

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080122.D
 Acq On : 11 Dec 2024 09:29
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 00:20:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	218776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	171976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	10764	3.087	ug/L	0.00
7) Chloroethane-d5	2.793	69	9427	3.032	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	3632	2.709	ug/L	0.00
21) 2-Butanone-d5	6.999	46	1481	2.016	ug/L	0.00
24) Chloroform-d	7.569	84	16281	2.695	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	8390	2.625	ug/L	0.00
32) Benzene-d6	8.199	84	27758	2.716	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	9898	2.853	ug/L	0.00
41) Toluene-d8	10.269	98	24450	2.532	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	4258	2.997	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	2470	4.707	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	8100	2.728	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	8148	2.675	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	8314	2.062	ug/L	96
3) Chloromethane	2.158	50	9334	2.945	ug/L	98
5) Vinyl chloride	2.281	62	12046	2.749	ug/L	98
6) Bromomethane	2.693	94	7724	2.645	ug/L	89
8) Chloroethane	2.834	64	8242	2.822	ug/L	96
9) Trichlorofluoromethane	3.170	101	15998	2.502	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	9375	2.474	ug/L #	84
12) 1,1-Dichloroethene	3.940	96	7662	2.316	ug/L	73
13) Acetone	4.028	43	6675	5.051	ug/L	91
14) Carbon disulfide	4.269	76	25772	2.401	ug/L	99
15) Methyl Acetate	4.575	43	3385	2.136	ug/L #	89
16) Methylene chloride	4.805	84	6055	1.611	ug/L	89
17) trans-1,2-Dichloroethene	5.299	96	3211	0.956	ug/L	75
18) Methyl tert-butyl Ether	5.311	73	7977	1.107	ug/L #	72
19) 1,1-Dichloroethane	6.111	63	16390	2.566	ug/L #	86
20) cis-1,2-Dichloroethene	7.075	96	4702	1.306	ug/L	81
22) 2-Butanone	7.087	43	3973	3.024	ug/L	96
23) Bromochloromethane	7.422	128	4811	2.742	ug/L	93
25) Chloroform	7.593	83	21085	2.919	ug/L	99
27) 1,2-Dichloroethane	8.328	62	10563	2.557	ug/L #	82
29) Cyclohexane	7.875	56	8890	2.172	ug/L	85
30) 1,1,1-Trichloroethane	7.793	97	15131	3.038	ug/L	98
31) Carbon tetrachloride	7.993	117	11965	2.899	ug/L	96
33) Benzene	8.252	78	33817	2.723	ug/L	100
34) Trichloroethene	9.028	95	9729	2.882	ug/L	93
35) Methylcyclohexane	9.275	83	11526	2.311	ug/L	96
37) 1,2-Dichloropropane	9.305	63	10470	2.942	ug/L #	96
38) Bromodichloromethane	9.587	83	13628	3.037	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	13685	2.694	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	9976	5.070	ug/L	98
42) Toluene	10.334	91	33673	2.499	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	10992	2.627	ug/L	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080122.D
 Acq On : 11 Dec 2024 09:29
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 00:20:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

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

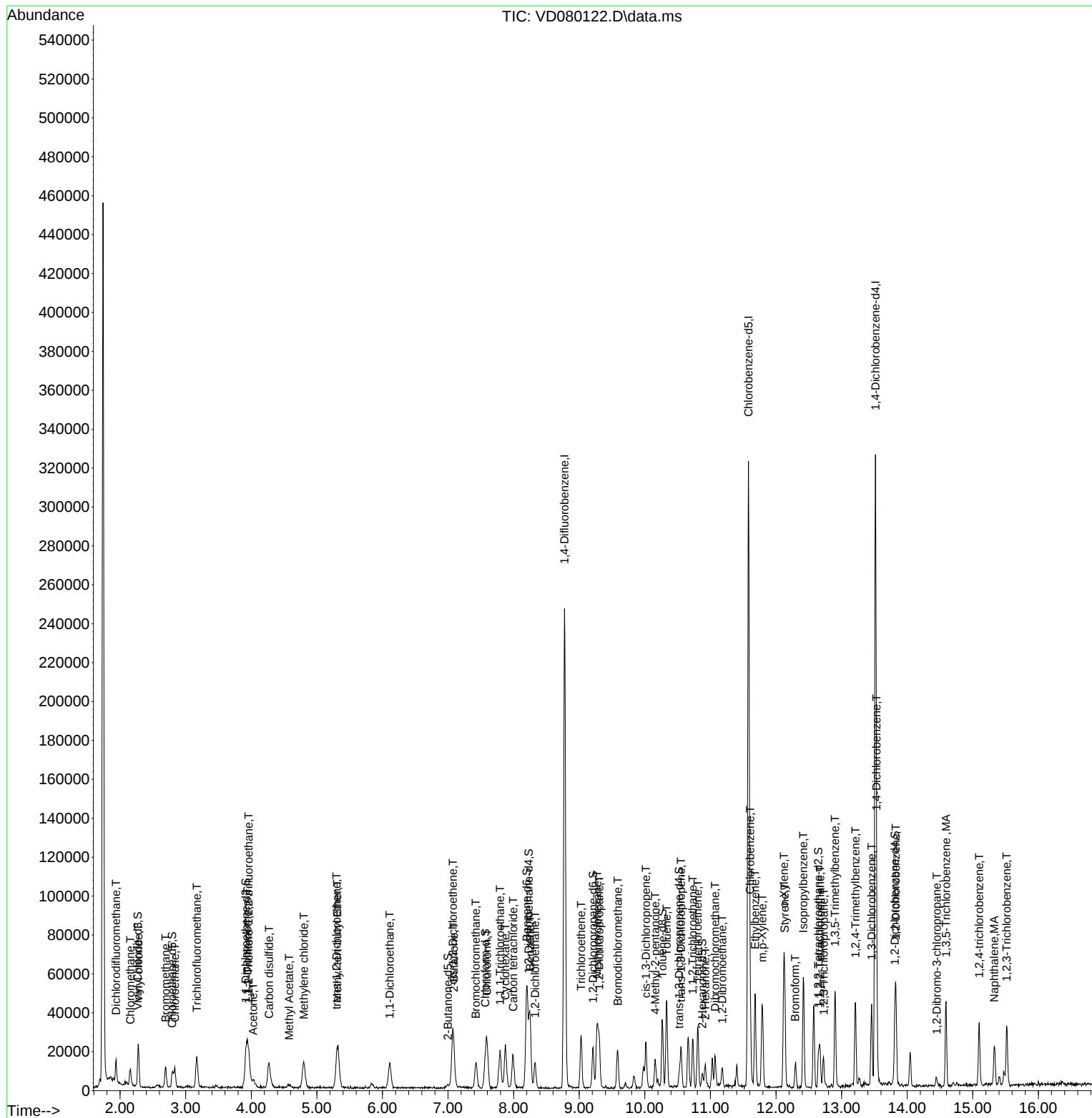
45) 1,1,2-Trichloroethane	10.728	97	7539	2.945	ug/L	93
46) Tetrachloroethene	10.804	164	6303	2.696	ug/L	89
48) 2-Hexanone	10.922	43	7602	4.843	ug/L #	98
49) Dibromochloromethane	11.069	129	7795	2.805	ug/L	80
50) 1,2-Dibromoethane	11.181	107	6169	2.718	ug/L	91
51) Chlorobenzene	11.604	112	21567	2.674	ug/L	96
52) Ethylbenzene	11.681	91	31795	2.376	ug/L	98
53) m,p-Xylene	11.793	106	12949	2.531	ug/L	77
54) o-Xylene	12.122	106	12141	2.473	ug/L	84
55) Styrene	12.134	104	21423	2.411	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	9436	2.894	ug/L	87
59) Bromoform	12.293	173	5512	3.397	ug/L	93
60) Isopropylbenzene	12.416	105	34995	2.915	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	6341	3.048	ug/L	94
62) 1,3,5-Trimethylbenzene	12.898	105	24505	2.448	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	22428	2.355	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	15527	2.659	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	17469	2.775	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	14632	2.595	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.451	75	1268	3.022	ug/L	86
69) 1,3,5-Trichlorobenzene	14.592	180	13707	3.398	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	9758	3.026	ug/L	96
71) Naphthalene	15.328	128	17289	2.822	ug/L	97
72) 1,2,3-Trichlorobenzene	15.516	180	10868	3.348	ug/L	96

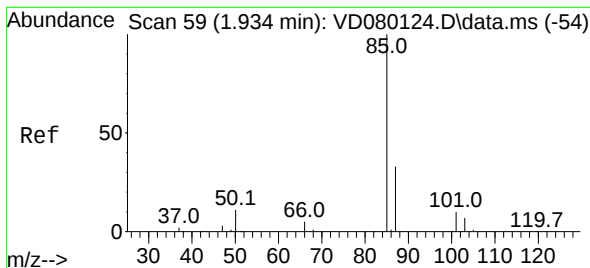
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
Data File : VD080122.D
Acq On : 11 Dec 2024 09:29
Operator : RP/MD
Sample : VSTD2.5
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

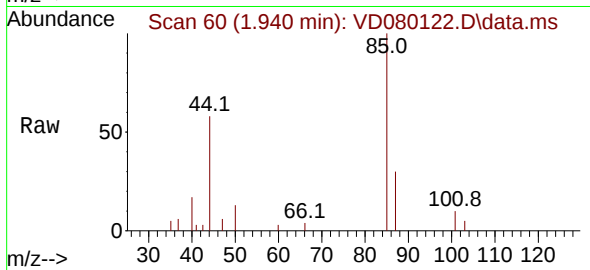
Quant Time: Dec 12 00:20:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 12 00:19:44 2024
Response via : Initial Calibration



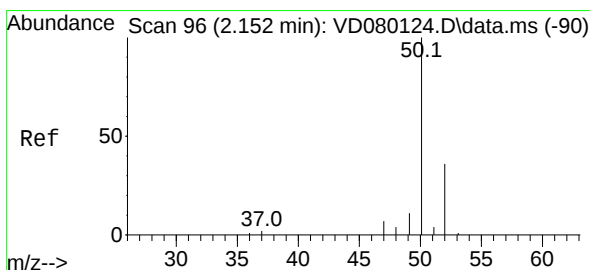
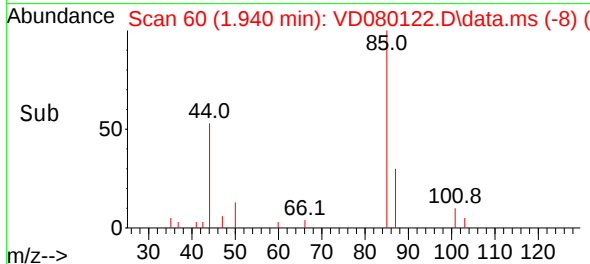
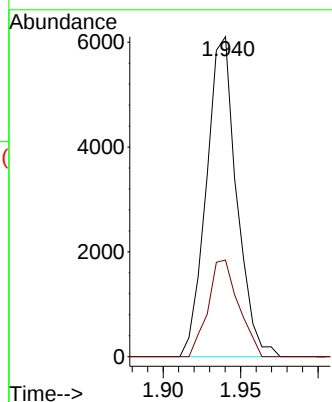


#2
Dichlorodifluoromethane
Concen: 2.062 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Instrument :
MSVOA_D
ClientSampleId :

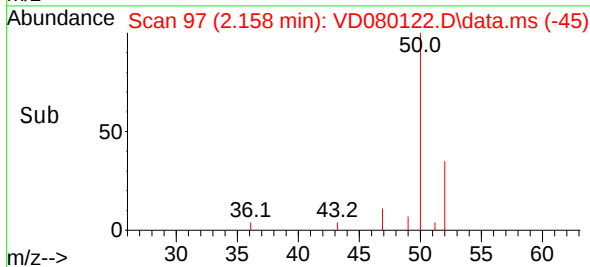
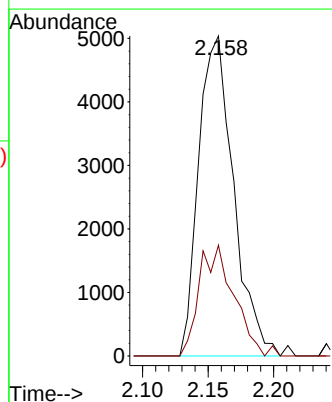
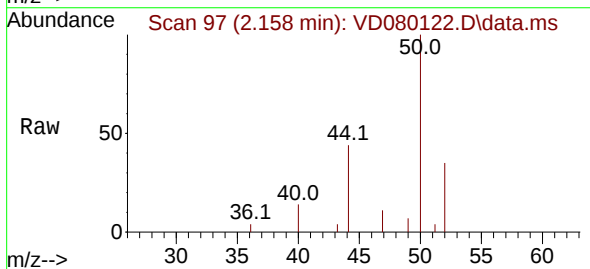


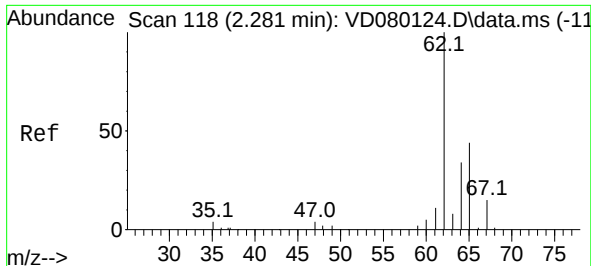
Tgt Ion: 85 Resp: 8314
Ion Ratio Lower Upper
85 100
87 30.4 26.2 39.2



#3
Chloromethane
Concen: 2.945 ug/L
RT: 2.158 min Scan# 97
Delta R.T. 0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 50 Resp: 9334
Ion Ratio Lower Upper
50 100
52 34.6 25.1 46.7

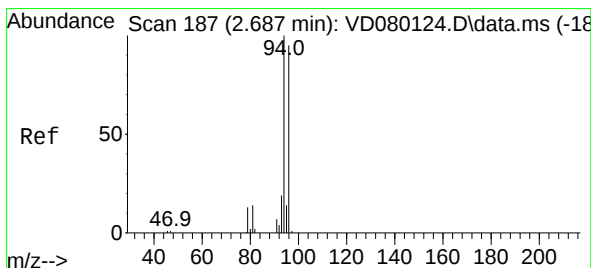
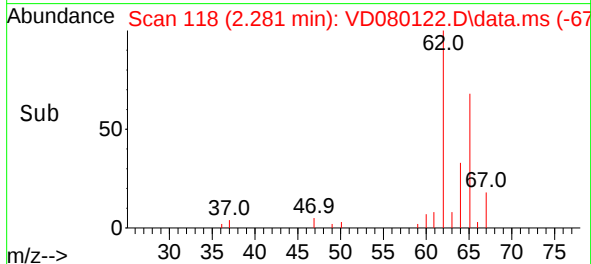
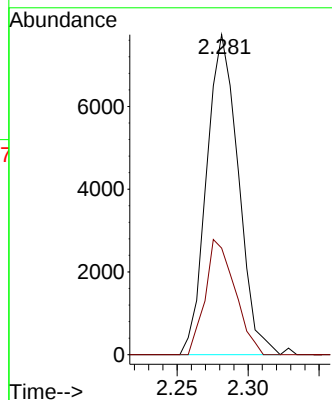
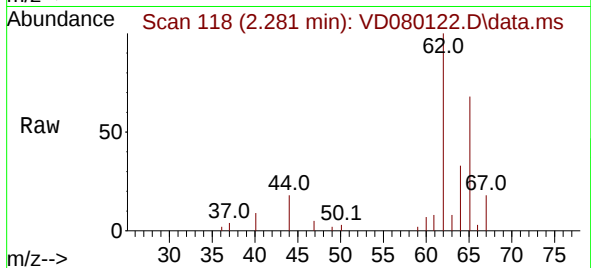




#5
 Vinyl chloride
 Concen: 2.749 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD080122.D
 Acq: 11 Dec 2024 09:29

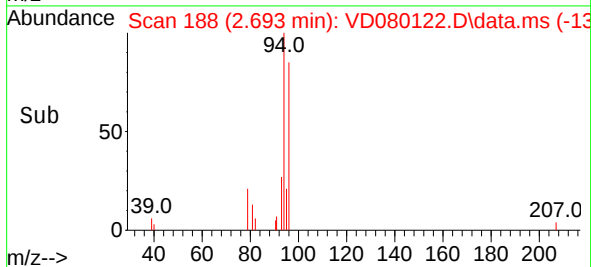
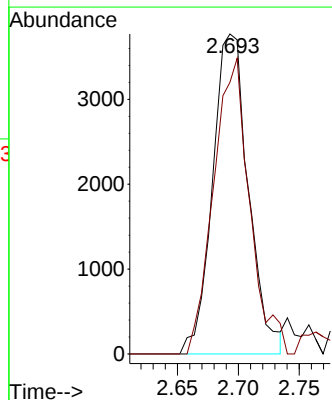
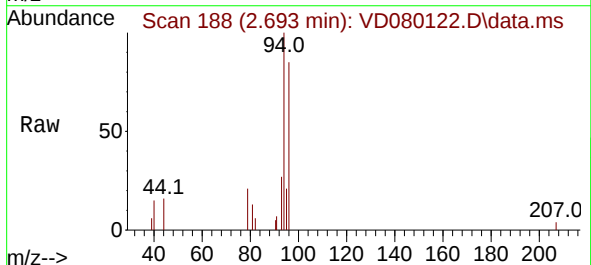
Instrument :
 MSVOA_D
 ClientSampleId :

