

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080199.D
 Acq On : 09 Jan 2025 17:53
 Operator : RP/MD
 Sample : MDL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 10 00:08:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	207884	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	208946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	90208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	159308	26.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.520%	
7) Chloroethane-d5	2.805	69	133709	26.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.960%	
11) 1,1-Dichloroethene-d2	3.922	65	35868	24.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.520%	
21) 2-Butanone-d5	6.993	46	32398	45.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.860%	
24) Chloroform-d	7.569	84	155941	23.904	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 95.600%	
26) 1,2-Dichloroethane-d4	8.234	65	92523	27.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.320%	
32) Benzene-d6	8.204	84	321107	23.805	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.200%	
36) 1,2-Dichloropropane-d6	9.210	67	107328	24.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 96.160%	
41) Toluene-d8	10.269	98	290484	23.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.520%	
43) trans-1,3-Dichloroprop...	10.528	79	41473	22.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 90.960%	
47) 2-Hexanone-d5	10.875	63	26790	48.149	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.300%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	81032	24.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 96.880%	
66) 1,2-Dichlorobenzene-d4	13.816	152	92385	27.244	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	5499	1.333	ug/L	94
3) Chloromethane	2.152	50	7709	1.371	ug/L	90
5) Vinyl chloride	2.287	62	9343	1.354	ug/L #	65
6) Bromomethane	2.693	94	5138	1.278	ug/L	98
8) Chloroethane	2.840	64	5644	1.333	ug/L	83
9) Trichlorofluoromethane	3.175	101	7165	1.249	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	1298	0.397	ug/L #	29
12) 1,1-Dichloroethene	3.934	96	1669	0.571	ug/L #	1
13) Acetone	4.022	43	896	1.606	ug/L #	38
14) Carbon disulfide	4.269	76	6721	0.617	ug/L	95
15) Methyl Acetate	4.575	43	1272	0.911	ug/L	97
17) trans-1,2-Dichloroethene	5.322	96	2744	0.864	ug/L	89
18) Methyl tert-butyl Ether	5.328	73	2284	0.377	ug/L #	91
19) 1,1-Dichloroethane	6.122	63	7035	1.147	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	4146	1.241	ug/L	90
22) 2-Butanone	7.099	43	2345	2.950	ug/L #	53
23) Bromochloromethane	7.428	128	1330	0.823	ug/L #	62
25) Chloroform	7.593	83	13123	1.931	ug/L	99
27) 1,2-Dichloroethane	8.334	62	5648	1.424	ug/L	96

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Quant Time: Jan 10 00:08:50 2025
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 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

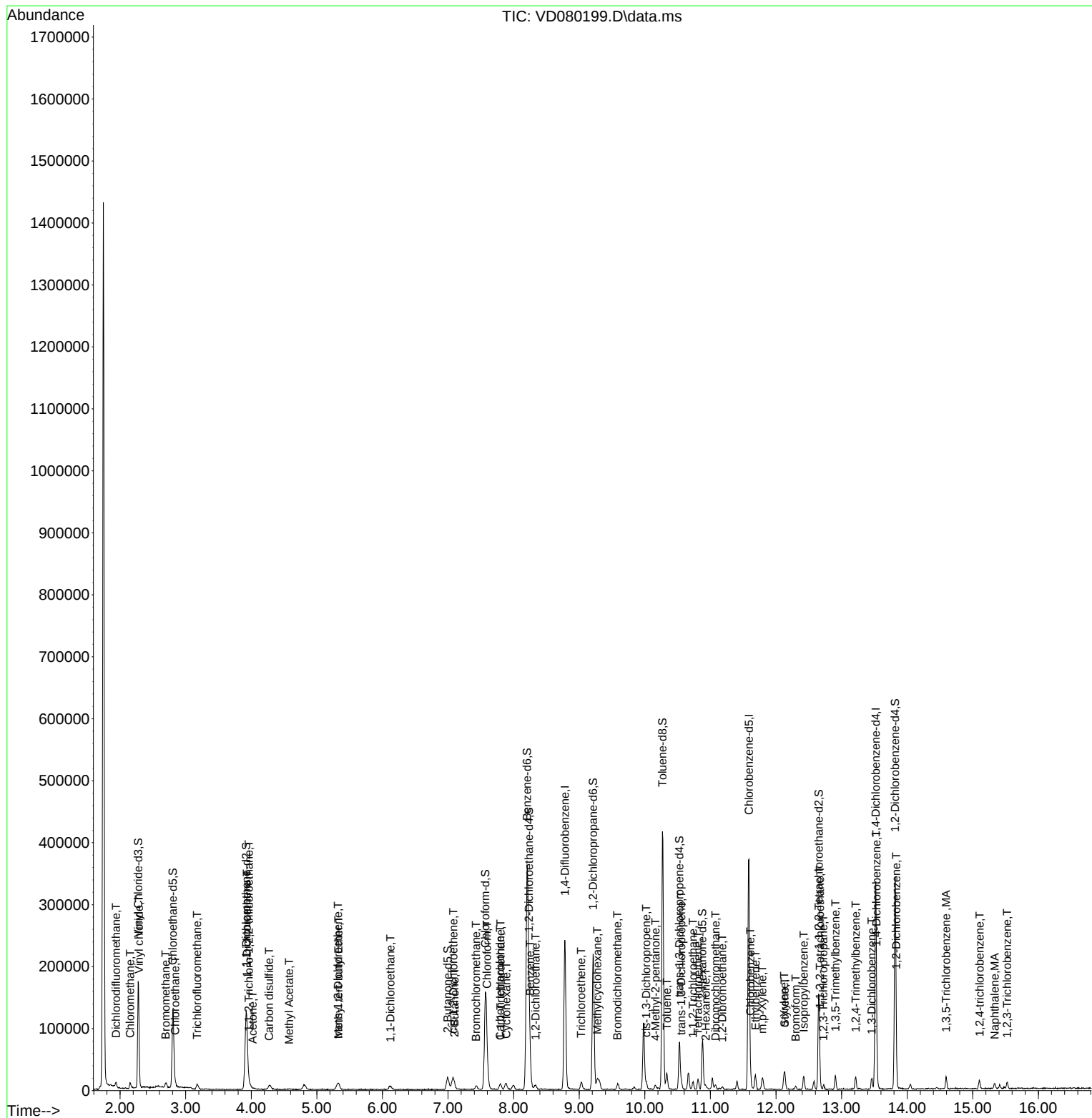
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.887	56	2035	0.387	ug/L #	1
30) 1,1,1-Trichloroethane	7.799	97	6245	1.128	ug/L	96
31) Carbon tetrachloride	7.793	117	557	0.114	ug/L	96
33) Benzene	8.252	78	18972	1.335	ug/L	100
34) Trichloroethene	9.028	95	4264	1.159	ug/L	91
35) Methylcyclohexane	9.275	83	5857	1.070	ug/L	97
38) Bromodichloromethane	9.581	83	3342	0.689	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	6002	1.097	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	4669	2.457	ug/L #	93
42) Toluene	10.340	91	17436	1.175	ug/L	94
44) trans-1,3-Dichloropropene	10.557	75	5479	1.160	ug/L	89
45) 1,1,2-Trichloroethane	10.734	97	3482	1.232	ug/L	89
46) Tetrachloroethene	10.810	164	3429	1.157	ug/L	90
48) 2-Hexanone	10.928	43	3362	2.595	ug/L #	92
49) Dibromochloromethane	11.081	129	3702	1.176	ug/L	75
50) 1,2-Dibromoethane	11.181	107	3152	1.227	ug/L #	91
51) Chlorobenzene	11.610	112	11246	1.182	ug/L	92
52) Ethylbenzene	11.687	91	15857	0.996	ug/L	94
53) m,p-Xylene	11.793	106	5600	0.941	ug/L	91
54) o-Xylene	12.128	106	4592	0.825	ug/L	90
55) Styrene	12.134	104	8992	0.892	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.669	83	4430	1.383	ug/L #	75
59) Bromoform	12.298	173	2177	1.345	ug/L #	85
60) Isopropylbenzene	12.422	105	13256	1.054	ug/L	97
61) 1,2,3-Trichloropropane	12.722	75	2554	1.339	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.904	105	10223	1.020	ug/L	96
63) 1,2,4-Trimethylbenzene	13.216	105	10607	1.085	ug/L	92
64) 1,3-Dichlorobenzene	13.457	146	7194	1.169	ug/L	91
65) 1,4-Dichlorobenzene	13.534	146	8143	1.281	ug/L	85
67) 1,2-Dichlorobenzene	13.834	146	7657	1.389	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	5214	1.246	ug/L	94
70) 1,2,4-trichlorobenzene	15.104	180	4571	1.339	ug/L	87
71) Naphthalene	15.334	128	7099	1.181	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.522	180	3286	1.036	ug/L	88

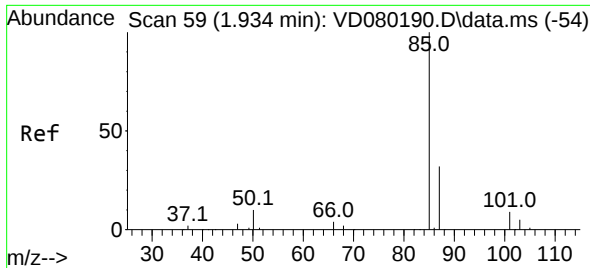
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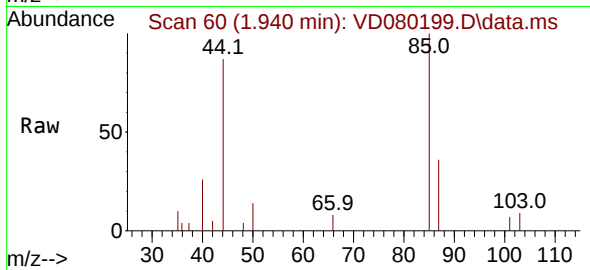
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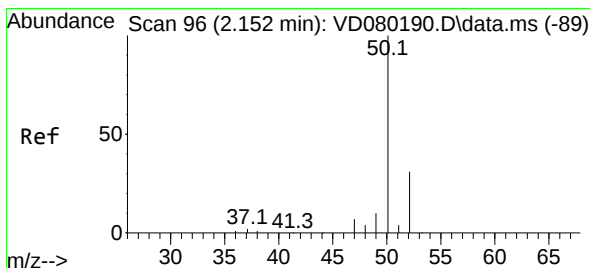
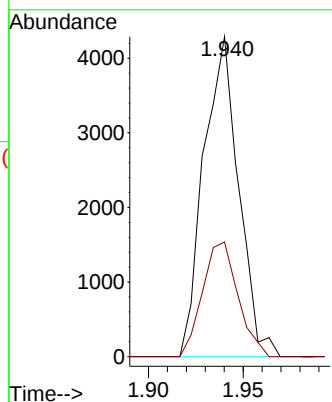
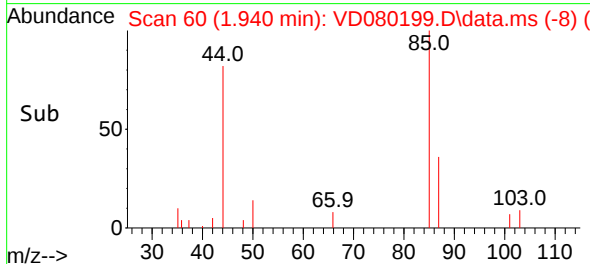


#2
 Dichlorodifluoromethane
 Concen: 1.333 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

Instrument :
 MSVOA_D
 ClientSampleId :

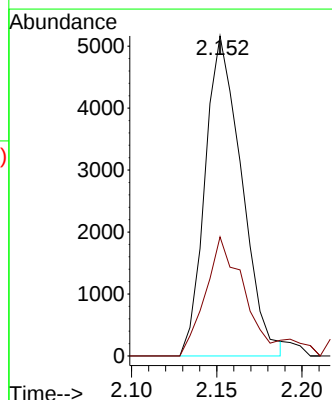
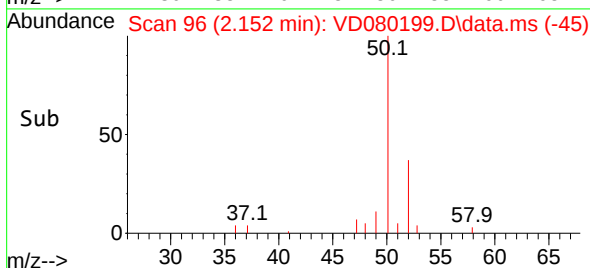
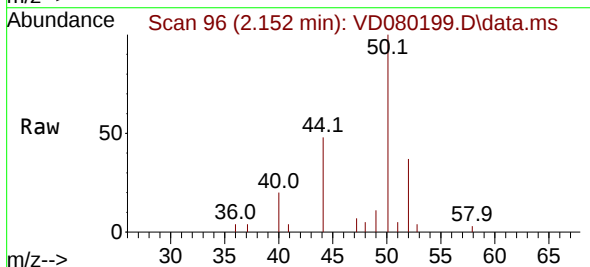


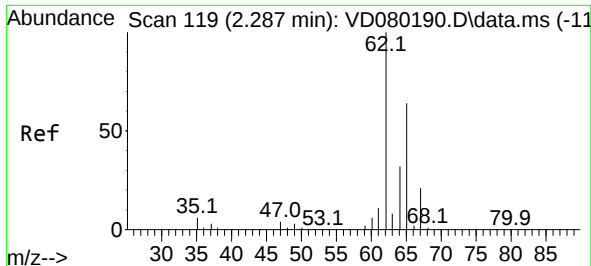
Tgt Ion: 85 Resp: 5499
 Ion Ratio Lower Upper
 85 100
 87 36.4 26.4 39.6



#3
 Chloromethane
 Concen: 1.371 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

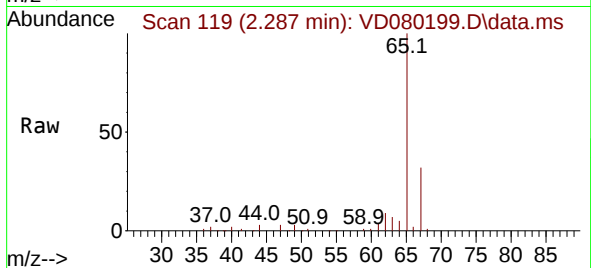
Tgt Ion: 50 Resp: 7709
 Ion Ratio Lower Upper
 50 100
 52 37.2 22.0 40.8



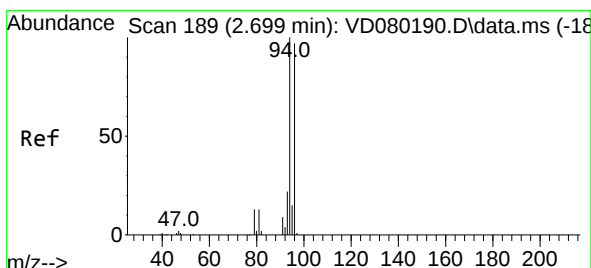
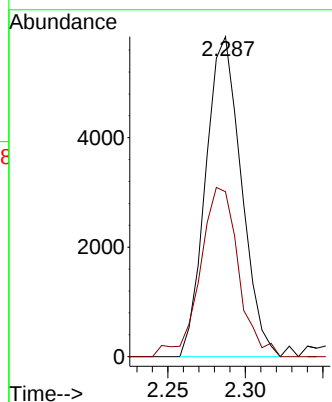
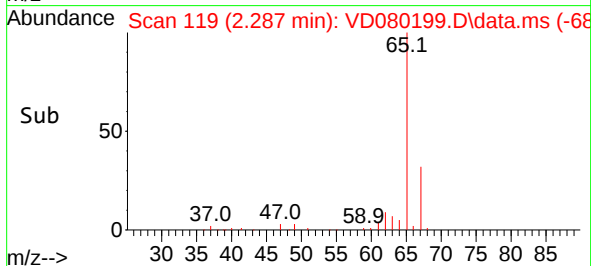


#5
 Vinyl chloride
 Concen: 1.354 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

Instrument :
 MSVOA_D
 ClientSampleId :

