

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079775.D
 Acq On : 04 Sep 2024 15:56
 Operator : RP/MD
 Sample : P3812-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 04 15:53:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

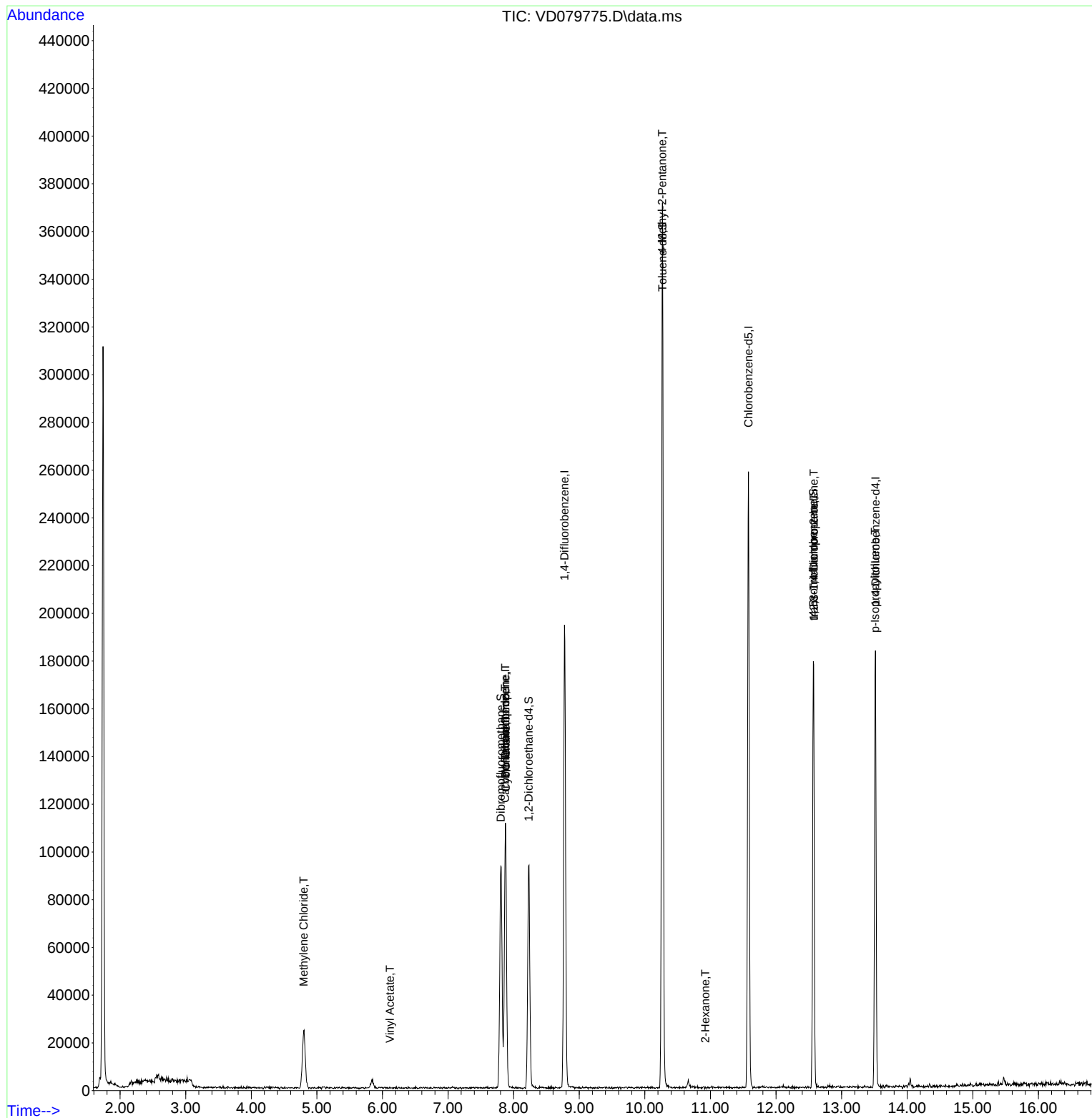
Internal Standards						
1) Pentafluorobenzene	7.875	168	75121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	166195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	141491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	45919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72846	71.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.240%	
35) Dibromofluoromethane	7.804	113	68111	63.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.100%	
50) Toluene-d8	10.269	98	254222	54.872	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.740%	
62) 4-Bromofluorobenzene	12.569	95	55955	43.164	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.320%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	18776	12.753	ug/l	# 89
23) Vinyl Acetate	6.116	43	57	2.543	ug/l	# 63
31) Cyclohexane	7.881	56	2394	1.398	ug/l	# 57
36) 1,1-Dichloropropene	7.875	75	7798	4.870	ug/l	# 47
38) Carbon Tetrachloride	7.869	117	8410	4.925	ug/l	# 13
51) 4-Methyl-2-Pentanone	10.263	43	1123	1.629	ug/l	# 1
59) 2-Hexanone	10.922	43	80	20.371	ug/l	# 19
76) 1,2,3-Trichloropropane	12.575	75	31176	79.436	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	31176	132.491	ug/l	# 19
86) p-Isopropyltoluene	13.510	119	64	3.762	ug/l	# 1