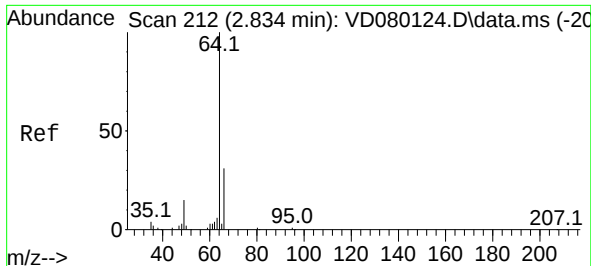
Tgt Ion: 62 Resp: 12046
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.0 44.6



#6
 Bromomethane
 Concen: 2.645 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD080122.D
 Acq: 11 Dec 2024 09:29

Tgt Ion: 94 Resp: 7724
 Ion Ratio Lower Upper
 94 100
 96 84.9 66.8 124.0

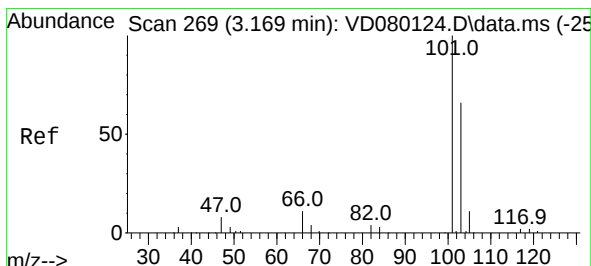
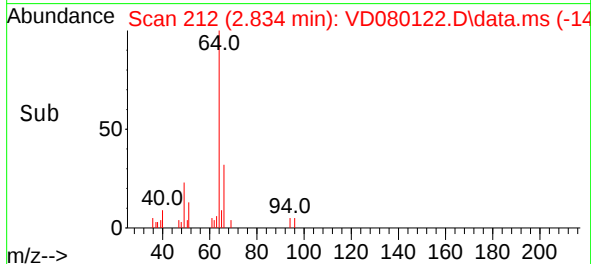
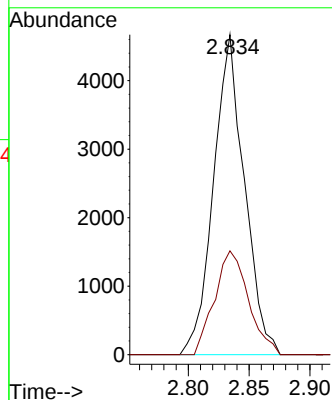
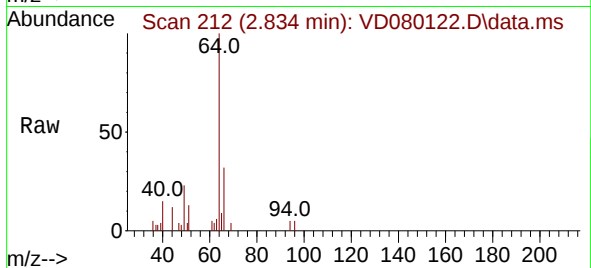




#8
Chloroethane
Concen: 2.822 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

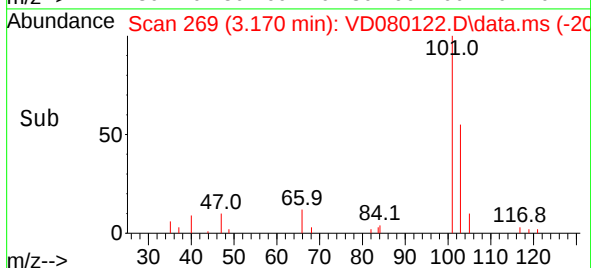
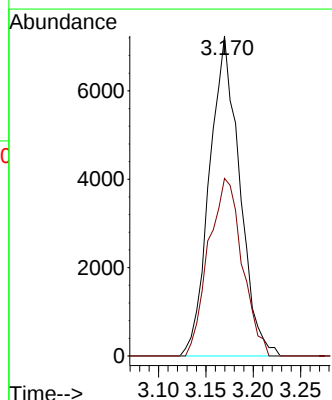
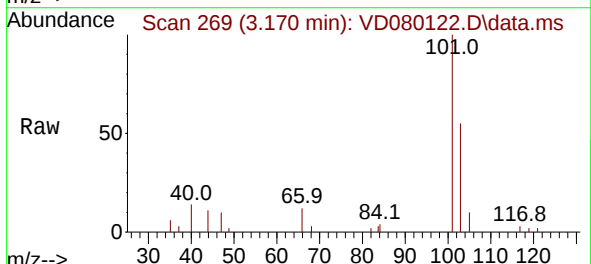
Instrument :
MSVOA_D
ClientSampleId :

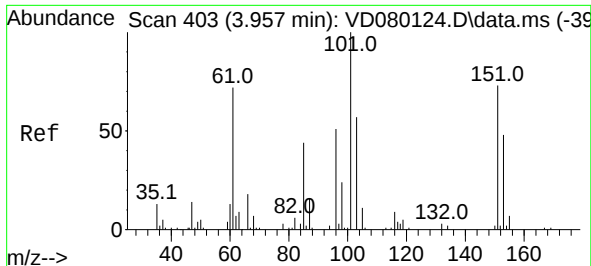
Tgt Ion: 64 Resp: 8242
Ion Ratio Lower Upper
64 100
66 32.4 21.3 39.6



#9
Trichlorofluoromethane
Concen: 2.502 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion:101 Resp: 15998
Ion Ratio Lower Upper
101 100
103 62.0 52.5 78.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.474 ug/L

RT: 3.958 min Scan# 403

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :

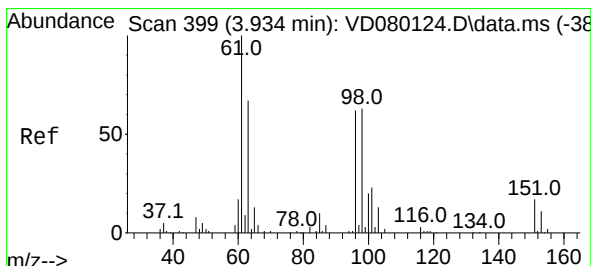
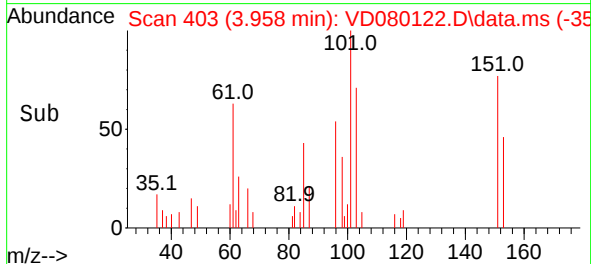
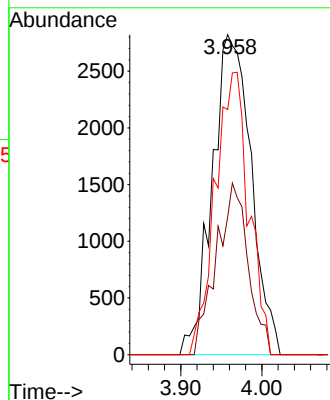
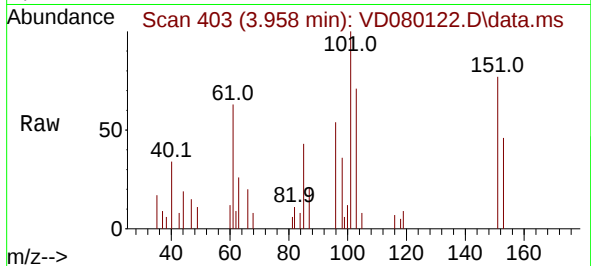
Tgt Ion:101 Resp: 9375

Ion Ratio Lower Upper

101 100

85 29.2 35.8 53.6#

151 65.0 59.8 89.6



#12

1,1-Dichloroethene

Concen: 2.316 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

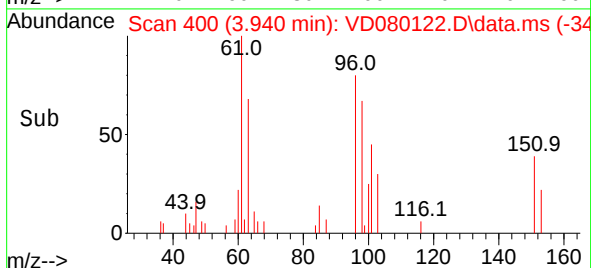
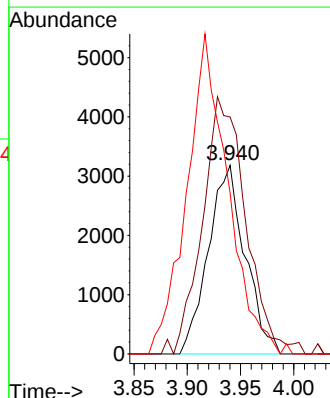
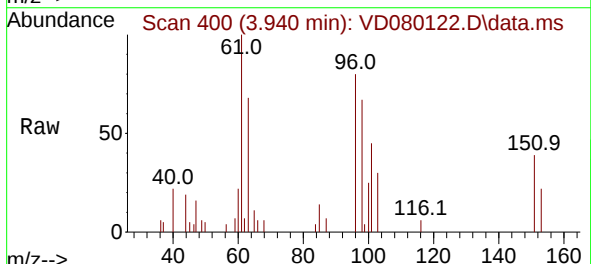
Tgt Ion: 96 Resp: 7662

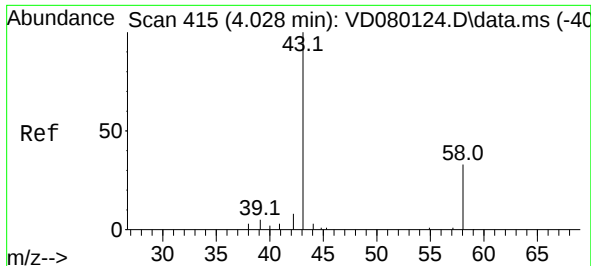
Ion Ratio Lower Upper

96 100

61 125.5 113.8 211.3

63 85.2 78.5 145.7





#13

Acetone

Concen: 5.051 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

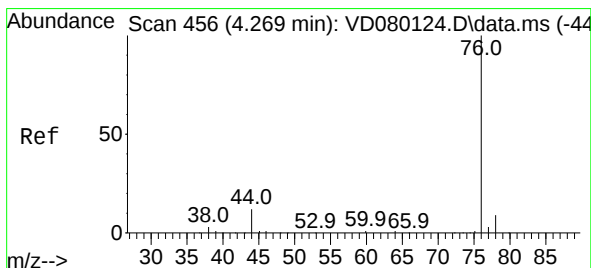
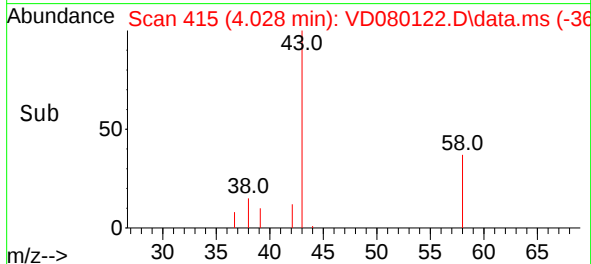
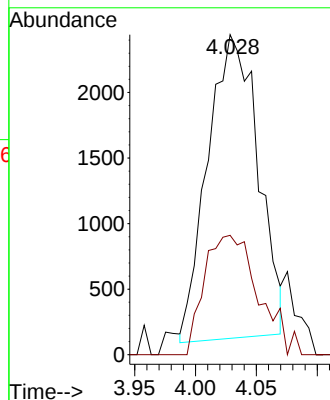
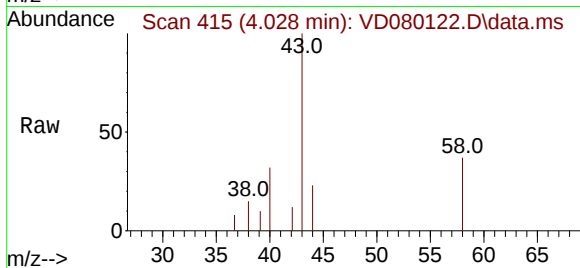
ClientSampleId :

Tgt Ion: 43 Resp: 6675

Ion Ratio Lower Upper

43 100

58 39.5 0.0 69.0



#14

Carbon disulfide

Concen: 2.401 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD080122.D

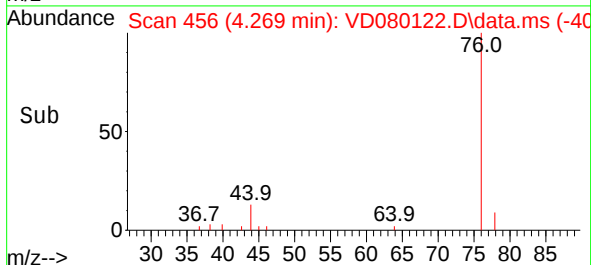
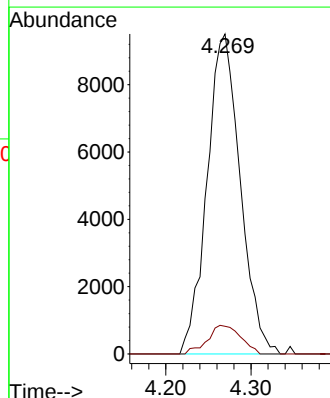
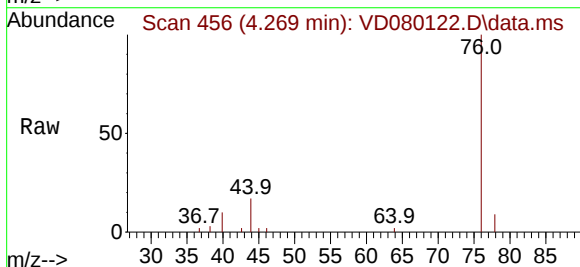
Acq: 11 Dec 2024 09:29

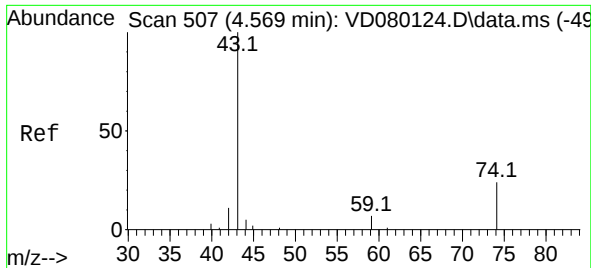
Tgt Ion: 76 Resp: 25772

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

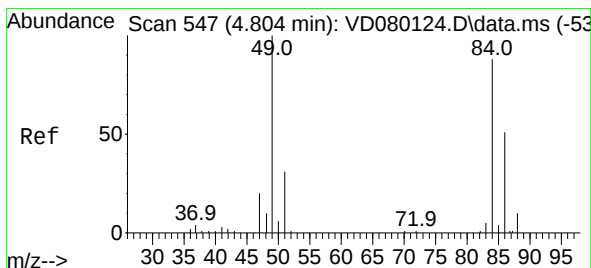
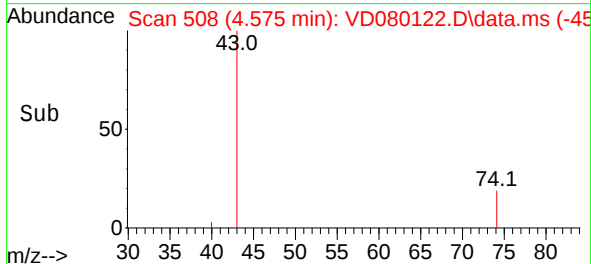
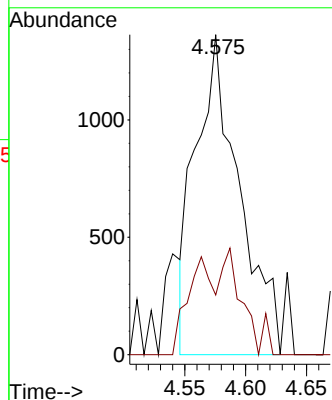
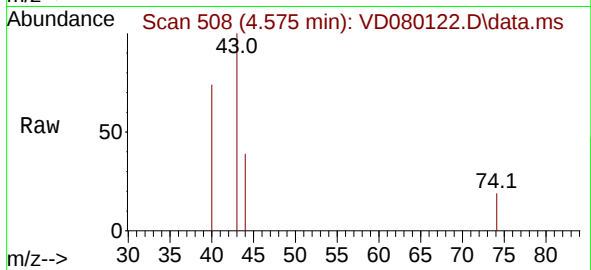




