

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079803.D
 Acq On : 06 Sep 2024 17:23
 Operator : RP/MD
 Sample : P3587-12
 Misc : 5.66G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-D2-GRAB

Quant Time: Sep 07 00:00:17 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)

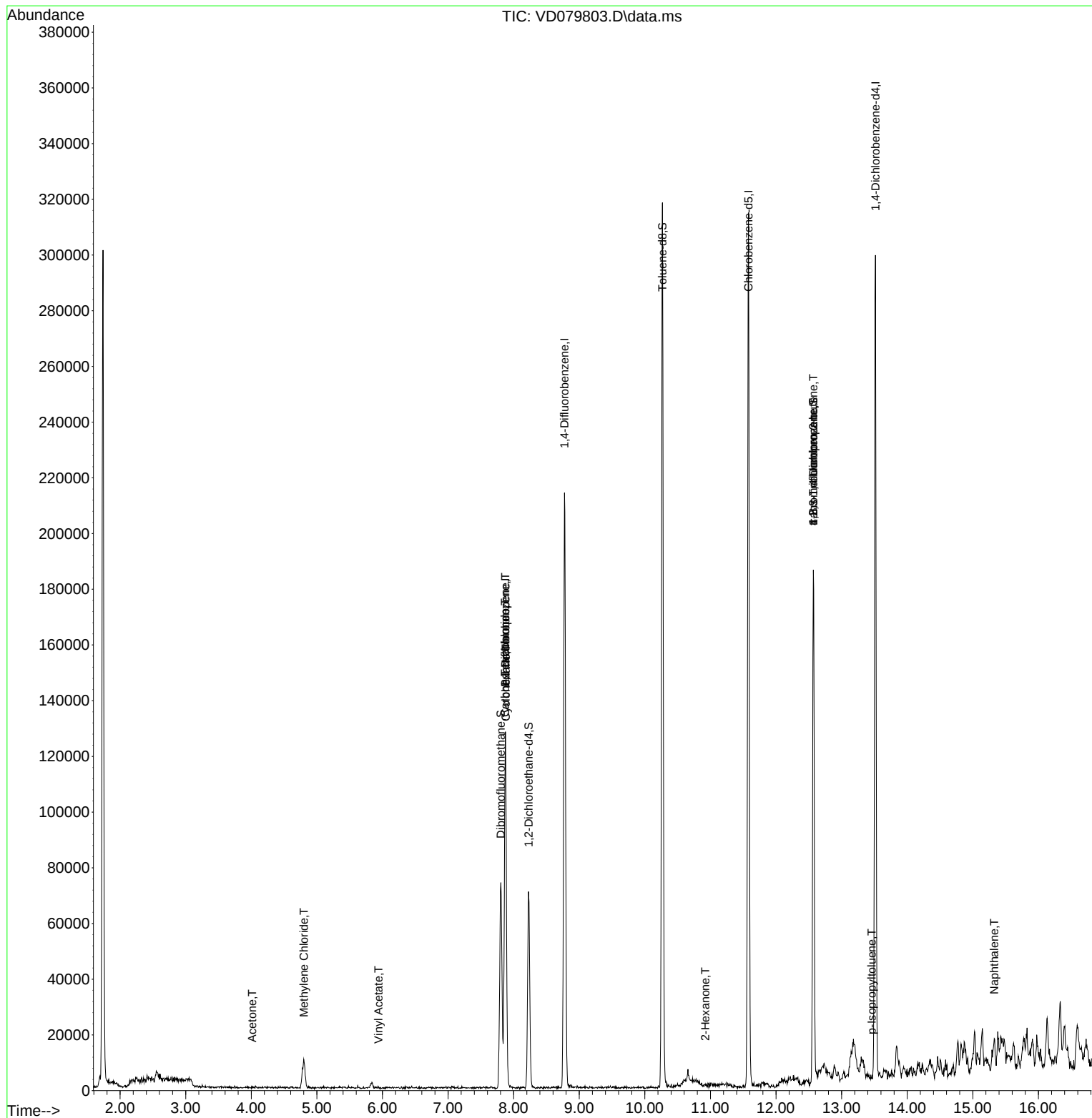
Internal Standards						
1) Pentafluorobenzene	7.875	168	86496	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	186518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53921	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.804	113	53248	43.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.269	98	221825	42.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.320%
62) 4-Bromofluorobenzene	12.569	95	58345	40.104	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.200%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	456	1.863	ug/l	# 37
20) Methylene Chloride	4.805	84	7276	2.493	ug/l	# 86
23) Vinyl Acetate	5.940	43	63	2.541	ug/l	# 63
31) Cyclohexane	7.881	56	2503	1.270	ug/l	# 58
36) 1,1-Dichloropropene	7.875	75	8804	4.899	ug/l	# 47
38) Carbon Tetrachloride	7.869	117	10122	5.282	ug/l	# 15
59) 2-Hexanone	10.922	43	70	20.340	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	31654	49.737	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	31654	82.957	ug/l	# 19
86) p-Isopropyltoluene	13.457	119	239	3.785	ug/l	# 32
95) Naphthalene	15.328	128	9355	3.871	ug/l	# 85

