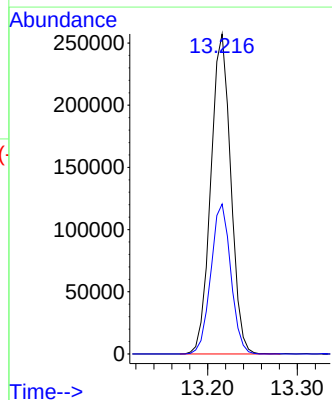
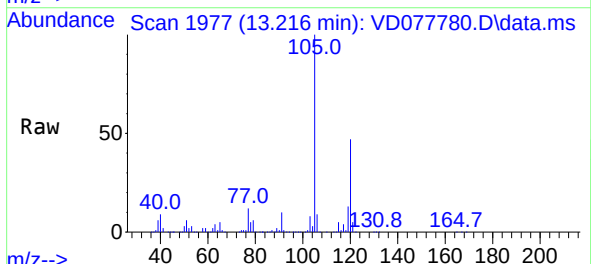
Instrument :
MSVOA_D
ClientSampleId :

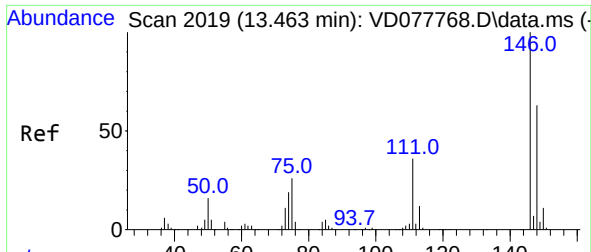
Tgt Ion:105 Resp: 388943
Ion Ratio Lower Upper
105 100
120 49.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 24.901 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:105 Resp: 396704
Ion Ratio Lower Upper
105 100
120 46.8 37.1 55.7

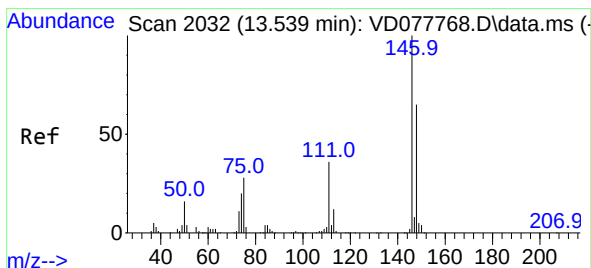
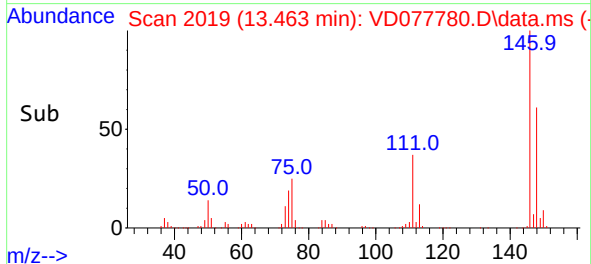
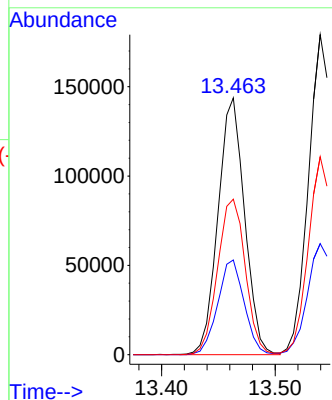
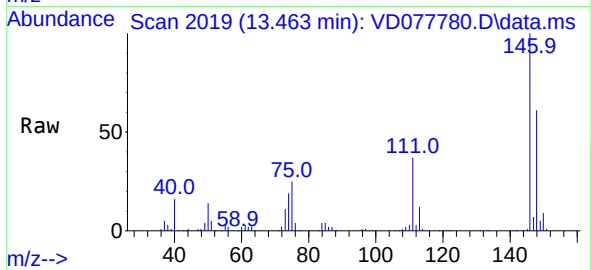




#64
1,3-Dichlorobenzene
Concen: 25.834 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