#15
Methyl Acetate
Concen: 2.136 ug/L
RT: 4.575 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

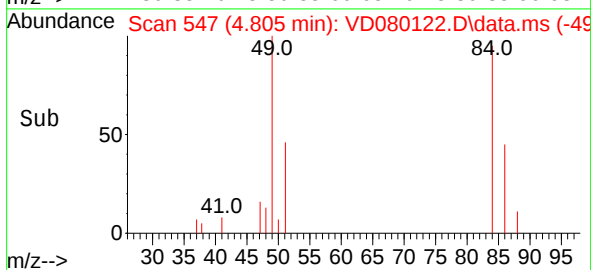
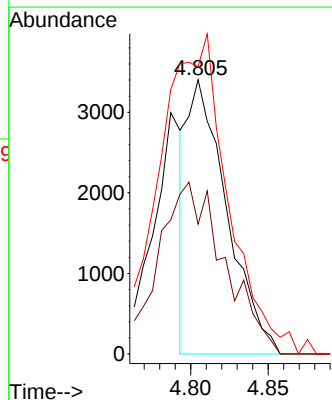
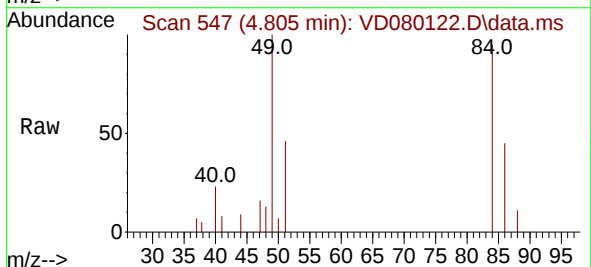
Instrument :
MSVOA_D
ClientSampleId :

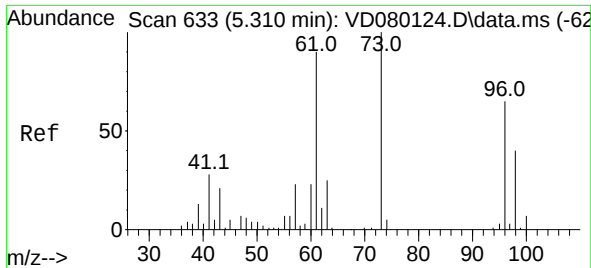
Tgt Ion: 43 Resp: 3385
Ion Ratio Lower Upper
43 100
74 18.2 19.0 28.4#



#16
Methylene chloride
Concen: 1.611 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

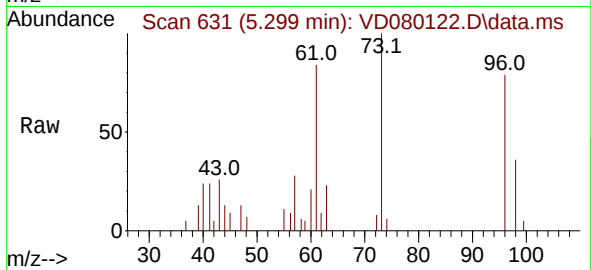
Tgt Ion: 84 Resp: 6055
Ion Ratio Lower Upper
84 100
86 47.3 40.7 75.7
49 104.8 79.9 148.5



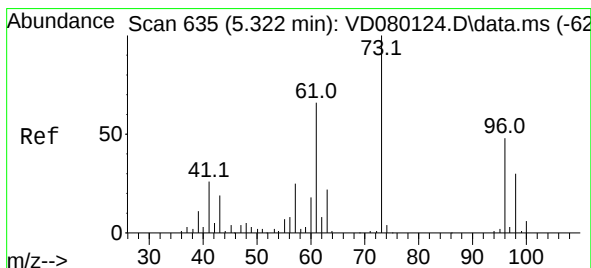
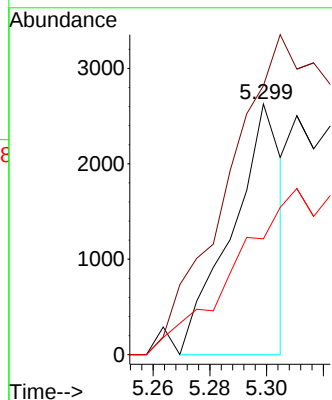
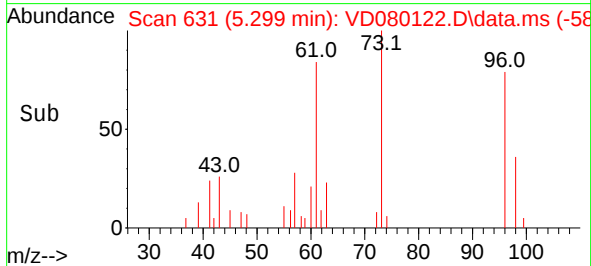


#17
trans-1,2-Dichloroethene
Concen: 0.956 ug/L
RT: 5.299 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Instrument :
MSVOA_D
ClientSampleId :

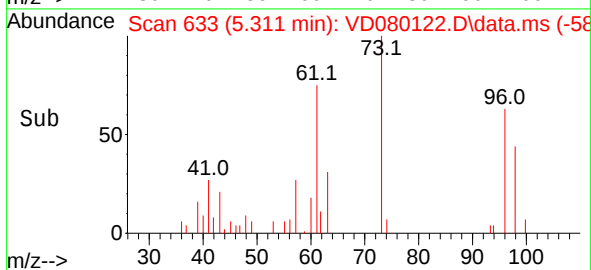
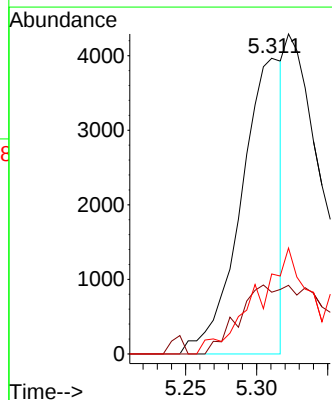
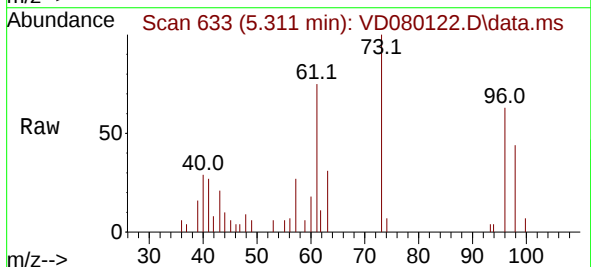


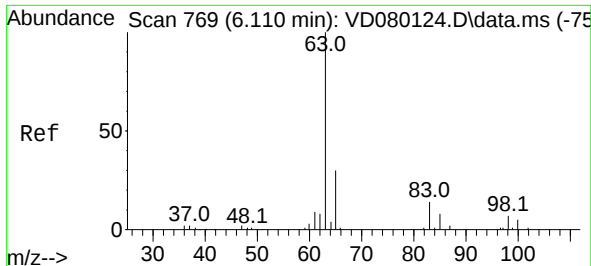
Tgt Ion: 96 Resp: 3211
Ion Ratio Lower Upper
96 100
61 107.3 97.4 181.0
98 46.2 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 1.107 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.011 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 73 Resp: 7977
Ion Ratio Lower Upper
73 100
43 19.9 0.0 0.0#
57 10.1 18.9 28.3#

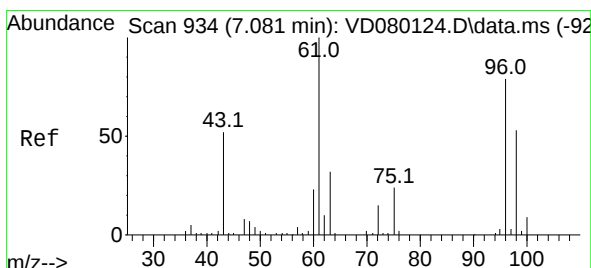
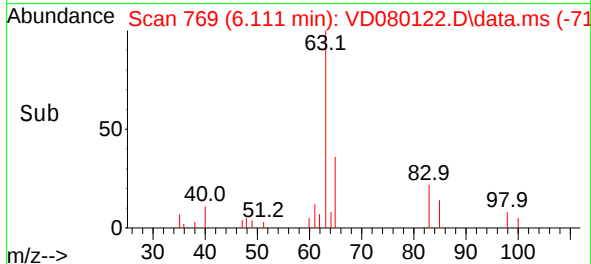
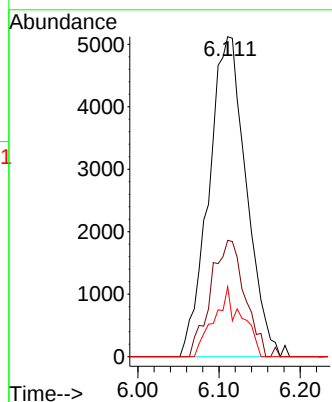
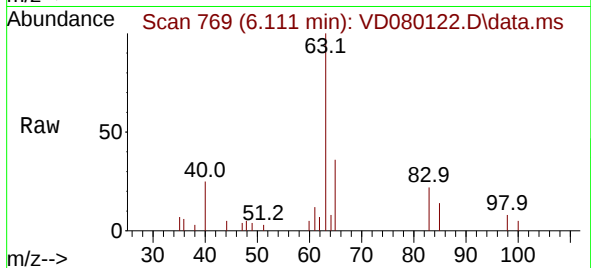




#19
1,1-Dichloroethane
Concen: 2.566 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

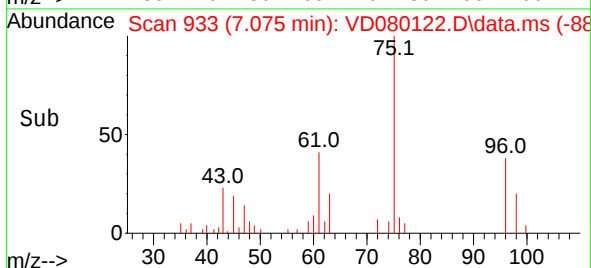
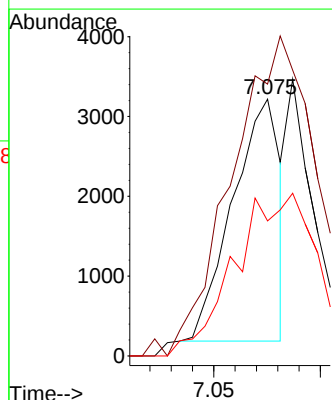
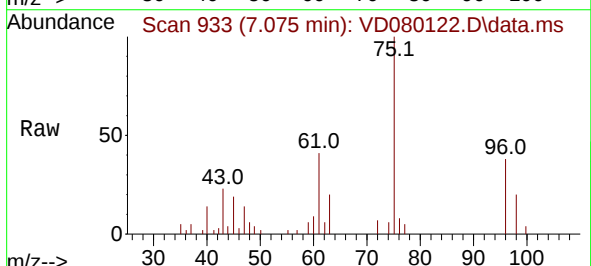
Instrument :
MSVOA_D
ClientSampleId :

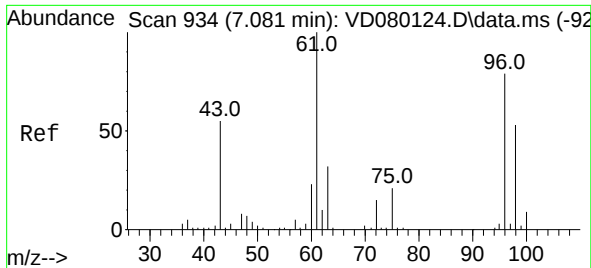
Tgt Ion: 63 Resp: 16390
Ion Ratio Lower Upper
63 100
65 36.4 21.1 39.1
83 21.8 9.9 18.5#



#20
cis-1,2-Dichloroethene
Concen: 1.306 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 96 Resp: 4702
Ion Ratio Lower Upper
96 100
61 105.8 89.1 165.5
98 52.6 47.3 87.8

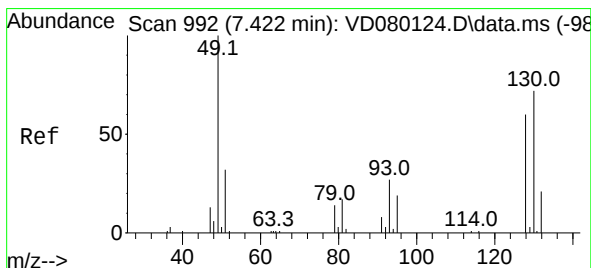
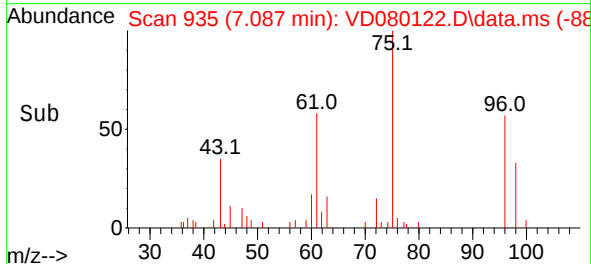
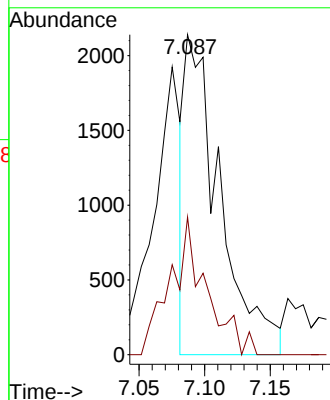
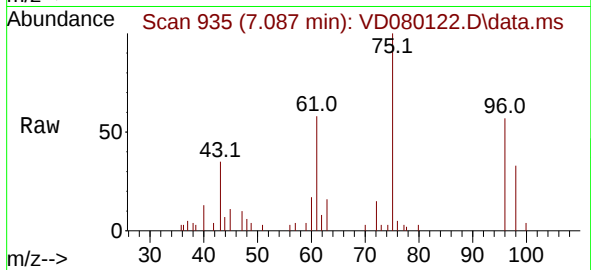




#22
2-Butanone
Concen: 3.024 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

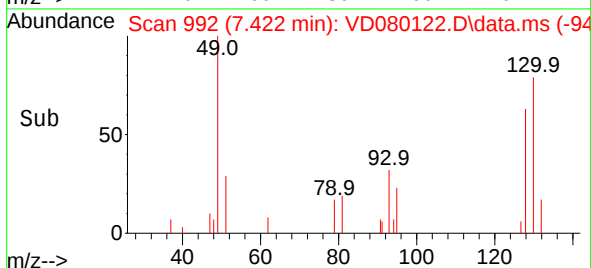
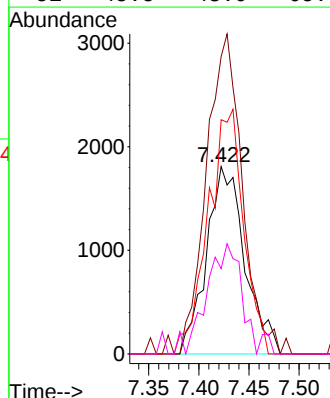
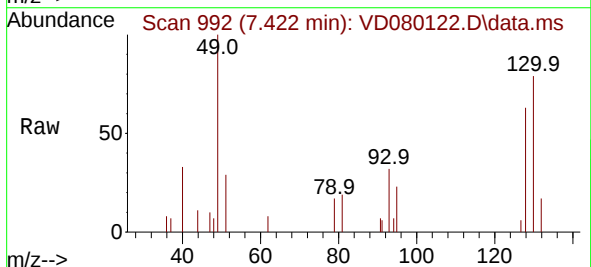
Instrument :
MSVOA_D
ClientSampleId :

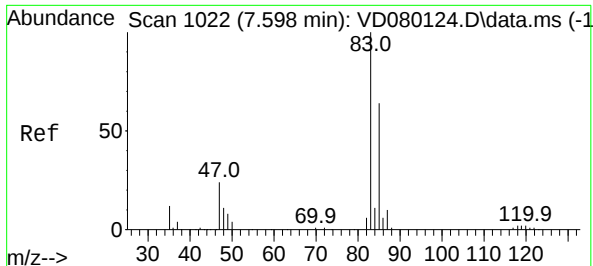
Tgt Ion: 43 Resp: 3973
Ion Ratio Lower Upper
43 100
72 29.3 13.6 40.8