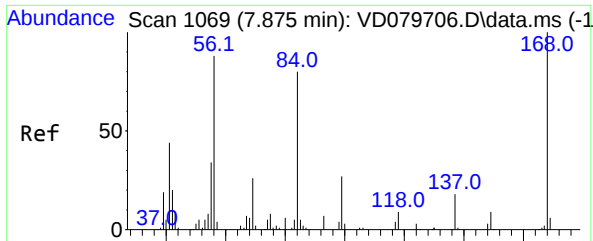
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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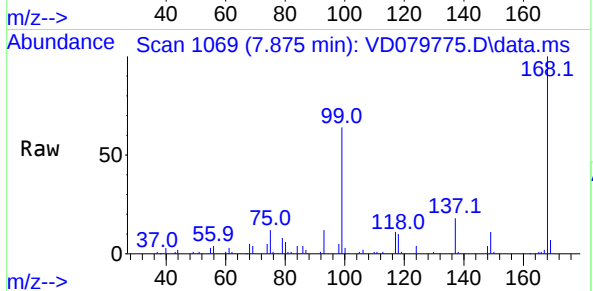
Quant Time: Sep 04 15:53:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration



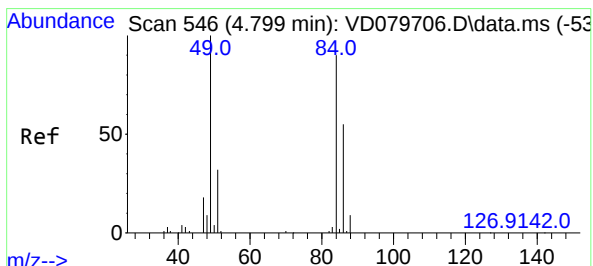
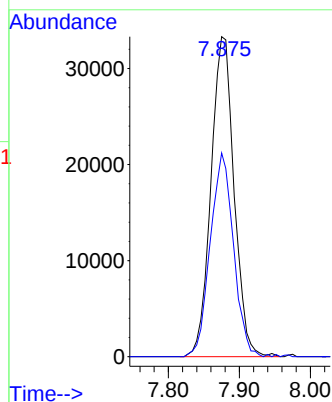
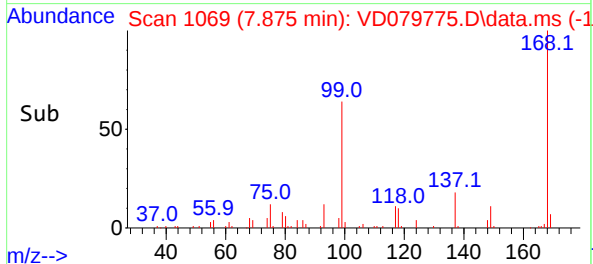


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :

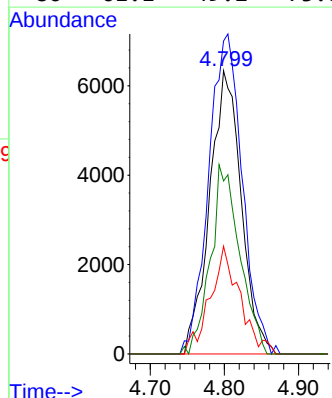
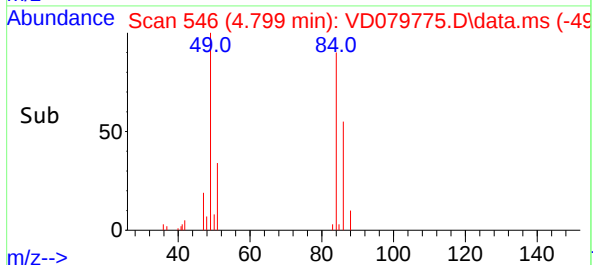
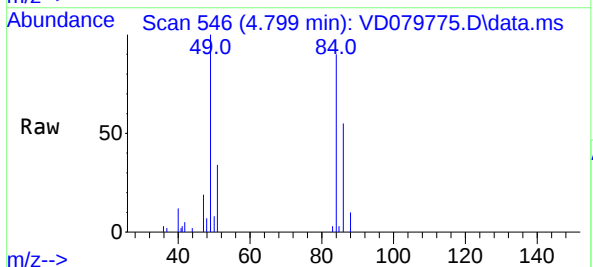


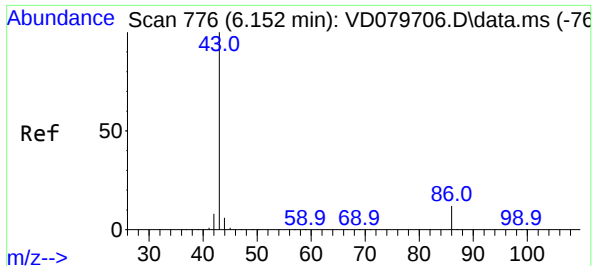
Tgt Ion:168 Resp: 75121
Ion Ratio Lower Upper
168 100
99 63.6 41.1 61.7#



#20
Methylene Chloride
Concen: 12.753 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Tgt Ion: 84 Resp: 18776
Ion Ratio Lower Upper
84 100
49 110.5 75.6 113.4
51 38.0 24.2 36.2#
86 61.1 49.2 73.8

