

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079782.D
 Acq On : 05 Sep 2024 13:43
 Operator : RP/MD
 Sample : VD0905SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 01:36:23 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)

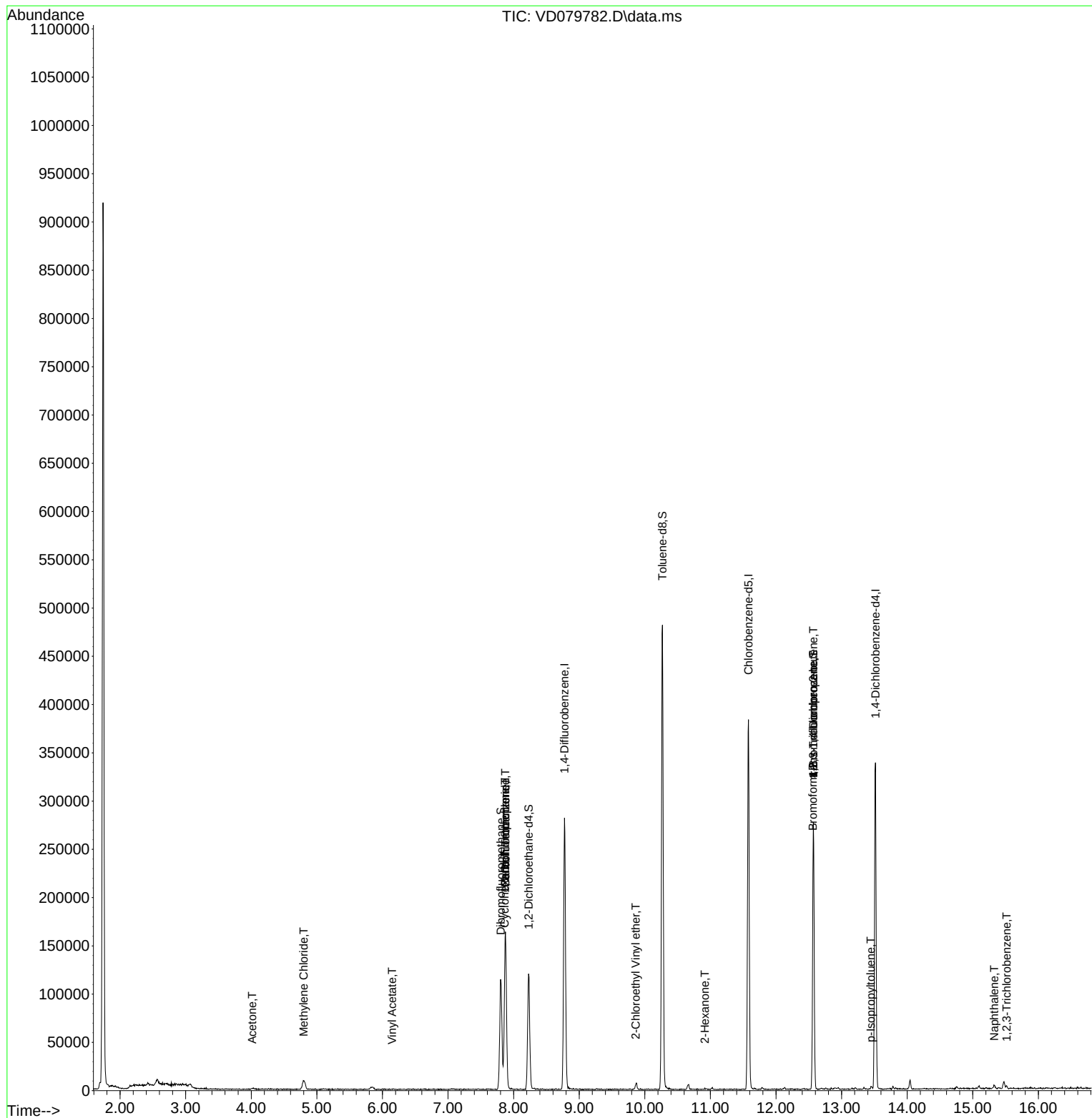
Internal Standards						
1) Pentafluorobenzene	7.875	168	112624	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	235753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93742	61.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.100%	
35) Dibromofluoromethane	7.805	113	82613	53.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.269	98	336981	51.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.569	95	86689	47.142	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.280%	
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	1393	4.371	ug/l	# 75
20) Methylene Chloride	4.799	84	6931	1.096	ug/l	# 94
23) Vinyl Acetate	6.146	43	137	2.564	ug/l	# 63
31) Cyclohexane	7.863	56	3371	1.313	ug/l	# 34
36) 1,1-Dichloropropene	7.869	75	11021	4.852	ug/l	# 46
38) Carbon Tetrachloride	7.875	117	13148	5.428	ug/l	# 18
58) 2-Chloroethyl Vinyl ether	9.863	63	3269	2.293	ug/l	# 81
59) 2-Hexanone	10.916	43	572	20.928	ug/l	# 32
71) Bromoform	12.563	173	786	1.013	ug/l	# 1
76) 1,2,3-Trichloropropane	12.569	75	46241	62.810	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	46241	104.761	ug/l	# 19
86) p-Isopropyltoluene	13.446	119	979	3.890	ug/l	92
95) Naphthalene	15.328	128	3521	1.259	ug/l	# 85
96) 1,2,3-Trichlorobenzene	15.516	180	1226	1.018	ug/l	85

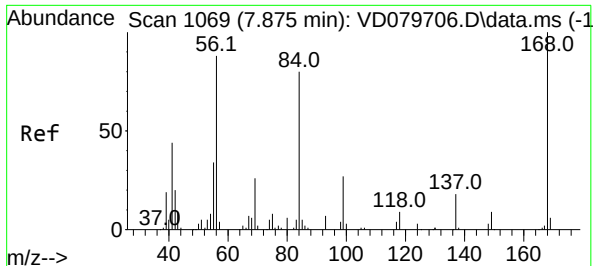
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