#23
Bromochloromethane
Concen: 2.742 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion:128 Resp: 4811
Ion Ratio Lower Upper
128 100
49 158.8 117.0 217.2
130 125.1 84.4 156.7
51 45.5 43.9 65.9

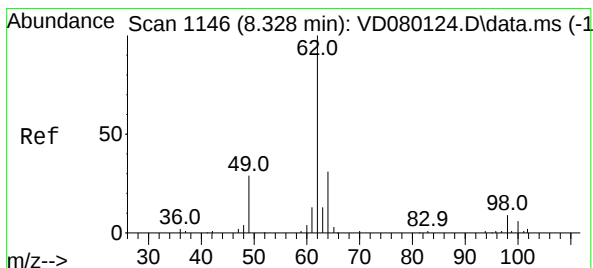
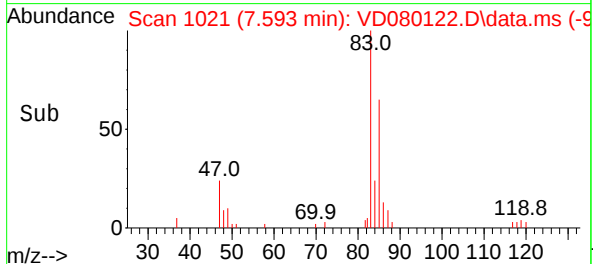
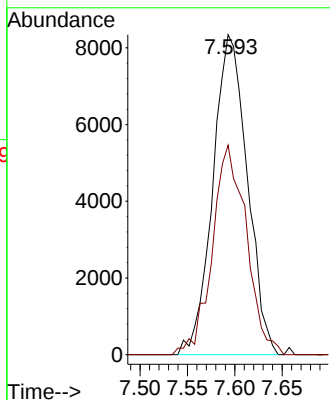
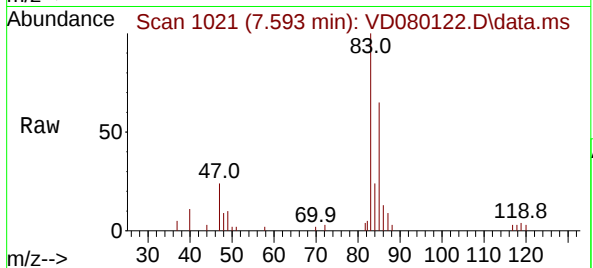




#25
Chloroform
Concen: 2.919 ug/L
RT: 7.593 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

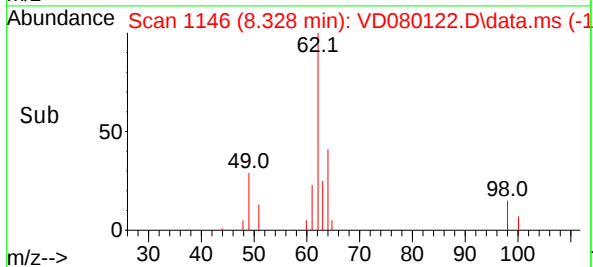
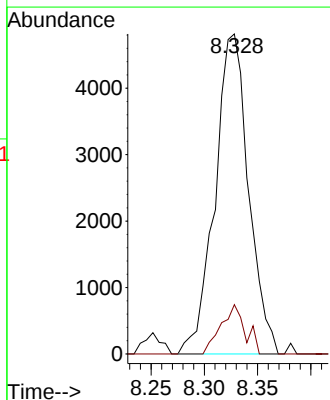
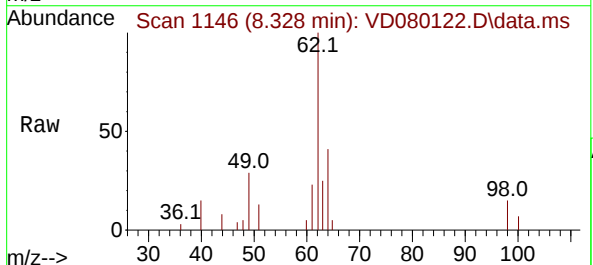
Instrument :
MSVOA_D
ClientSampleId :

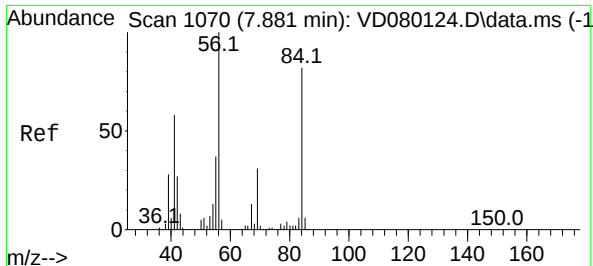
Tgt Ion: 83 Resp: 21085
Ion Ratio Lower Upper
83 100
85 65.5 45.0 83.6



#27
1,2-Dichloroethane
Concen: 2.557 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 62 Resp: 10563
Ion Ratio Lower Upper
62 100
98 15.4 7.0 10.6#

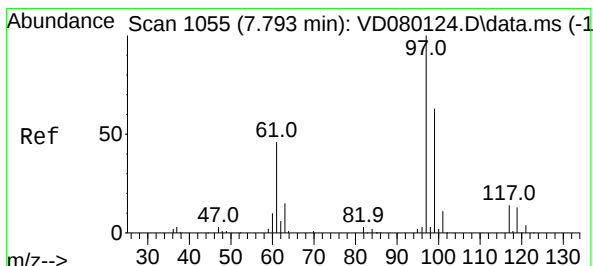
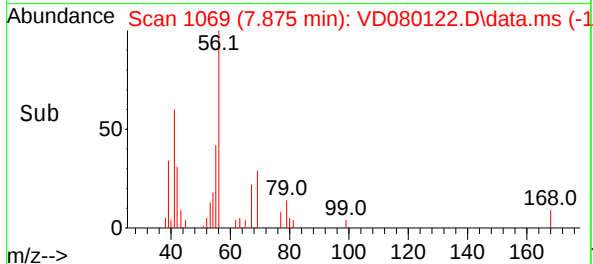
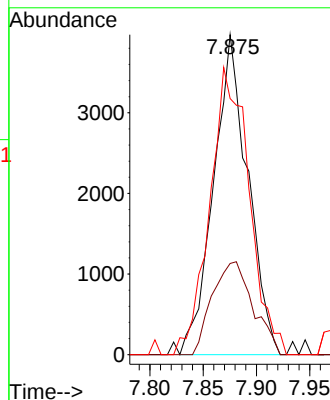
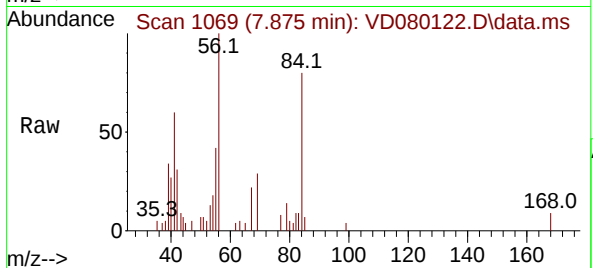




#29
Cyclohexane
Concen: 2.172 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

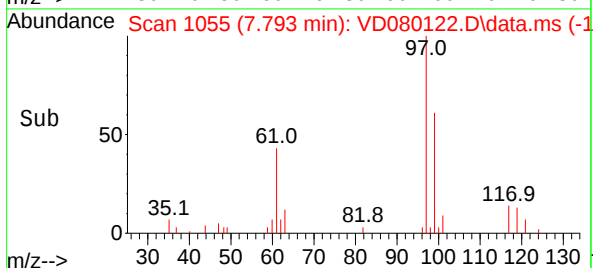
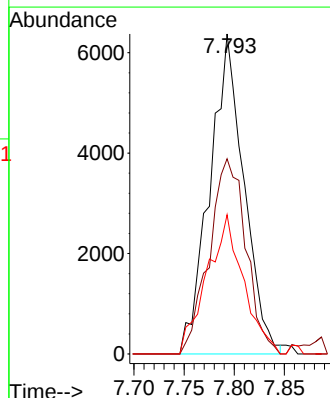
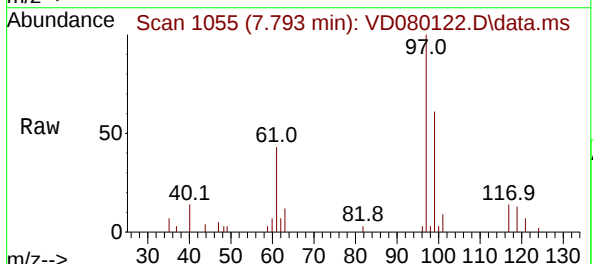
Instrument :
MSVOA_D
ClientSampleId :

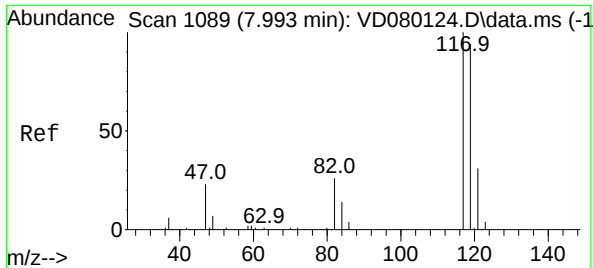
Tgt Ion: 56 Resp: 8890
Ion Ratio Lower Upper
56 100
69 34.5 24.6 36.8
84 69.9 68.7 103.1



#30
1,1,1-Trichloroethane
Concen: 3.038 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

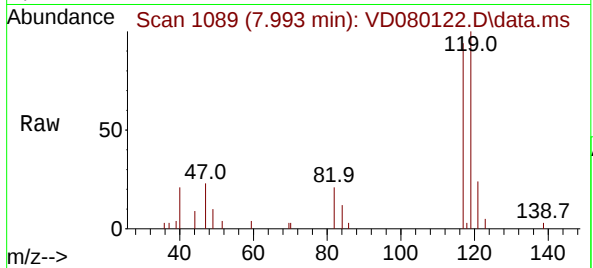
Tgt Ion: 97 Resp: 15131
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 46.3 35.8 53.8



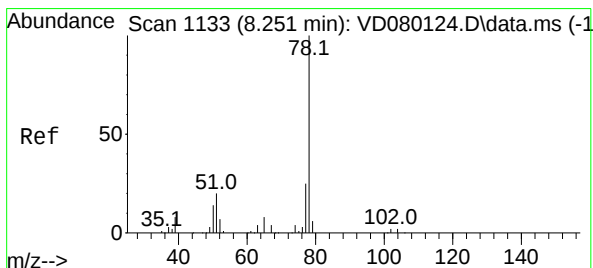
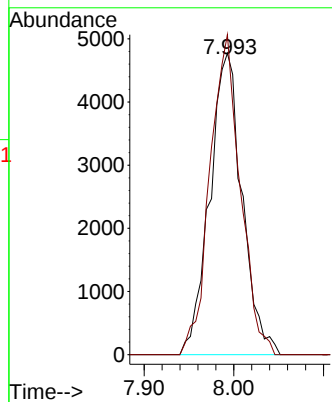
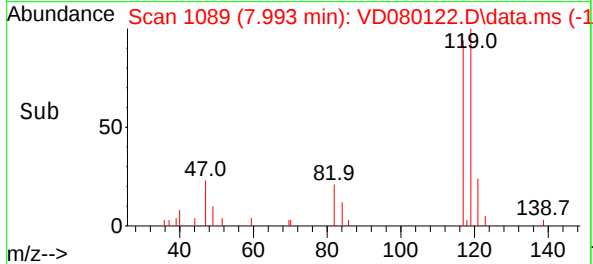


#31
Carbon tetrachloride
Concen: 2.899 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Instrument :
MSVOA_D
ClientSampleId :

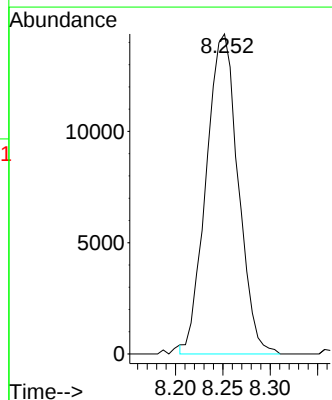
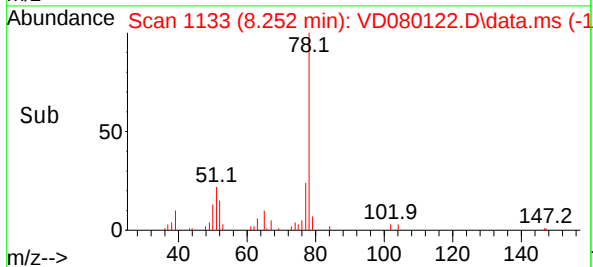
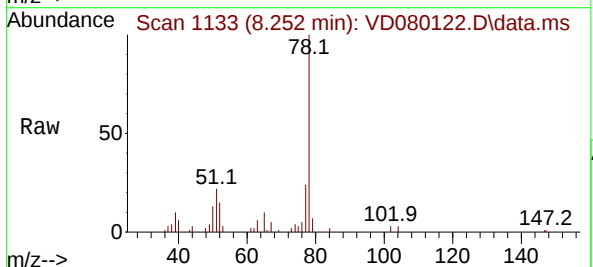


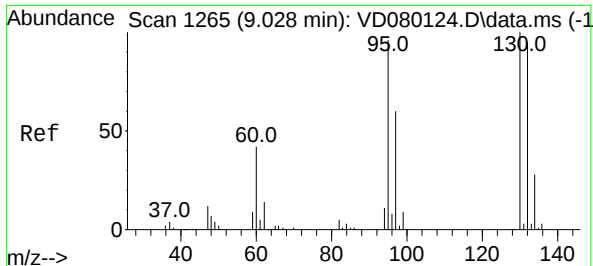
Tgt Ion:117 Resp: 11965
Ion Ratio Lower Upper
117 100
119 99.7 76.8 115.2



#33
Benzene
Concen: 2.723 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 78 Resp: 33817



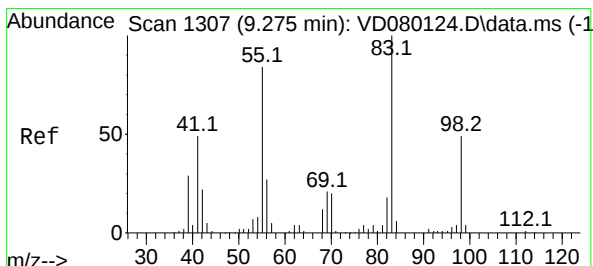
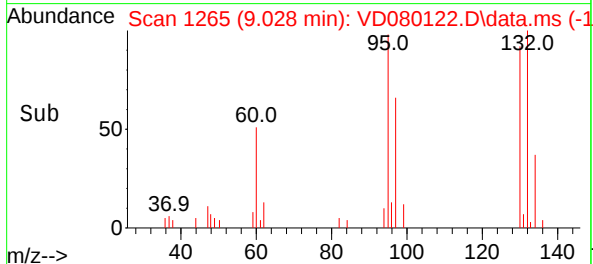
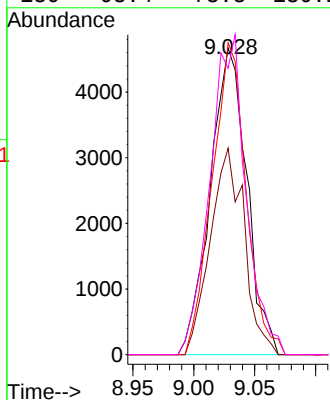
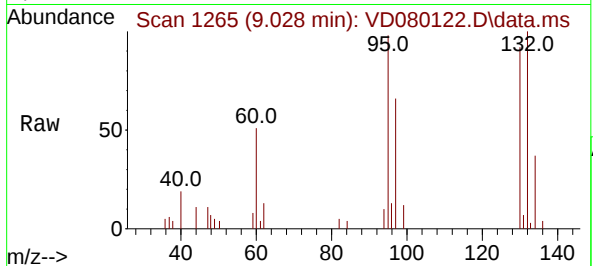


#34
Trichloroethene
Concen: 2.882 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 9729