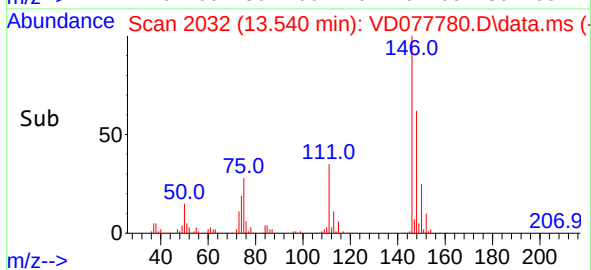
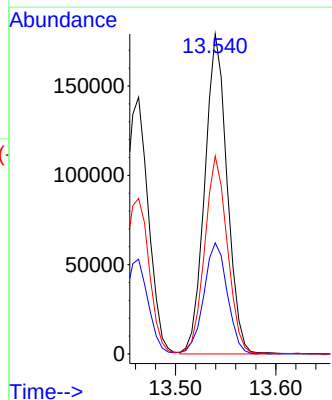
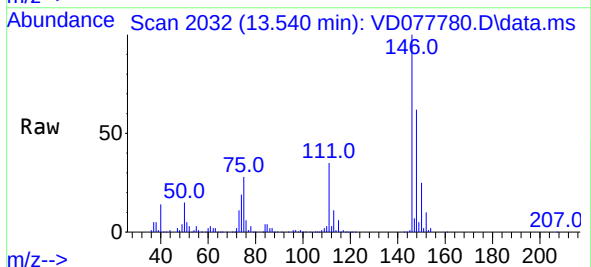
Instrument :
MSVOA_D
ClientSampleId :

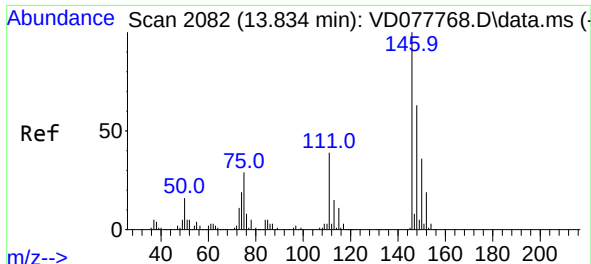
Tgt Ion:146 Resp: 233719
Ion Ratio Lower Upper
146 100
111 36.9 26.6 49.4
148 60.5 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 29.625 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:146 Resp: 278119
Ion Ratio Lower Upper
146 100
111 34.7 26.4 49.0
148 61.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 25.837 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

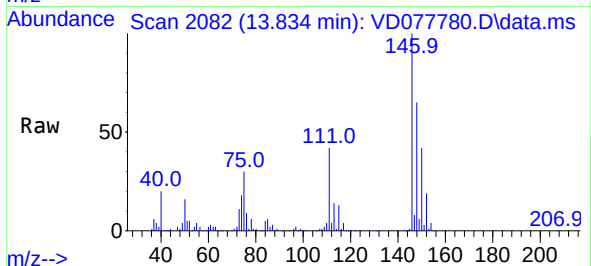
Lab File: VD077780.D

Acq: 07 Dec 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :



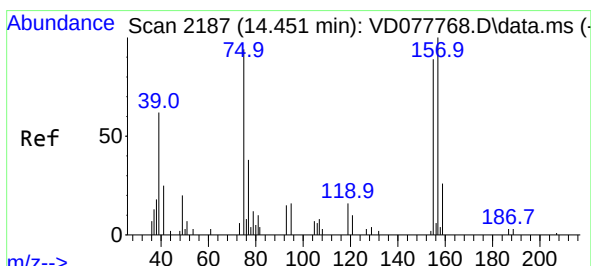
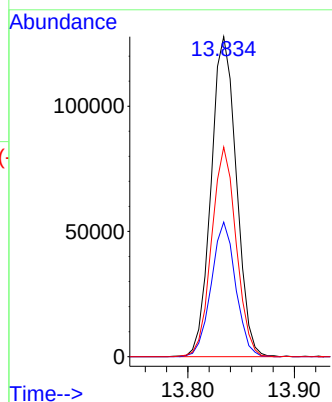
Tgt Ion:146 Resp: 210334

Ion	Ratio	Lower	Upper
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146	100		
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111	42.1	31.4	47.2
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148	65.5	50.2	75.2
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#68