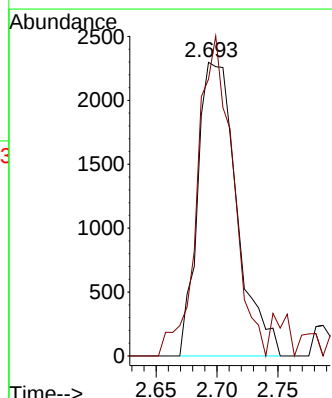
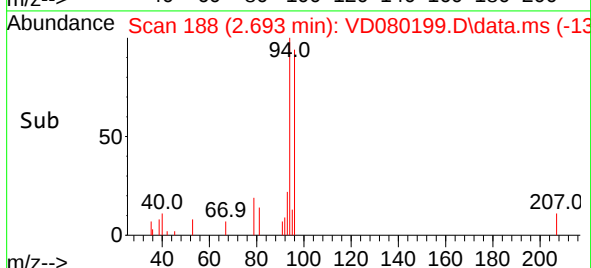
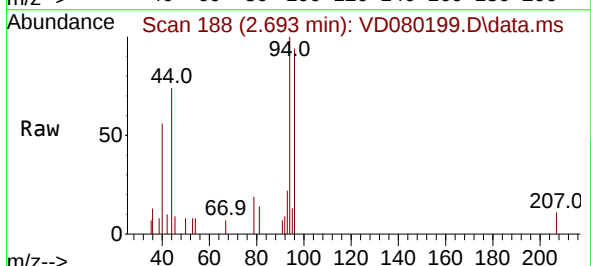


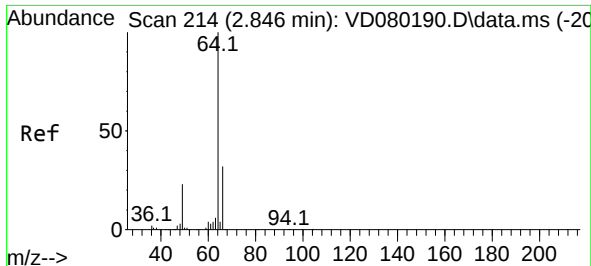
Tgt Ion: 62 Resp: 9343
 Ion Ratio Lower Upper
 62 100
 64 51.5 22.3 41.5#



#6
 Bromomethane
 Concen: 1.278 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

Tgt Ion: 94 Resp: 5138
 Ion Ratio Lower Upper
 94 100
 96 94.3 67.7 125.7

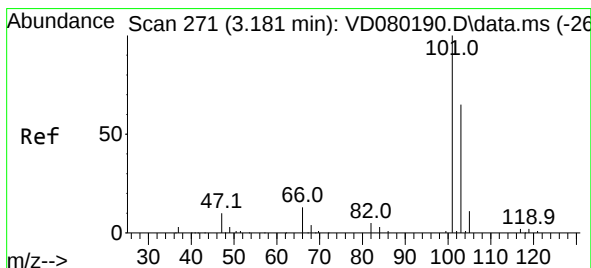
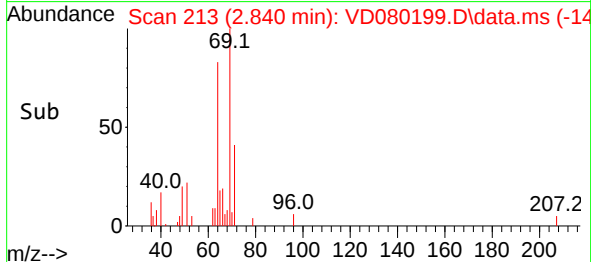
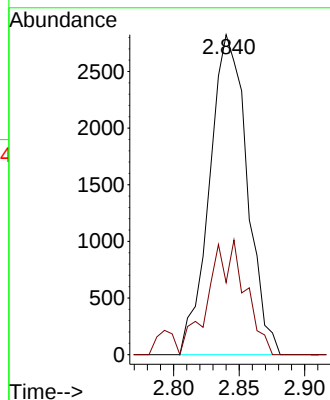
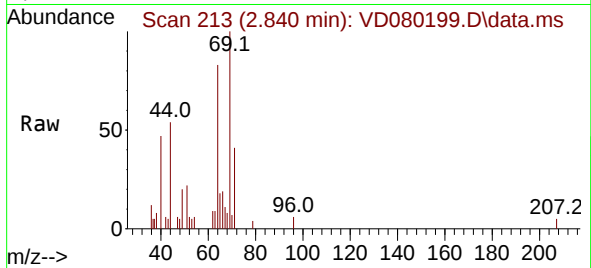




#8
Chloroethane
Concen: 1.333 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

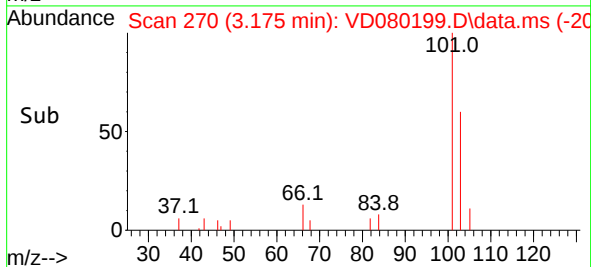
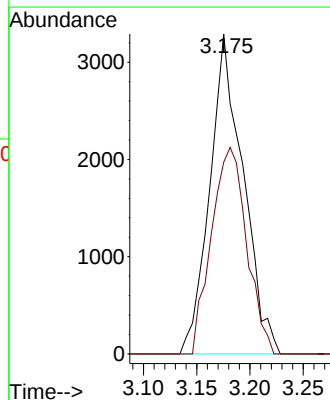
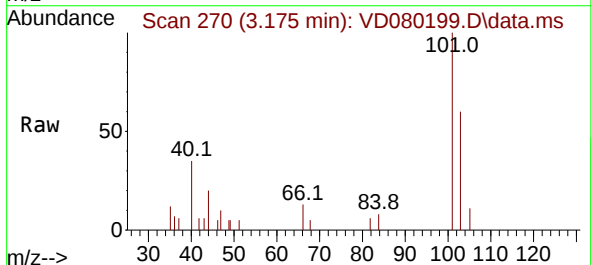
Instrument :
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ClientSampleId :

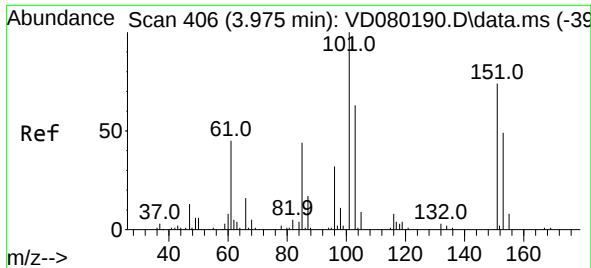
Tgt Ion: 64 Resp: 5644
Ion Ratio Lower Upper
64 100
66 22.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.249 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion:101 Resp: 7165
Ion Ratio Lower Upper
101 100
103 68.2 52.2 78.2

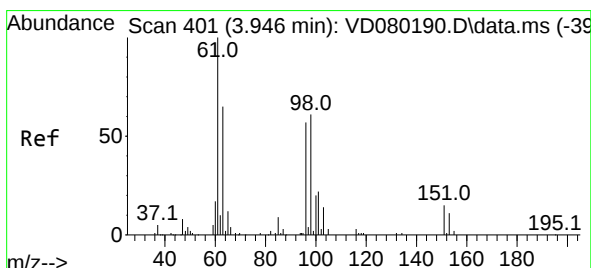
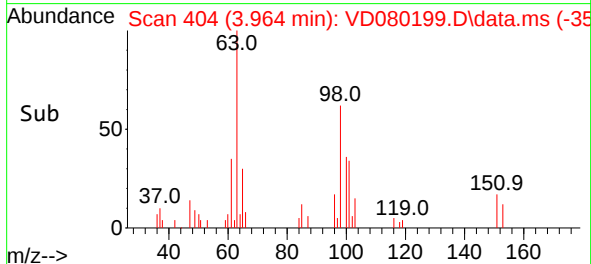
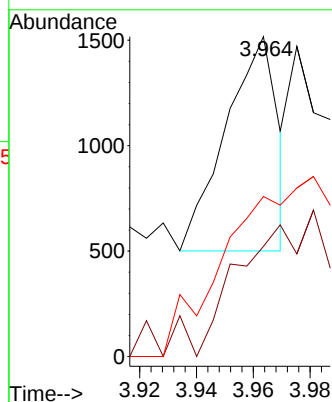
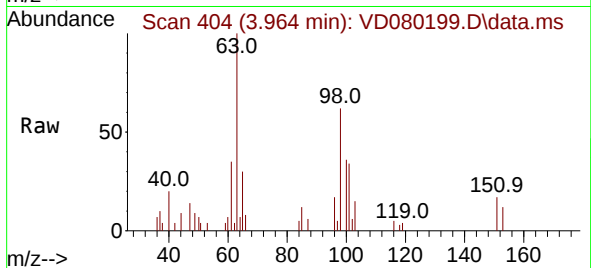




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.397 ug/L
 RT: 3.964 min Scan# 406
 Delta R.T. -0.012 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

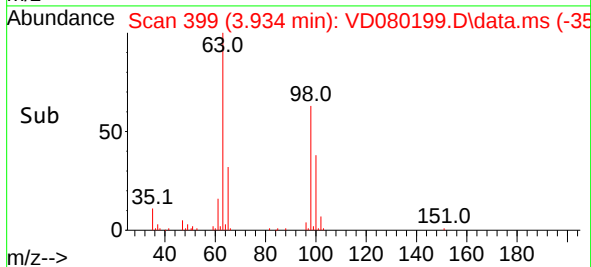
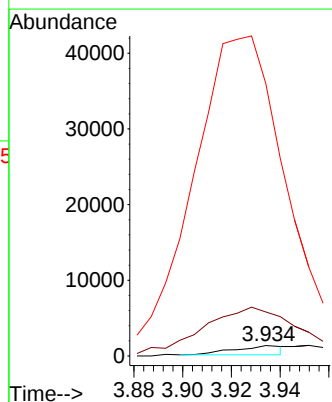
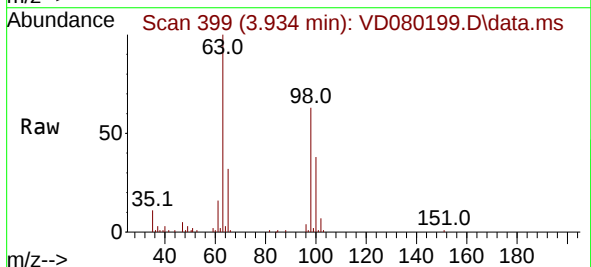
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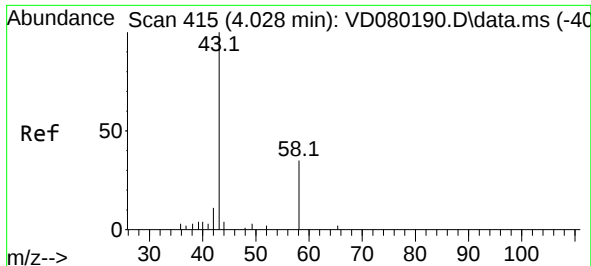
Tgt Ion:101 Resp: 1298
 Ion Ratio Lower Upper
 101 100
 85 72.8 35.6 53.4#
 151 0.0 60.0 90.0#



#12
 1,1-Dichloroethene
 Concen: 0.571 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.012 min
 Lab File: VD080199.D
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Tgt Ion: 96 Resp: 1669
 Ion Ratio Lower Upper
 96 100
 61 423.3 123.1 228.7#
 63 2622.6 89.6 166.4#

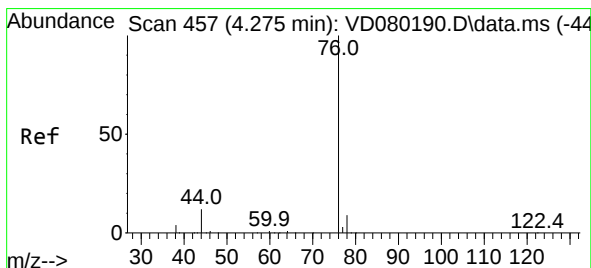
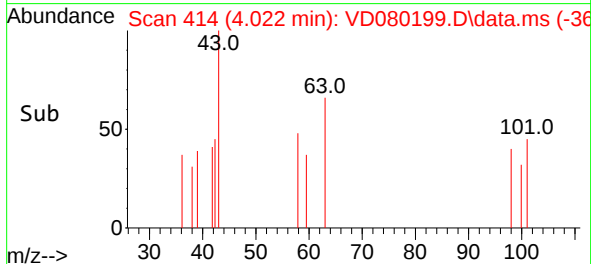
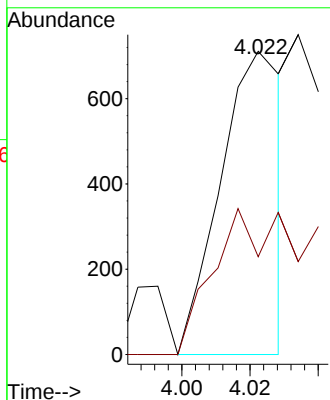
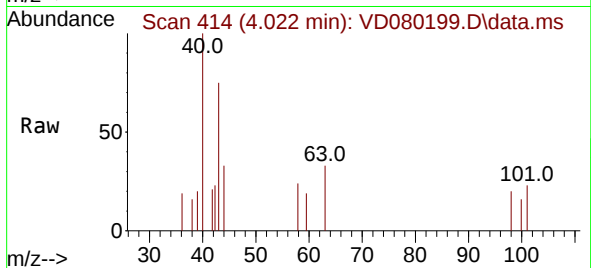




#13
Acetone
Concen: 1.606 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

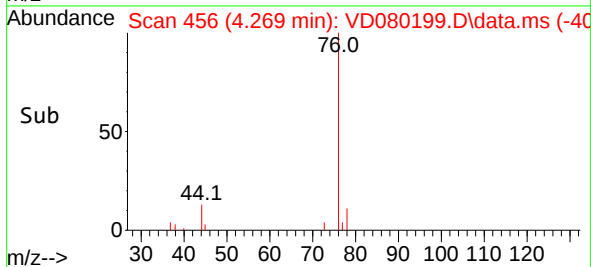
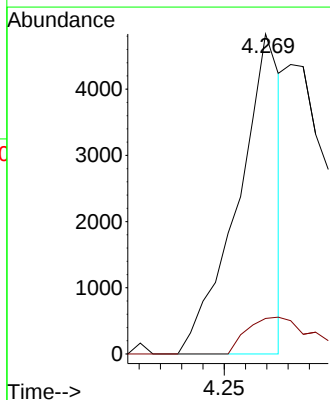
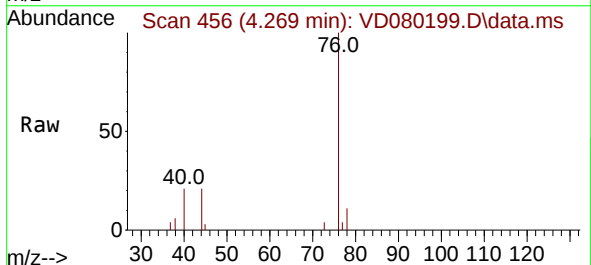
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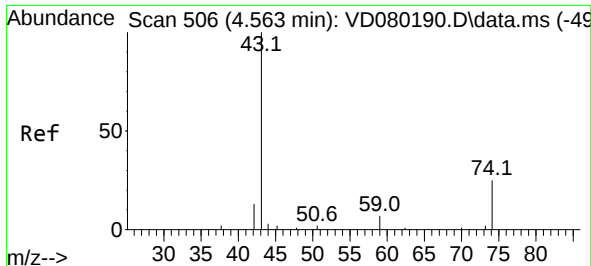
Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 58.3 0.0 52.8#



#14
Carbon disulfide
Concen: 0.617 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 6721
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3