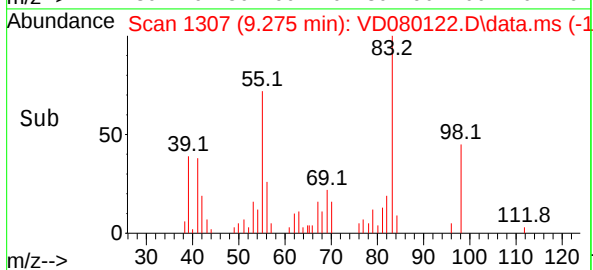
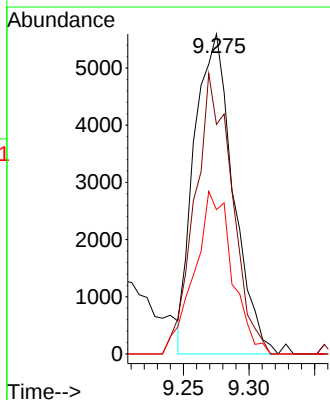
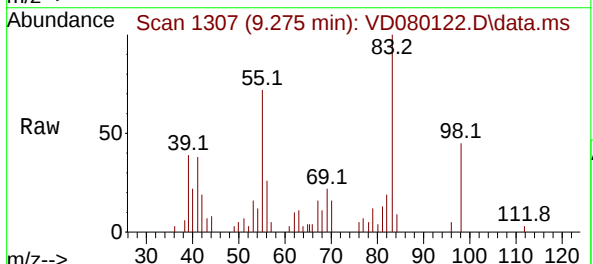
Ion	Ratio	Lower	Upper
95	100		
97	67.4	43.7	81.1
132	101.7	69.4	129.0
130	93.4	73.3	136.1

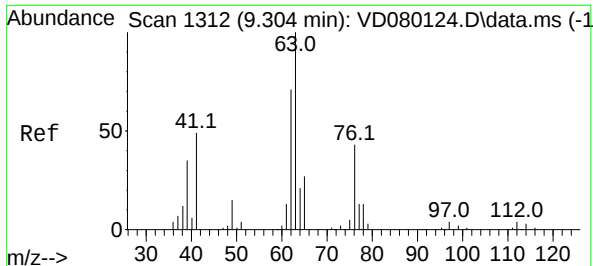


#35
Methylcyclohexane
Concen: 2.311 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 83 Resp: 11526

Ion	Ratio	Lower	Upper
83	100		
55	83.6	63.8	95.8
98	49.3	37.6	56.4

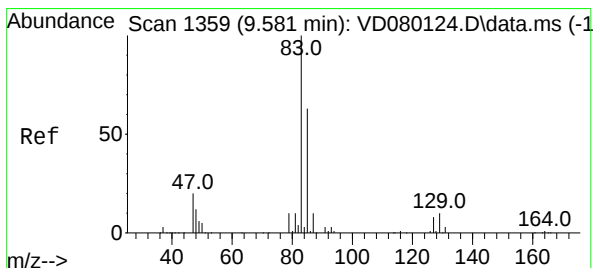
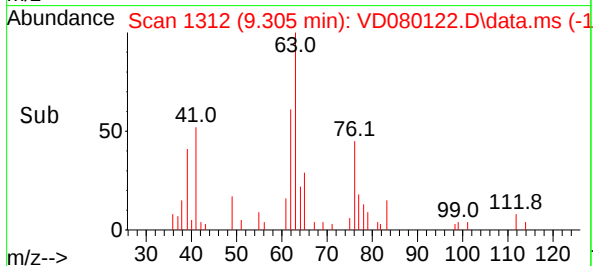
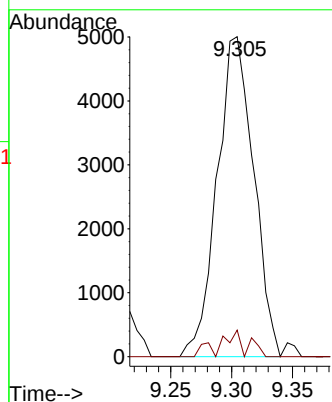
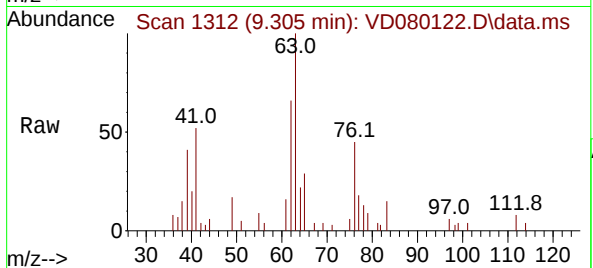




#37
1,2-Dichloropropane
Concen: 2.942 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

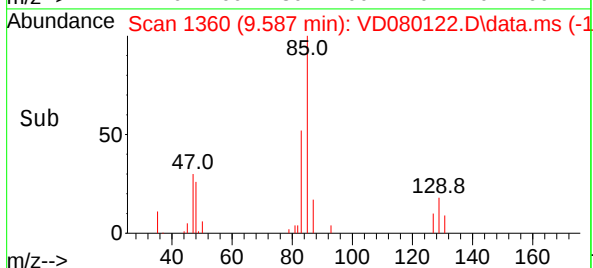
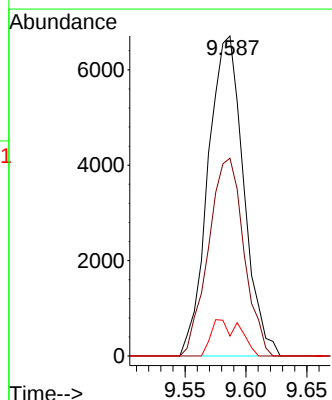
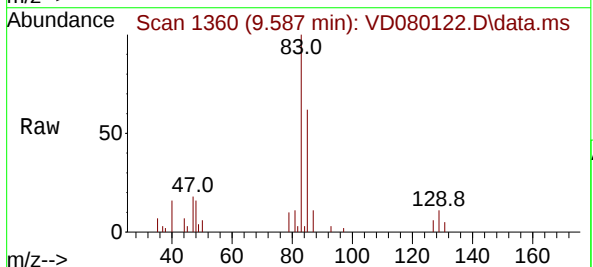
Instrument :
MSVOA_D
ClientSampleId :

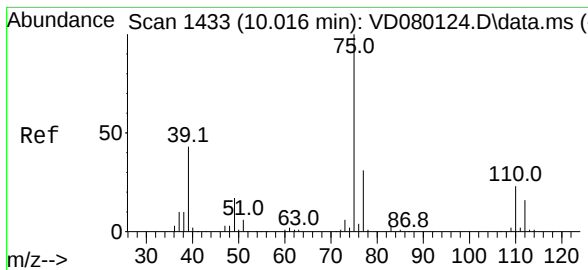
Tgt Ion: 63 Resp: 10470
Ion Ratio Lower Upper
63 100
112 3.2 3.5 5.3#



#38
Bromodichloromethane
Concen: 3.037 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 83 Resp: 13628
Ion Ratio Lower Upper
83 100
85 61.8 44.3 82.3
127 6.2 6.6 10.0#

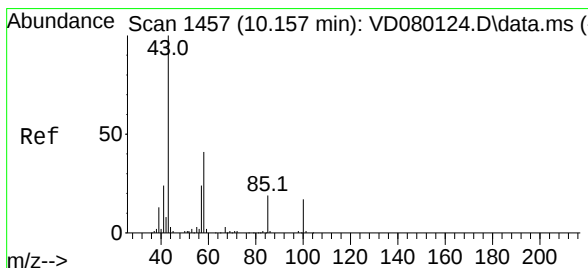
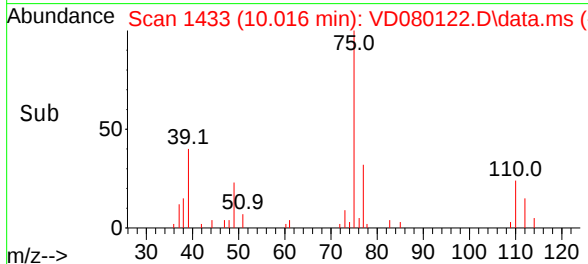
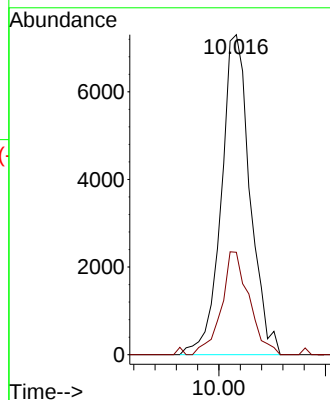
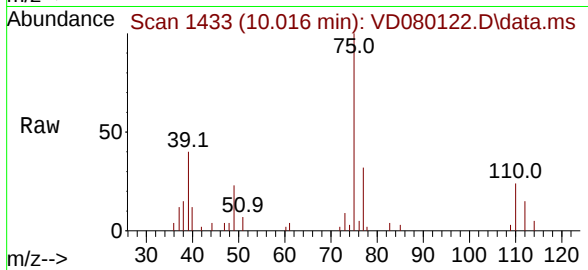




#39
 cis-1,3-Dichloropropene
 Concen: 2.694 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080122.D
 Acq: 11 Dec 2024 09:29

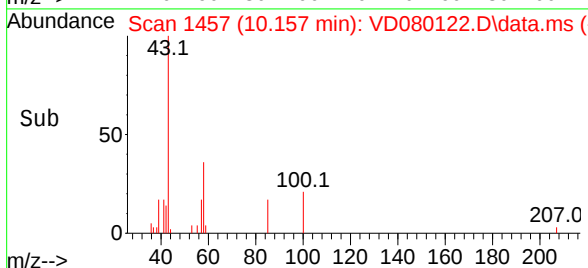
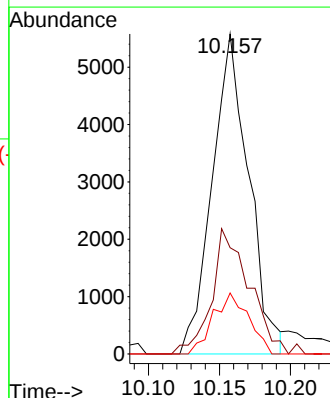
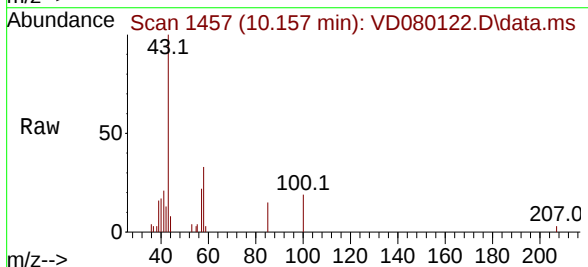
Instrument :
 MSVOA_D
 ClientSampleId :

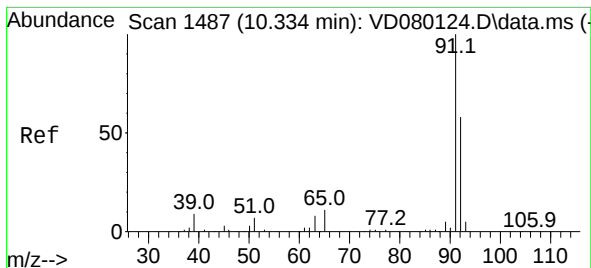
Tgt Ion: 75 Resp: 13685
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 5.070 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD080122.D
 Acq: 11 Dec 2024 09:29

Tgt Ion: 43 Resp: 9976
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.1 48.1
 100 18.6 12.6 19.0





#42

Toluene

Concen: 2.499 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

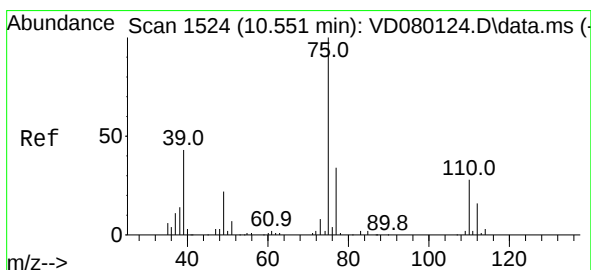
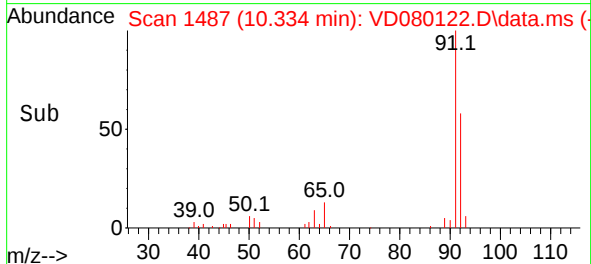
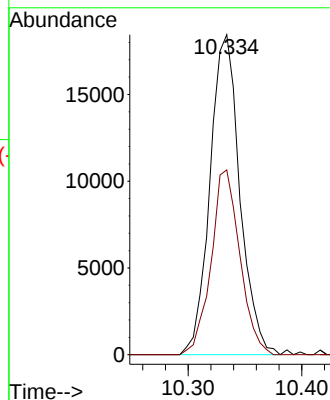
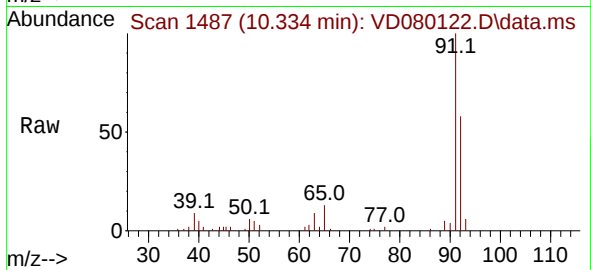
ClientSampleId :

Tgt Ion: 91 Resp: 33673

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 2.627 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080122.D

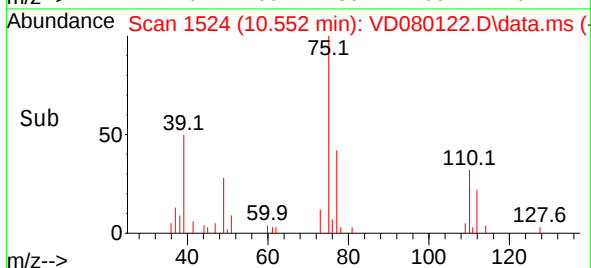
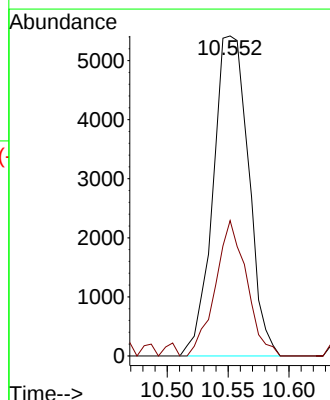
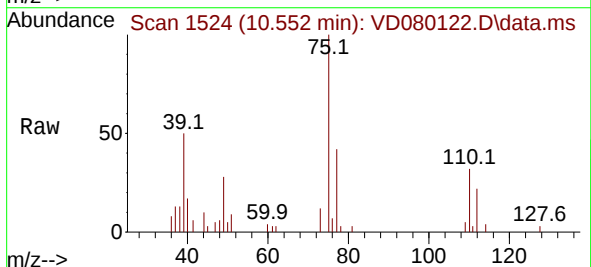
Acq: 11 Dec 2024 09:29

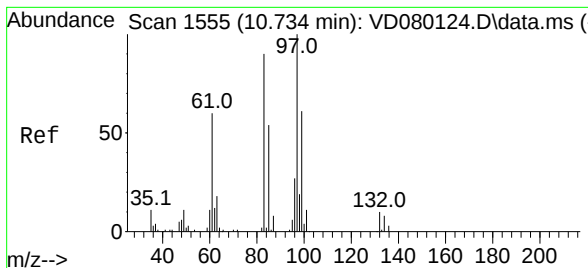
Tgt Ion: 75 Resp: 10992

Ion Ratio Lower Upper

75 100

77 42.3 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 2.945 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 7539

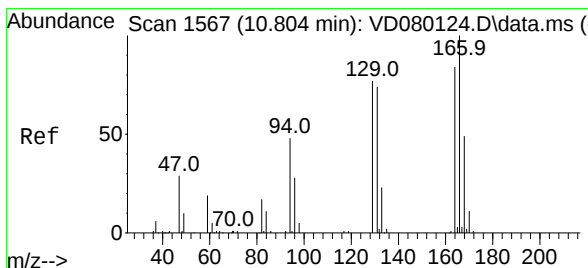
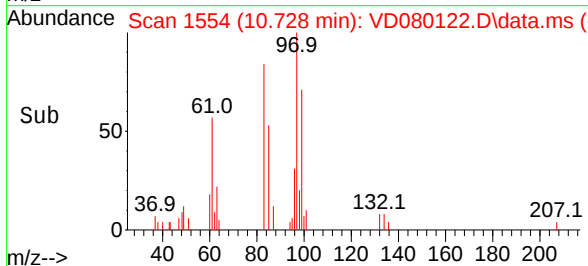
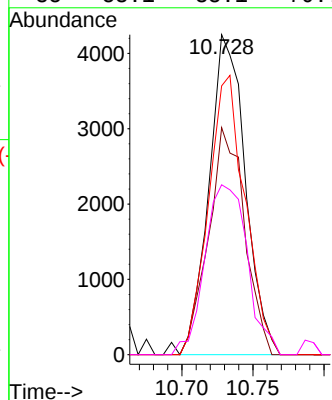
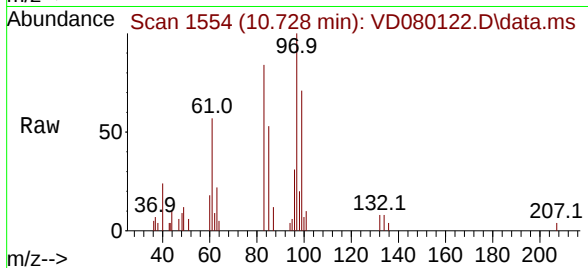
Ion Ratio Lower Upper