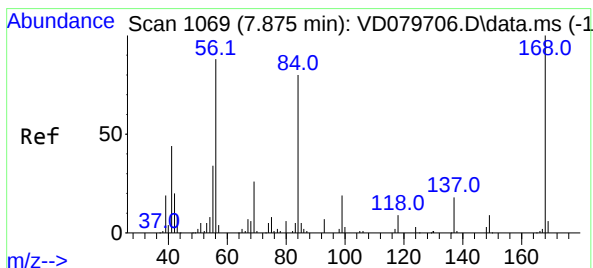
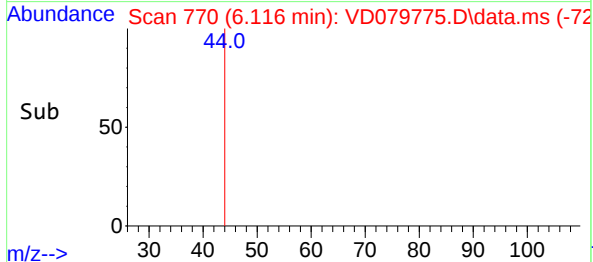
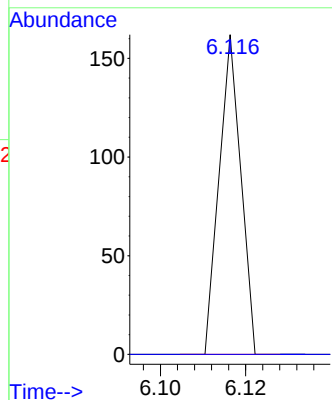
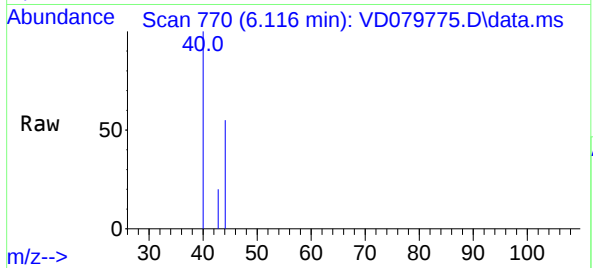




#23
 Vinyl Acetate
 Concen: 2.543 ug/l
 RT: 6.116 min Scan# 71
 Delta R.T. -0.036 min
 Lab File: VD079775.D
 Acq: 04 Sep 2024 15:56

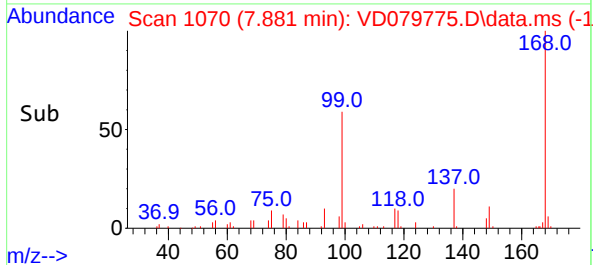
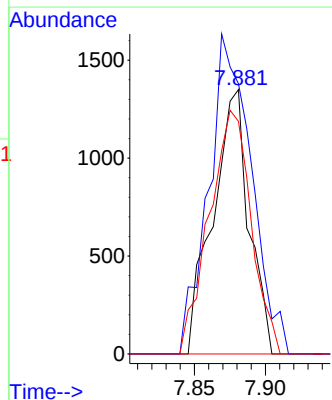
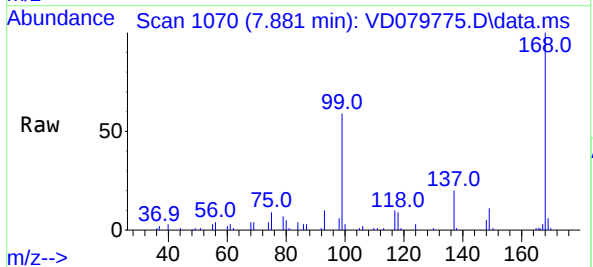
Instrument :
 MSVOA_D
 ClientSampleId :

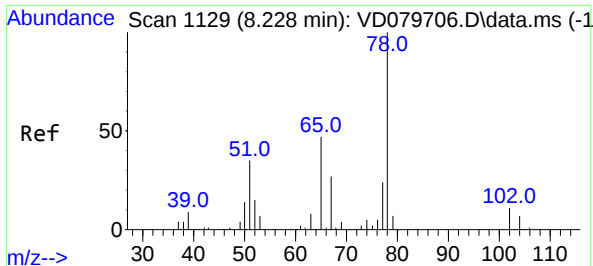
Tgt Ion: 43 Resp: 57
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.398 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. 0.006 min
 Lab File: VD079775.D
 Acq: 04 Sep 2024 15:56

Tgt Ion: 56 Resp: 2394
 Ion Ratio Lower Upper
 56 100
 69 102.3 28.0 42.0#
 84 88.0 87.4 131.0

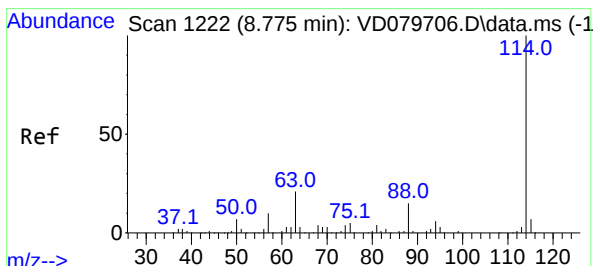
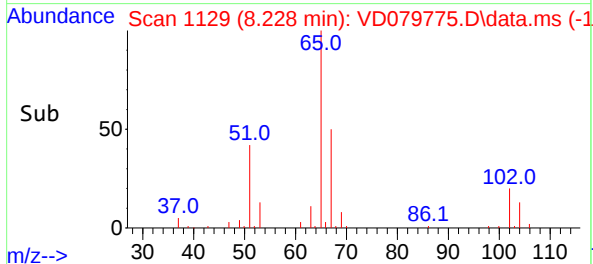
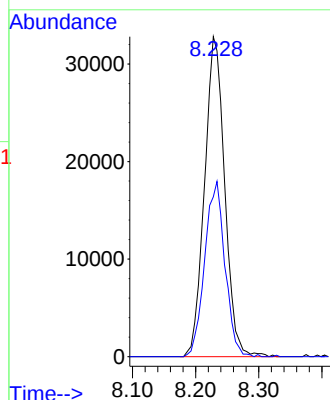
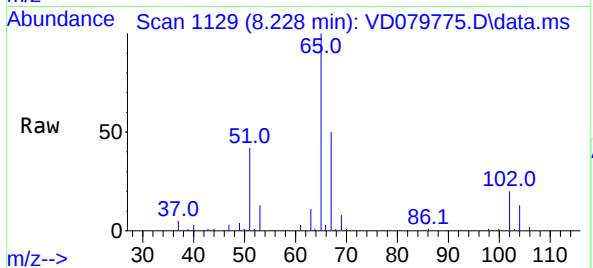