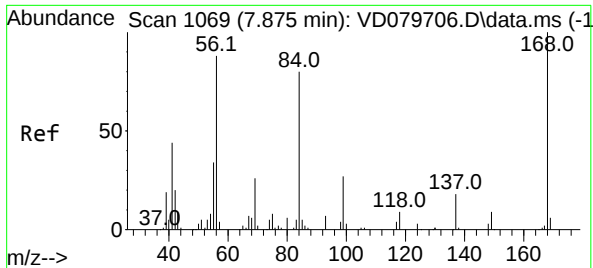
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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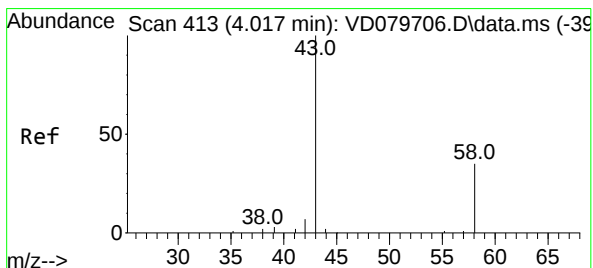
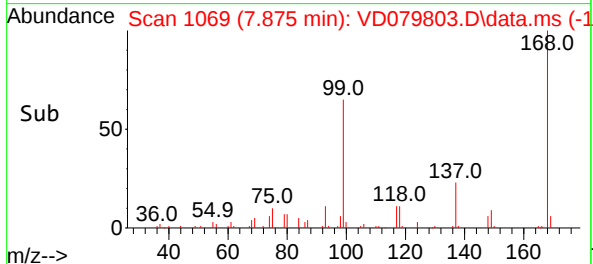
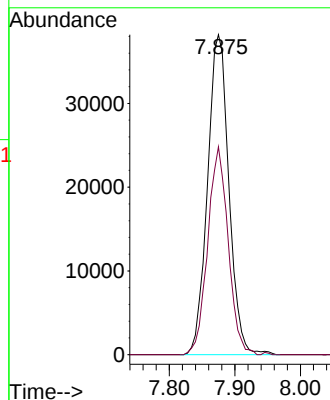
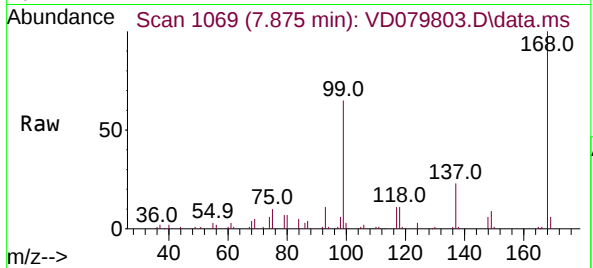




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

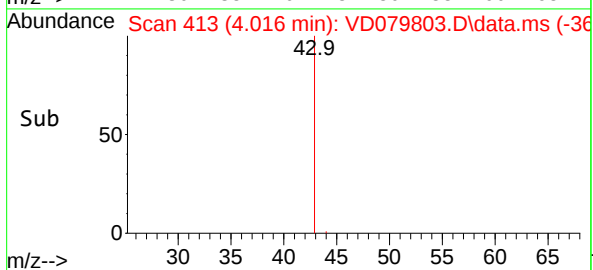
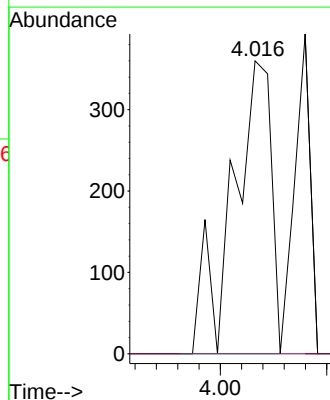
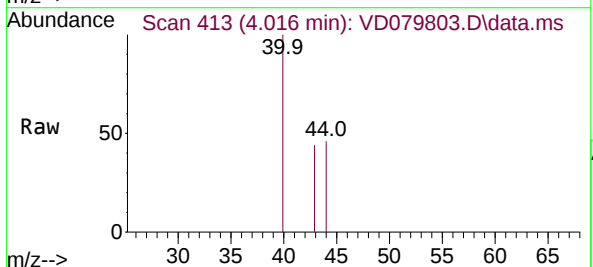
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

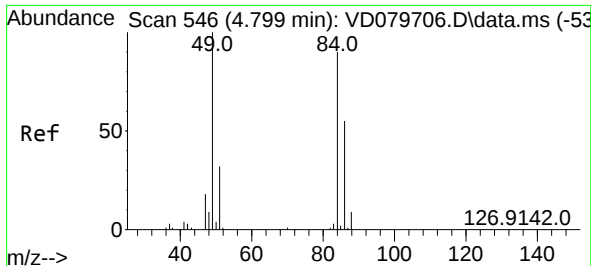
Tgt Ion:168 Resp: 86496
Ion Ratio Lower Upper
168 100
99 64.9 41.1 61.7#



#16
Acetone
Concen: 1.863 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

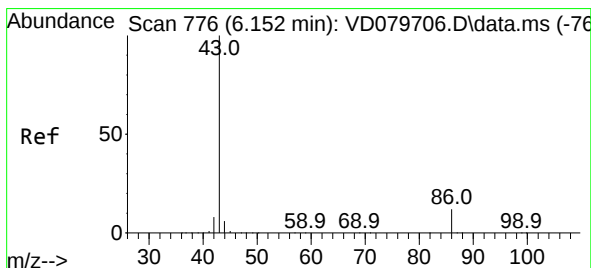
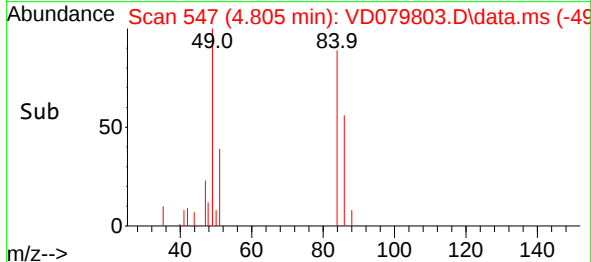
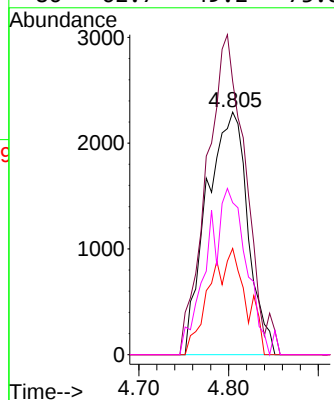
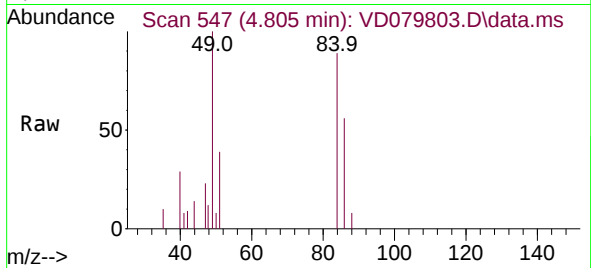