97 100

99 71.0 42.5 78.9

83 84.0 63.1 117.1

85 53.1 38.1 70.7



#46

Tetrachloroethene

Concen: 2.696 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Tgt Ion:164 Resp: 6303

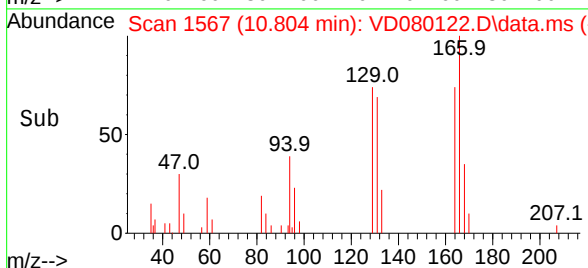
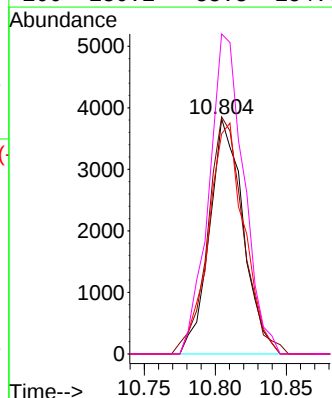
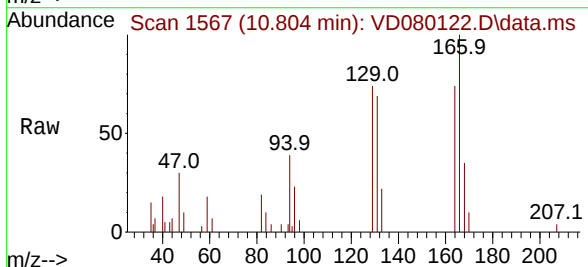
Ion Ratio Lower Upper

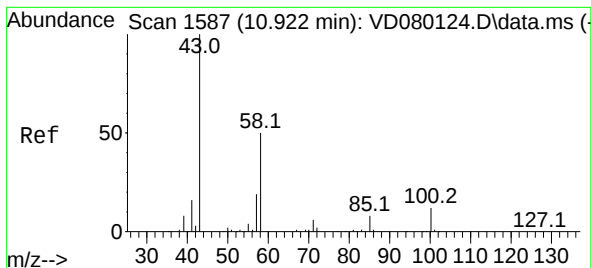
164 100

129 100.8 64.4 119.6

131 93.6 61.6 114.4

166 136.1 83.3 154.7

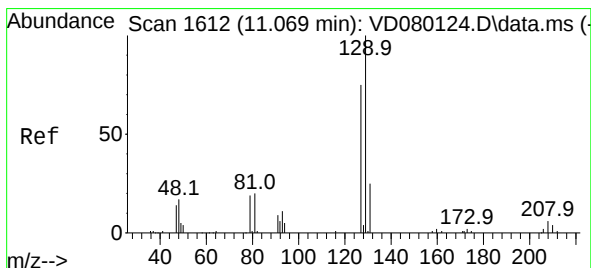
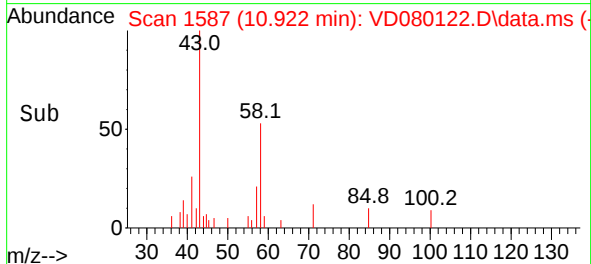
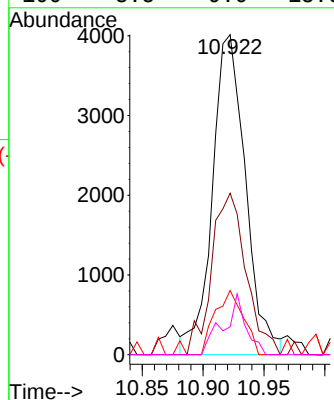
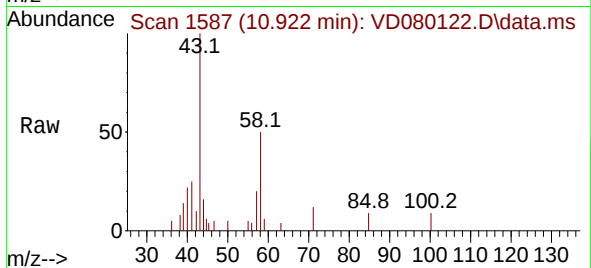




#48
2-Hexanone
Concen: 4.843 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

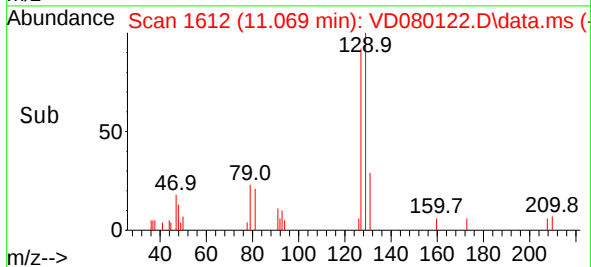
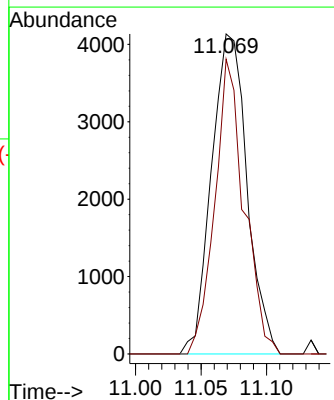
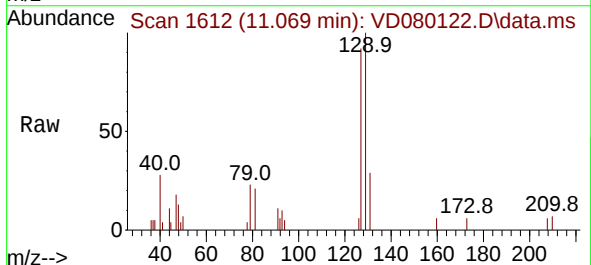
Instrument :
MSVOA_D
ClientSampleId :

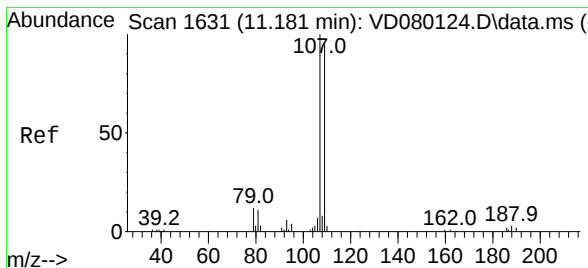
Tgt Ion:	43	Resp:	7602
Ion	Ratio	Lower	Upper
43	100		
58	52.5	41.8	62.6
57	17.2	14.8	22.2
100	8.5	9.0	13.6



#49
Dibromochloromethane
Concen: 2.805 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion:	129	Resp:	7795
Ion	Ratio	Lower	Upper
129	100		
127	92.1	52.4	97.2





#50

1,2-Dibromoethane

Concen: 2.718 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080122.D

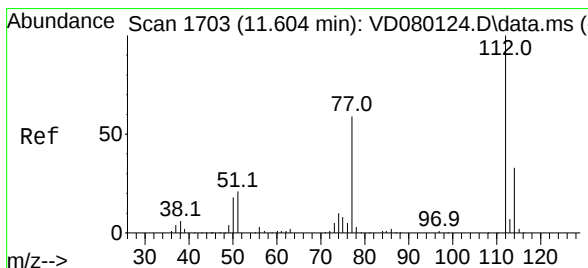
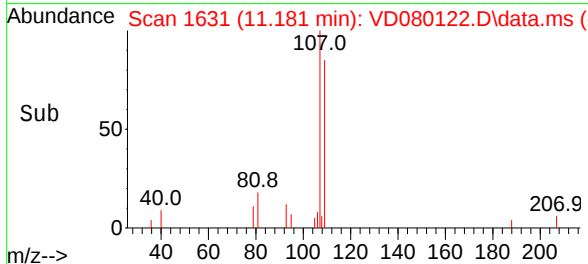
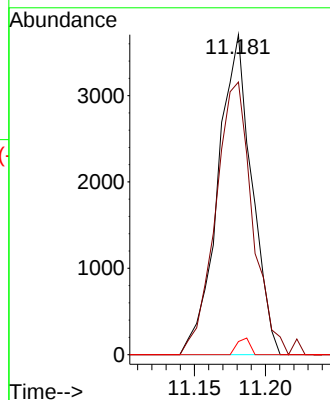
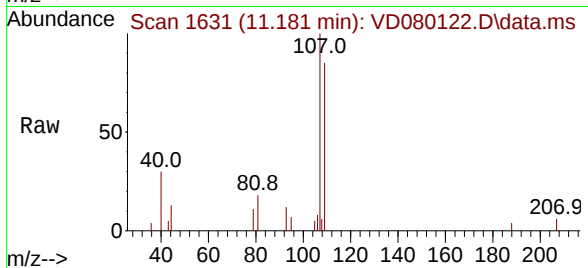
Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	6169
Ion	Ratio	Lower	Upper
107	100		
109	85.2	66.2	123.0
188	4.1	2.8	4.2



#51

Chlorobenzene

Concen: 2.674 ug/L

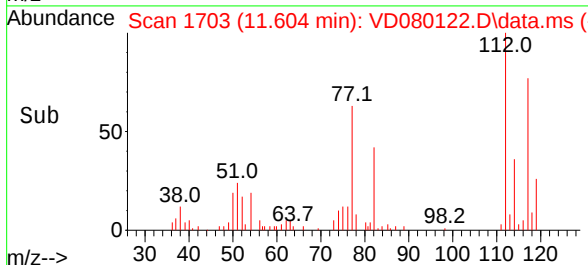
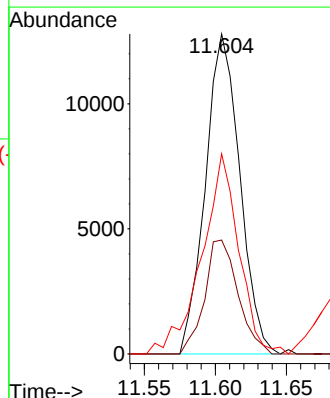
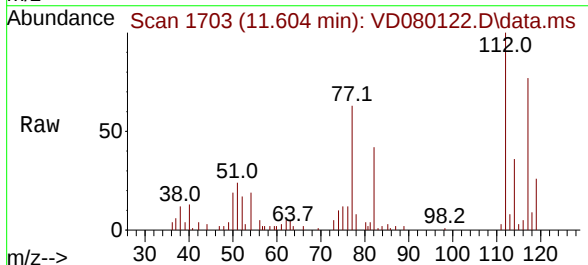
RT: 11.604 min Scan# 1703

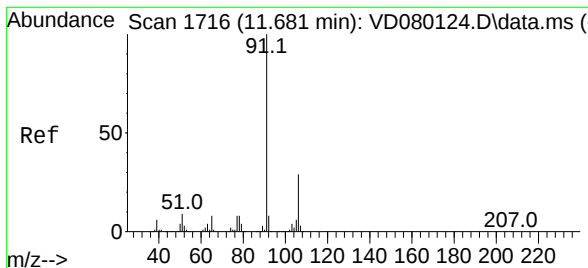
Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Tgt Ion:	112	Resp:	21567
Ion	Ratio	Lower	Upper
112	100		
114	35.6	23.3	43.3
77	62.6	47.8	71.8

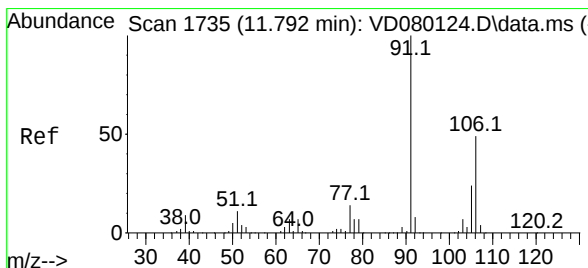
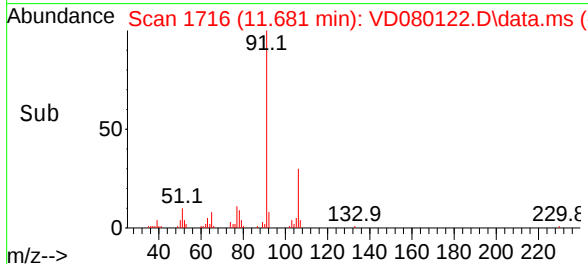
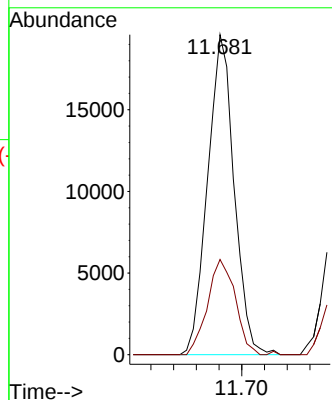
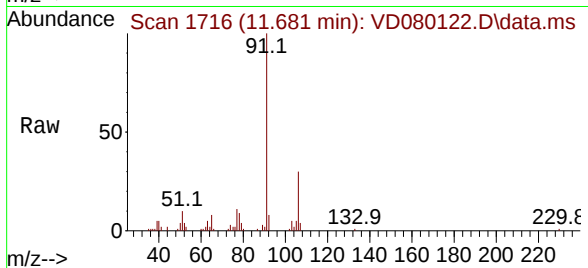




#52
Ethylbenzene
Concen: 2.376 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

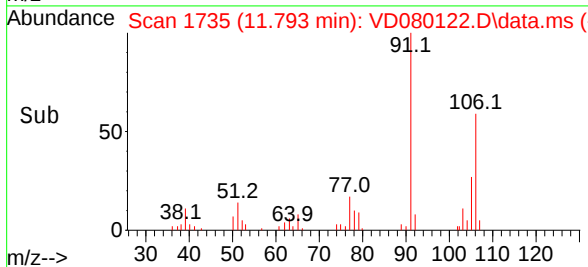
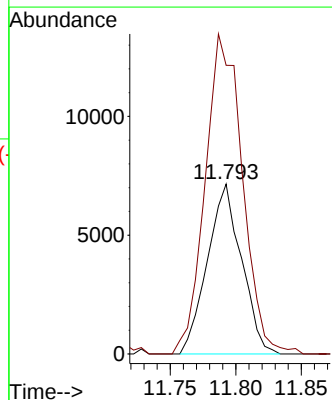
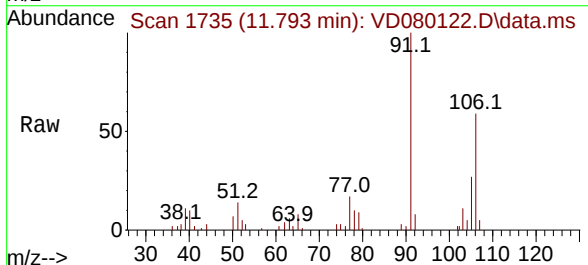
Instrument :
MSVOA_D
ClientSampleId :

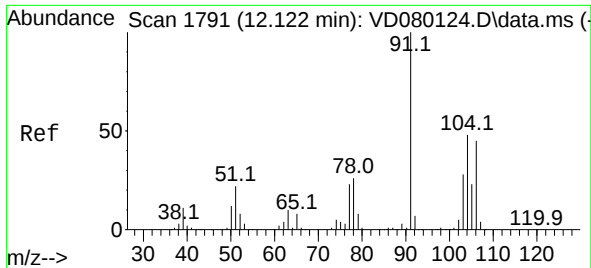
Tgt Ion: 91 Resp: 31795
Ion Ratio Lower Upper
91 100
106 29.8 20.0 37.2



#53
m,p-Xylene
Concen: 2.531 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion: 106 Resp: 12949
Ion Ratio Lower Upper
106 100
91 169.9 143.5 266.5

