

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011624\
 Data File : VD078172.D
 Acq On : 16 Jan 2024 17:27
 Operator : RP/MD
 Sample : P1117-06
 Misc : 5.10G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S1-TOTAL-VOC-GRAB-8

Quant Time: Jan 17 08:23:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

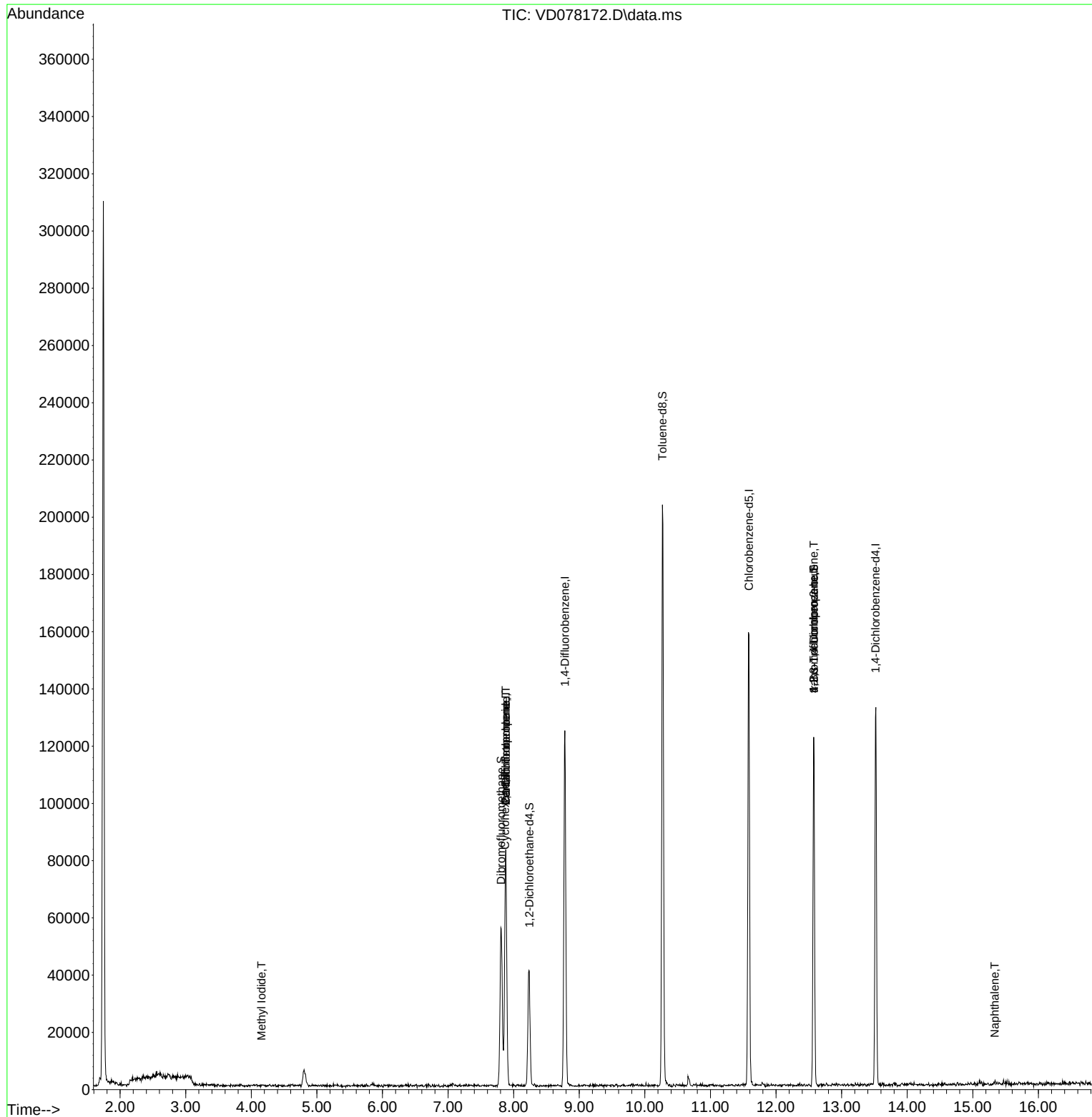
Internal Standards						
1) Pentafluorobenzene	7.881	168	60941	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	111363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	94765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	34293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	31444	49.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.020%
35) Dibromofluoromethane	7.810	113	42036	52.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.269	98	142852	53.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.575	95	37912	40.462	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.920%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	85	1.284	ug/l	# 46
16) Acetone	4.028	43	130	Below Cal	#	32
20) Methylene Chloride	4.810	84	3755	Below Cal	#	76
31) Cyclohexane	7.869	56	1304	1.343	ug/l	# 55
36) 1,1-Dichloropropene	7.881	75	5605	5.172	ug/l	# 46
38) Carbon Tetrachloride	7.881	117	6438	5.158	ug/l	# 16
76) 1,2,3-Trichloropropane	12.575	75	19582	57.999	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	19582	129.253	ug/l	# 17
95) Naphthalene	15.333	128	1288	1.047	ug/l	# 69