#20
Methylene Chloride
Concen: 2.493 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

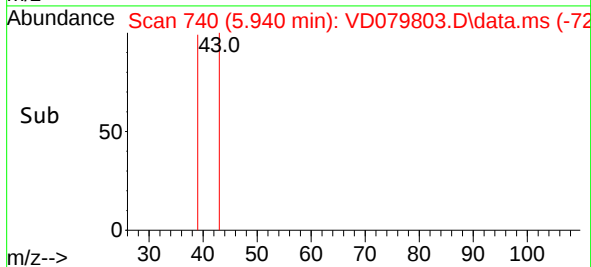
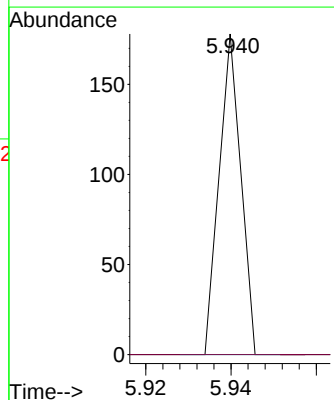
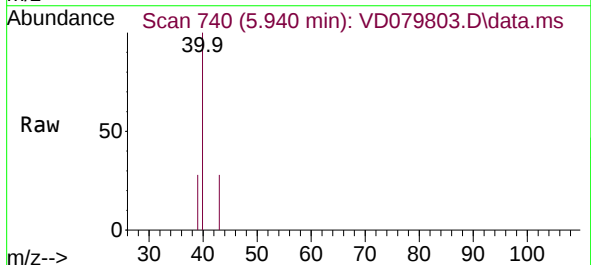
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

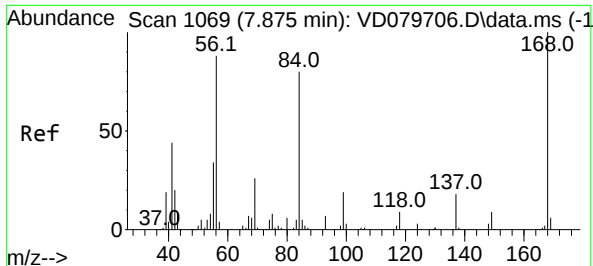
Tgt Ion: 84	Resp: 7276
Ion Ratio	Lower Upper
84 100	
49 112.7	75.6 113.4
51 43.8	24.2 36.2#
86 62.7	49.2 73.8



#23
Vinyl Acetate
Concen: 2.541 ug/l
RT: 5.940 min Scan# 740
Delta R.T. -0.212 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 43	Resp: 63		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	12.3	18.5#	

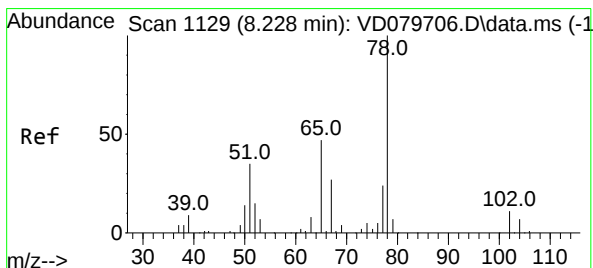
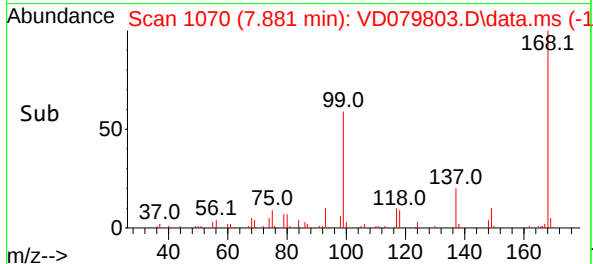
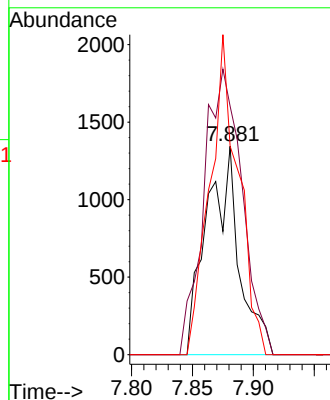
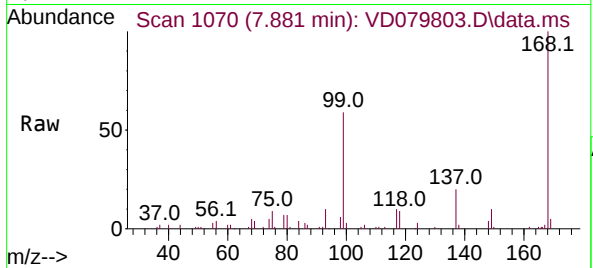