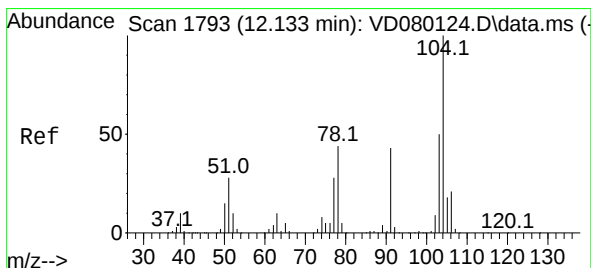
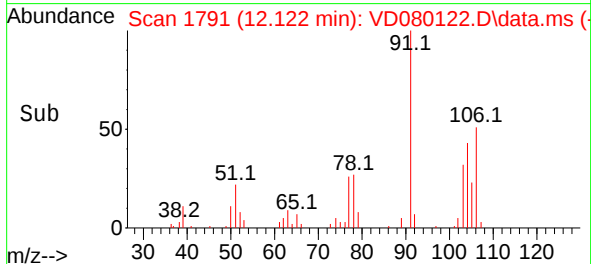
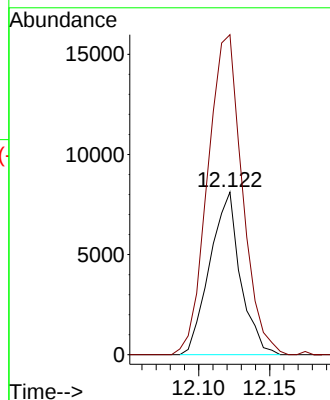
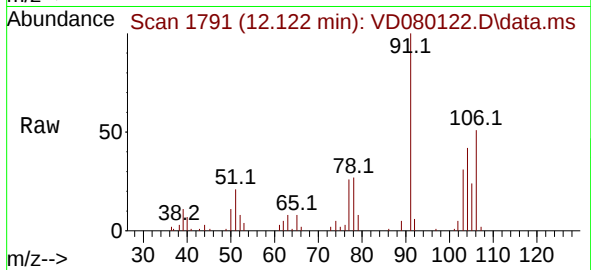




#54
o-Xylene
Concen: 2.473 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

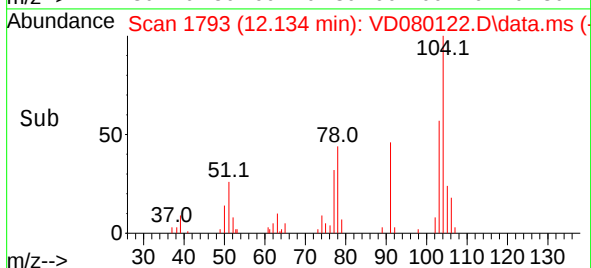
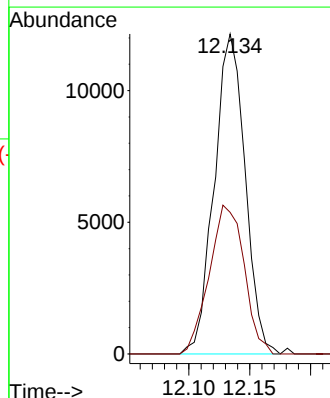
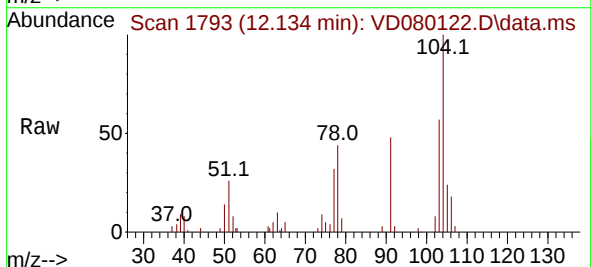
Instrument :
MSVOA_D
ClientSampleId :

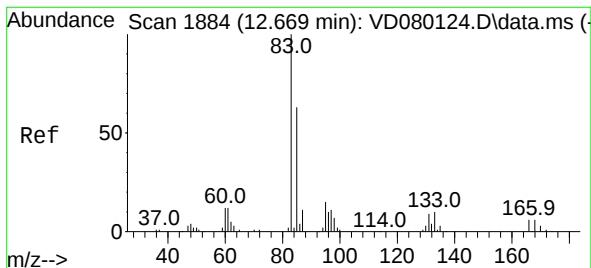
Tgt Ion:106 Resp: 12141
Ion Ratio Lower Upper
106 100
91 196.7 155.8 289.4



#55
Styrene
Concen: 2.411 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion:104 Resp: 21423
Ion Ratio Lower Upper
104 100
78 44.3 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.894 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD080122.D

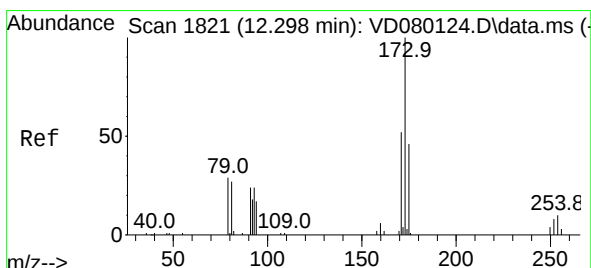
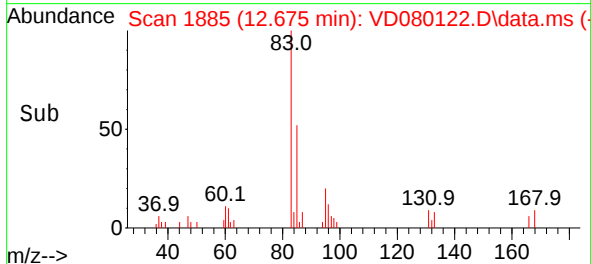
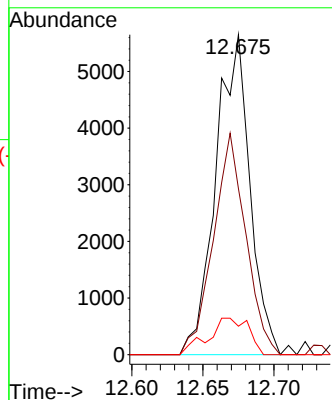
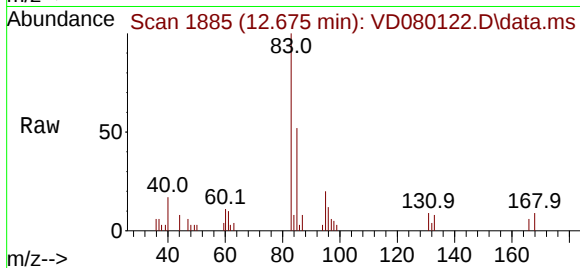
Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	9436
Ion	Ratio	Lower	Upper
83	100		
85	51.9	44.2	82.2
131	8.9	7.1	10.7



#59

Bromoform

Concen: 3.397 ug/L

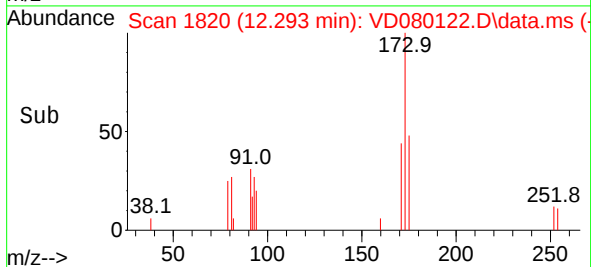
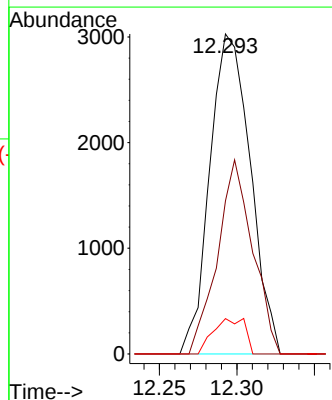
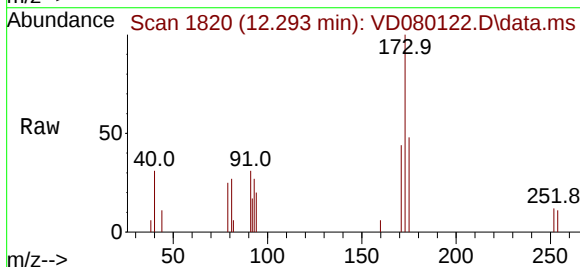
RT: 12.293 min Scan# 1820

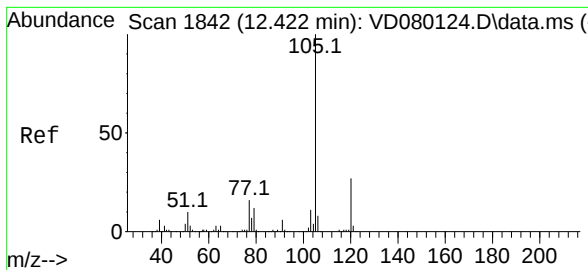
Delta R.T. -0.006 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Tgt Ion:	173	Resp:	5512
Ion	Ratio	Lower	Upper
173	100		
175	52.6	38.2	57.4
254	8.7	8.5	12.7





#60

Isopropylbenzene

Concen: 2.915 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD080122.D

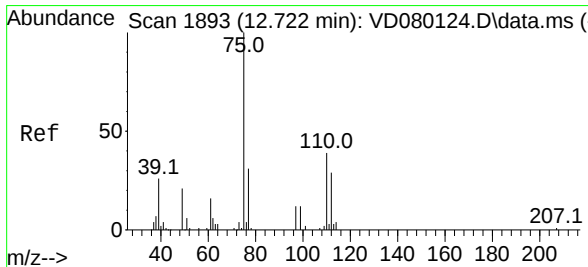
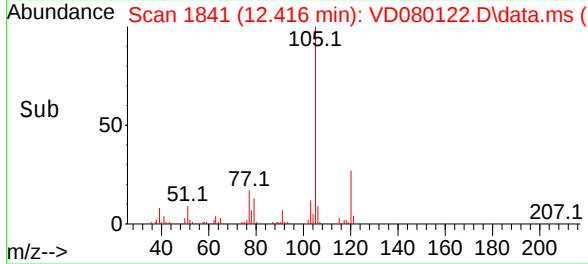
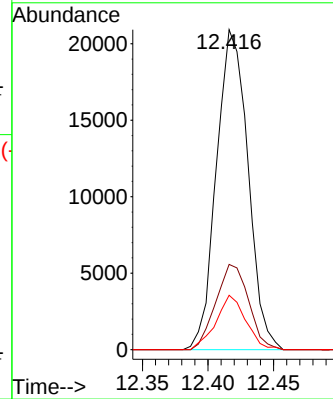
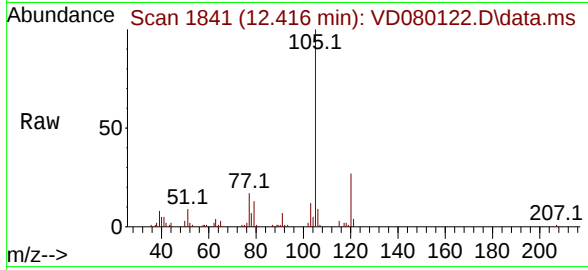
Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	34995
Ion Ratio	Lower	Upper	
105	100		
120	27.7	21.0	31.4
77	16.1	12.9	19.3



#61

1,2,3-Trichloropropane

Concen: 3.048 ug/L

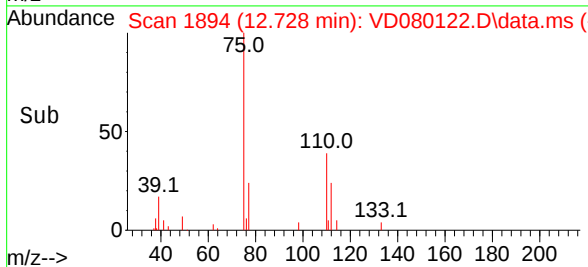
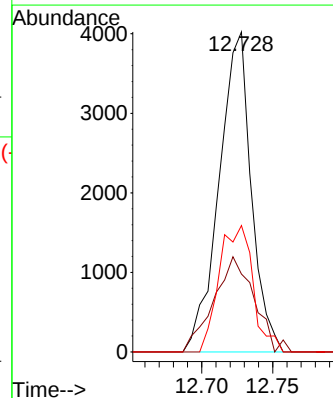
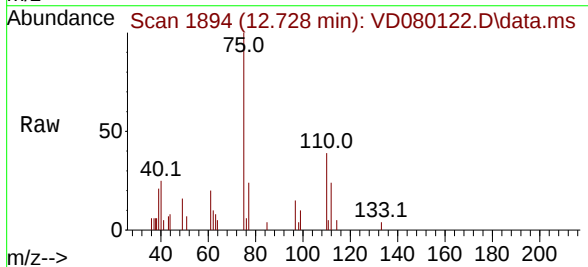
RT: 12.728 min Scan# 1894

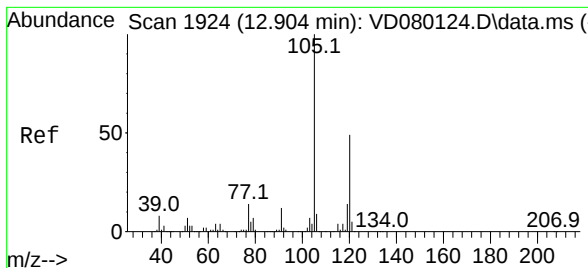
Delta R.T. 0.006 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Tgt Ion:	75	Resp:	6341
Ion Ratio	Lower	Upper	
75	100		
77	36.6	25.8	38.6
110	40.4	30.2	45.2

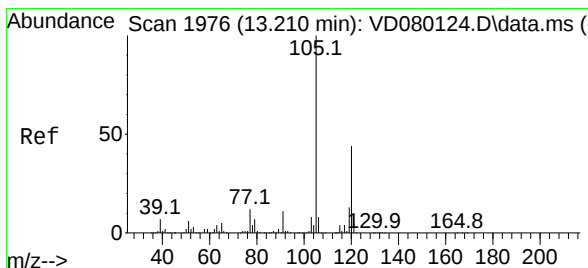
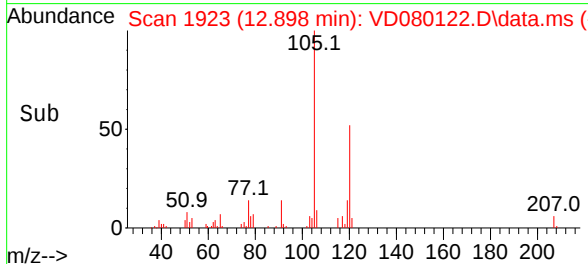
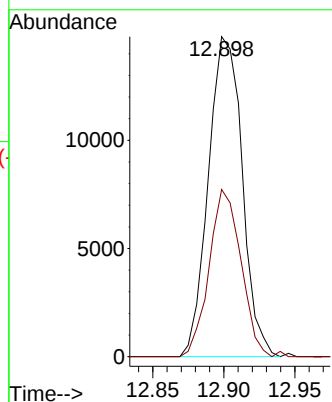
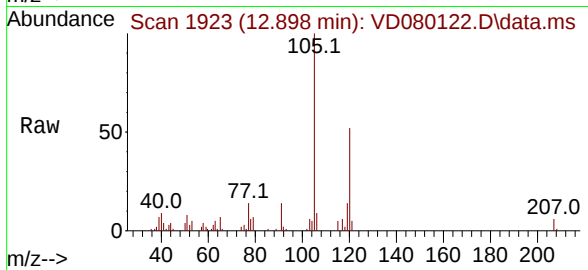




#62
1,3,5-Trimethylbenzene
Concen: 2.448 ug/L
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

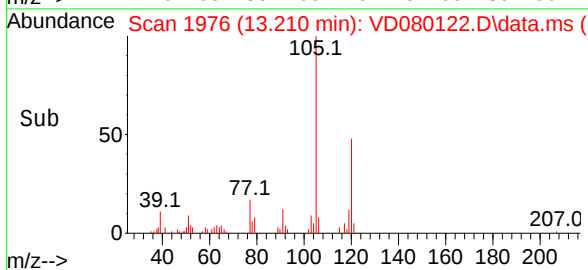
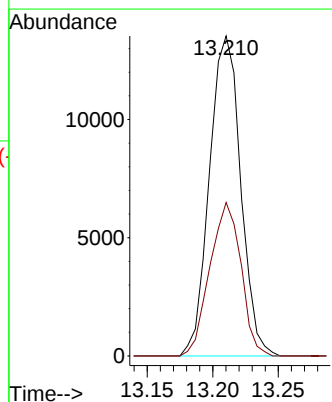
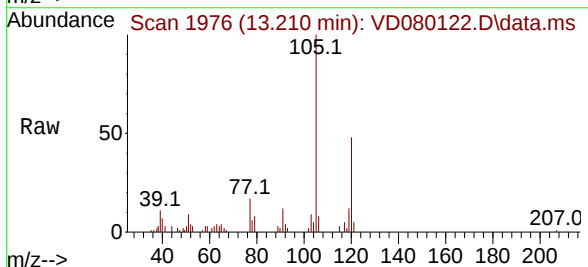
Instrument :
MSVOA_D
ClientSampleId :