#33
1,2-Dichloroethane-d4
Concen: 71.120 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

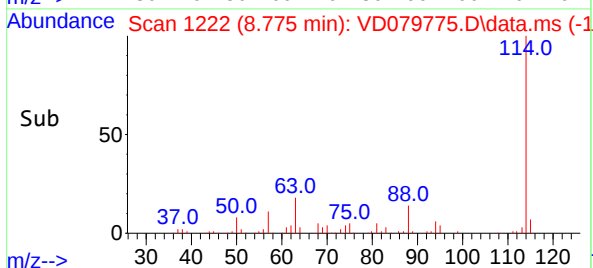
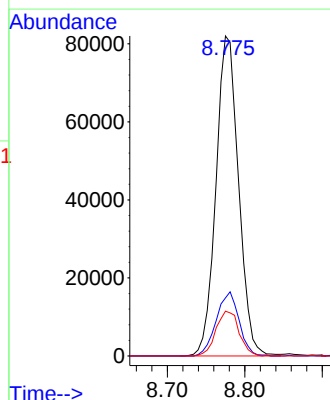
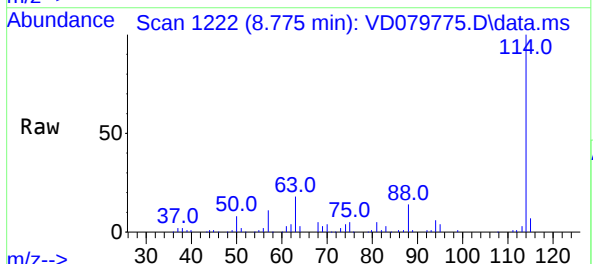
Instrument :
MSVOA_D
ClientSampleId :

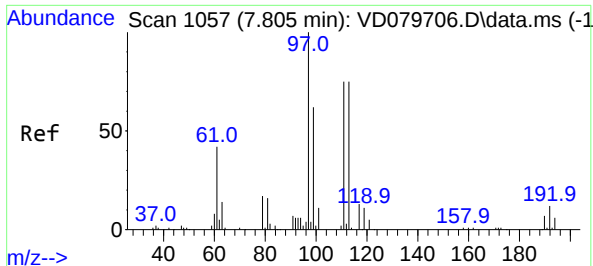
Tgt Ion: 65 Resp: 72846
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

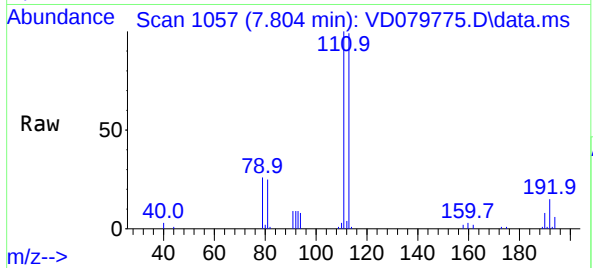
Tgt Ion:114 Resp: 166195
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.0
88 14.0 0.0 27.2



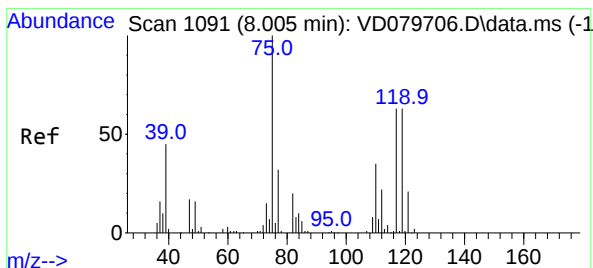
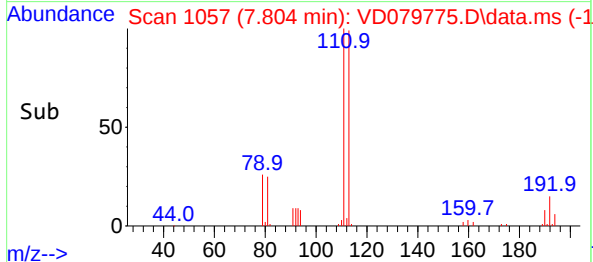
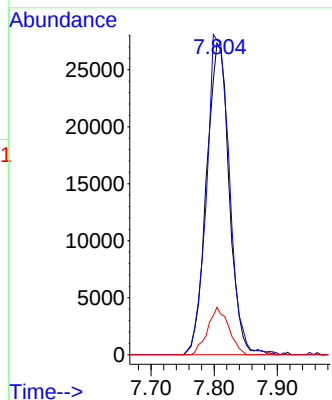


#35
Dibromofluoromethane
Concen: 63.051 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :