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

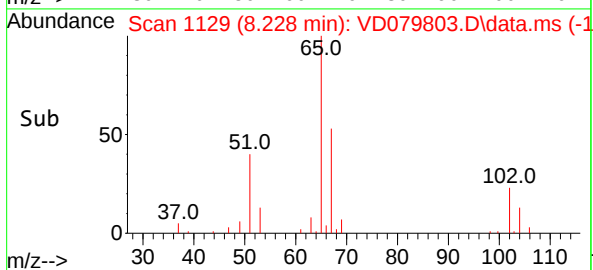
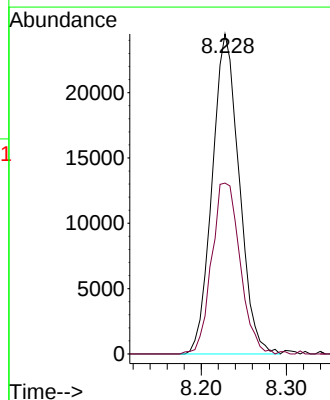
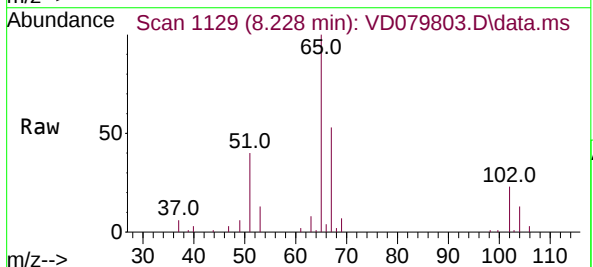
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

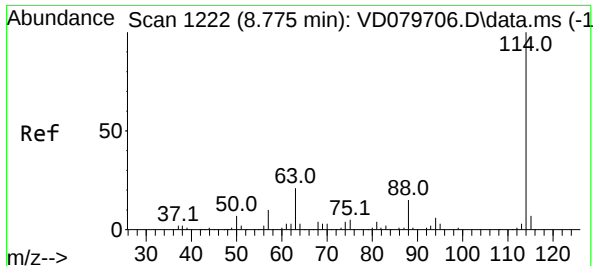
Tgt Ion: 56 Resp: 2503
Ion Ratio Lower Upper
56 100
69 119.2 28.0 42.0#
84 100.0 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 45.721 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 65 Resp: 53921
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0

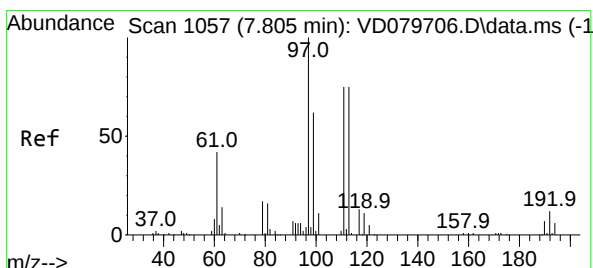
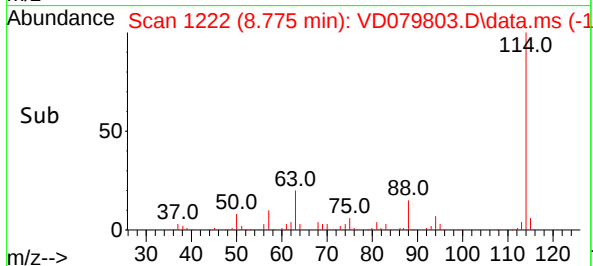
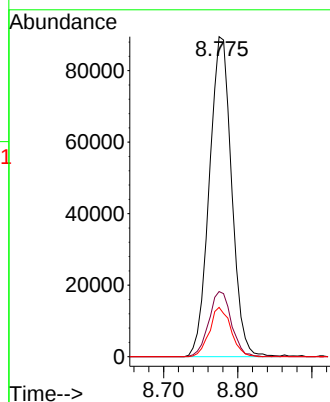
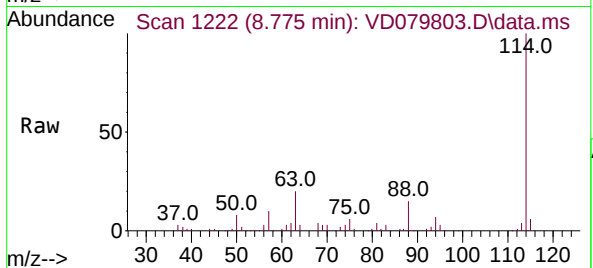




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

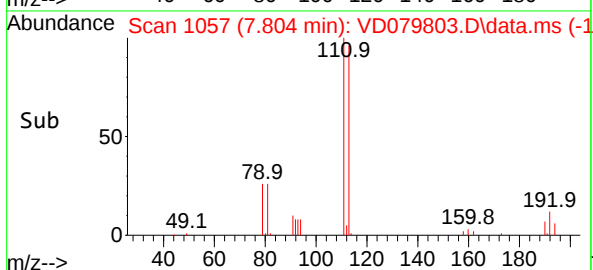
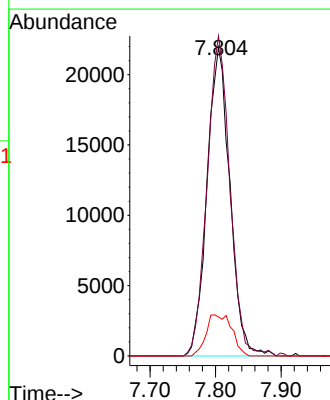
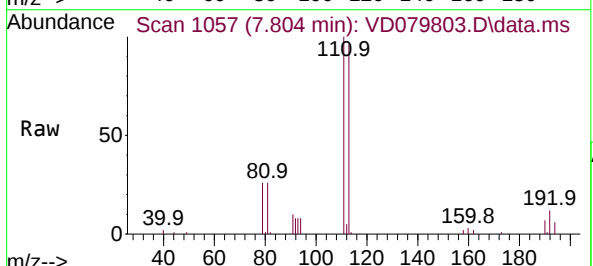
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

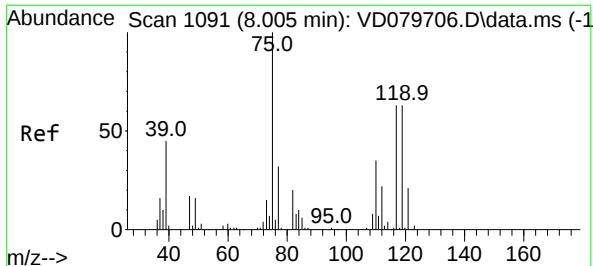
Tgt Ion:114 Resp: 186518
Ion Ratio Lower Upper
114 100
63 20.3 0.0 34.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 43.921 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion:113 Resp: 53248
Ion Ratio Lower Upper
113 100
111 103.1 84.0 126.0
192 15.0 15.4 23.0#