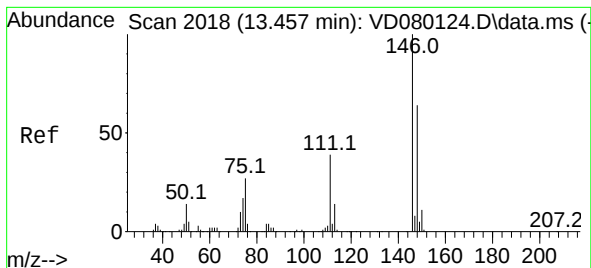
Tgt Ion:105 Resp: 24505
Ion Ratio Lower Upper
105 100
120 48.9 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 2.355 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080122.D
Acq: 11 Dec 2024 09:29

Tgt Ion:105 Resp: 22428
Ion Ratio Lower Upper
105 100
120 47.7 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 2.659 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :

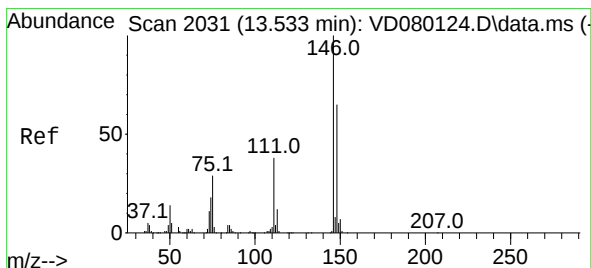
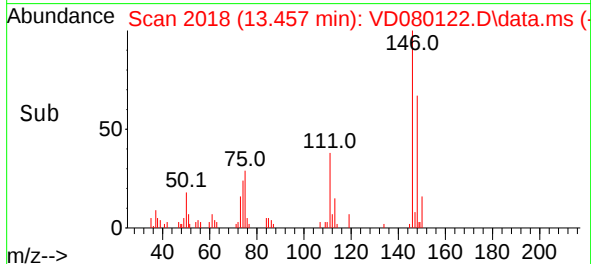
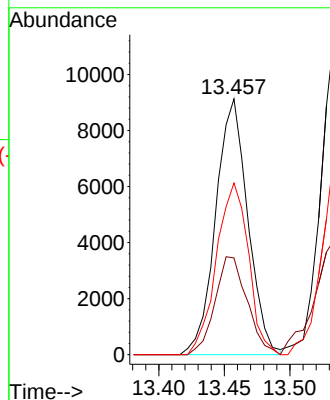
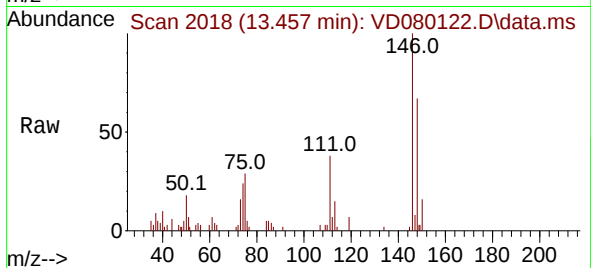
Tgt Ion:146 Resp: 15527

Ion Ratio Lower Upper

146 100

111 37.8 27.0 50.2

148 67.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 2.775 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

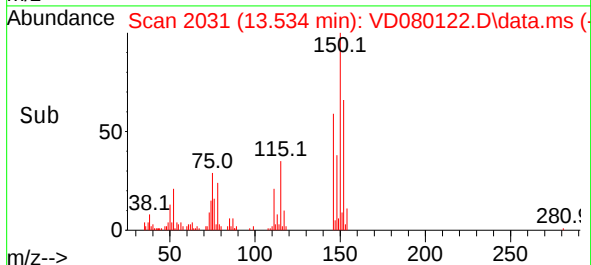
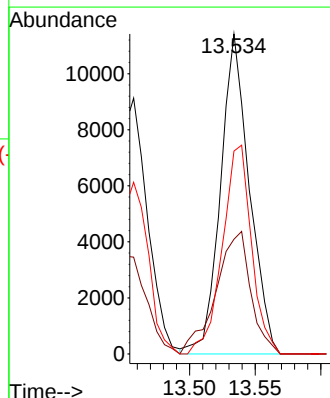
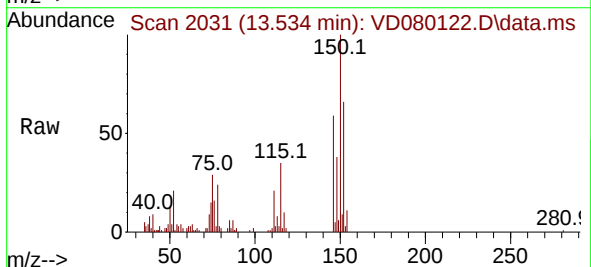
Tgt Ion:146 Resp: 17469

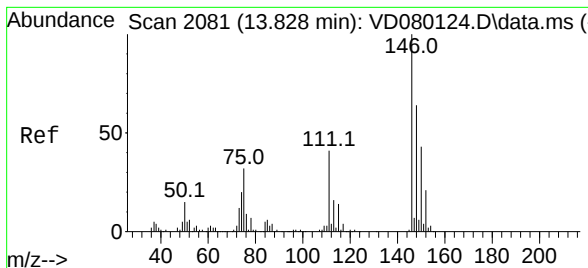
Ion Ratio Lower Upper

146 100

111 35.9 27.0 50.2

148 63.4 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 2.595 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :

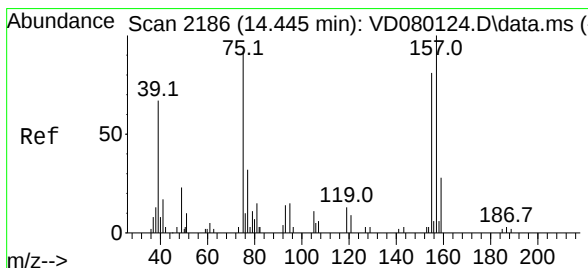
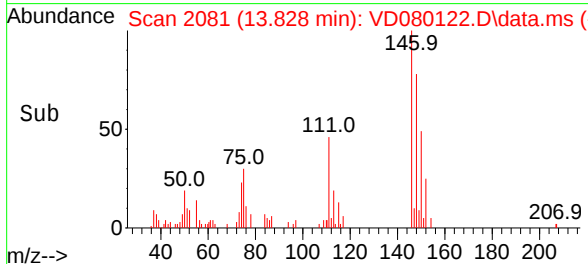
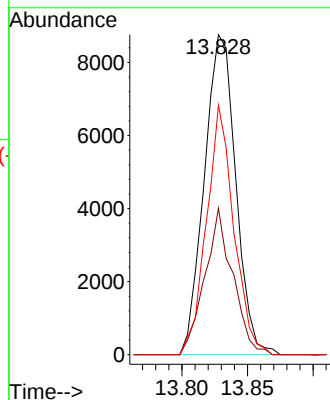
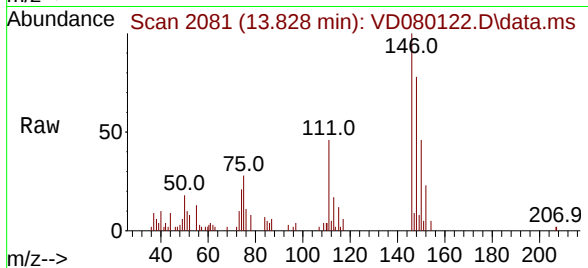
Tgt Ion:146 Resp: 14632

Ion Ratio Lower Upper

146 100

111 45.7 32.8 49.2

148 77.9 51.4 77.0#



#68

1,2-Dibromo-3-chloropropane

Concen: 3.022 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

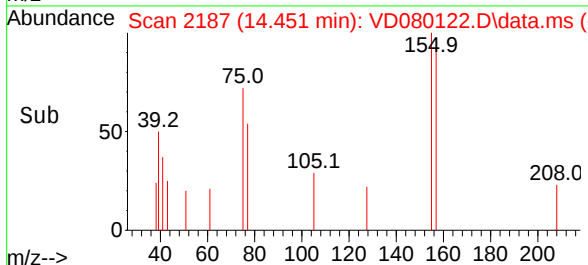
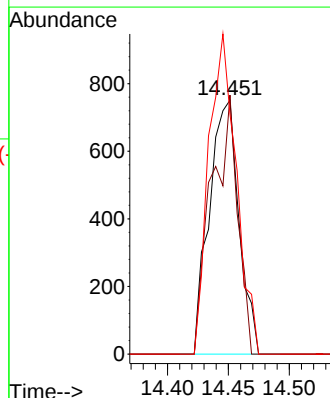
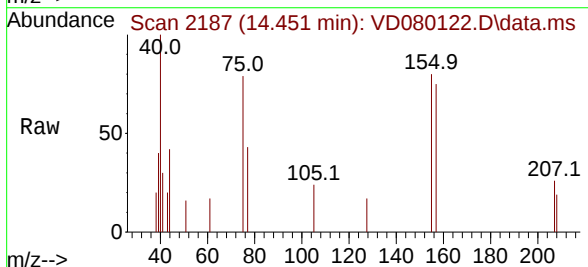
Tgt Ion: 75 Resp: 1268

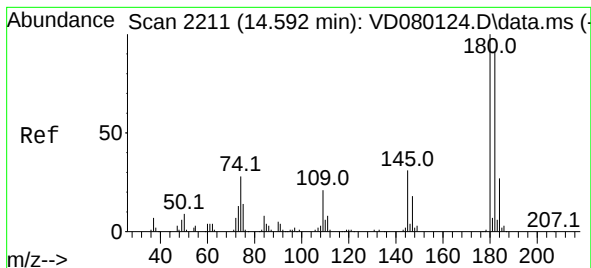
Ion Ratio Lower Upper

75 100

155 102.0 70.5 105.7

157 94.5 86.6 129.8





#69

1,3,5-Trichlorobenzene

Concen: 3.398 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

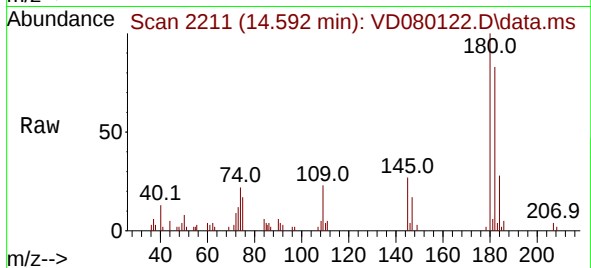
Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 13707

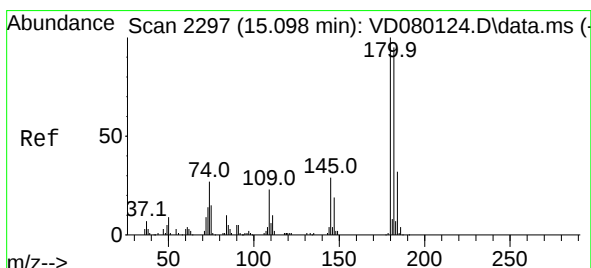
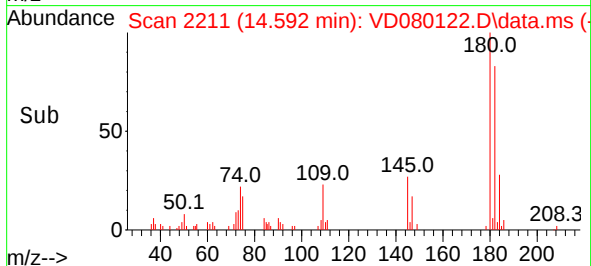
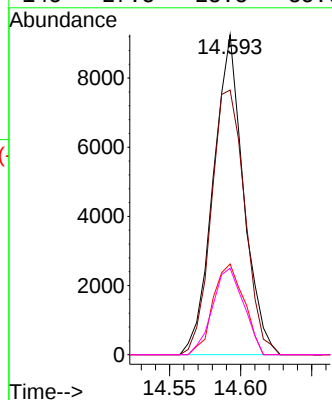
Ion Ratio Lower Upper

180 100

182 91.5 75.0 112.6

184 29.0 23.4 35.2

145 27.8 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 3.026 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

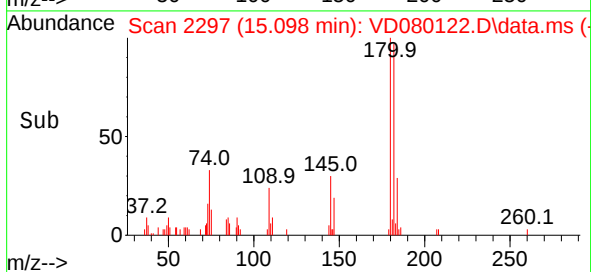
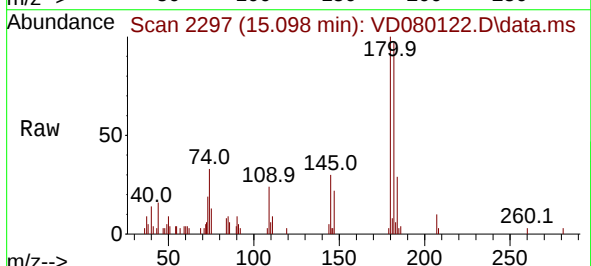
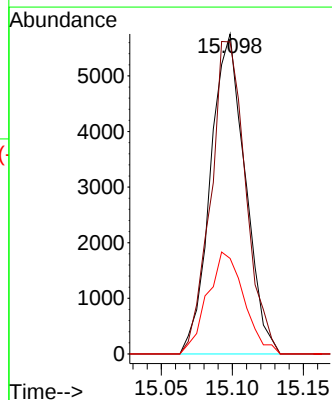
Tgt Ion:180 Resp: 9758

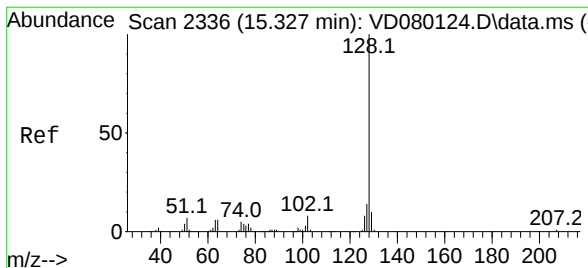
Ion Ratio Lower Upper

180 100

182 98.4 77.0 115.4

145 33.7 23.4 35.2





#71

Naphthalene

Concen: 2.822 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

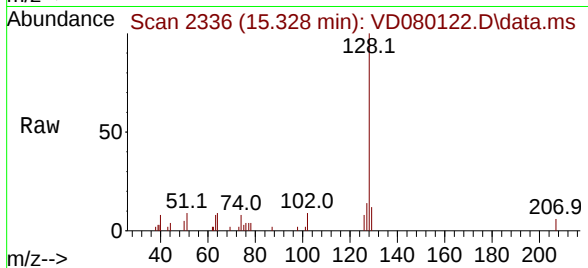
Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Instrument :

MSVOA_D

ClientSampleId :



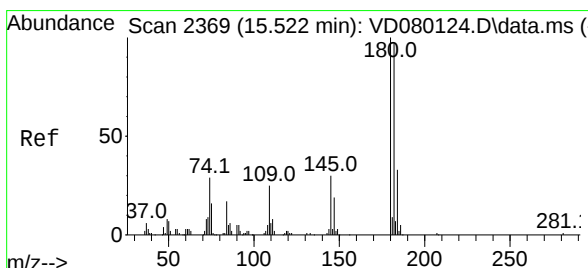
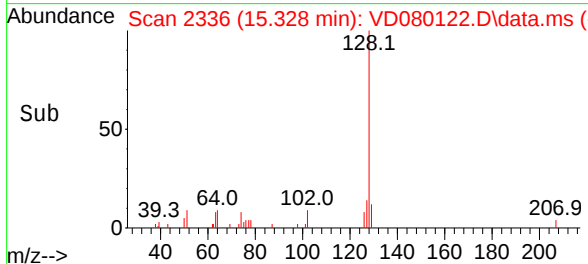
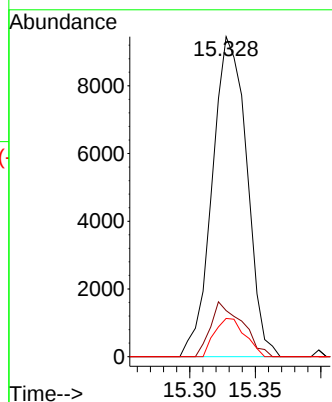
Tgt Ion:128 Resp: 17289

Ion Ratio Lower Upper

128 100

127 15.8 11.2 16.8

129 10.5 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 3.348 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD080122.D

Acq: 11 Dec 2024 09:29

Tgt Ion:180 Resp: 10868

Ion Ratio Lower Upper

180 100

182 100.7 78.1 117.1

145 29.4 25.8 38.8