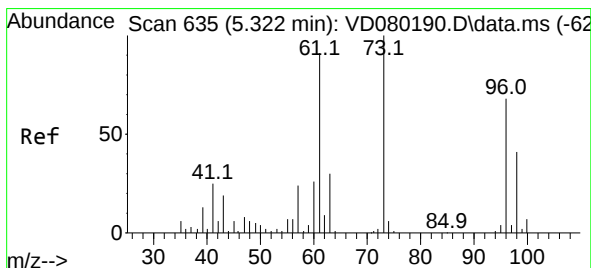
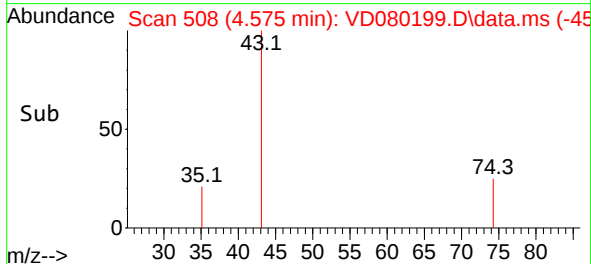
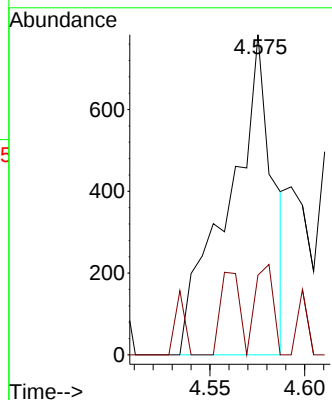
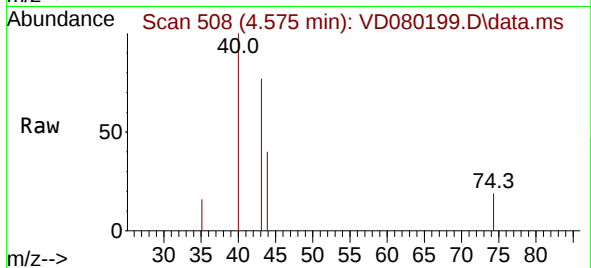




#15
Methyl Acetate
Concen: 0.911 ug/L
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

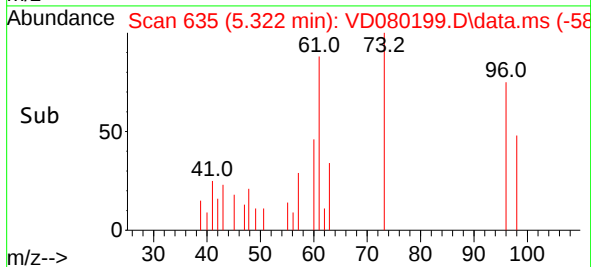
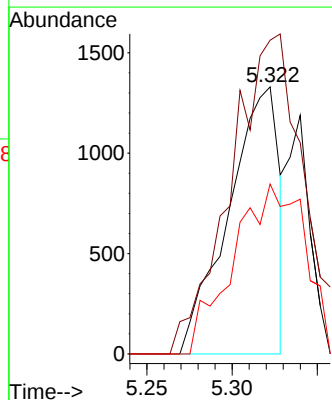
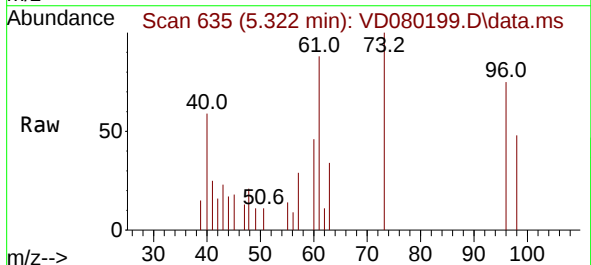
Instrument :
MSVOA_D
ClientSampleId :

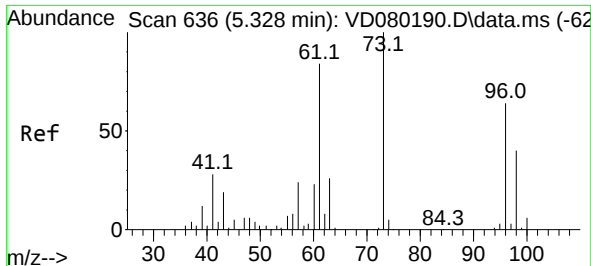
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
74 11.6 10.1 15.1



#17
trans-1,2-Dichloroethene
Concen: 0.864 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 96 Resp: 2744
Ion Ratio Lower Upper
96 100
61 117.5 93.7 173.9
98 63.6 42.1 78.1

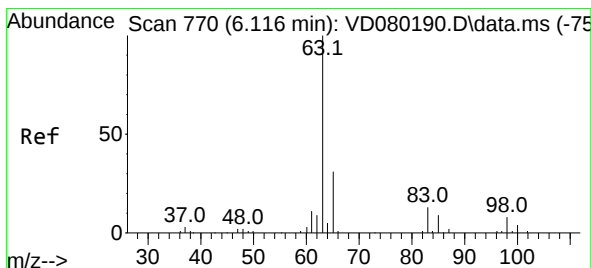
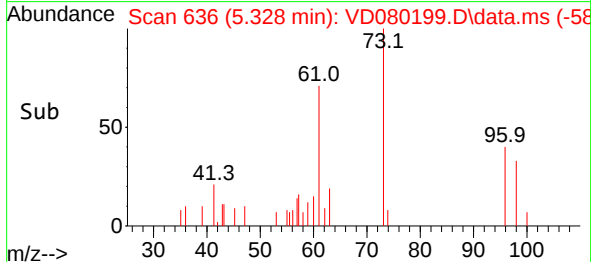
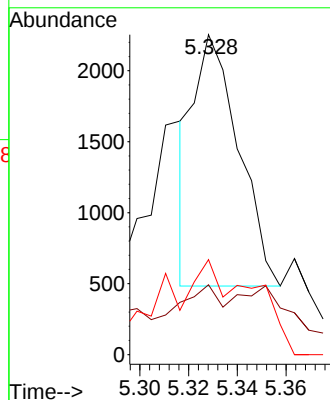
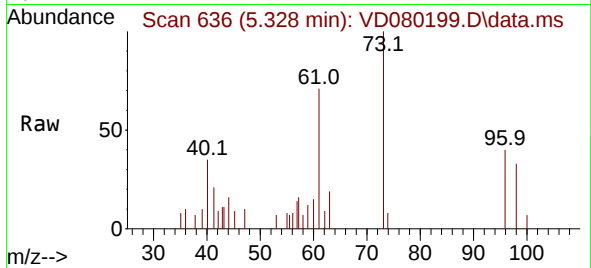




#18
Methyl tert-butyl Ether
Concen: 0.377 ug/L
RT: 5.328 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

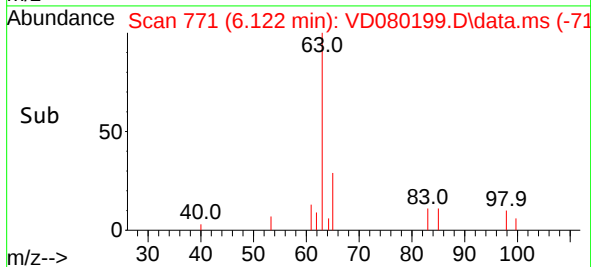
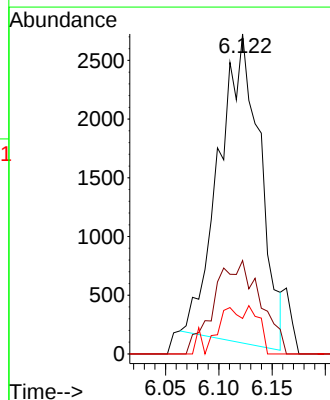
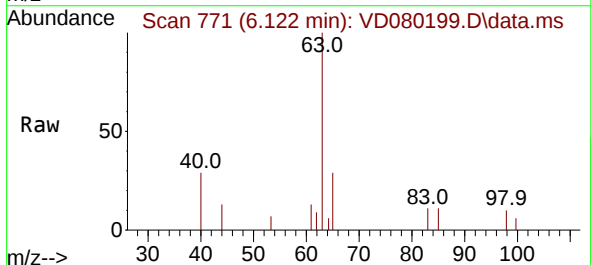
Instrument :
MSVOA_D
ClientSampleId :

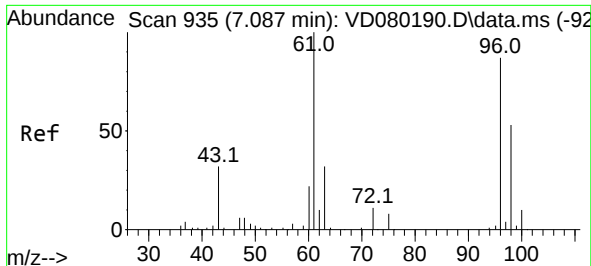
Tgt Ion: 73 Resp: 2284
Ion Ratio Lower Upper
73 100
43 29.1 16.6 24.8#
57 24.6 18.9 28.3



#19
1,1-Dichloroethane
Concen: 1.147 ug/L
RT: 6.122 min Scan# 771
Delta R.T. 0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 63 Resp: 7035
Ion Ratio Lower Upper
63 100
65 29.2 21.7 40.3
83 11.1 8.8 16.4

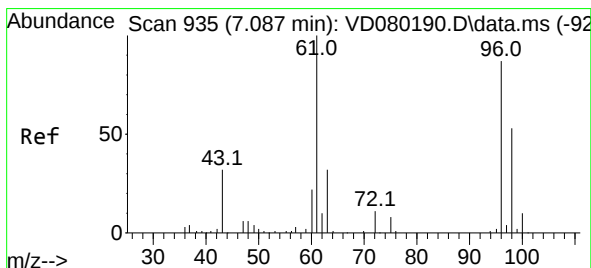
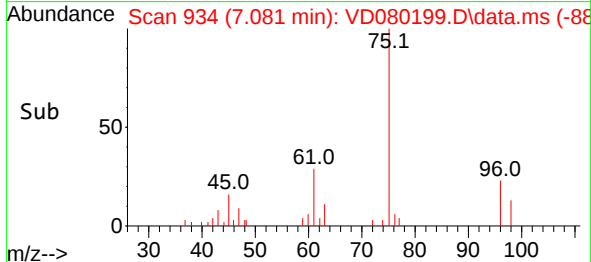
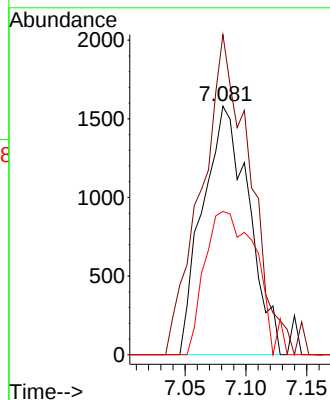
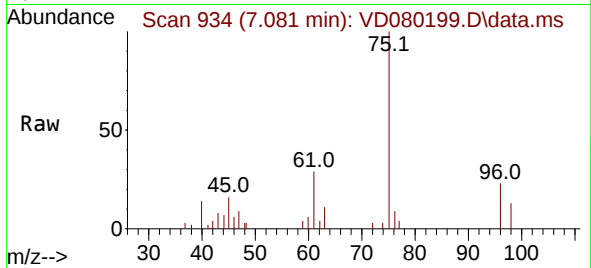




#20
 cis-1,2-Dichloroethene
 Concen: 1.241 ug/L
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

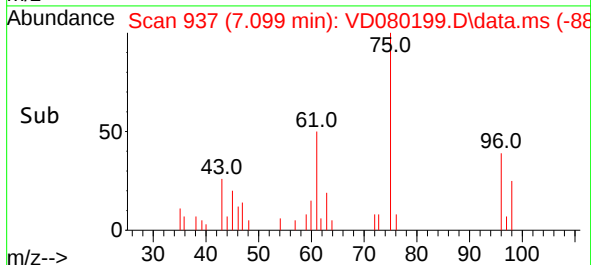
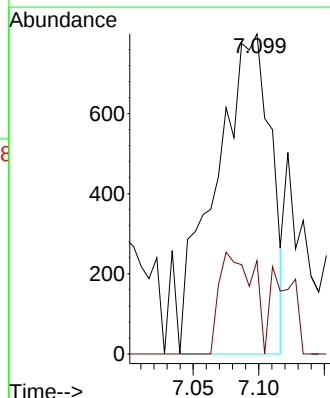
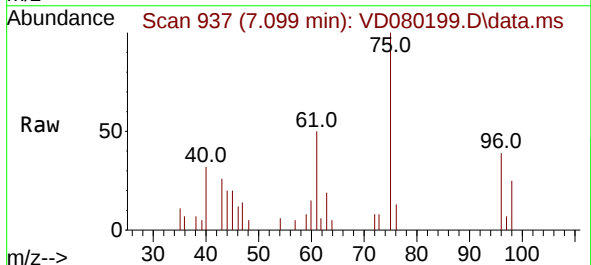
Instrument :
 MSVOA_D
 ClientSampleId :

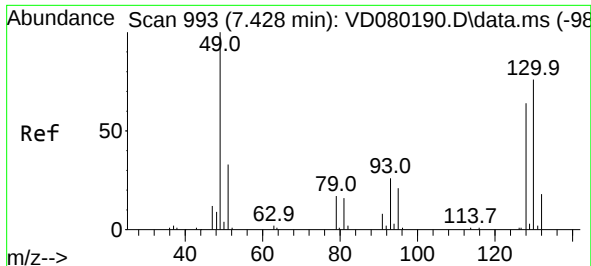
Tgt Ion: 96 Resp: 4146
 Ion Ratio Lower Upper
 96 100
 61 128.8 80.8 150.0
 98 57.7 42.6 79.0



#22
 2-Butanone
 Concen: 2.950 ug/L
 RT: 7.099 min Scan# 937
 Delta R.T. 0.012 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

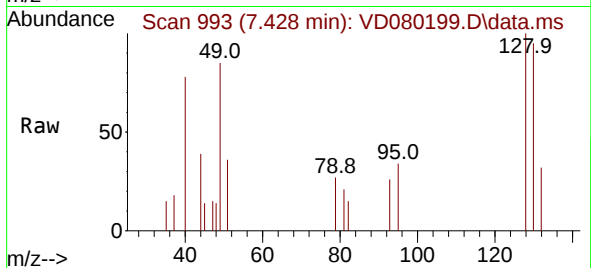
Tgt Ion: 43 Resp: 2345
 Ion Ratio Lower Upper
 43 100
 72 3.5 14.0 42.0#



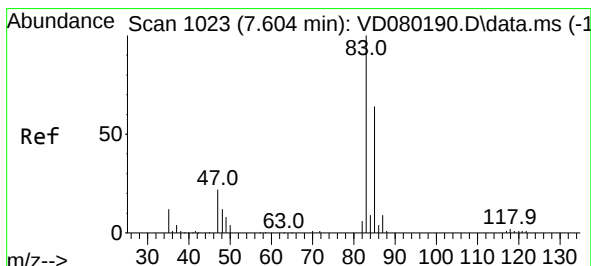
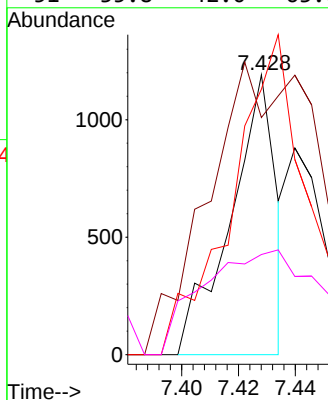
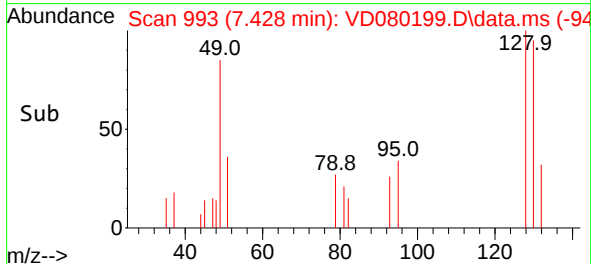


#23
Bromochloromethane
Concen: 0.823 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :