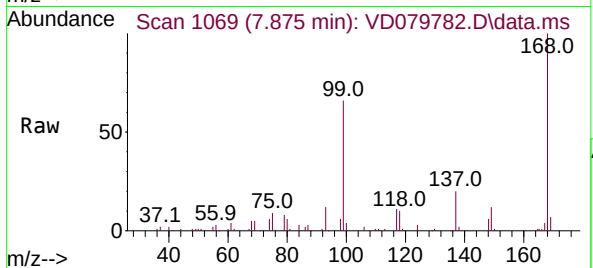
Quant Time: Sep 06 01:36:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
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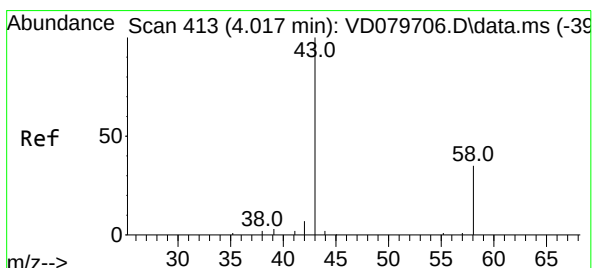
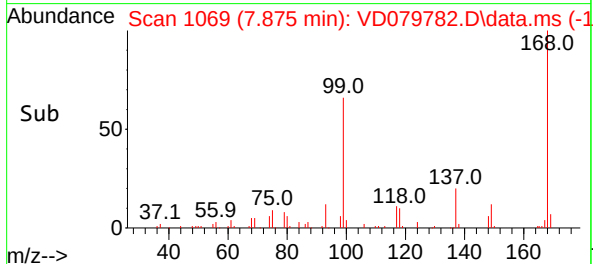
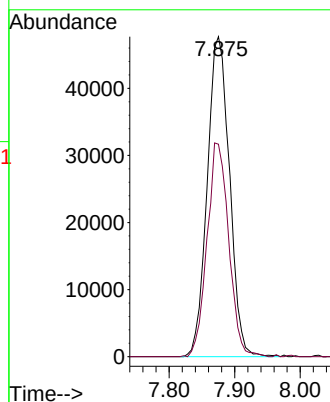


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :

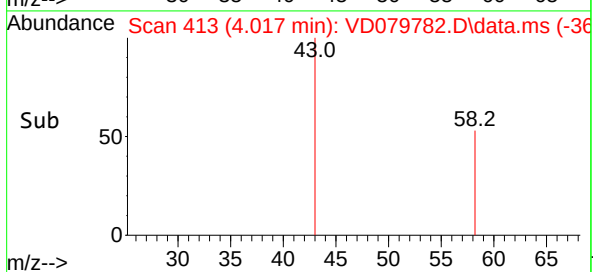
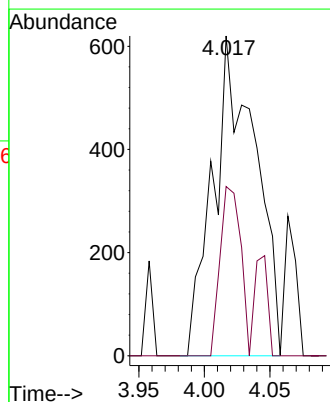
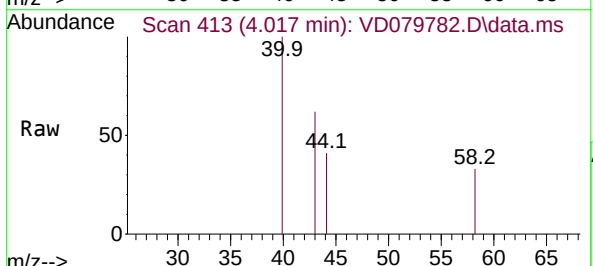


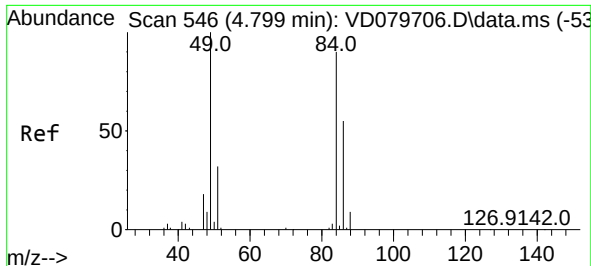
Tgt Ion:168 Resp: 112624
Ion Ratio Lower Upper
168 100
99 66.4 41.1 61.7#



#16
Acetone
Concen: 4.371 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

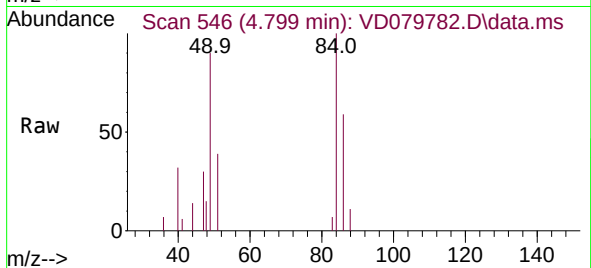
Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
58 52.9 30.4 45.6#



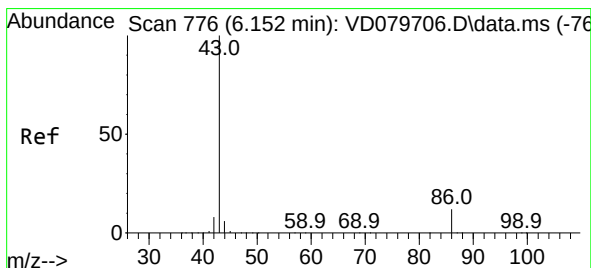
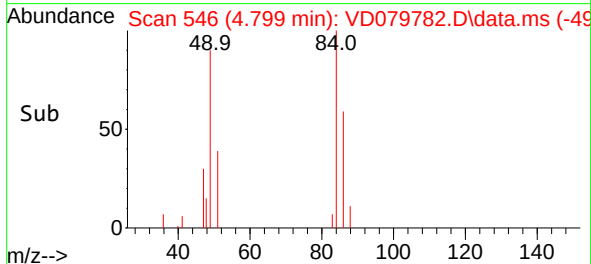
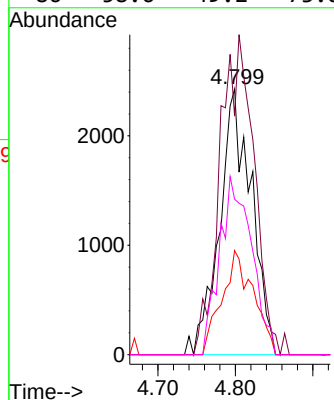


#20
Methylene Chloride
Concen: 1.096 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :

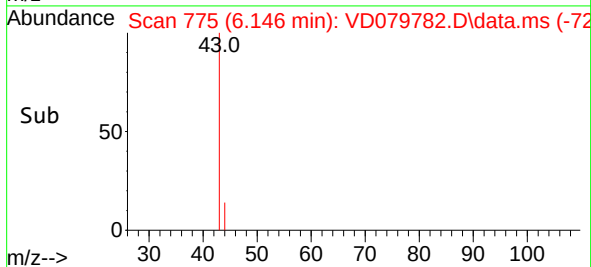
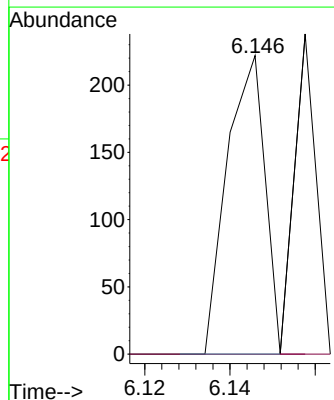
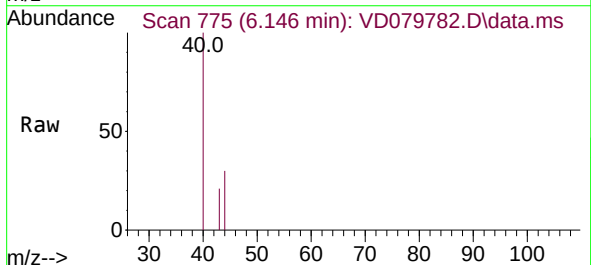