1,2-Dibromo-3-chloropropane

Concen: 21.747 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077780.D

Acq: 07 Dec 2023 17:31

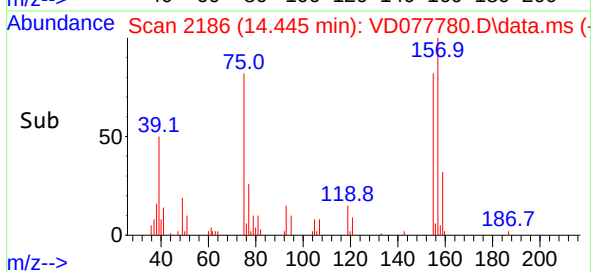
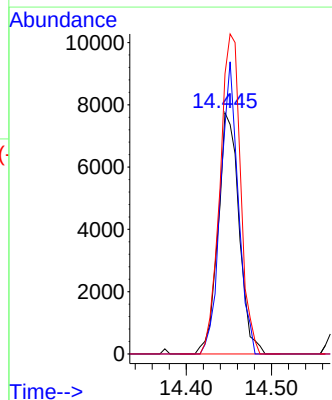
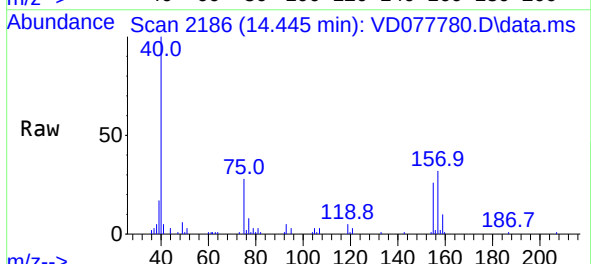
Tgt Ion: 75 Resp: 13220

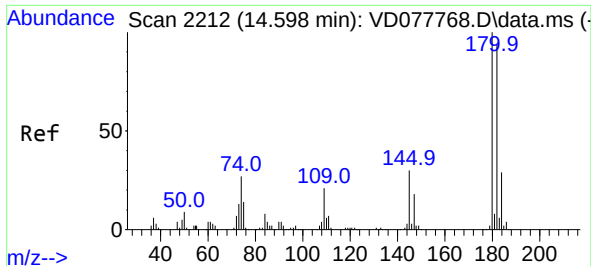
Ion	Ratio	Lower	Upper
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75	100		
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155	94.7	69.2	103.8
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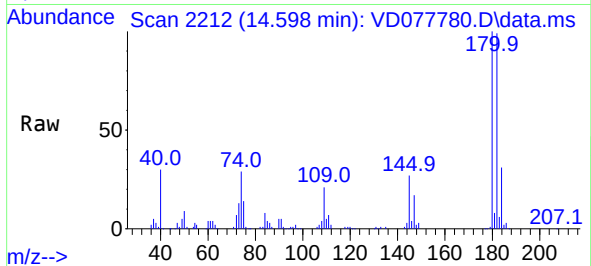
157	116.2	86.6	130.0
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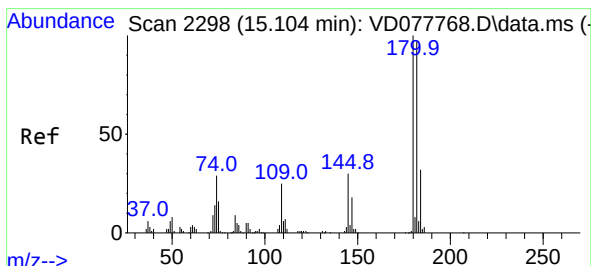
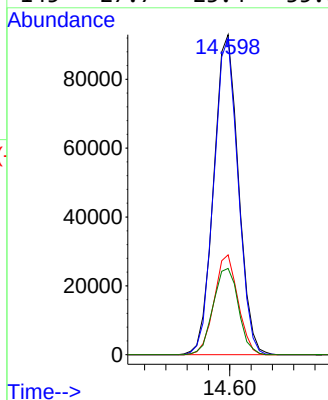
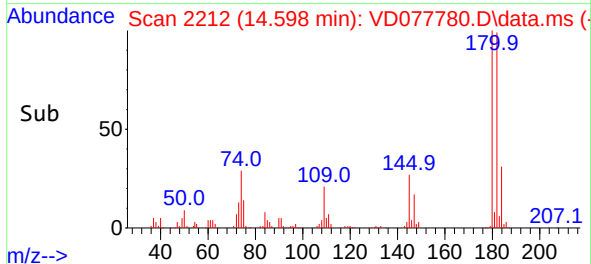


#69
1,3,5-Trichlorobenzene
Concen: 24.239 ug/L
RT: 14.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

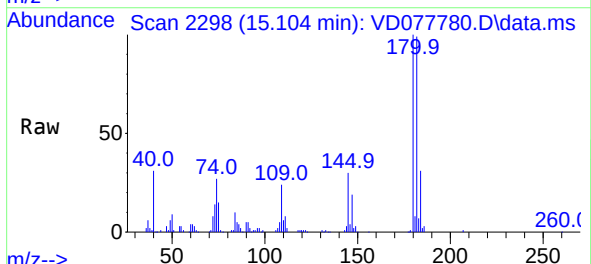
Instrument :
MSVOA_D
ClientSampleId :