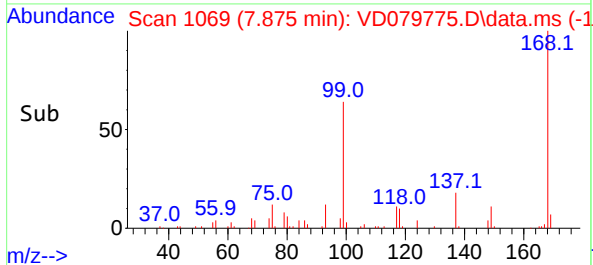
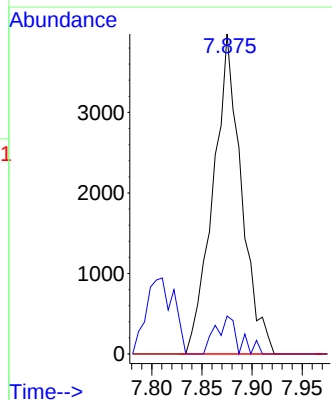
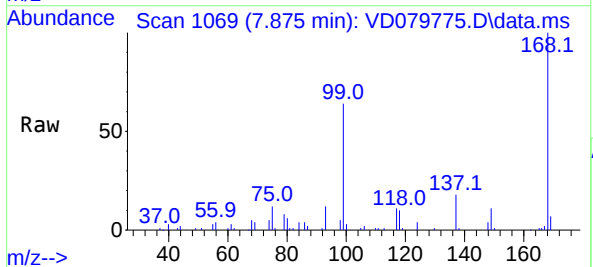


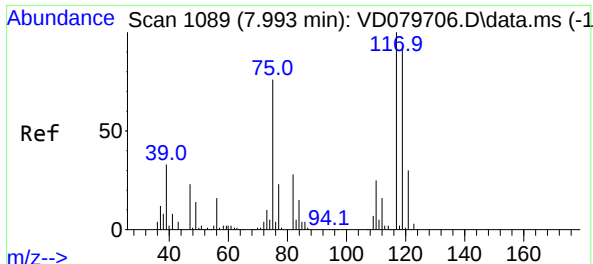
Tgt Ion:113 Resp: 68111
Ion Ratio Lower Upper
113 100
111 103.9 84.0 126.0
192 14.2 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

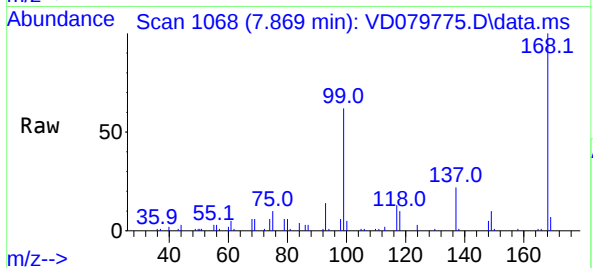
Tgt Ion: 75 Resp: 7798
Ion Ratio Lower Upper
75 100
110 9.6 19.6 58.7#
77 0.0 26.1 39.1#



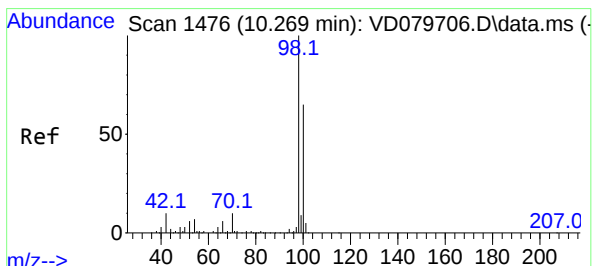
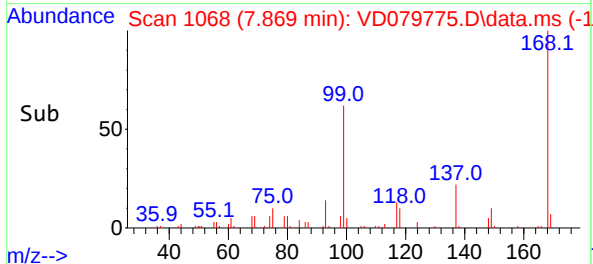
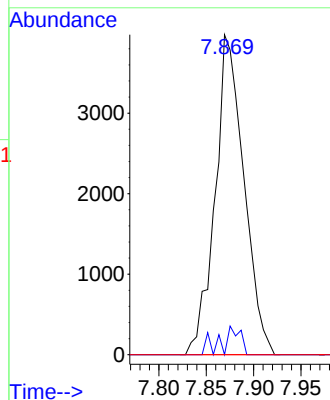


#38
Carbon Tetrachloride
Concen: 4.925 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :

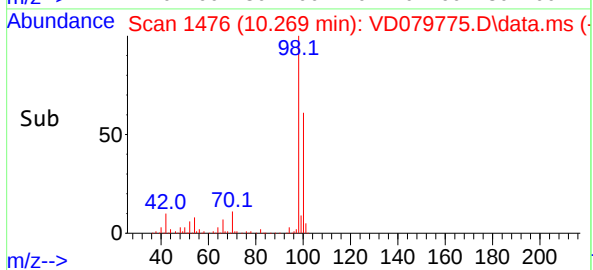
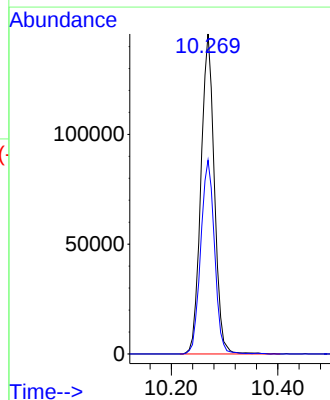
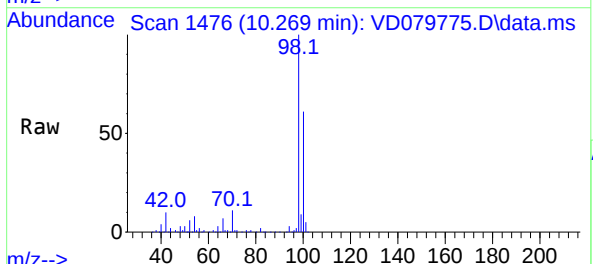