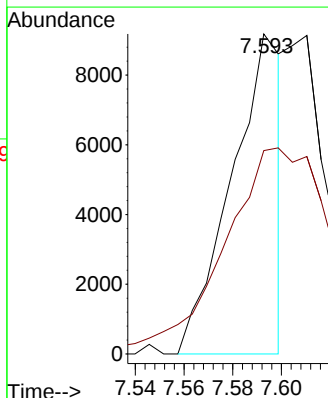
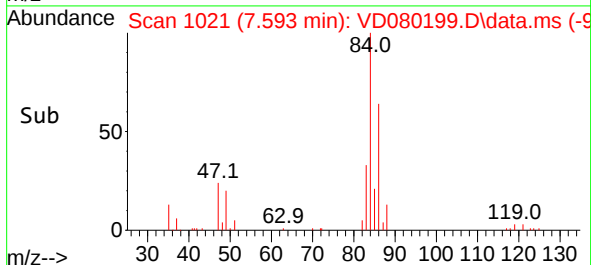
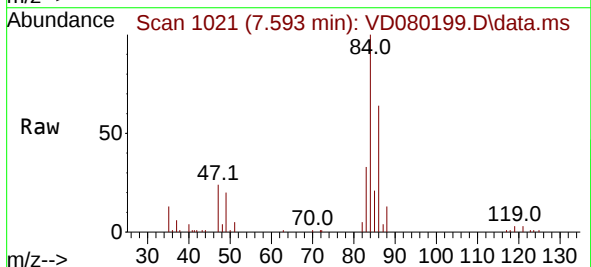


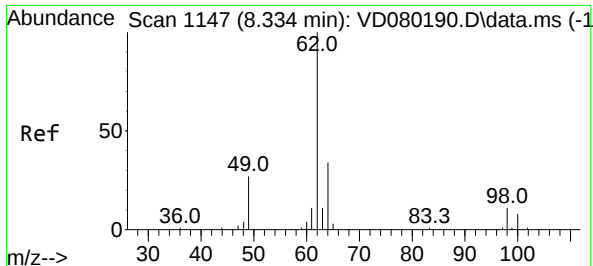
Tgt Ion:128 Resp: 1330
Ion Ratio Lower Upper
128 100
49 84.7 110.7 205.7#
130 94.9 83.1 154.3
51 35.8 42.0 63.0#



#25
Chloroform
Concen: 1.931 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.012 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 83 Resp: 13123
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9





#27

1,2-Dichloroethane

Concen: 1.424 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

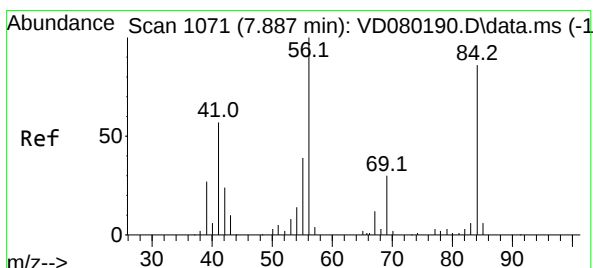
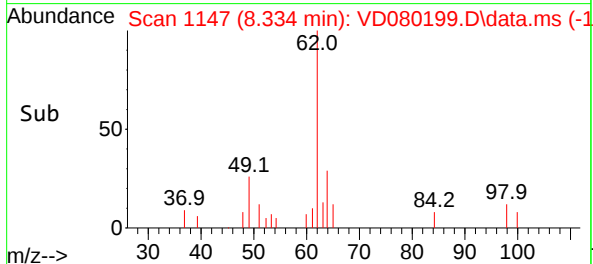
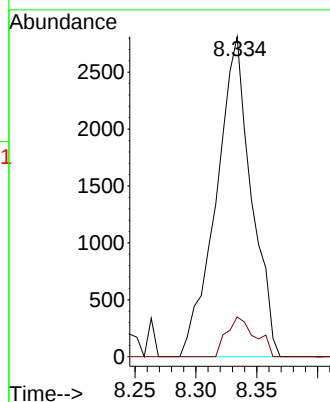
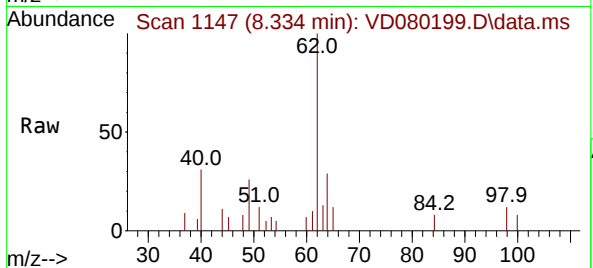
ClientSampleId :

Tgt Ion: 62 Resp: 5648

Ion Ratio Lower Upper

62 100

98 12.4 8.6 13.0



#29

Cyclohexane

Concen: 0.387 ug/L

RT: 7.887 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

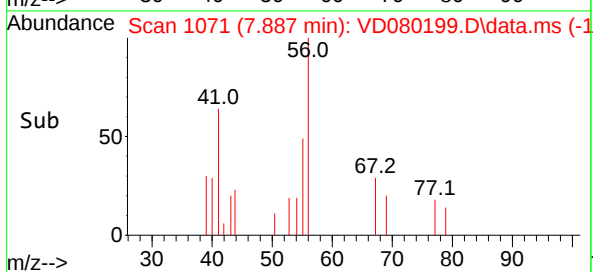
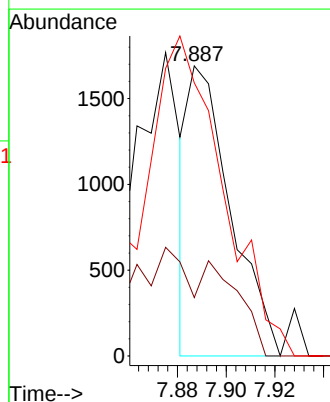
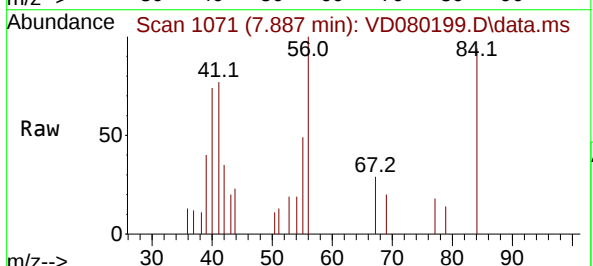
Tgt Ion: 56 Resp: 2035

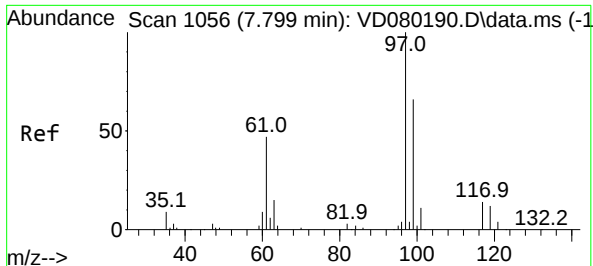
Ion Ratio Lower Upper

56 100

69 28.5 24.2 36.4

84 210.4 68.8 103.2#





#30

1,1,1-Trichloroethane

Concen: 1.128 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

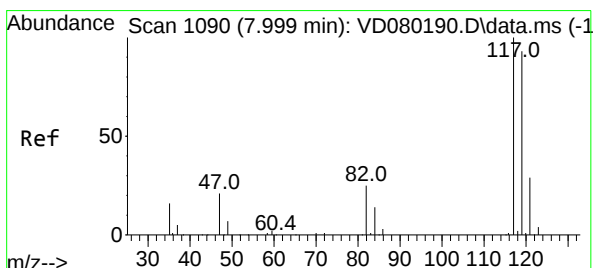
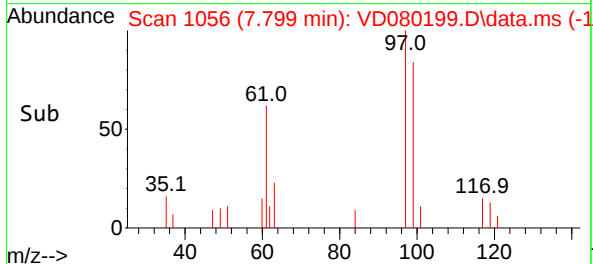
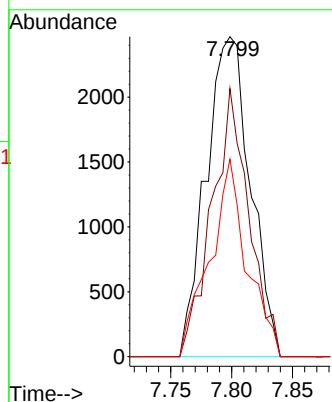
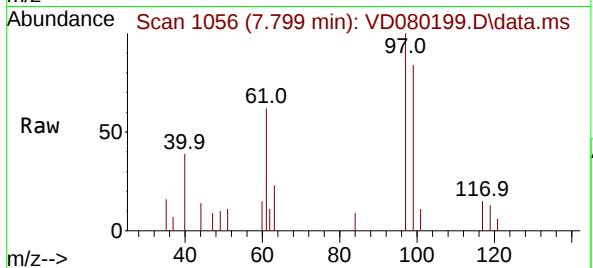
Tgt Ion: 97 Resp: 6245

Ion Ratio Lower Upper

97 100

99 69.8 51.7 77.5

61 45.5 35.8 53.6



#31

Carbon tetrachloride

Concen: 0.114 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.206 min

Lab File: VD080199.D

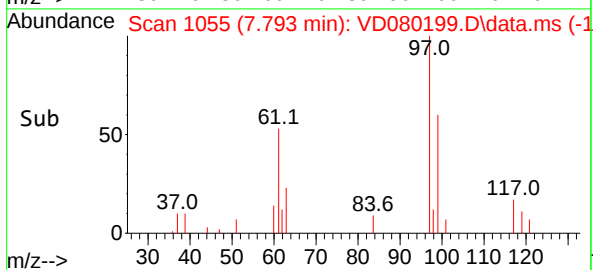
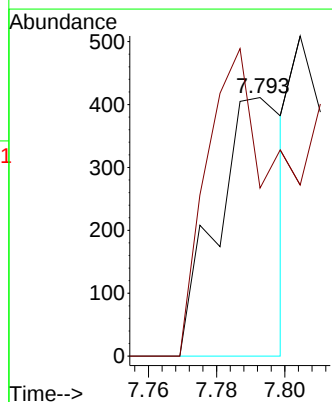
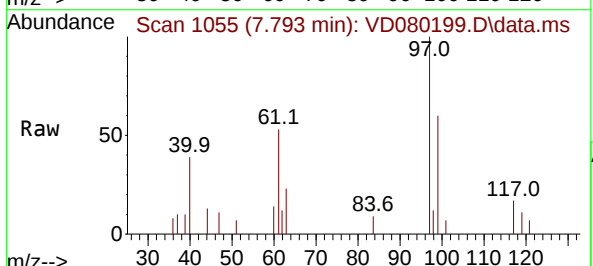
Acq: 09 Jan 2025 17:53

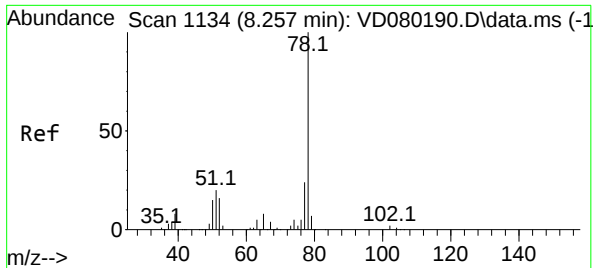
Tgt Ion: 117 Resp: 557

Ion Ratio Lower Upper

117 100

119 90.5 75.8 113.8

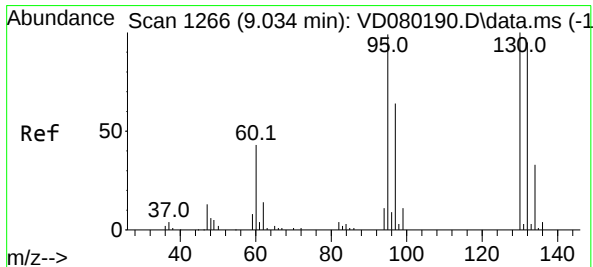
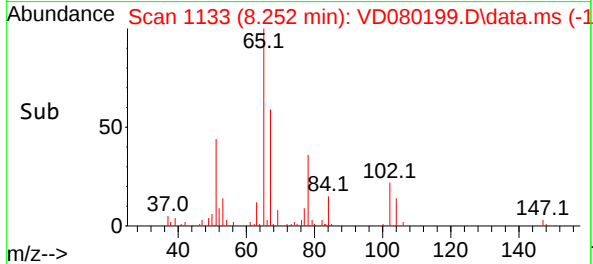
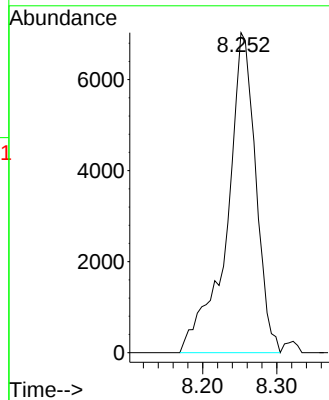
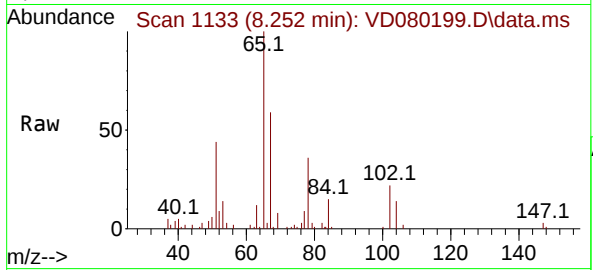




#33
Benzene
Concen: 1.335 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :

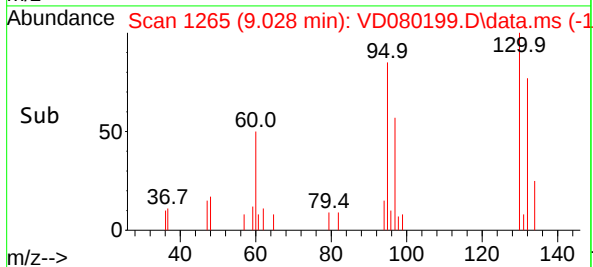
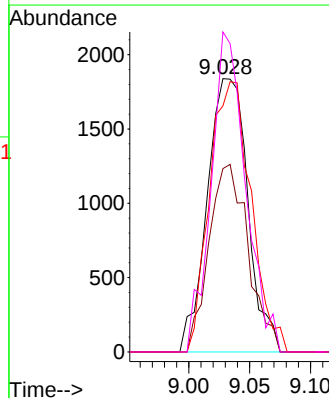
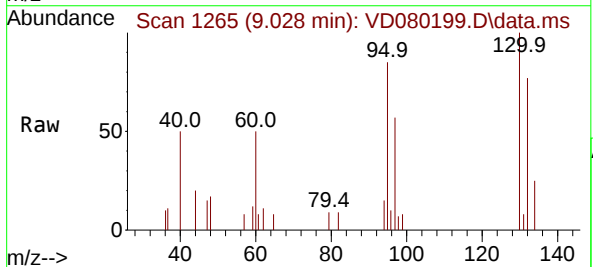
Tgt Ion: 78 Resp: 18972

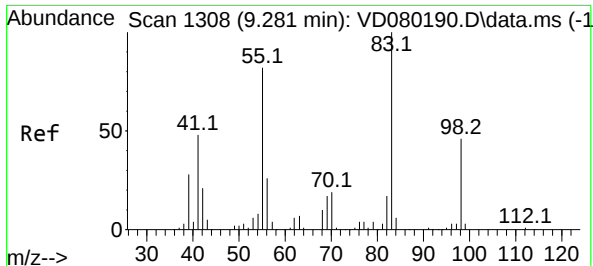


#34
Trichloroethene
Concen: 1.159 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 95 Resp: 4264

Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.6	84.6
132	90.0	67.2	124.8
130	117.1	71.0	131.8