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD079803.D

Acq: 06 Sep 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

WC-D2-GRAB

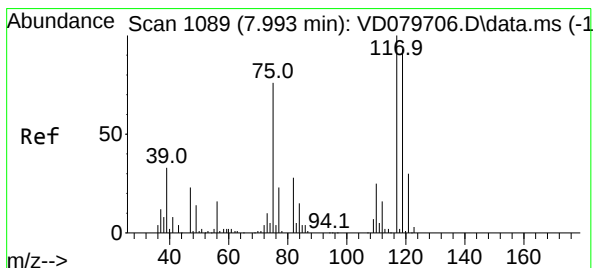
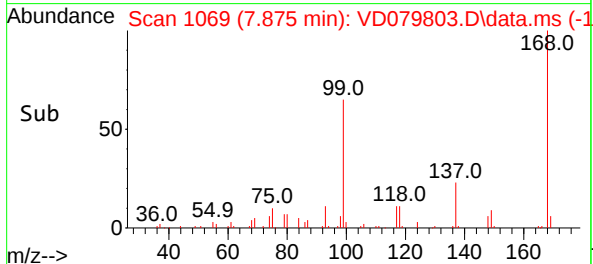
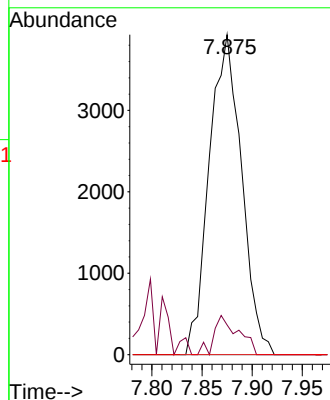
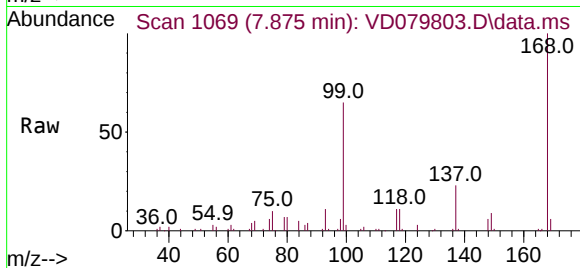
Tgt Ion: 75 Resp: 8804

Ion Ratio Lower Upper

75 100

110 9.3 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD079803.D

Acq: 06 Sep 2024 17:23

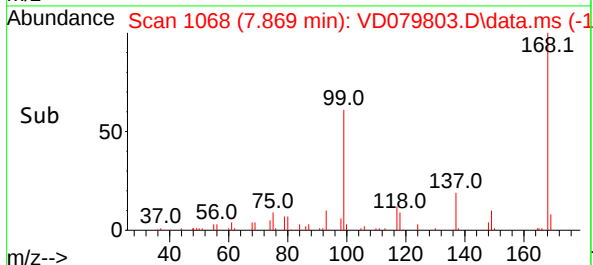
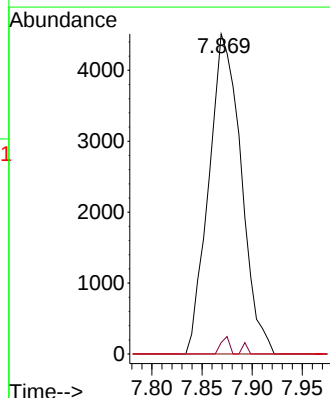
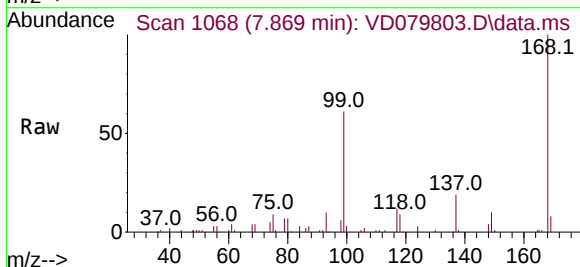
Tgt Ion: 117 Resp: 10122