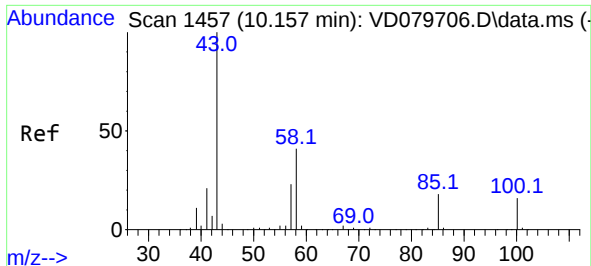
Tgt Ion:117 Resp: 8410
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 54.872 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Tgt Ion: 98 Resp: 254222
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

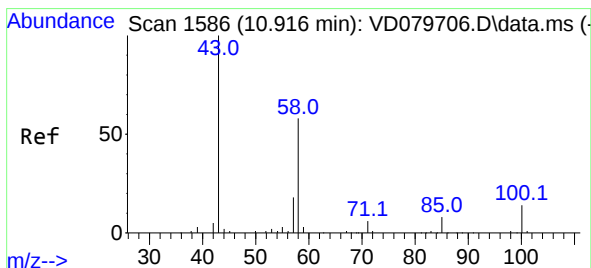
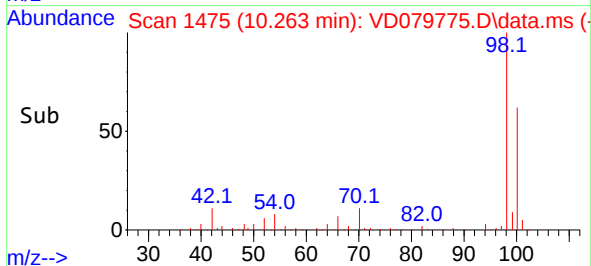
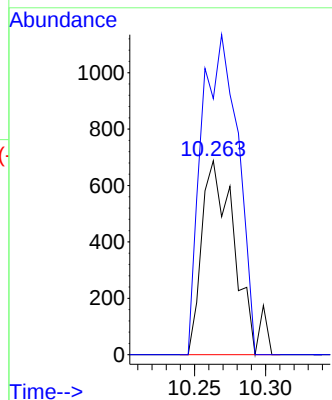
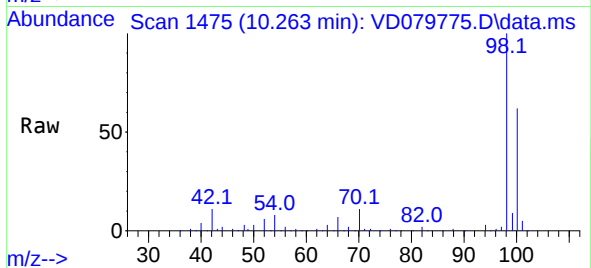




#51
4-Methyl-2-Pentanone
Concen: 1.629 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

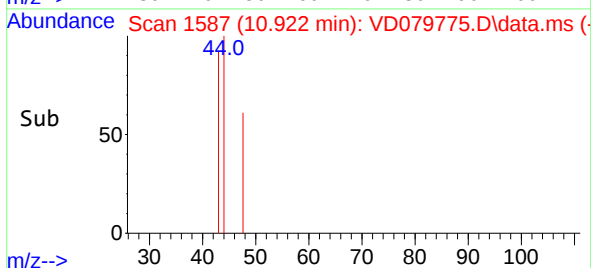
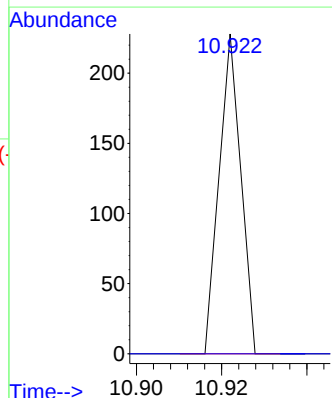
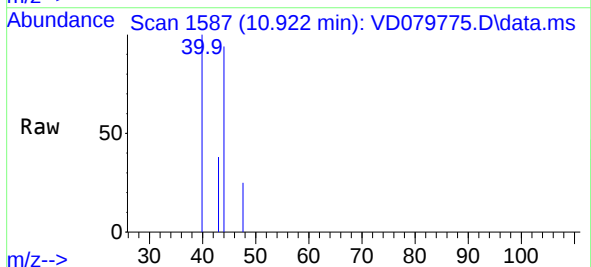
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MSVOA_D
ClientSampleId :

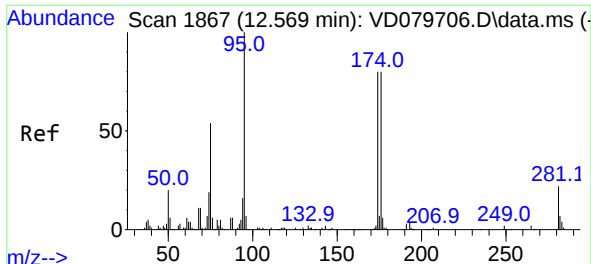
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 180.0 36.6 55.0#



#59
2-Hexanone
Concen: 20.371 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