#35

Methylcyclohexane

Concen: 1.070 ug/L

RT: 9.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

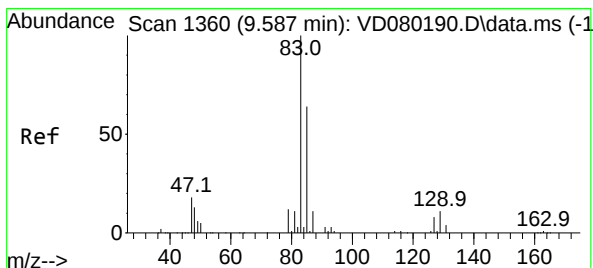
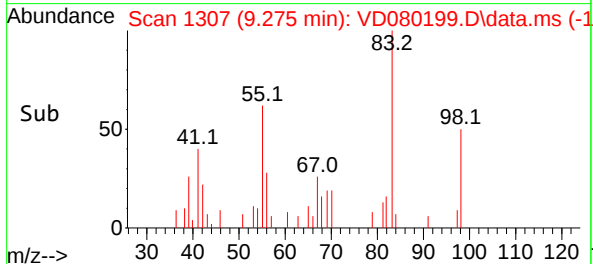
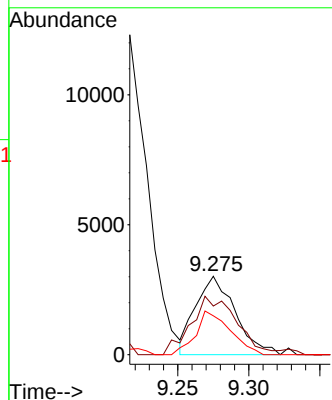
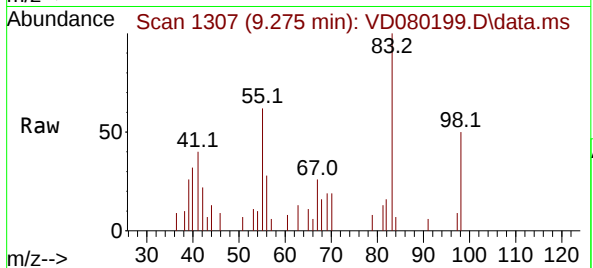
Tgt Ion: 83 Resp: 5857

Ion Ratio Lower Upper

83 100

55 84.9 65.6 98.4

98 48.2 37.7 56.5



#38

Bromodichloromethane

Concen: 0.689 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

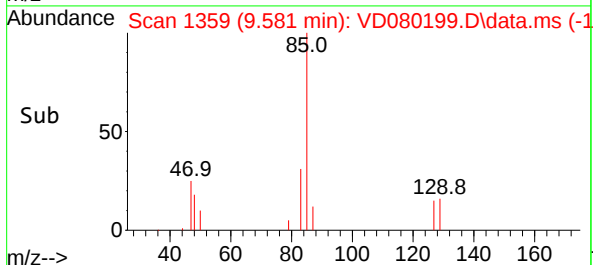
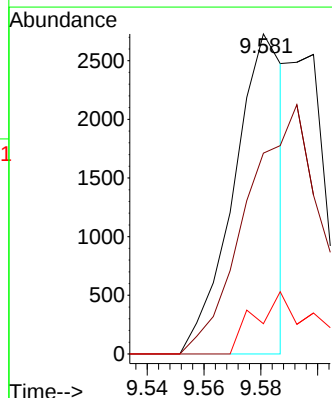
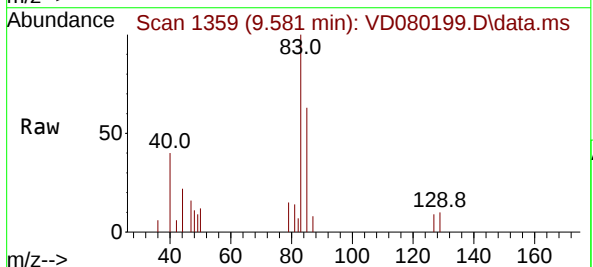
Tgt Ion: 83 Resp: 3342

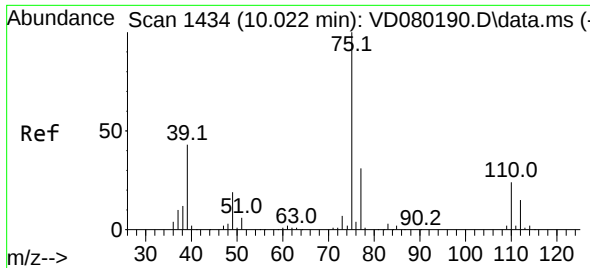
Ion Ratio Lower Upper

83 100

85 62.8 44.6 82.8

127 9.5 6.7 10.1

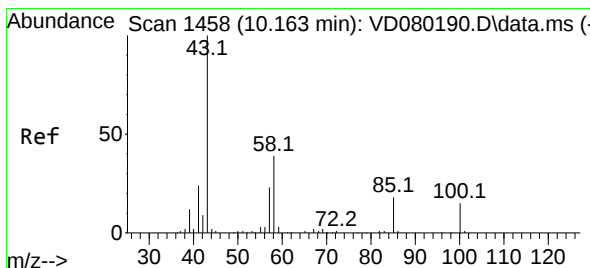
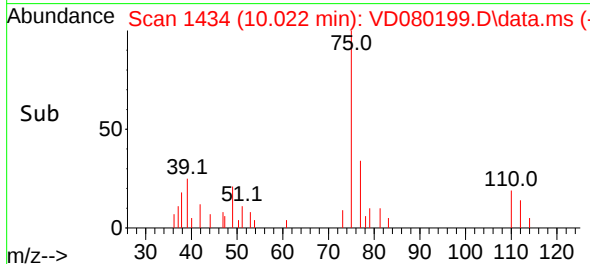
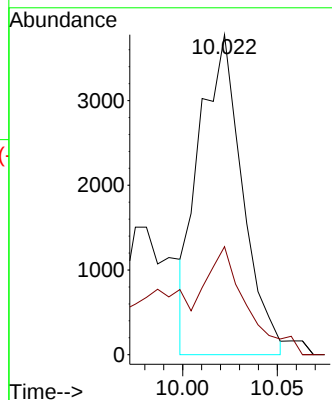
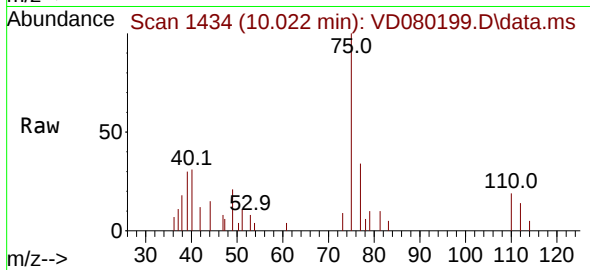




#39
 cis-1,3-Dichloropropene
 Concen: 1.097 ug/L
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

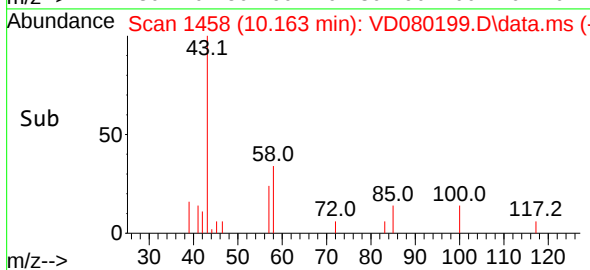
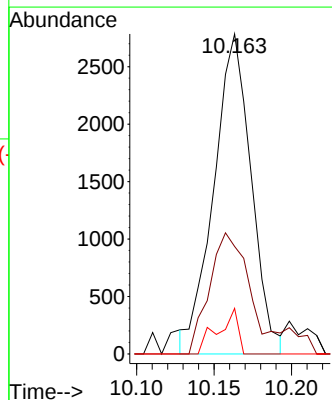
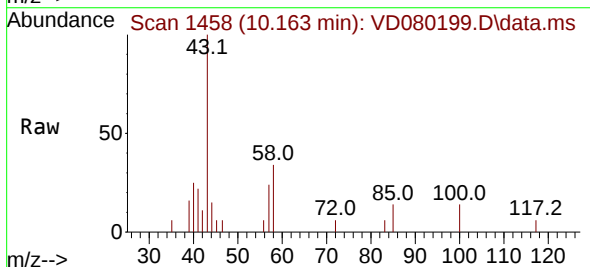
Instrument :
 MSVOA_D
 ClientSampleId :

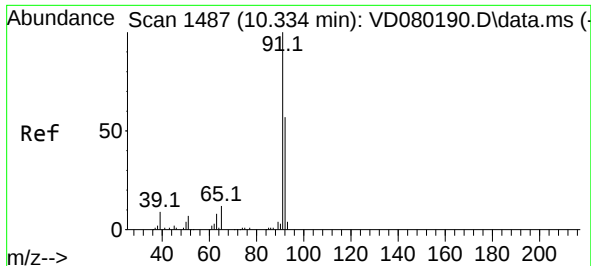
Tgt Ion: 75 Resp: 6002
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 2.457 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

Tgt Ion: 43 Resp: 4669
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.0 46.6
 100 4.6 12.1 18.1#

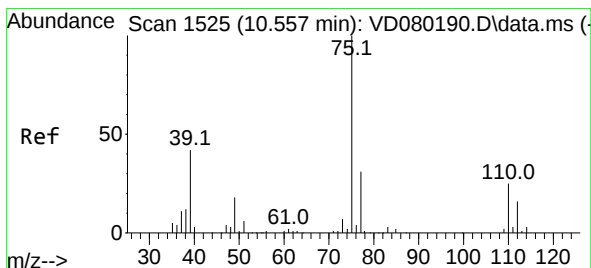
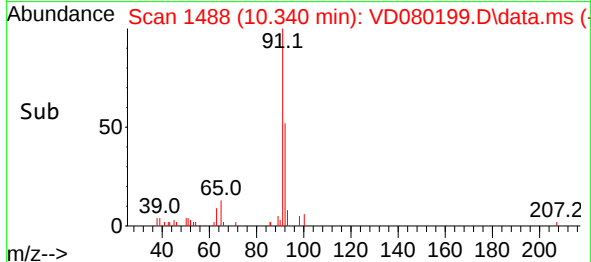
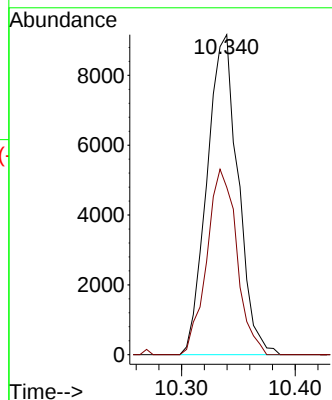
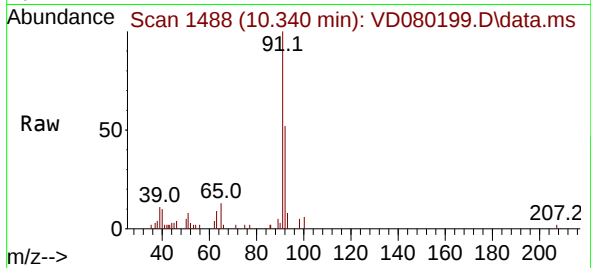




#42
Toluene
Concen: 1.175 ug/L
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

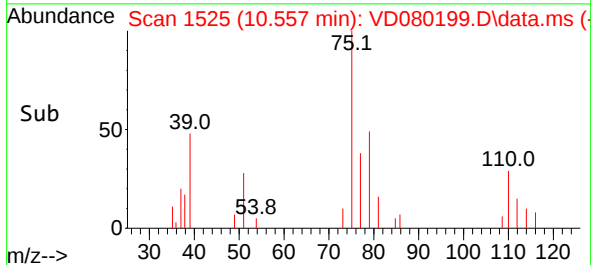
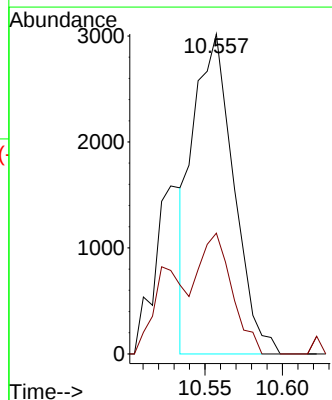
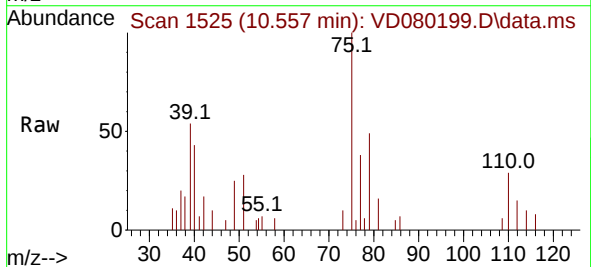
Instrument :
MSVOA_D
ClientSampleId :

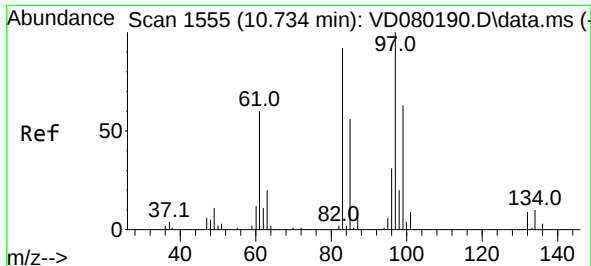
Tgt Ion: 91 Resp: 17436
Ion Ratio Lower Upper
91 100
92 52.3 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 1.160 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

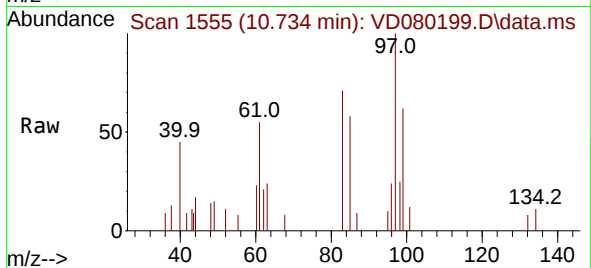
Tgt Ion: 75 Resp: 5479
Ion Ratio Lower Upper
75 100
77 37.7 22.0 40.8



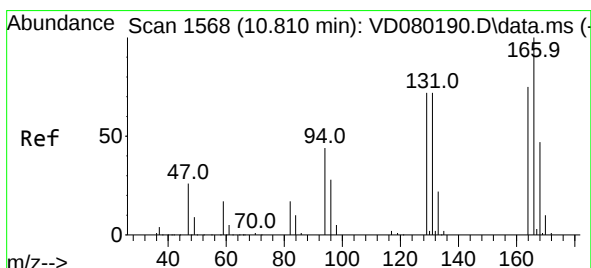
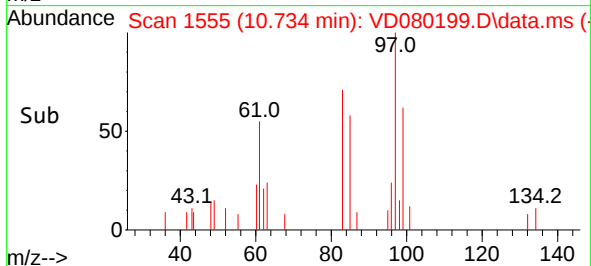
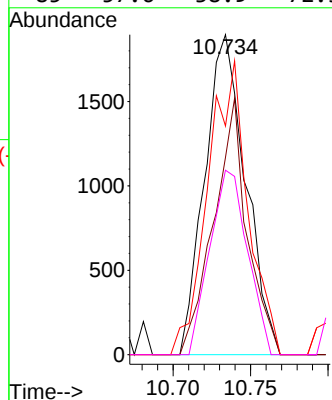


#45
1,1,2-Trichloroethane
Concen: 1.232 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :

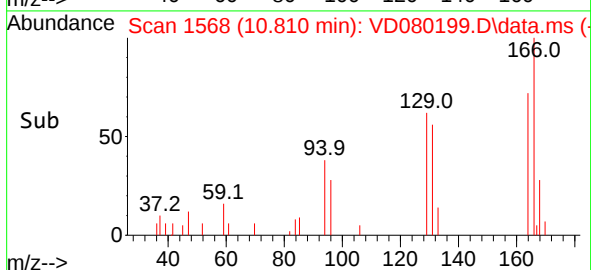
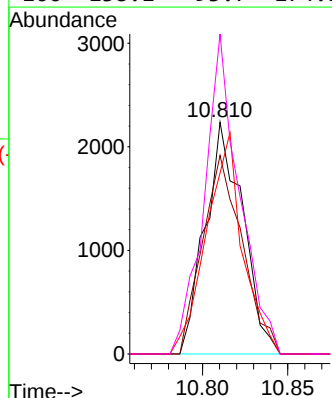
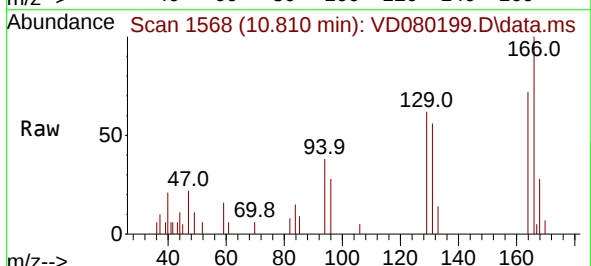