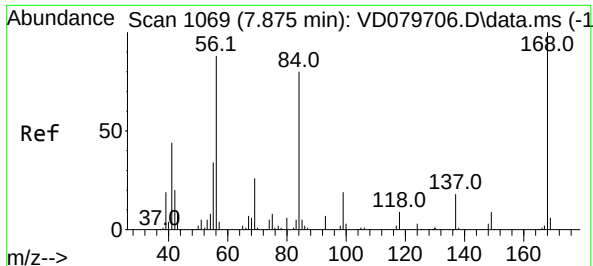
Tgt Ion: 84	Resp: 6931
Ion Ratio	Lower Upper
84 100	
49 89.8	75.6 113.4
51 39.2	24.2 36.2#
86 58.6	49.2 73.8



#23
Vinyl Acetate
Concen: 2.564 ug/l
RT: 6.146 min Scan# 775
Delta R.T. -0.006 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Tgt Ion: 43	Resp: 137
Ion Ratio	Lower Upper
43 100	
86 0.0	12.3 18.5#

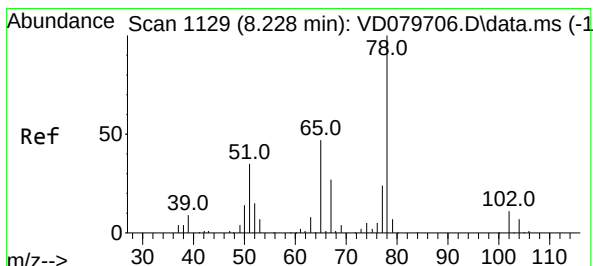
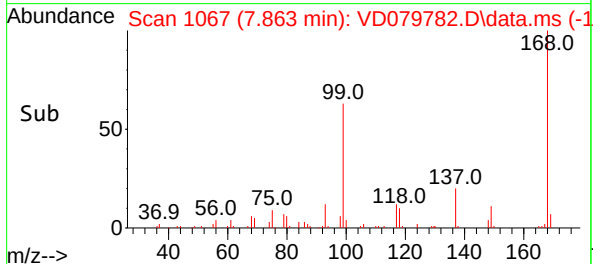
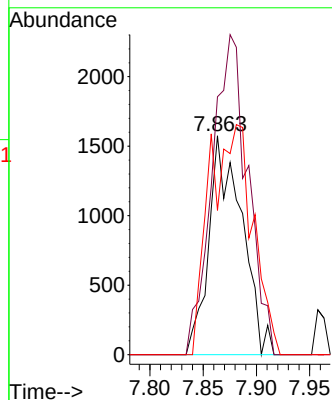
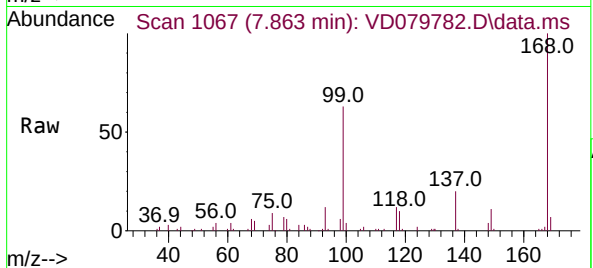




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

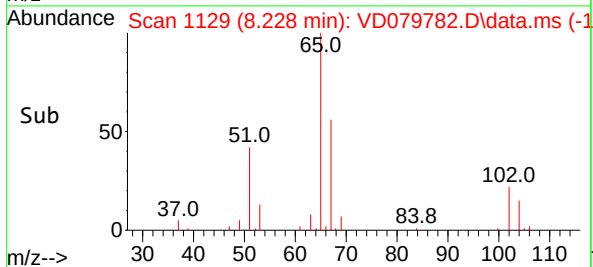
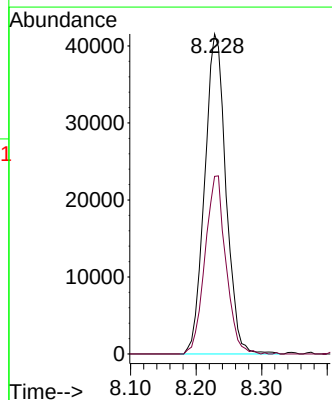
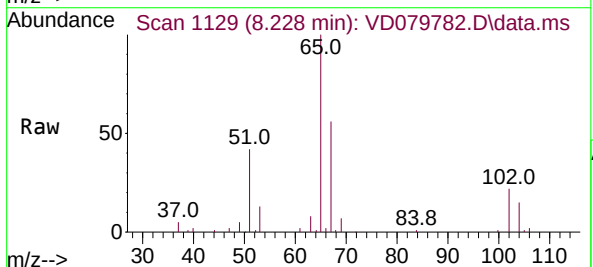
Instrument :
MSVOA_D
ClientSampleId :

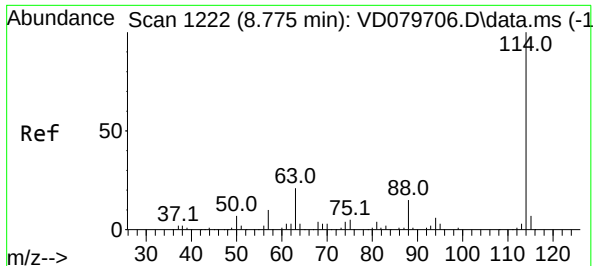
Tgt Ion: 56 Resp: 3371
Ion Ratio Lower Upper
56 100
69 117.8 28.0 42.0#
84 65.9 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 61.045 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Tgt Ion: 65 Resp: 93742
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# 1