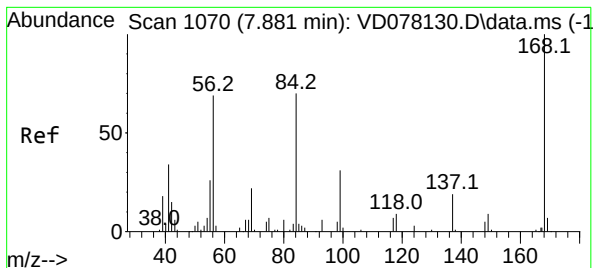
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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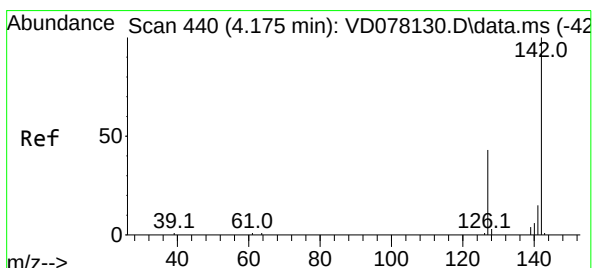
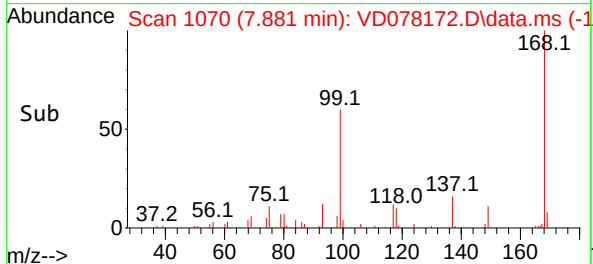
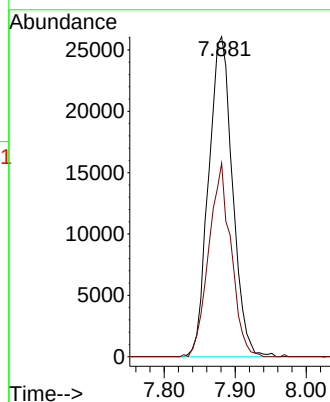
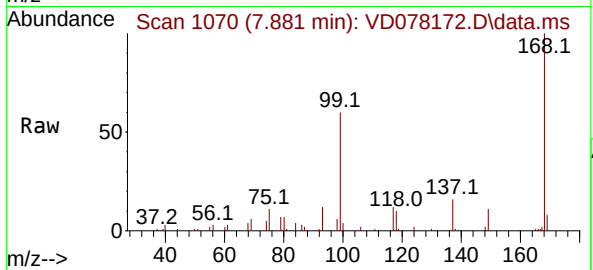




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

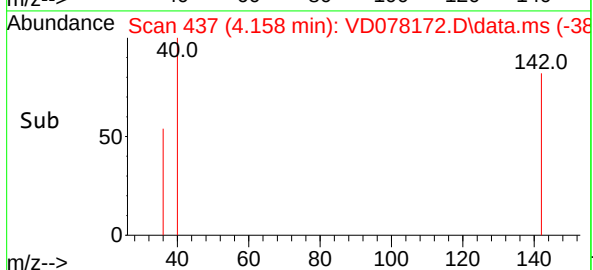
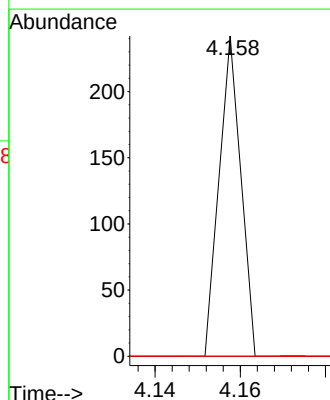
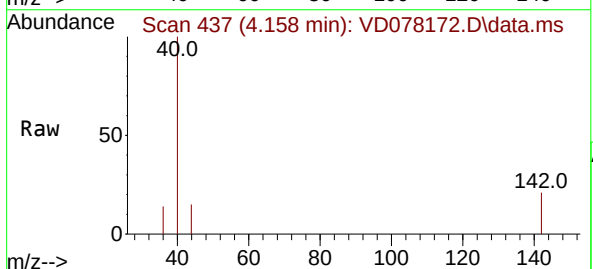
Instrument :
MSVOA_D
ClientSampleId :
S1-TOTAL-VOC-GRAB-8