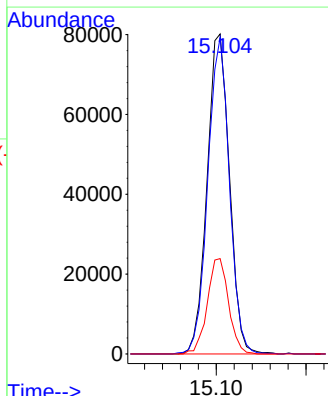
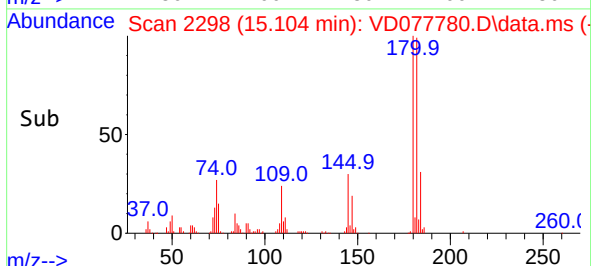
Tgt Ion:180 Resp: 149326
Ion Ratio Lower Upper
180 100
182 96.8 77.0 115.4
184 30.2 24.3 36.5
145 27.7 23.4 35.0

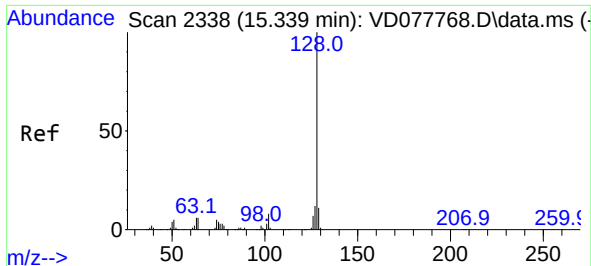


#70
1,2,4-trichlorobenzene
Concen: 26.532 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31



Tgt Ion:180 Resp: 138761
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.6
145 28.3 23.9 35.9



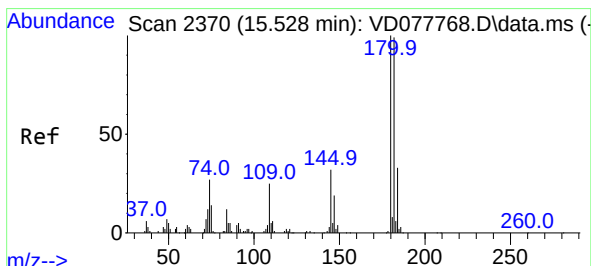
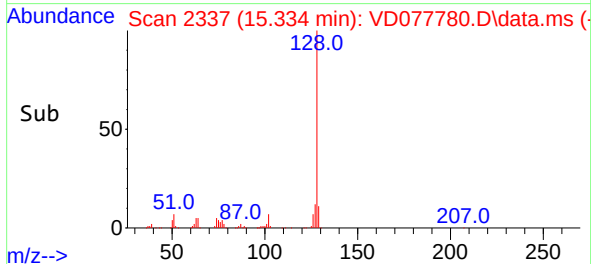
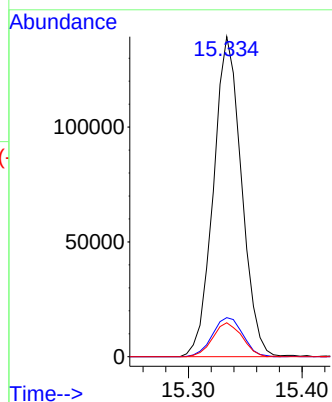
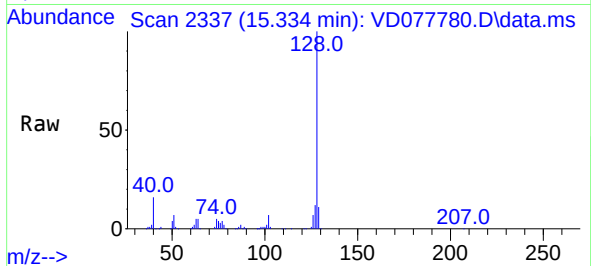


#71
Naphthalene
Concen: 25.060 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 239600

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.888 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077780.D
Acq: 07 Dec 2023 17:31

Tgt Ion:180 Resp: 118688

Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.3	115.9
145	30.7	25.2	37.8