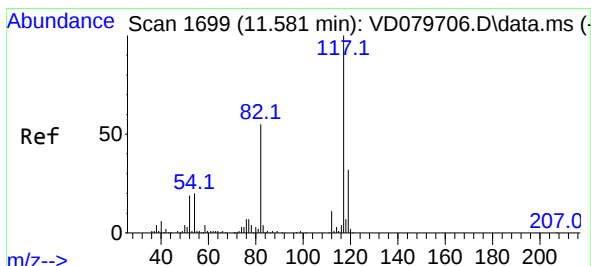
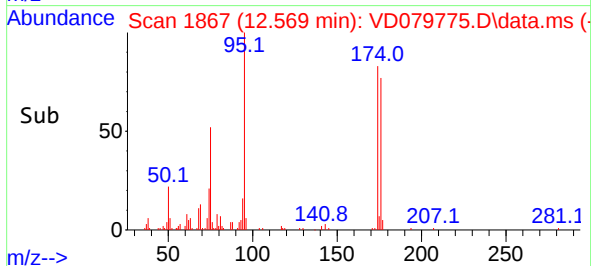
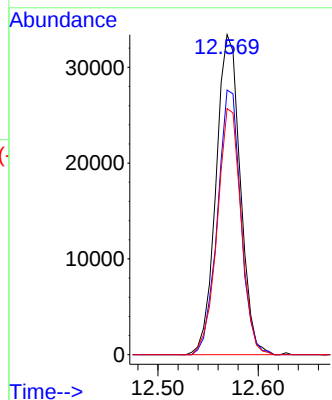
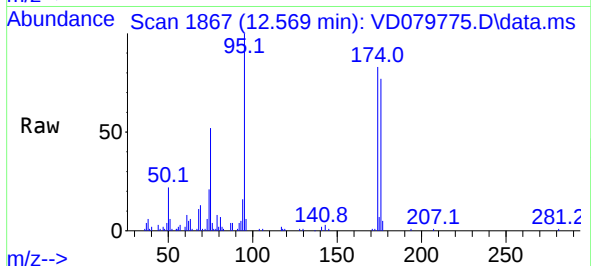




#62
4-Bromofluorobenzene
Concen: 43.164 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

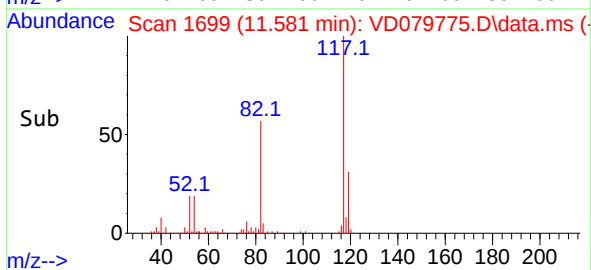
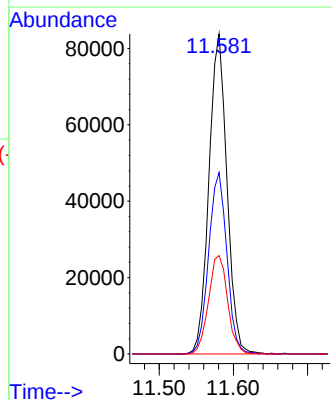
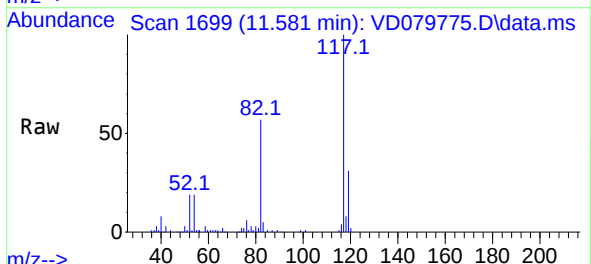
Instrument :
MSVOA_D
ClientSampleId :

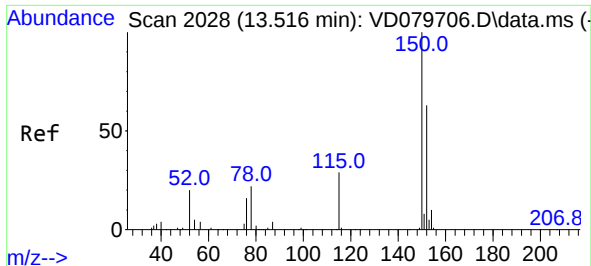
Tgt Ion:	95	Resp:	55955
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	195.4
176	75.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

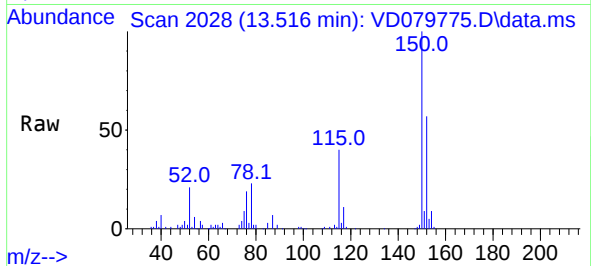
Tgt Ion:	117	Resp:	141491
Ion	Ratio	Lower	Upper
117	100		
82	56.7	39.8	59.6
119	30.8	25.7	38.5



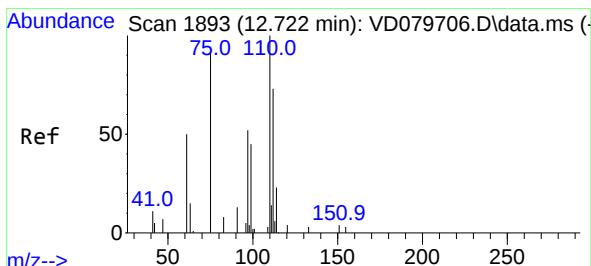
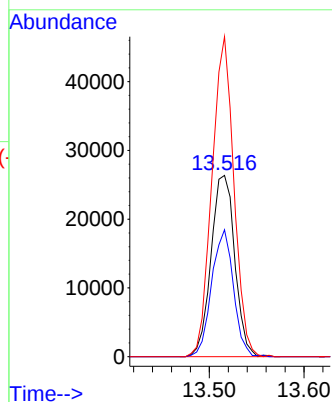
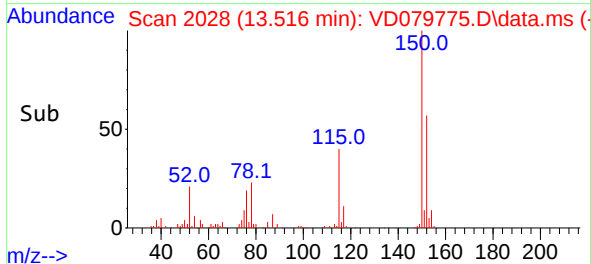