Delta R.T. 0.000 min

Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

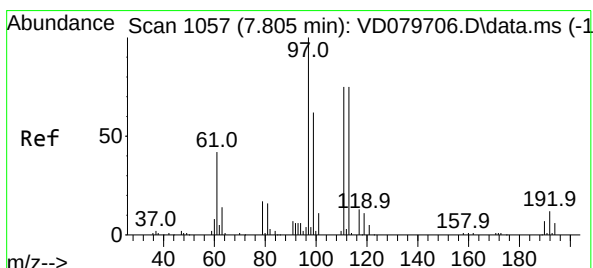
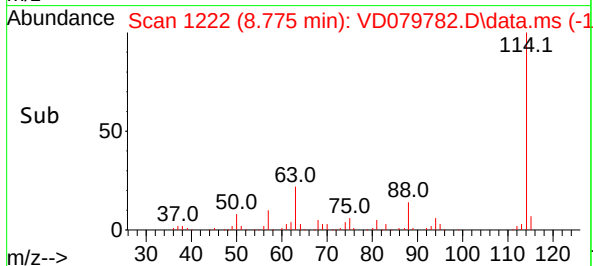
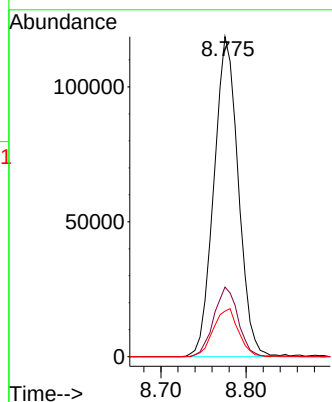
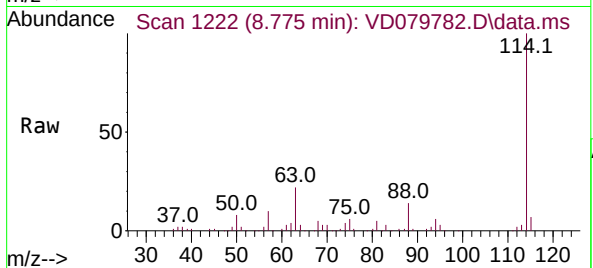
Tgt Ion:114 Resp: 235753

Ion Ratio Lower Upper

114 100

63 21.8 0.0 34.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.912 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

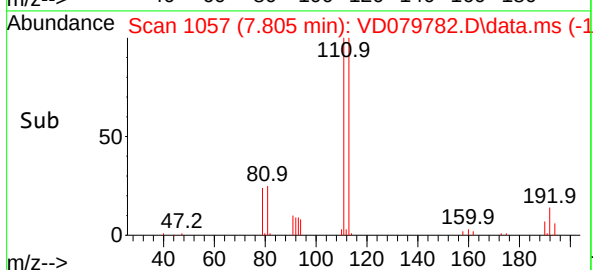
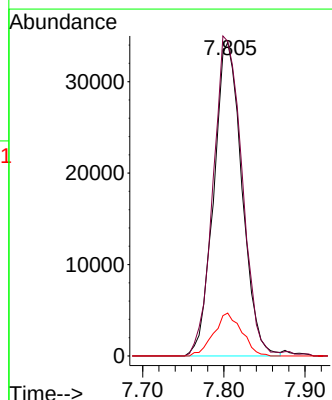
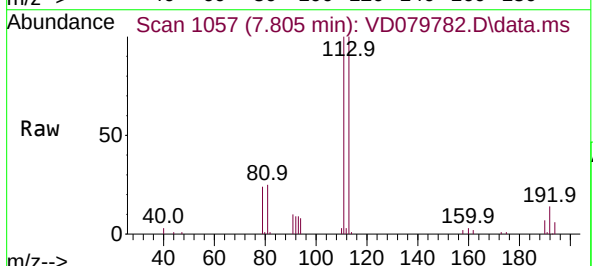
Tgt Ion:113 Resp: 82613

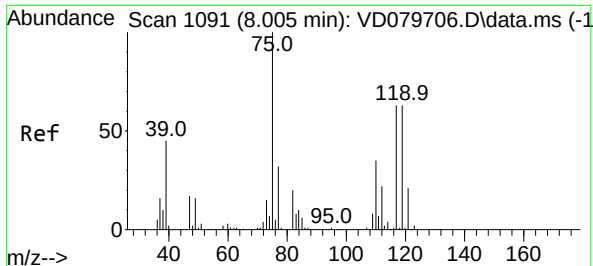
Ion Ratio Lower Upper

113 100

111 104.7 84.0 126.0

192 13.6 15.4 23.0#





#36

1,1-Dichloropropene

Concen: 4.852 ug/l

RT: 7.869 min Scan# 11021

Delta R.T. -0.135 min

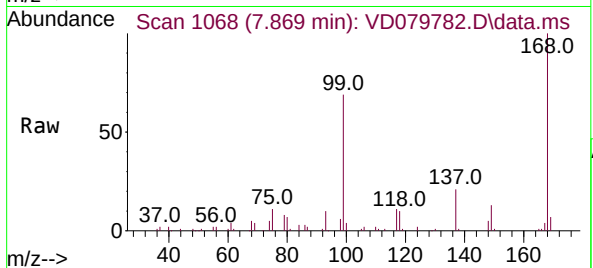
Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

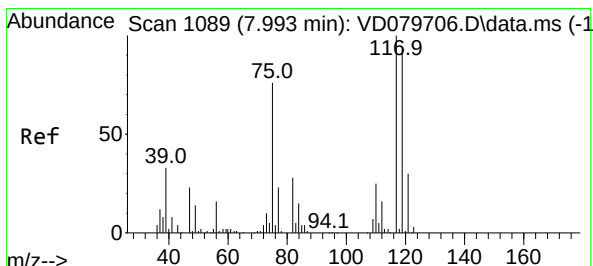
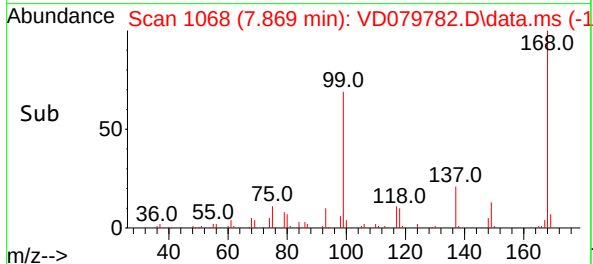
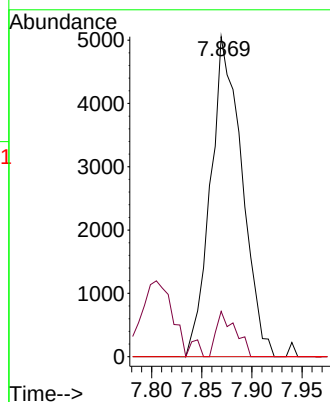
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	11021
Ion Ratio	100		
Lower	19.6		
Upper	58.7#		
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.428 ug/l