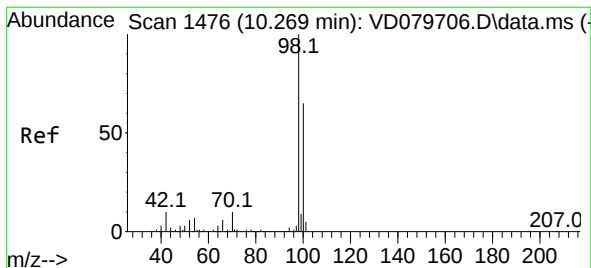
Ion Ratio Lower Upper

117 100

119 3.5 75.4 113.0#

121 0.0 25.0 37.4#

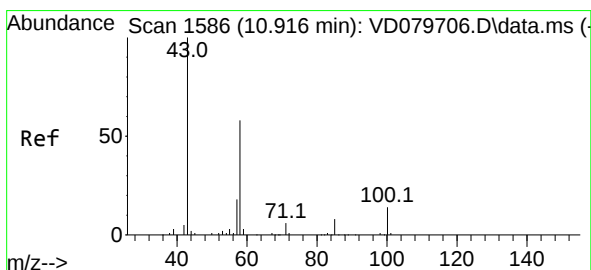
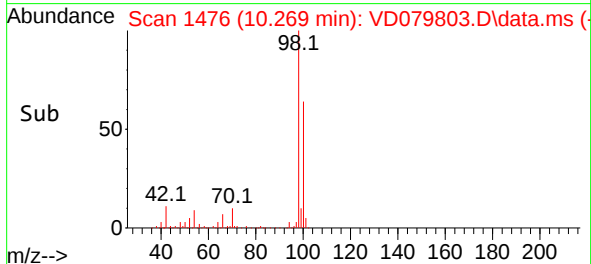
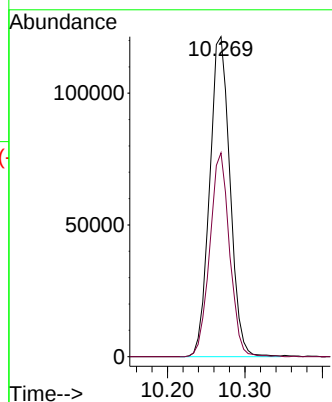
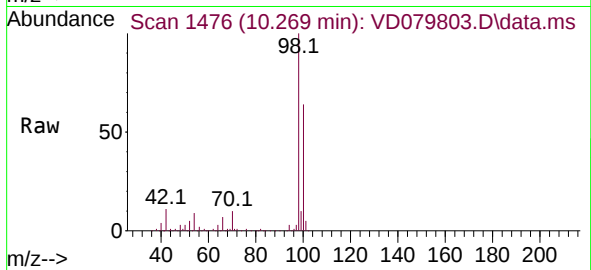




#50
Toluene-d8
Concen: 42.663 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

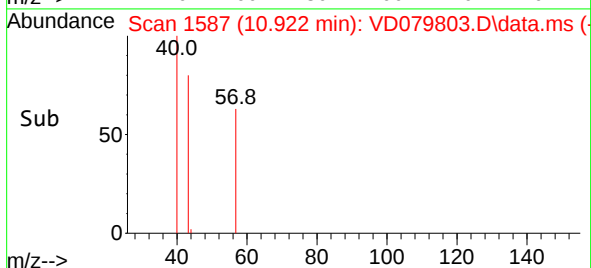
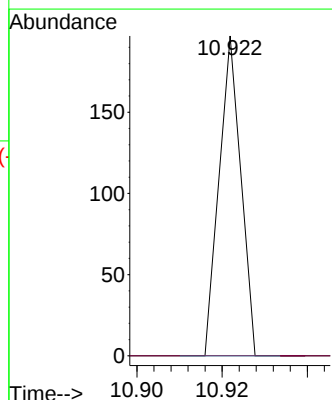
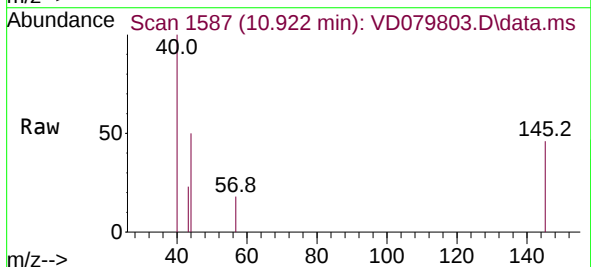
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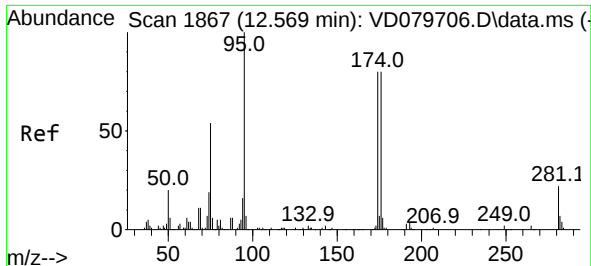
Tgt Ion: 98 Resp: 221825
Ion Ratio Lower Upper
98 100
100 61.9 51.6 77.4



#59
2-Hexanone
Concen: 20.340 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

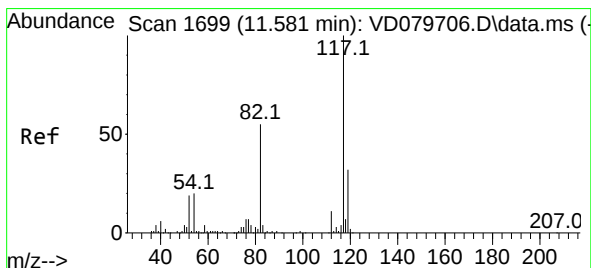
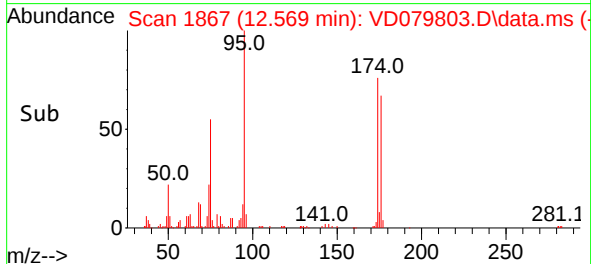
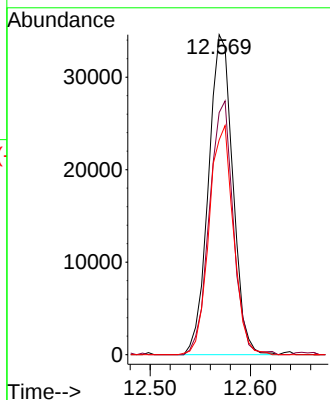
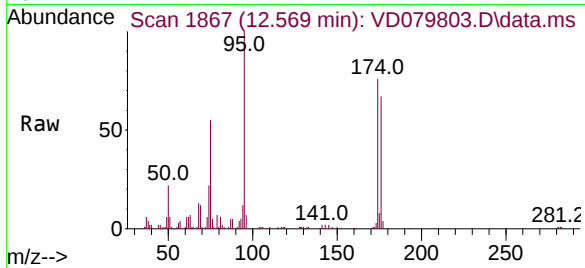




#62
4-Bromofluorobenzene
Concen: 40.104 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