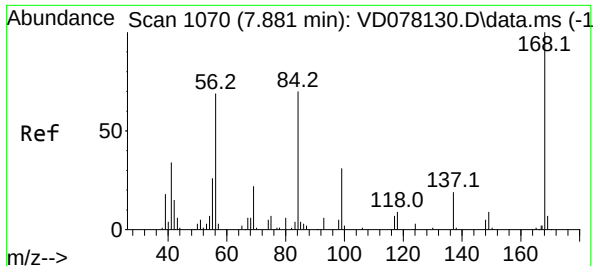
Tgt Ion:168 Resp: 60941
Ion Ratio Lower Upper
168 100
99 60.5 36.7 55.1#



#10
Methyl Iodide
Concen: 1.284 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.017 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
127 0.0 29.4 44.0#
141 0.0 11.1 16.7#

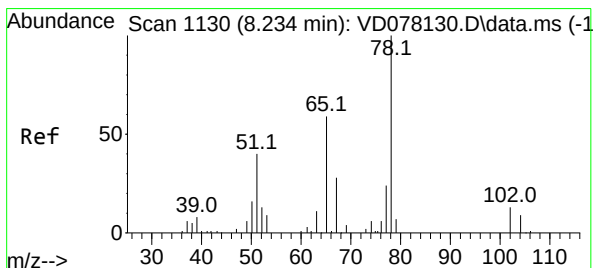
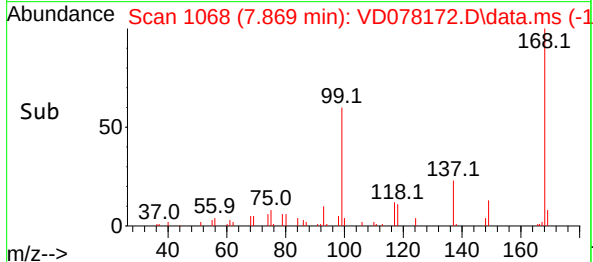
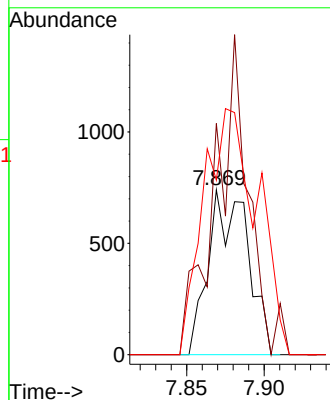
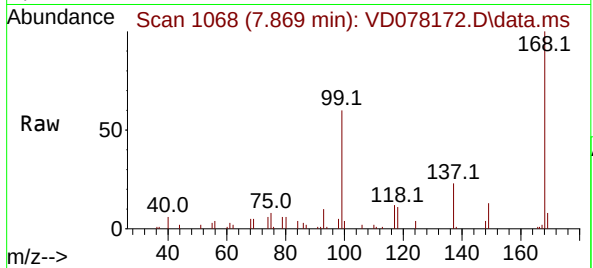