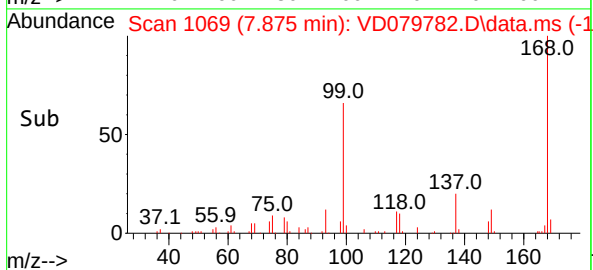
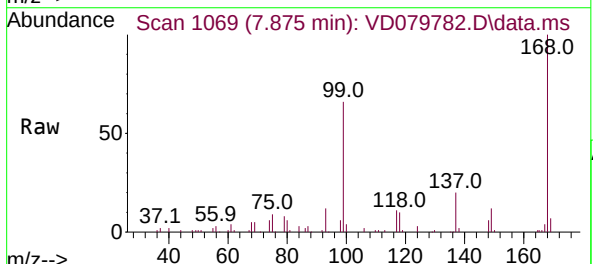
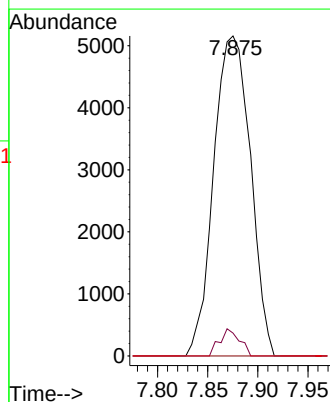
RT: 7.875 min Scan# 1069

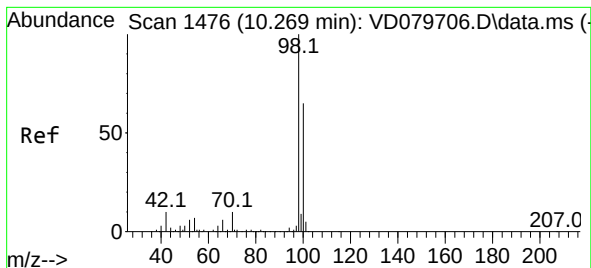
Delta R.T. -0.118 min

Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

Tgt Ion:	117	Resp:	13148
Ion Ratio	100		
Lower	75.4		
Upper	113.0#		
119	7.1	25.0	37.4#

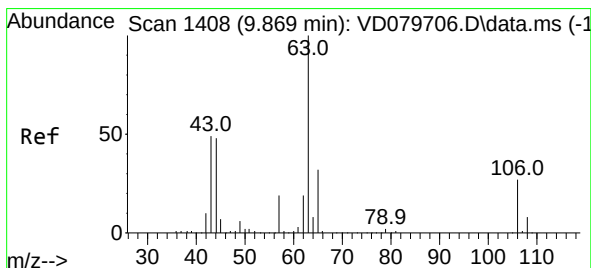
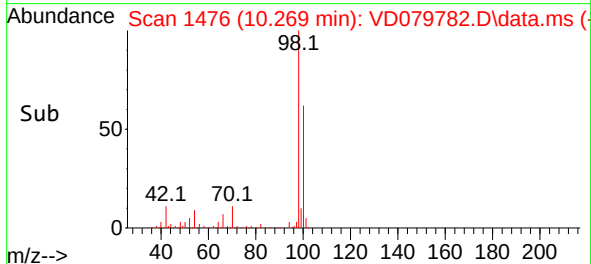
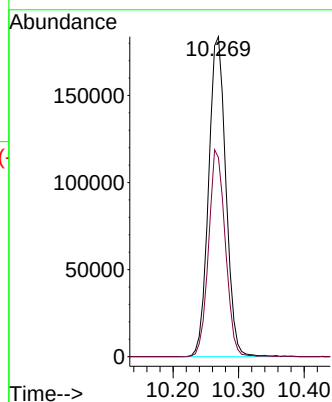
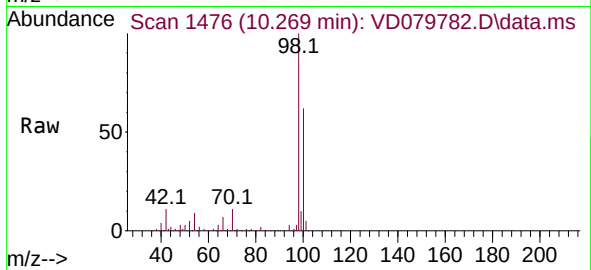




#50
Toluene-d8
Concen: 51.275 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

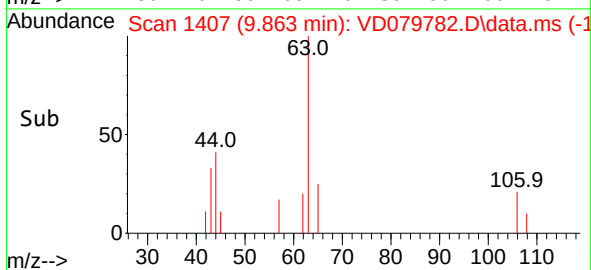
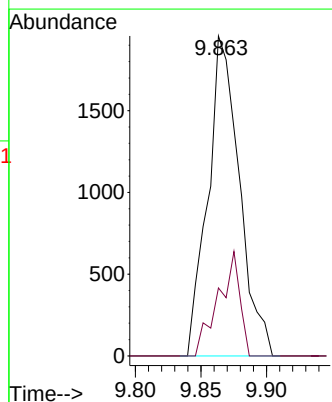
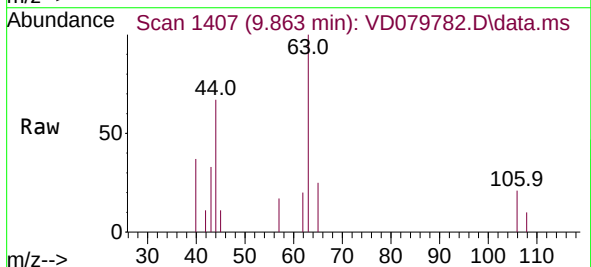
Instrument :
MSVOA_D
ClientSampleId :

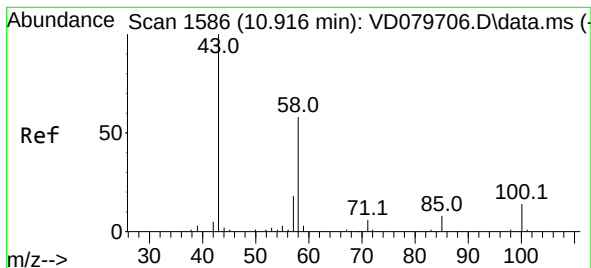
Tgt Ion: 98 Resp: 336981
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#58
2-Chloroethyl Vinyl ether
Concen: 2.293 ug/l
RT: 9.863 min Scan# 1407
Delta R.T. -0.006 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Tgt Ion: 63 Resp: 3269
Ion Ratio Lower Upper
63 100
106 22.3 26.4 39.6#