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :

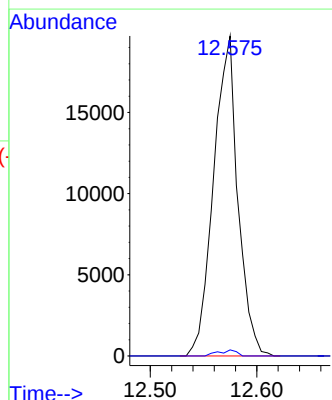
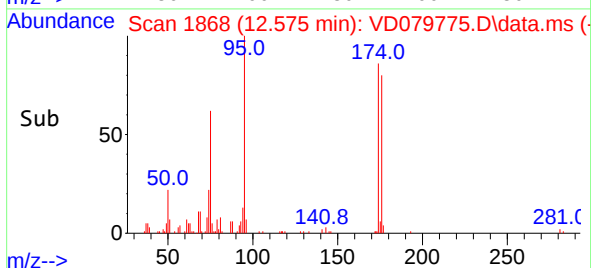
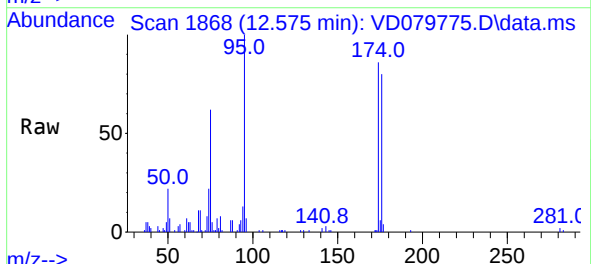


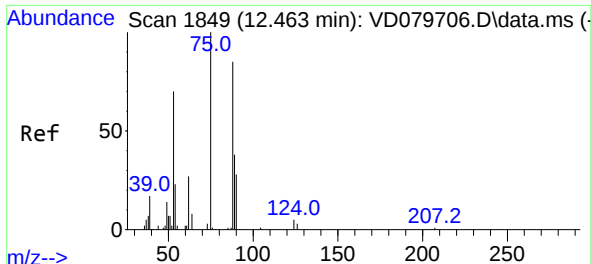
Tgt Ion:152 Resp: 45919
Ion Ratio Lower Upper
152 100
115 64.3 26.5 79.5
150 163.1 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 79.436 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Tgt Ion: 75 Resp: 31176
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

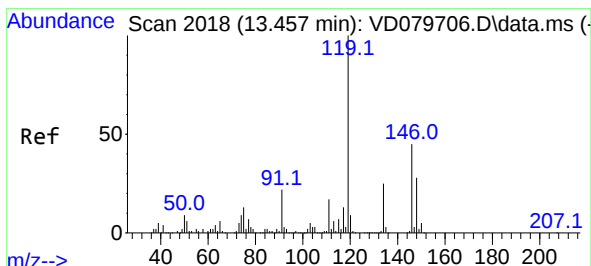
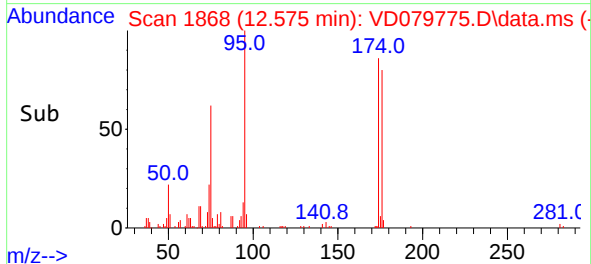
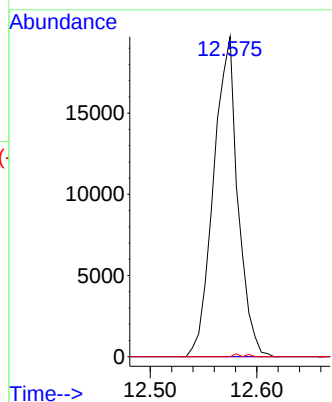
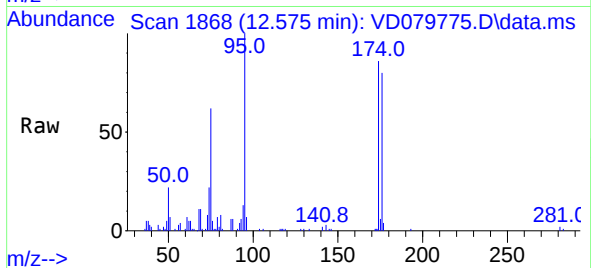




#81
trans-1,4-Dichloro-2-butene
Concen: 132.491 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 31176
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.4 35.4 53.0#



#86
p-Isopropyltoluene
Concen: 3.762 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.053 min
Lab File: VD079775.D
Acq: 04 Sep 2024 15:56

Tgt Ion: 119 Resp: 64
Ion Ratio Lower Upper
119 100
134 101.6 13.7 41.1#
91 220.3 10.7 32.1#