#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

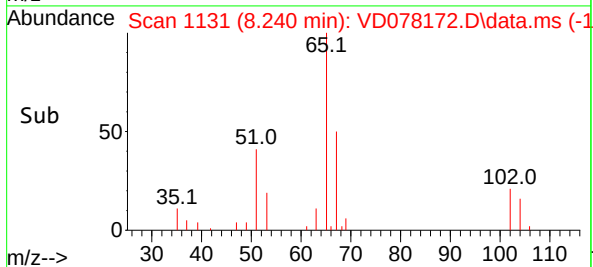
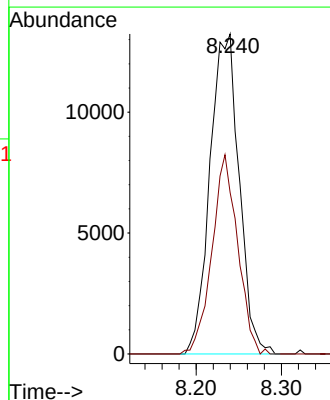
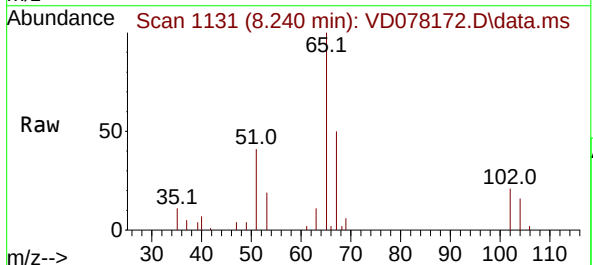
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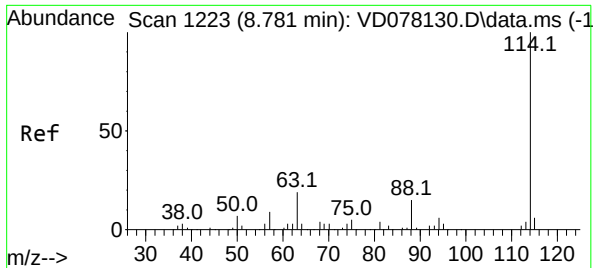
Tgt Ion: 56 Resp: 1304
Ion Ratio Lower Upper
56 100
69 140.3 28.6 43.0#
84 105.9 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 49.011 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

Tgt Ion: 65 Resp: 31444
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0

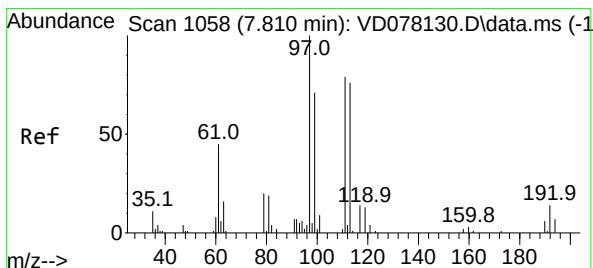
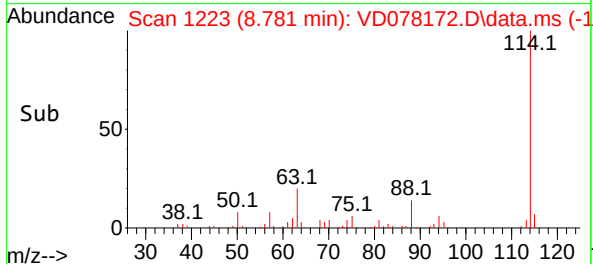
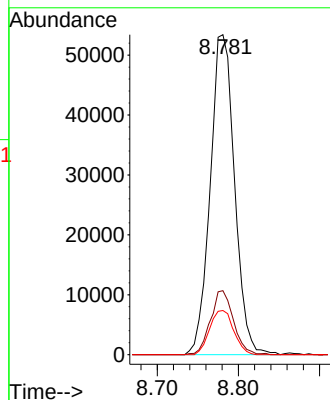
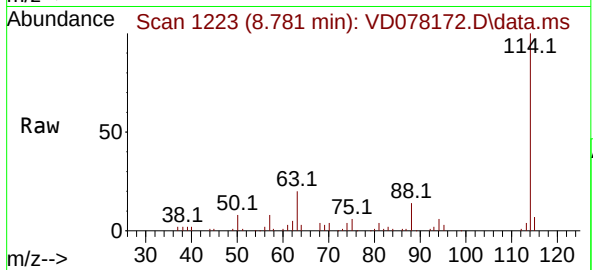




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 111363
Delta R.T. -0.000 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