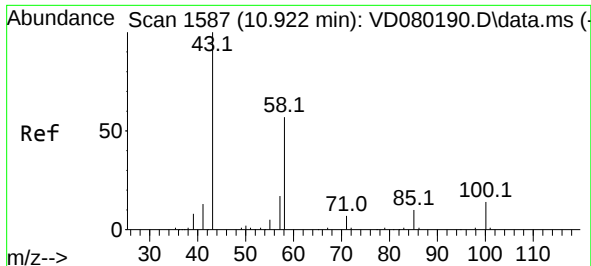
Tgt Ion: 97	Resp: 3482
Ion Ratio	Lower Upper
97 100	
99 61.7	44.0 81.8
83 71.5	64.4 119.6
85 57.6	38.9 72.3



#46
Tetrachloroethene
Concen: 1.157 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion:164	Resp: 3429
Ion Ratio	Lower Upper
164 100	
129 85.7	67.8 125.8
131 78.0	67.6 125.6
166 138.1	93.7 174.1

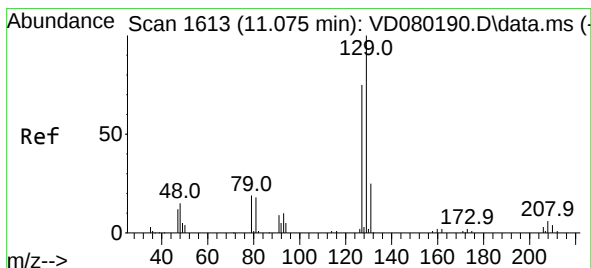
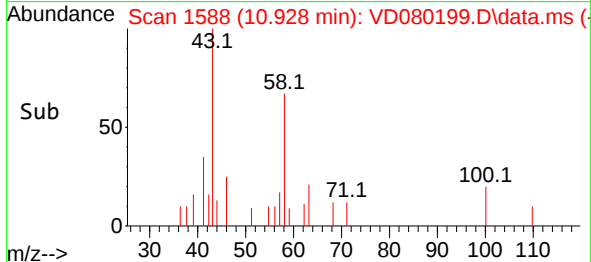
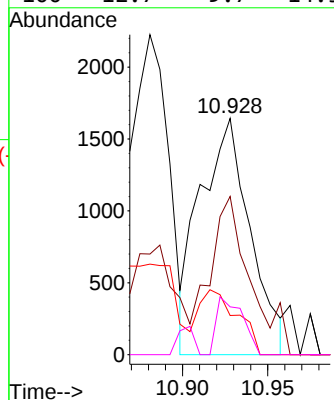
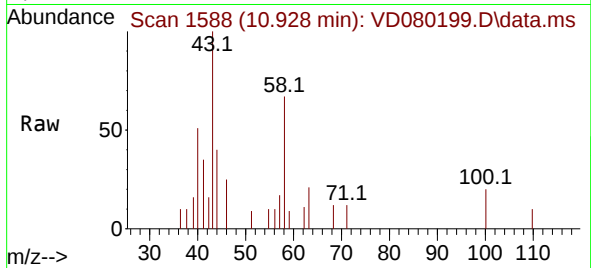




#48
2-Hexanone
Concen: 2.595 ug/L
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

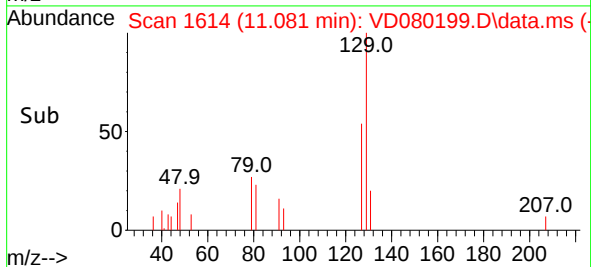
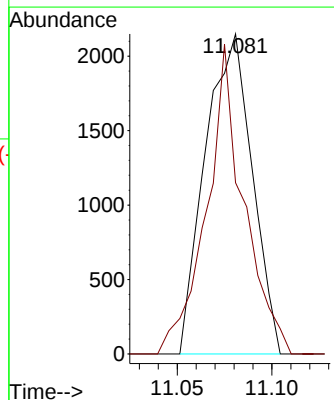
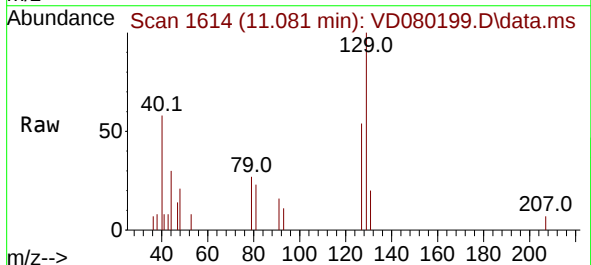
Instrument :
MSVOA_D
ClientSampleId :

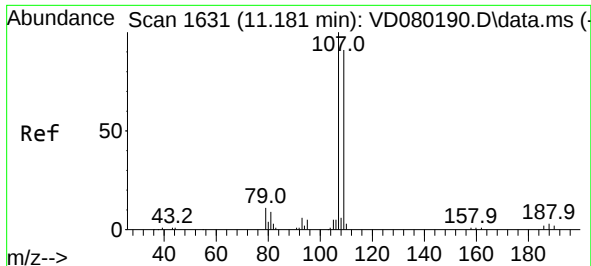
Tgt Ion: 43	Resp:	3362
Ion	Ratio	Lower Upper
43	100	
58	50.0	42.5 63.7
57	9.0	15.5 23.3#
100	12.7	9.7 14.5



#49
Dibromochloromethane
Concen: 1.176 ug/L
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

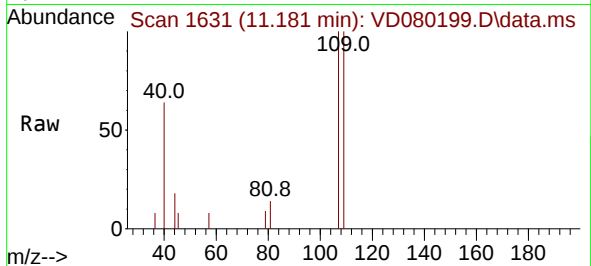
Tgt Ion: 129	Resp:	3702
Ion	Ratio	Lower Upper
129	100	
127	53.5	52.3 97.1



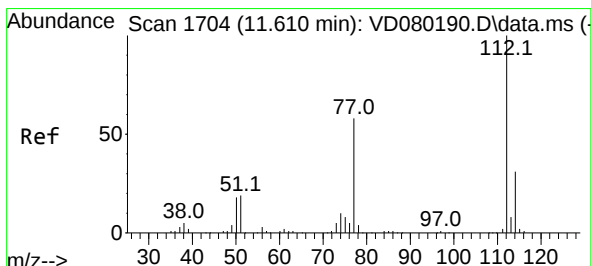
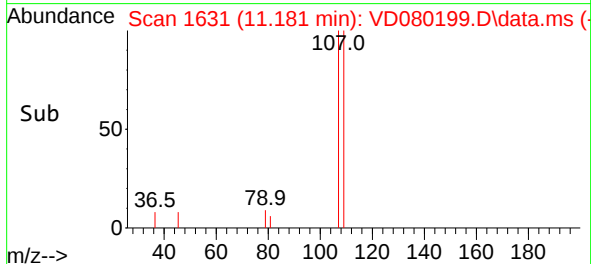
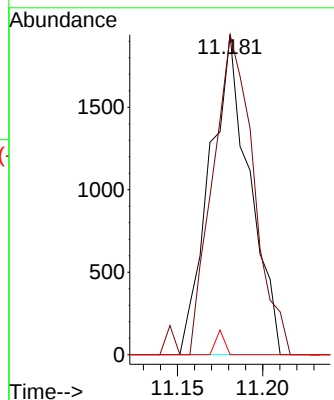


#50
1,2-Dibromoethane
Concen: 1.227 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Instrument :
MSVOA_D
ClientSampleId :

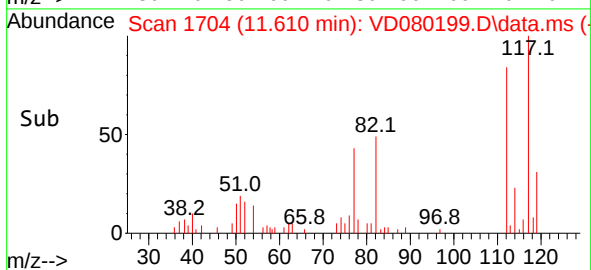
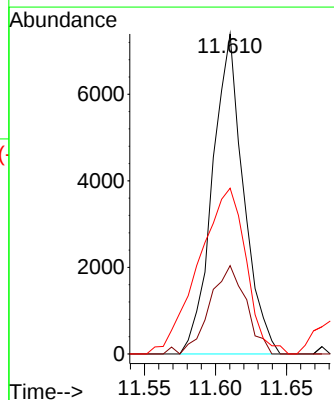
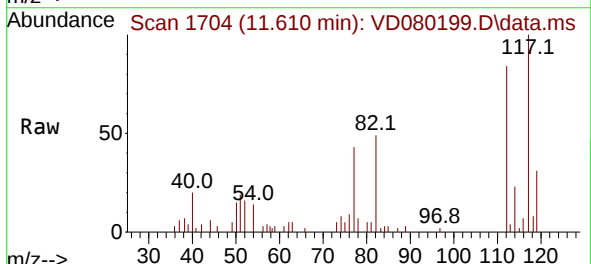


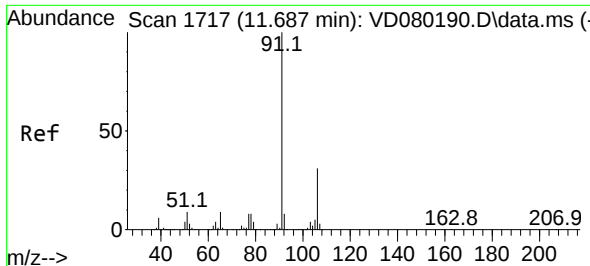
Tgt Ion:107 Resp: 3152
Ion Ratio Lower Upper
107 100
109 100.0 63.8 118.6
188 0.0 2.8 4.2#



#51
Chlorobenzene
Concen: 1.182 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion:112 Resp: 11246
Ion Ratio Lower Upper
112 100
114 27.6 21.8 40.6
77 51.8 46.8 70.2

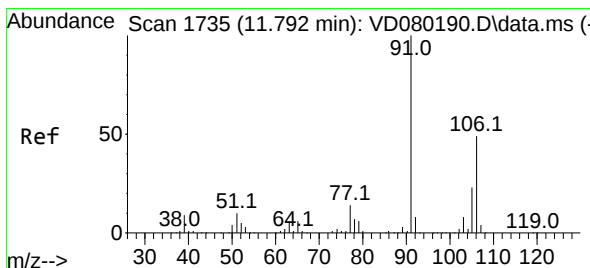
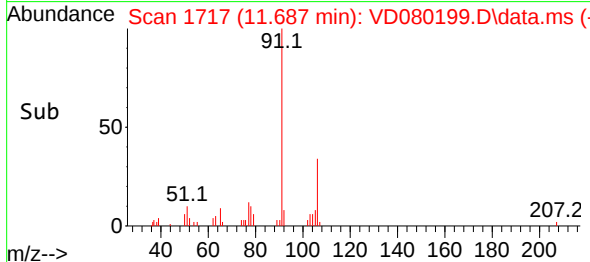
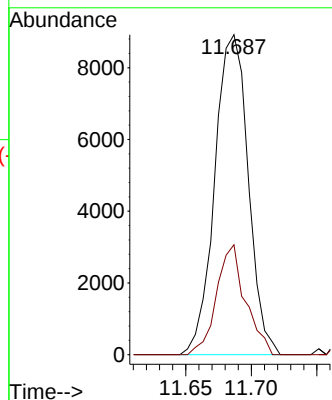
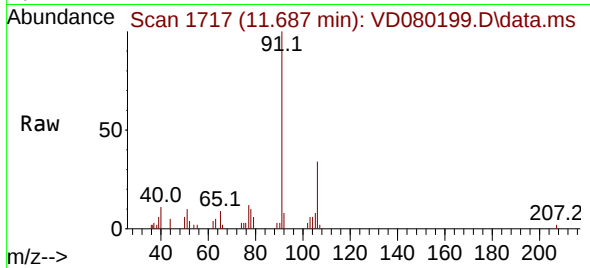




#52
Ethylbenzene
Concen: 0.996 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

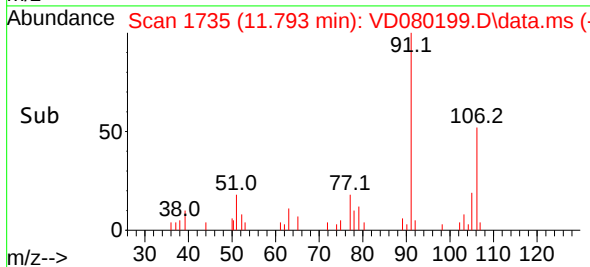
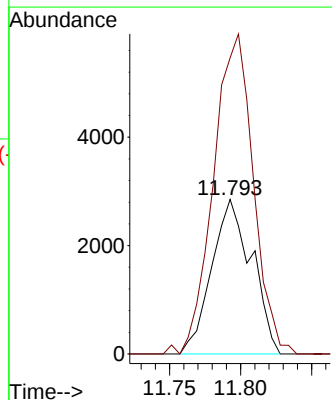
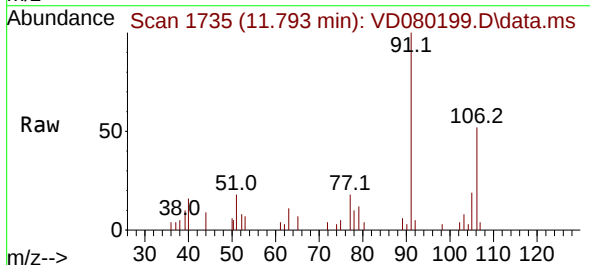
Instrument :
MSVOA_D
ClientSampleId :

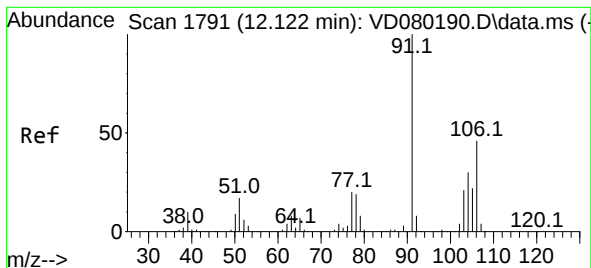
Tgt Ion: 91 Resp: 15857
Ion Ratio Lower Upper
91 100
106 34.4 21.8 40.6



#53
m,p-Xylene
Concen: 0.941 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