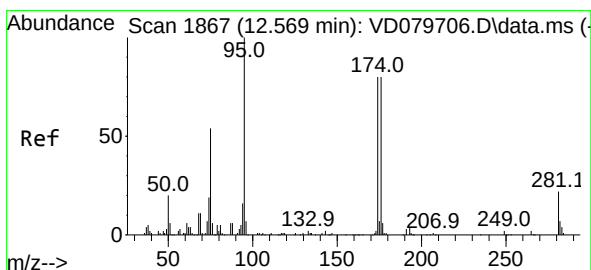
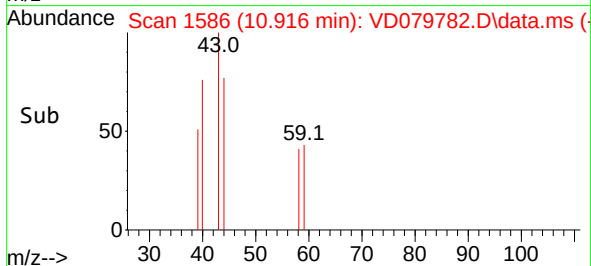
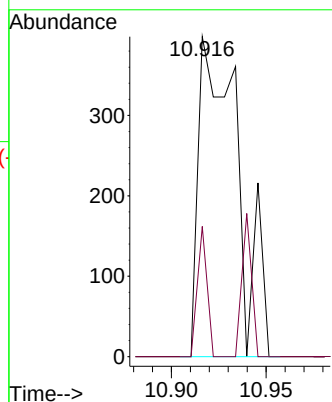
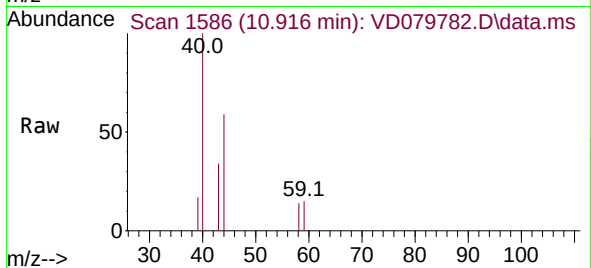




#59
2-Hexanone
Concen: 20.928 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

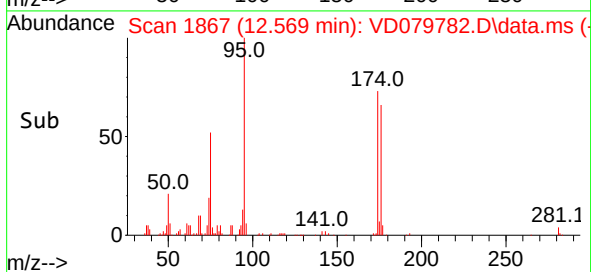
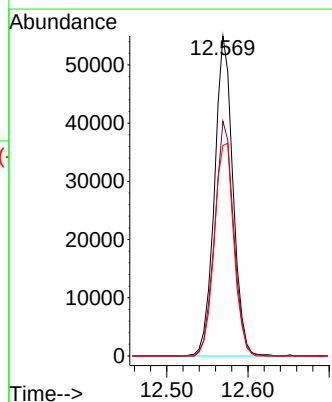
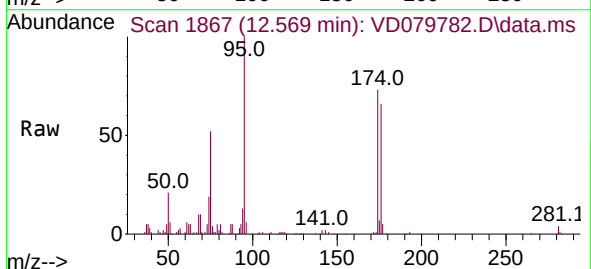
Instrument :
MSVOA_D
ClientSampleId :

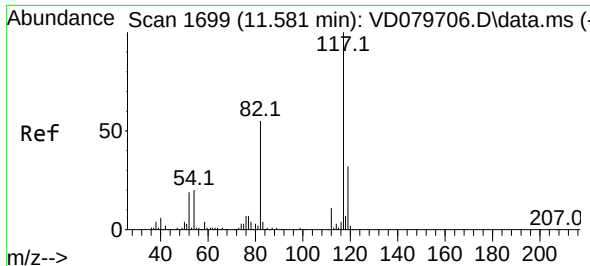
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 10.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 47.142 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

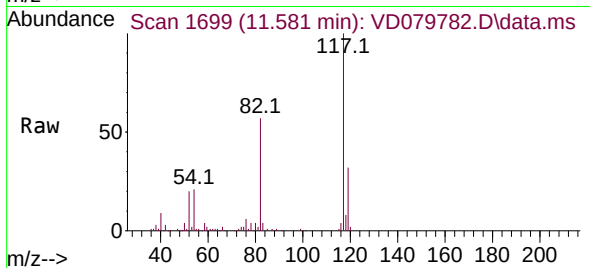
Tgt Ion: 95 Resp: 86689
Ion Ratio Lower Upper
95 100
174 75.2 0.0 195.4
176 70.8 0.0 192.6



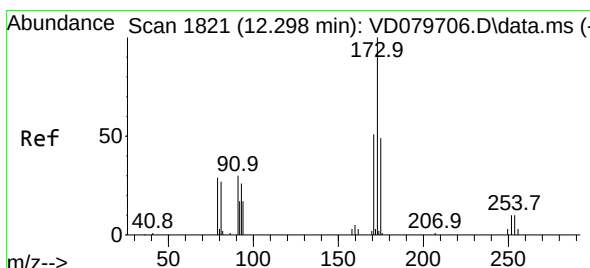
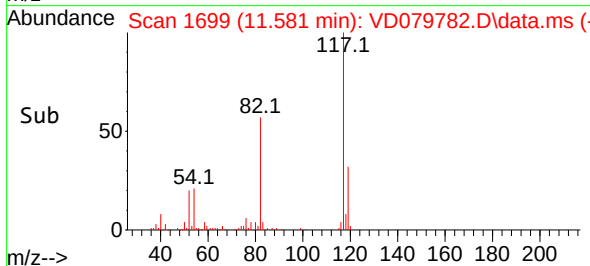
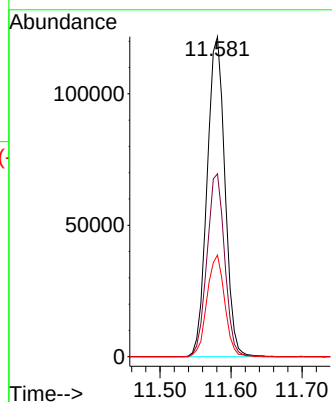


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :