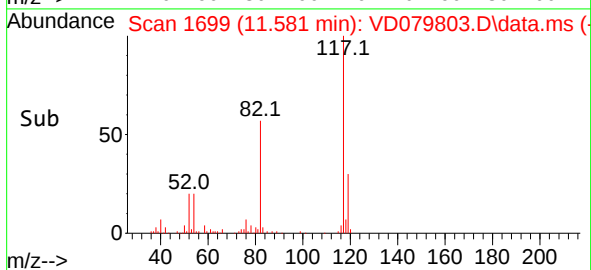
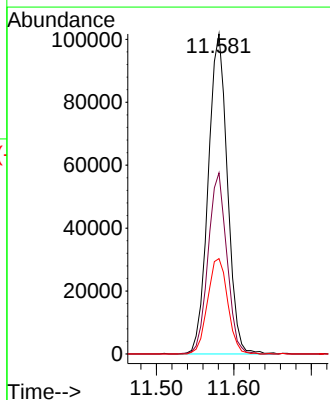
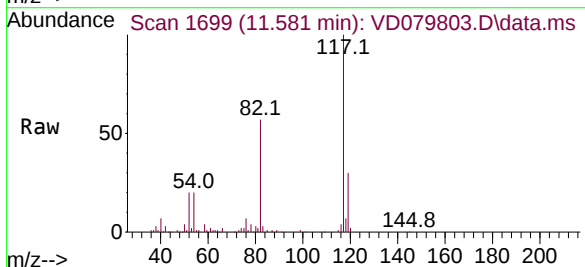
Instrument :
MSVOA_D
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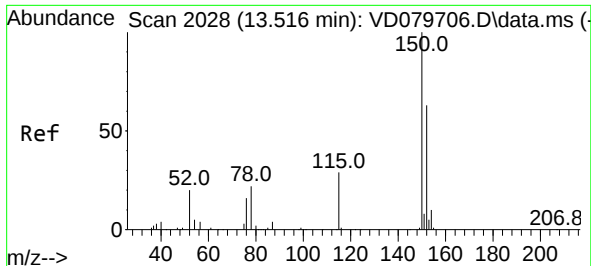
Tgt Ion: 95 Resp: 58345
Ion Ratio Lower Upper
95 100
174 77.6 0.0 195.4
176 71.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 117 Resp: 174745
Ion Ratio Lower Upper
117 100
82 56.6 39.8 59.6
119 29.8 25.7 38.5

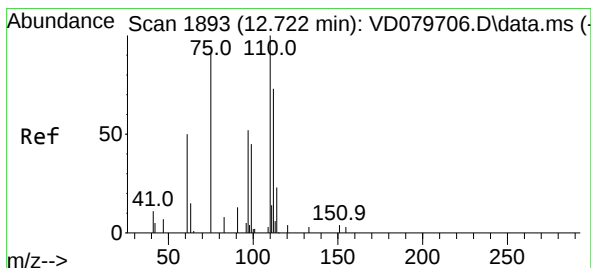
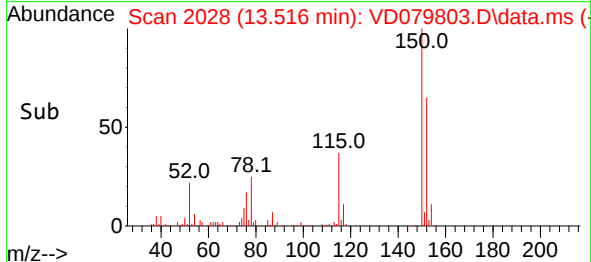
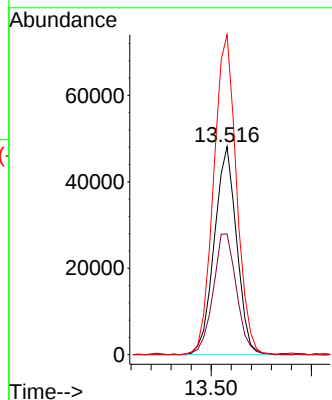
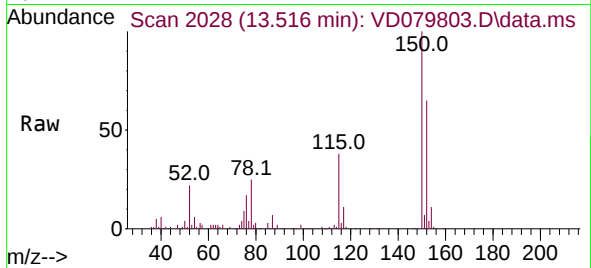




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

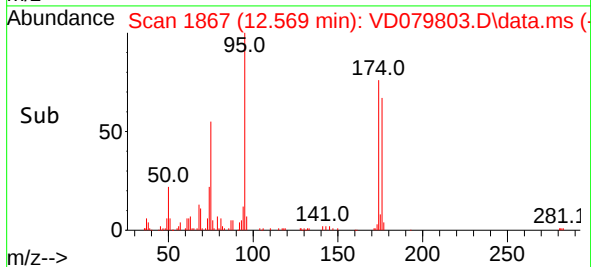
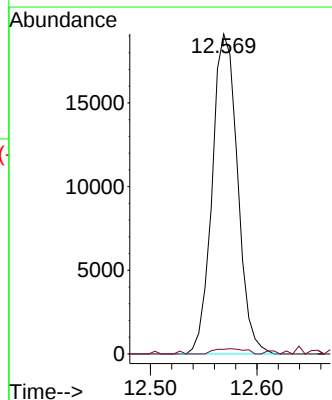
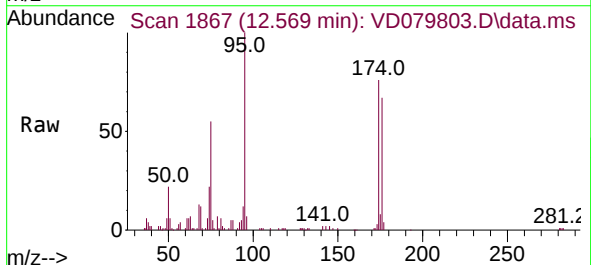
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