Tgt Ion: 106 Resp: 5600
Ion Ratio Lower Upper
106 100
91 191.7 144.1 267.7





#54

o-Xylene

Concen: 0.825 ug/L

RT: 12.128 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

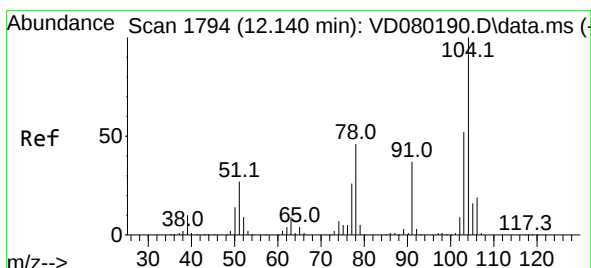
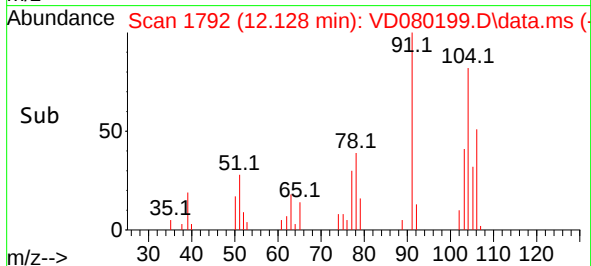
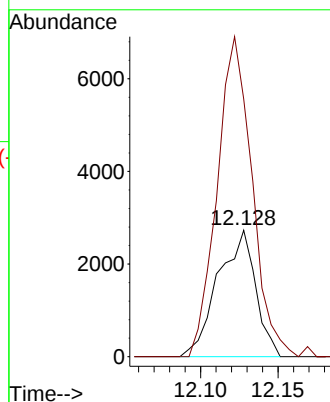
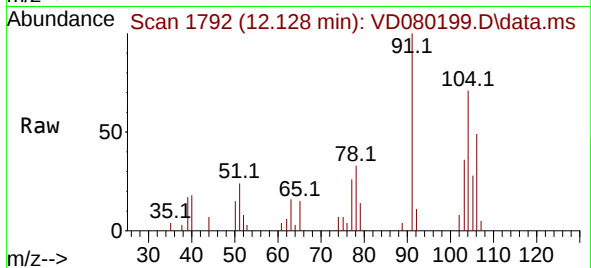
ClientSampleId :

Tgt Ion:106 Resp: 4592

Ion Ratio Lower Upper

106 100

91 203.7 153.8 285.6



#55

Styrene

Concen: 0.892 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD080199.D

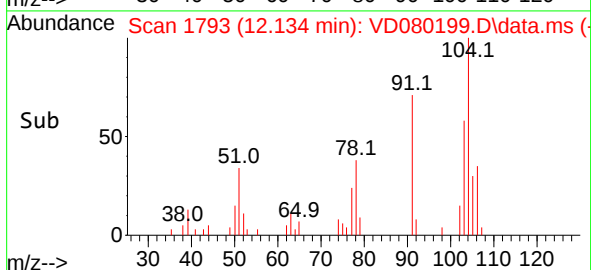
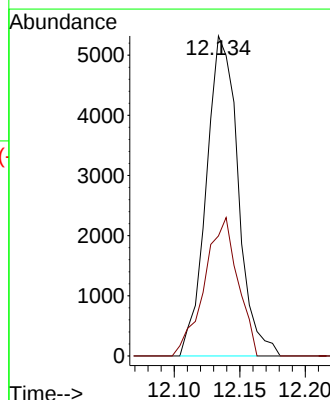
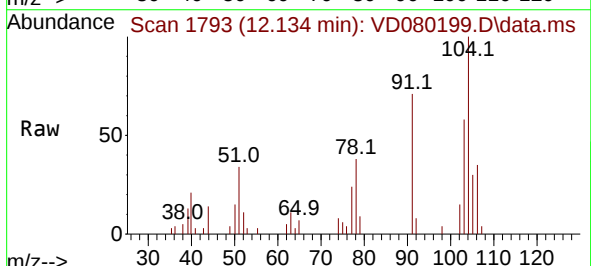
Acq: 09 Jan 2025 17:53

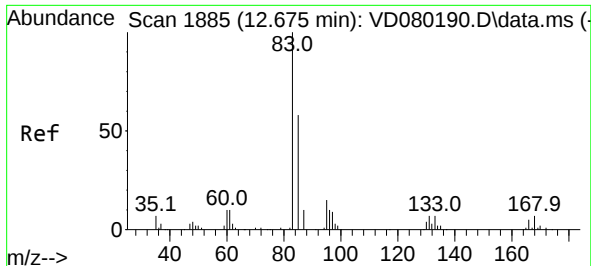
Tgt Ion:104 Resp: 8992

Ion Ratio Lower Upper

104 100

78 37.5 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 1.383 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD080199.D

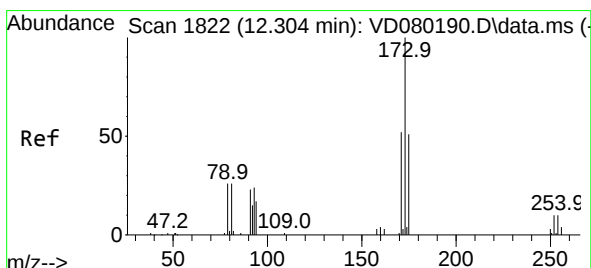
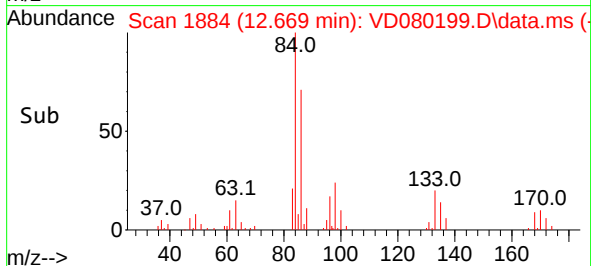
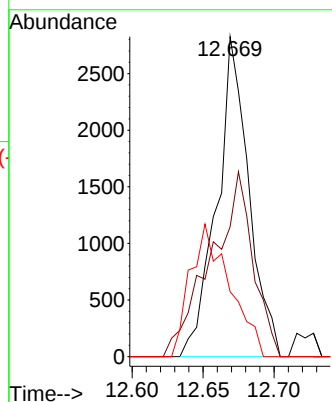
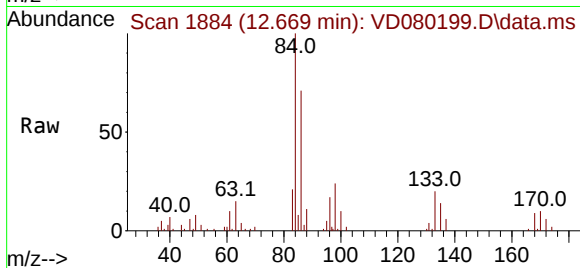
Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 4430
Ion Ratio	Lower Upper
83	100
85	40.6 40.7 75.5#
131	20.3 6.2 9.2#



#59

Bromoform

Concen: 1.345 ug/L

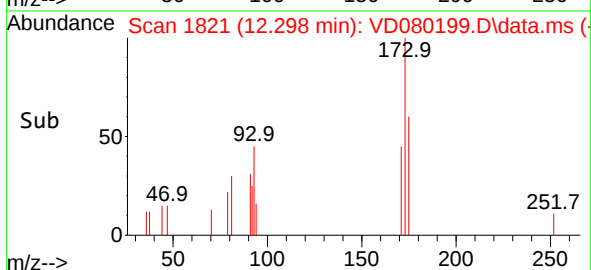
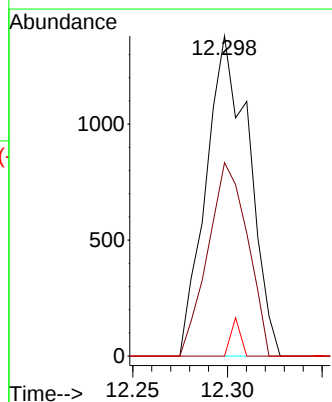
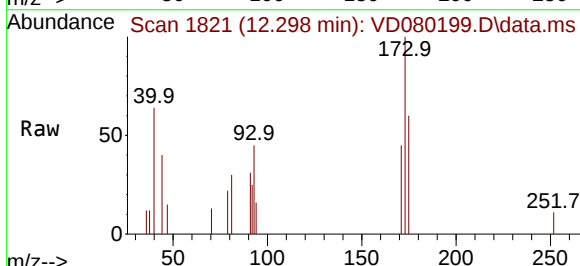
RT: 12.298 min Scan# 1821

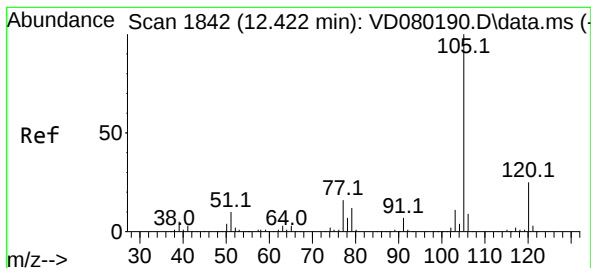
Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Tgt Ion: 173	Resp: 2177
Ion Ratio	Lower Upper
173	100
175	55.8 38.2 57.4
254	0.0 8.3 12.5#





#60

Isopropylbenzene

Concen: 1.054 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080199.D

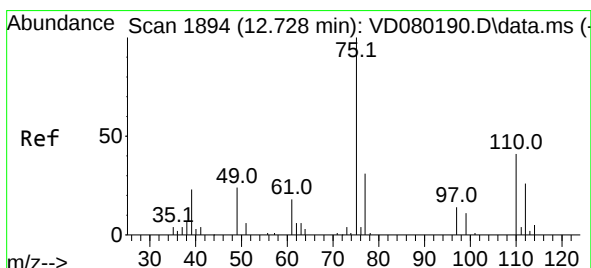
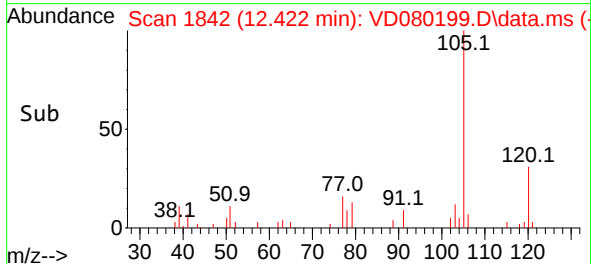
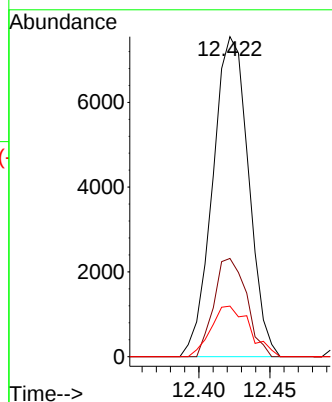
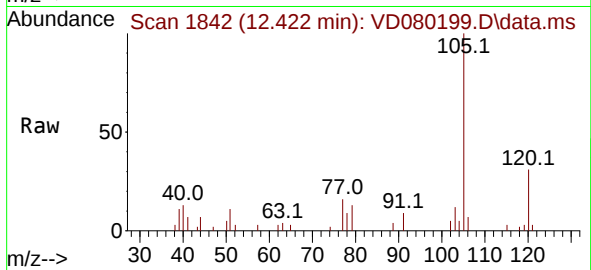
Acq: 09 Jan 2025 17:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	13256
Ion Ratio	Lower	Upper	
105	100		
120	27.9	20.6	30.8
77	17.1	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 1.339 ug/L

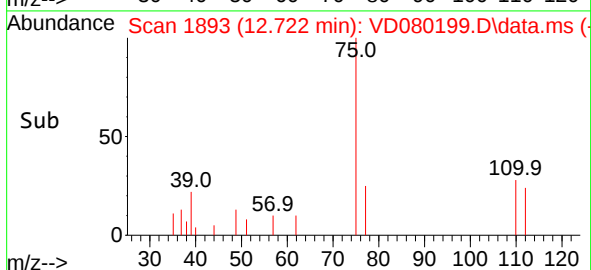
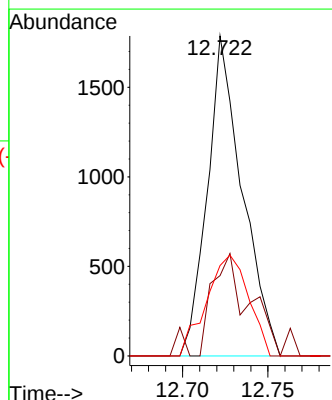
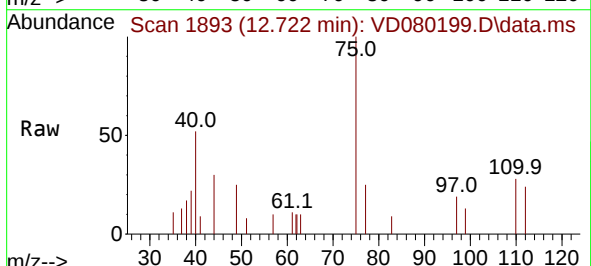
RT: 12.722 min Scan# 1893

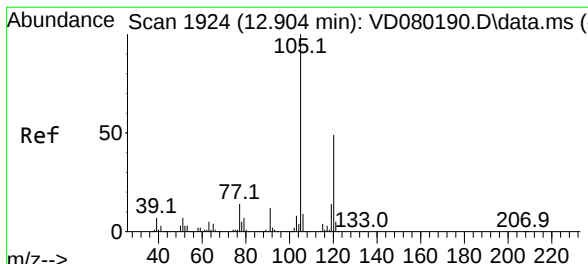
Delta R.T. -0.006 min

Lab File: VD080199.D

Acq: 09 Jan 2025 17:53

Tgt Ion:	75	Resp:	2554
Ion Ratio	Lower	Upper	
75	100		
77	22.8	25.7	38.5#
110	37.8	31.5	47.3

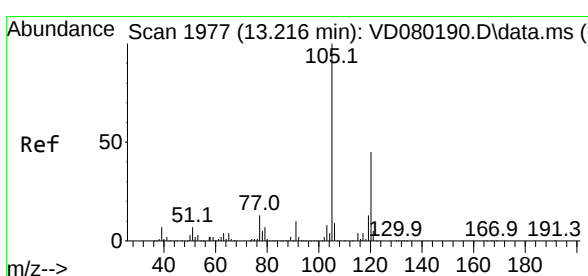
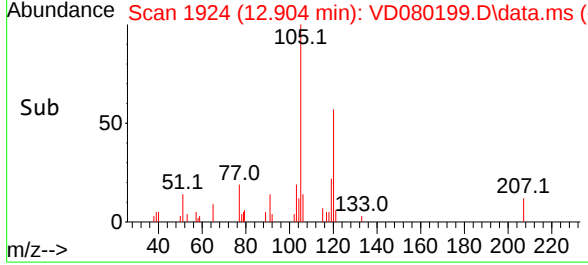
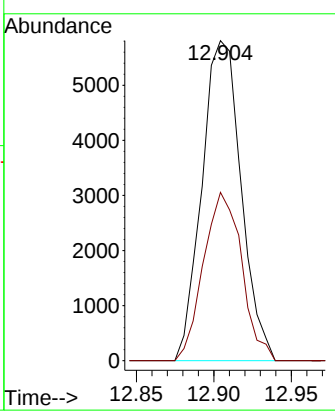
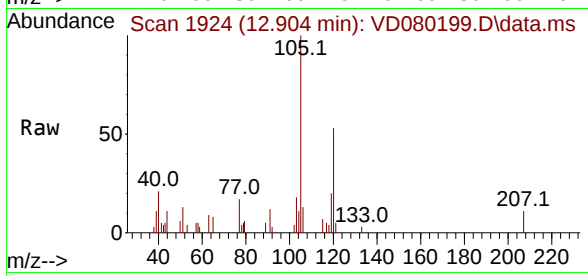




#62
 1,3,5-Trimethylbenzene
 Concen: 1.020 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

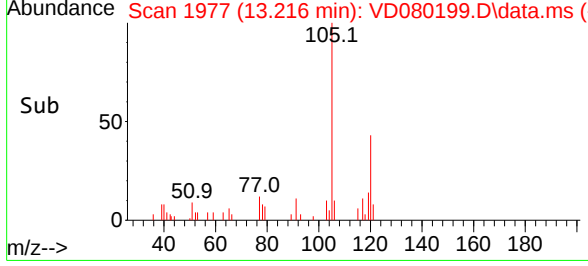
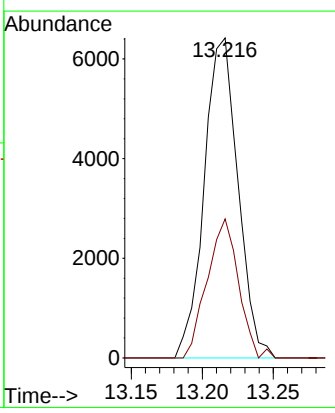
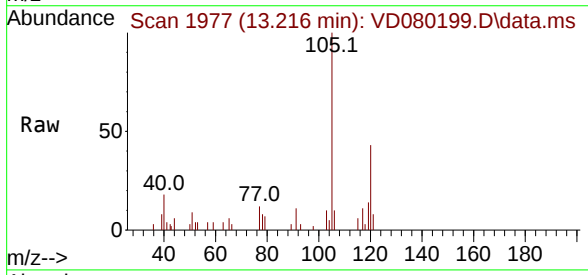
Instrument :
 MSVOA_D
 ClientSampleId :