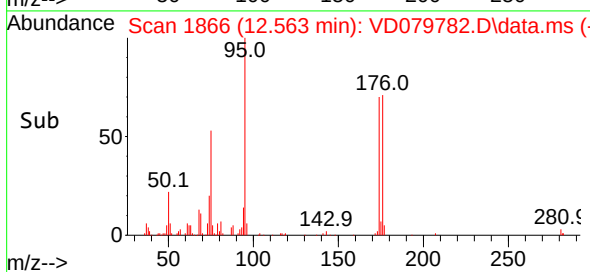
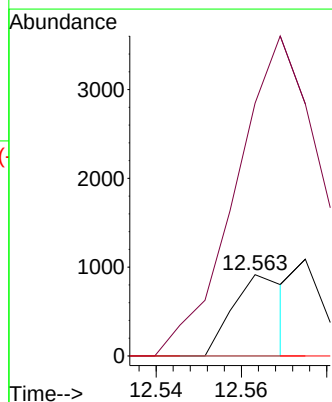
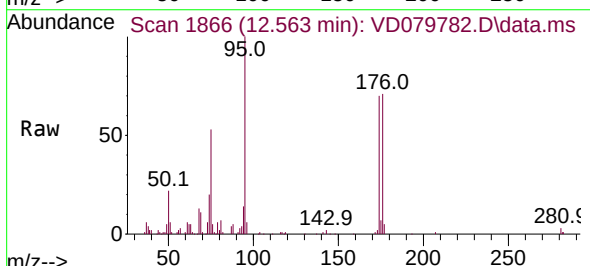


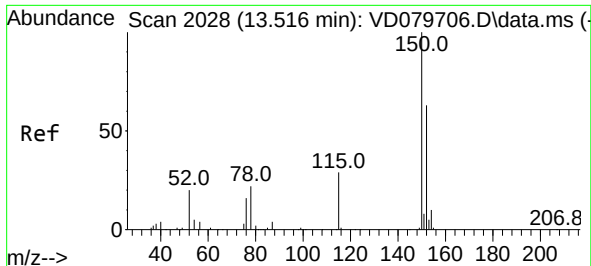
Tgt Ion:117 Resp: 212358
Ion Ratio Lower Upper
117 100
82 57.1 39.8 59.6
119 31.8 25.7 38.5



#71
Bromoform
Concen: 1.013 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.265 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

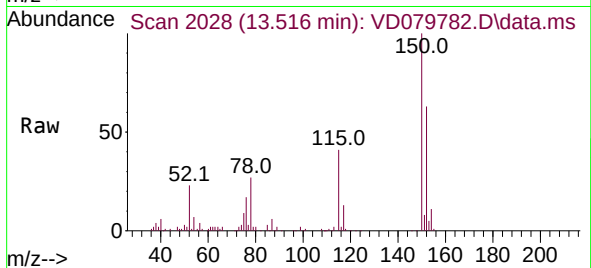
Tgt Ion:173 Resp: 786
Ion Ratio Lower Upper
173 100
175 534.1 23.7 71.1#
254 0.0 0.0 0.0



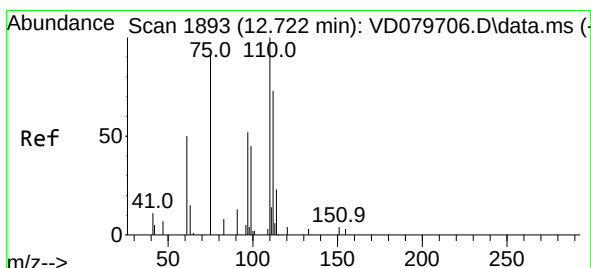
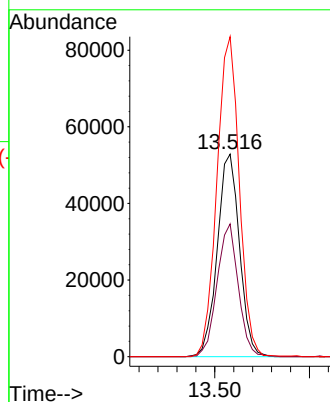
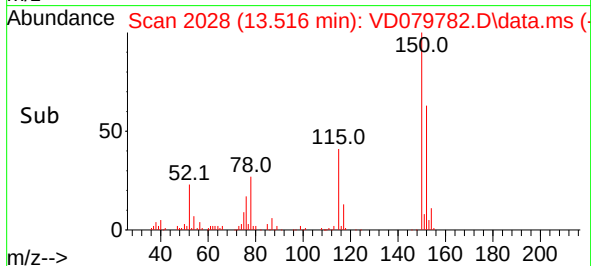


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD079782.D
 Acq: 05 Sep 2024 13:43

Instrument :
 MSVOA_D
 ClientSampleId :

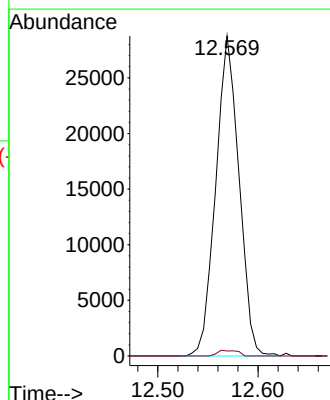
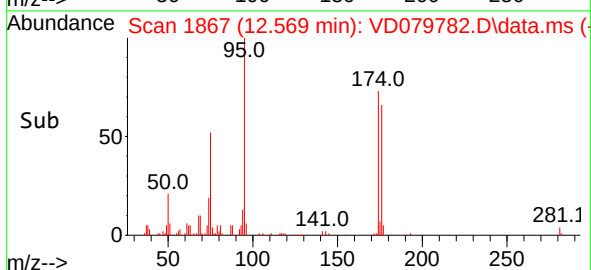
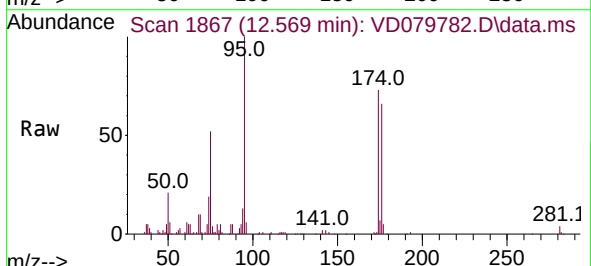


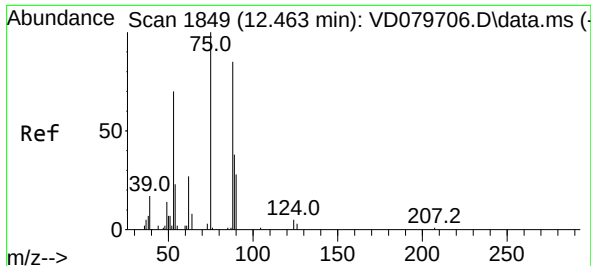
Tgt Ion:152 Resp: 86136
 Ion Ratio Lower Upper
 152 100
 115 62.8 26.5 79.5
 150 159.0 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 62.810 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079782.D
 Acq: 05 Sep 2024 13:43