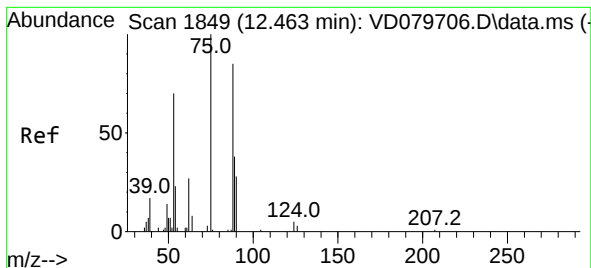
Tgt Ion:152 Resp: 74462
Ion Ratio Lower Upper
152 100
115 61.2 26.5 79.5
150 157.4 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 49.737 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 75 Resp: 31654
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

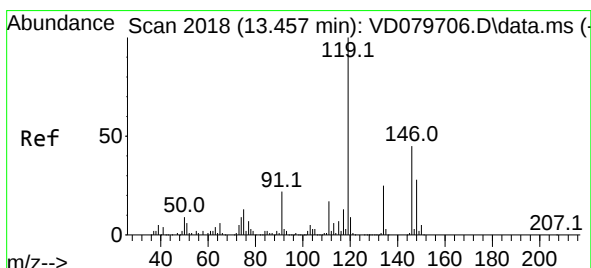
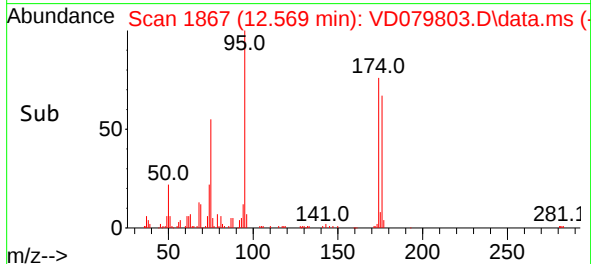
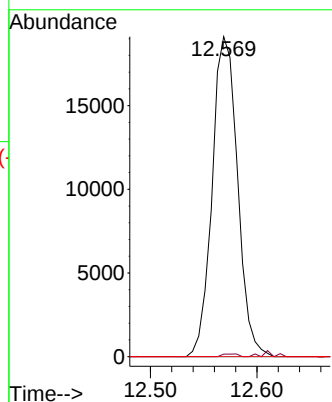
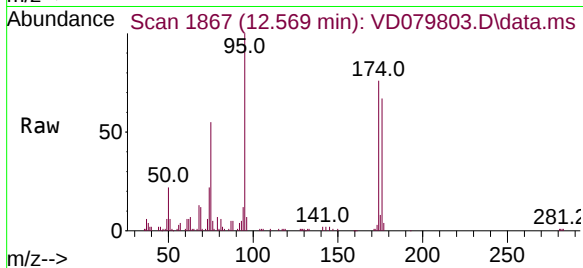




#81
trans-1,4-Dichloro-2-butene
Concen: 82.957 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

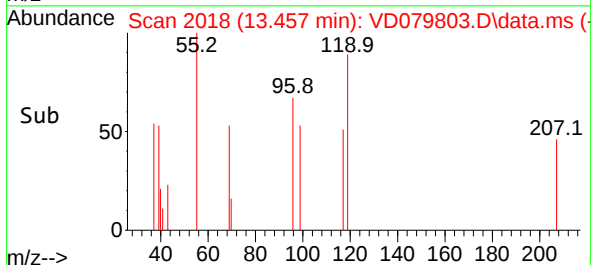
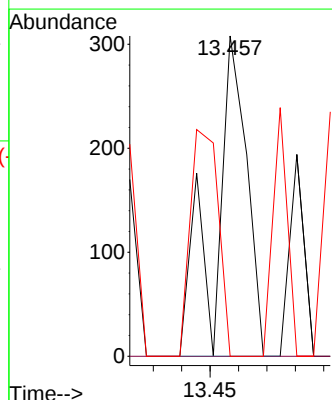
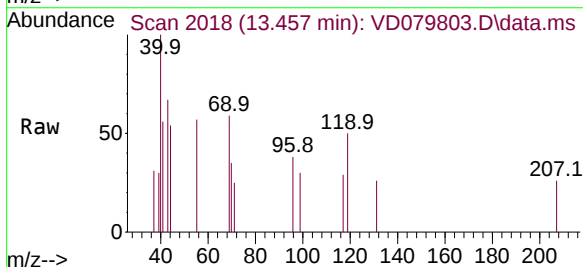
Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

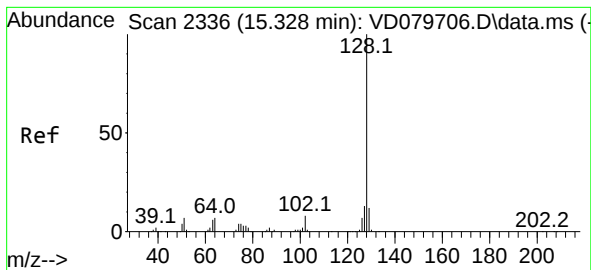
Tgt Ion: 75 Resp: 31654
Ion Ratio Lower Upper
75 100
53 0.5 61.4 92.2#
89 0.0 35.4 53.0#



#86
p-Isopropyltoluene
Concen: 3.785 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Tgt Ion: 119 Resp: 239
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 62.3 10.7 32.1#





#95
Naphthalene
Concen: 3.871 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079803.D
Acq: 06 Sep 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :
WC-D2-GRAB

Tgt Ion:128 Resp: 9355
Ion Ratio Lower Upper
128 100
127 16.1 10.2 15.4#
129 19.4 8.5 12.7#