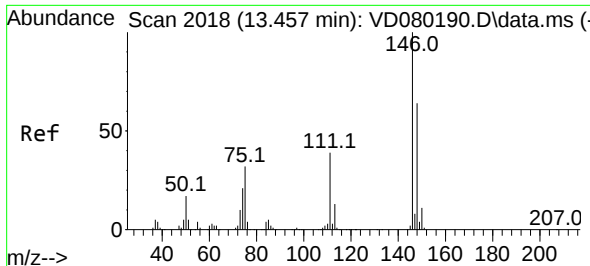
Tgt Ion:	105	Resp:	10223
Ion Ratio	Lower	Upper	
105	100		
120	51.2	38.9	58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 1.085 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

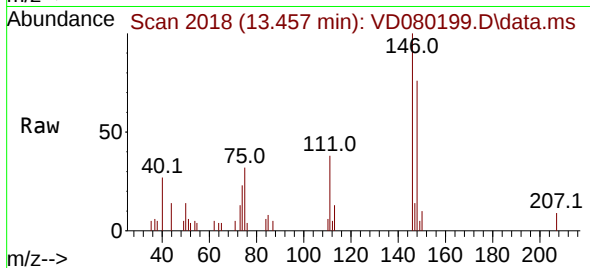
Tgt Ion:	105	Resp:	10607
Ion Ratio	Lower	Upper	
105	100		
120	39.8	36.1	54.1



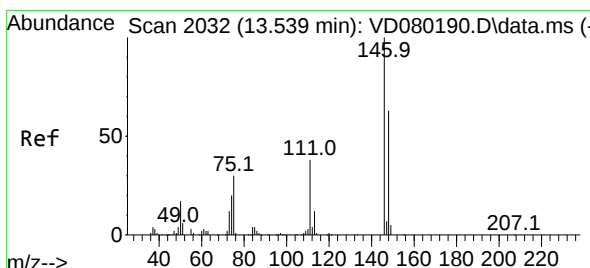
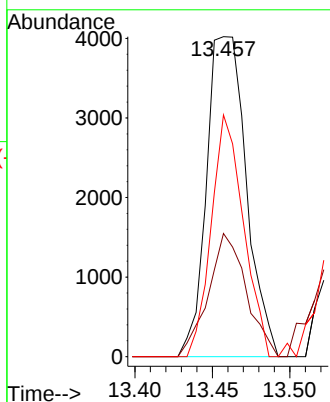
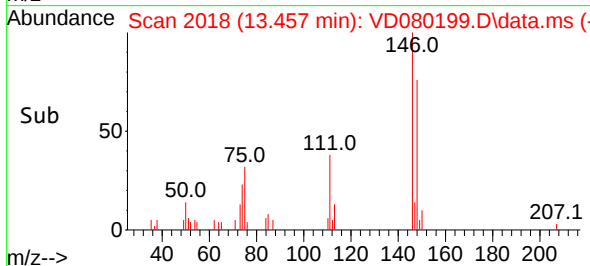


#64
1,3-Dichlorobenzene
Concen: 1.169 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

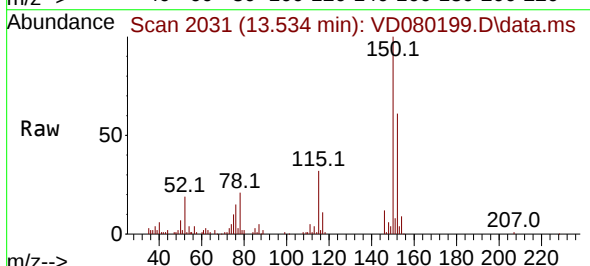
Instrument :
MSVOA_D
ClientSampleId :



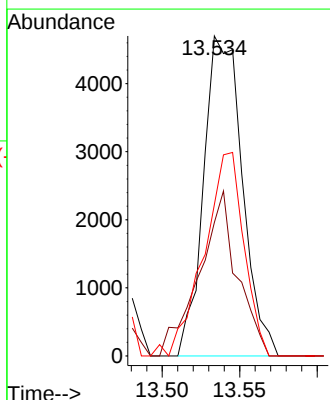
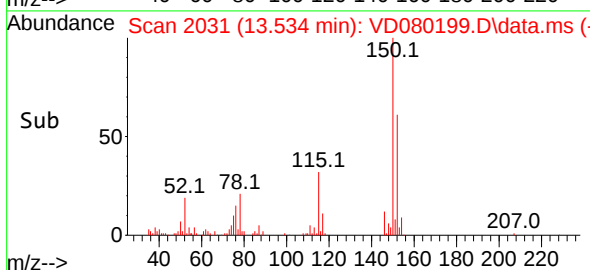
Tgt Ion:146 Resp: 7194
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.6
148 75.6 44.8 83.2

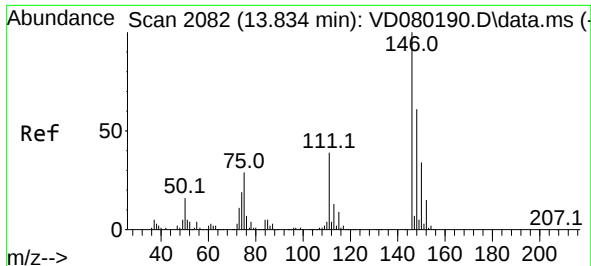


#65
1,4-Dichlorobenzene
Concen: 1.281 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53



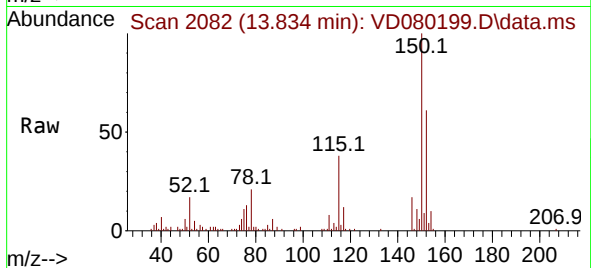
Tgt Ion:146 Resp: 8143
Ion Ratio Lower Upper
146 100
111 41.7 26.7 49.7
148 47.3 44.1 81.9



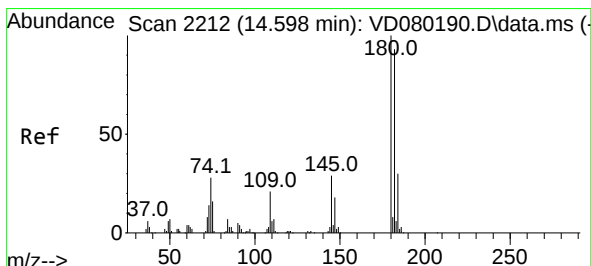
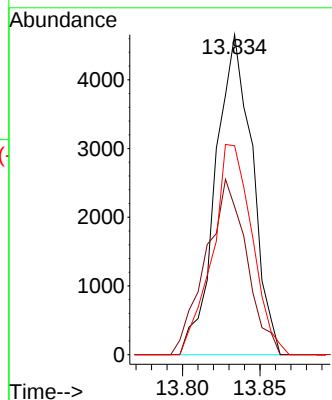
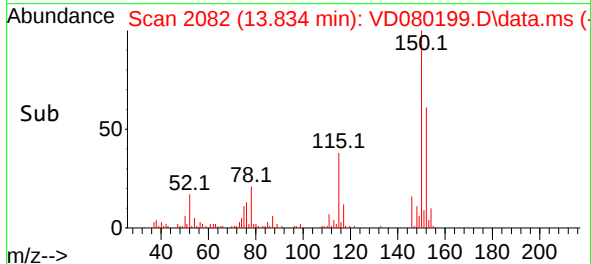


#67
1,2-Dichlorobenzene
Concen: 1.389 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

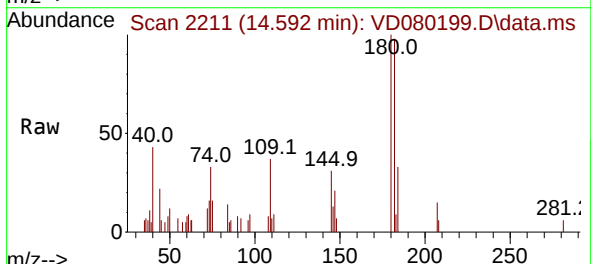
Instrument :
MSVOA_D
ClientSampleId :



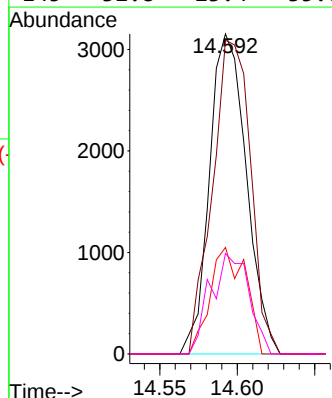
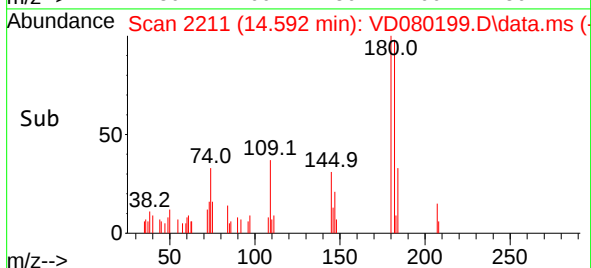
Tgt Ion:146 Resp: 7657
Ion Ratio Lower Upper
146 100
111 46.3 31.4 47.0
148 65.3 48.8 73.2

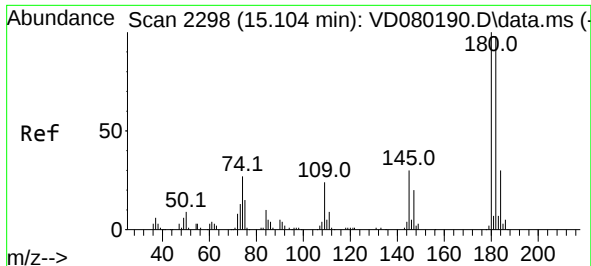


#69
1,3,5-Trichlorobenzene
Concen: 1.246 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53



Tgt Ion:180 Resp: 5214
Ion Ratio Lower Upper
180 100
182 101.2 75.4 113.0
184 32.0 24.0 36.0
145 32.8 23.4 35.0

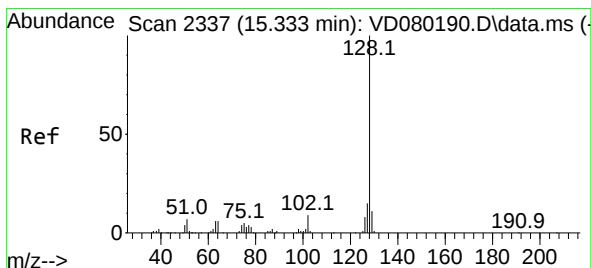
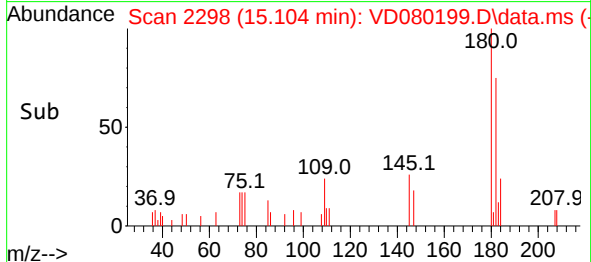
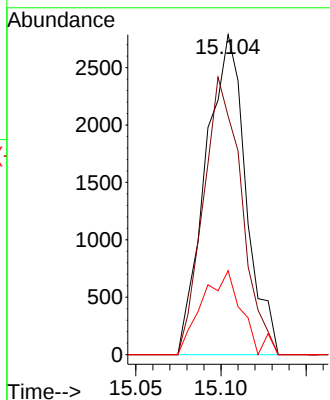
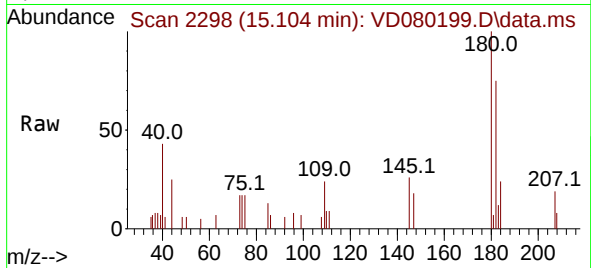




#70
1,2,4-trichlorobenzene
Concen: 1.339 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

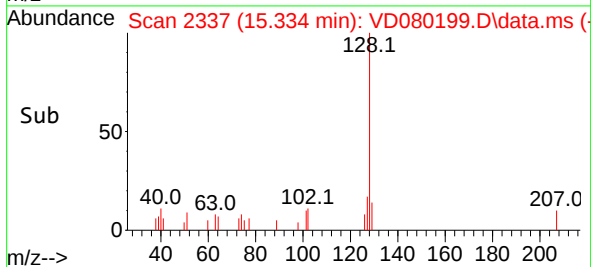
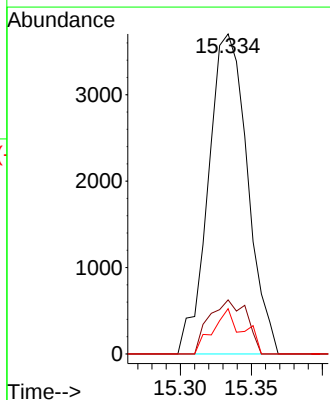
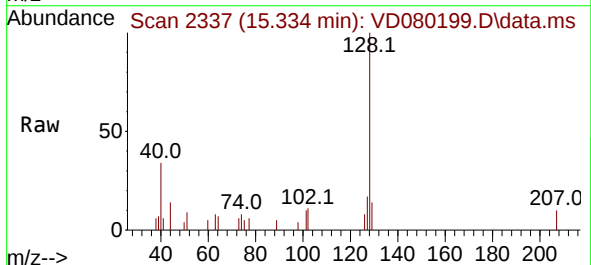
Instrument :
MSVOA_D
ClientSampleId :

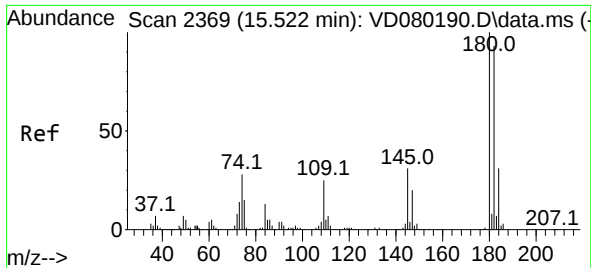
Tgt Ion:180 Resp: 4571
Ion Ratio Lower Upper
180 100
182 82.1 76.9 115.3
145 24.9 23.5 35.3



#71
Naphthalene
Concen: 1.181 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080199.D
Acq: 09 Jan 2025 17:53

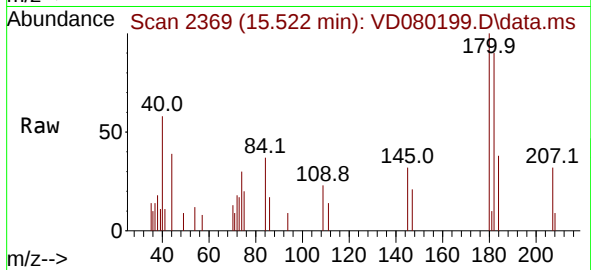
Tgt Ion:128 Resp: 7099
Ion Ratio Lower Upper
128 100
127 16.2 11.5 17.3
129 8.0 9.0 13.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.036 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080199.D
 Acq: 09 Jan 2025 17:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 3286
 Ion Ratio Lower Upper
 180 100
 182 108.1 74.8 112.2
 145 32.6 24.2 36.4