Tgt Ion: 75 Resp: 46241
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

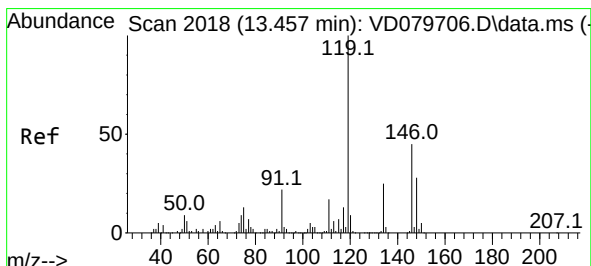
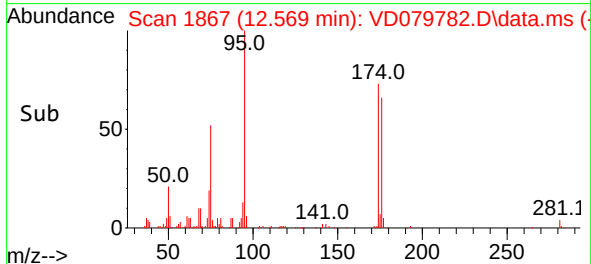
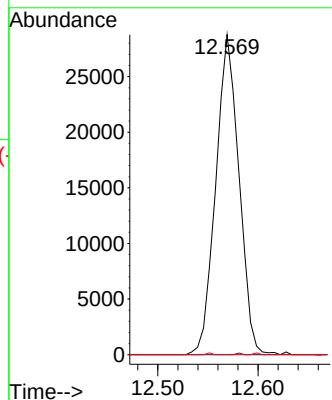
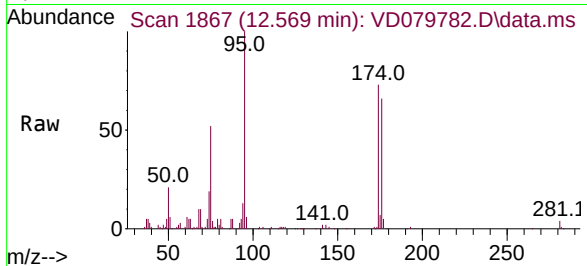




#81
trans-1,4-Dichloro-2-butene
Concen: 104.761 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

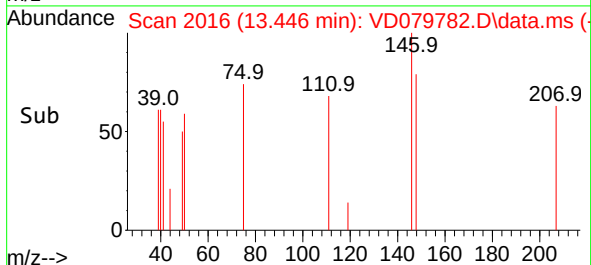
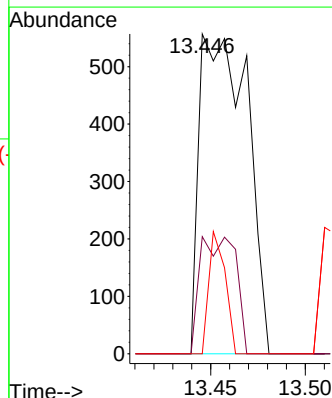
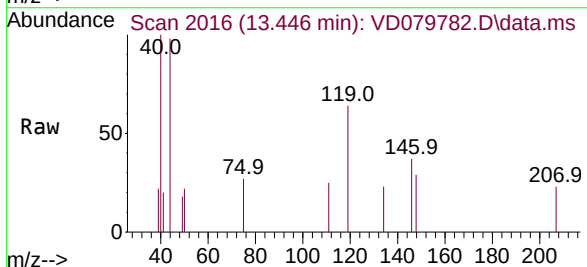
Instrument :
MSVOA_D
ClientSampleId :

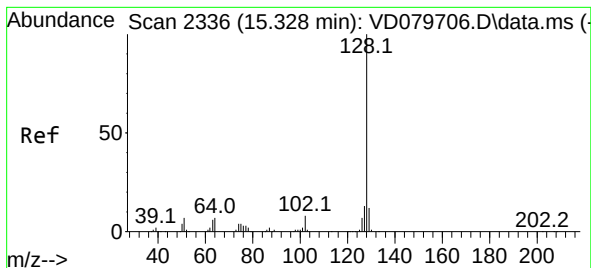
Tgt Ion: 75 Resp: 46241
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#



#86
p-Isopropyltoluene
Concen: 3.890 ug/l
RT: 13.446 min Scan# 2016
Delta R.T. -0.011 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Tgt Ion: 119 Resp: 979
Ion Ratio Lower Upper
119 100
134 27.4 13.7 41.1
91 13.1 10.7 32.1





#95

Naphthalene

Concen: 1.259 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

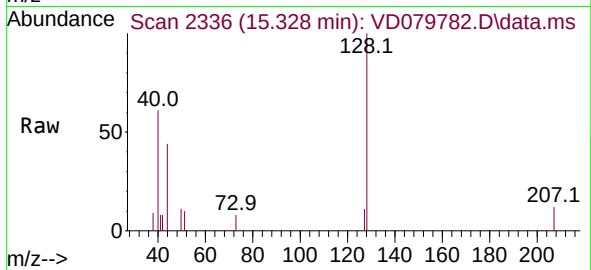
Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :



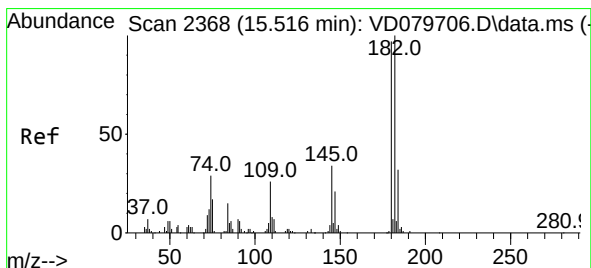
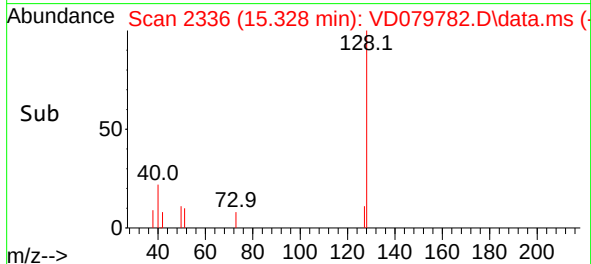
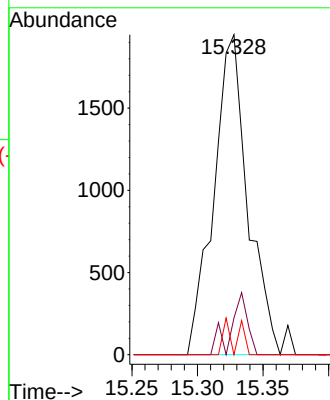
Tgt Ion:128 Resp: 3521

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.4

129 0.0 8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 1.018 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

Tgt Ion:180 Resp: 1226

Ion Ratio Lower Upper

180 100

182 78.1 47.8 143.3

145 29.2 16.1 48.2