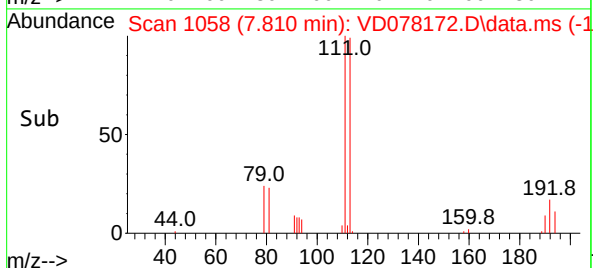
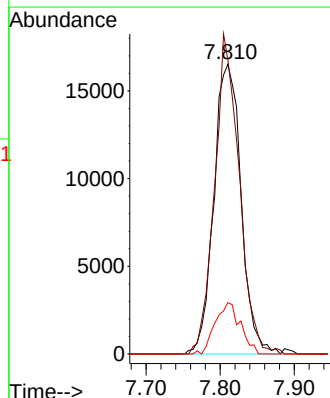
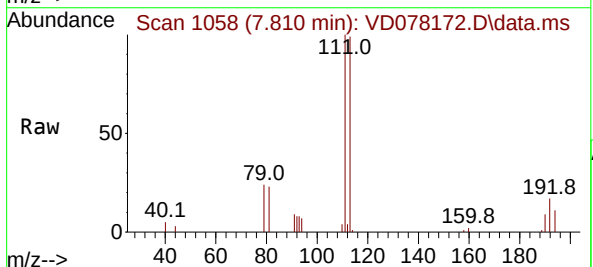
Instrument :
MSVOA_D
ClientSampleId :
S1-TOTAL-VOC-GRAB-8

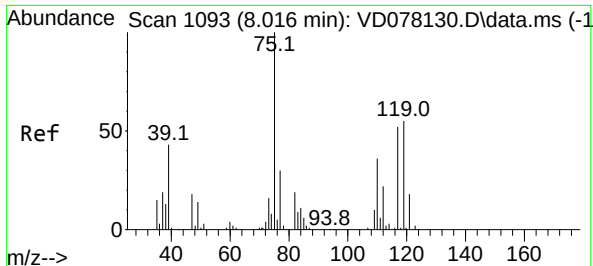
Tgt Ion:114 Resp: 111363
Ion Ratio Lower Upper
114 100
63 20.0 0.0 33.4
88 13.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.375 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

Tgt Ion:113 Resp: 42036
Ion Ratio Lower Upper
113 100
111 100.2 84.7 127.1
192 16.4 16.8 25.2#

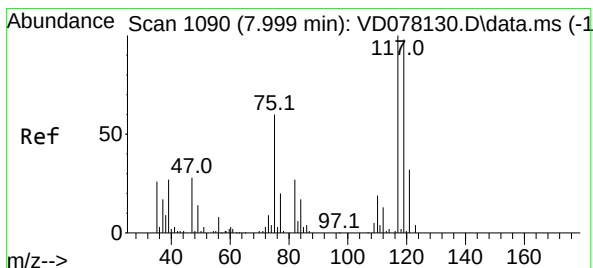
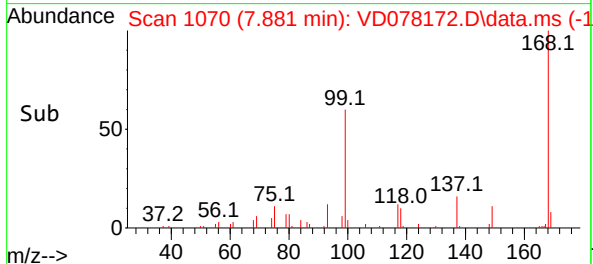
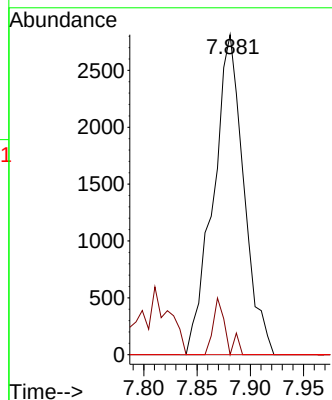
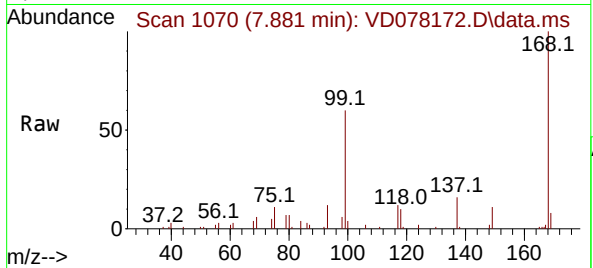




#36
1,1-Dichloropropene
Concen: 5.172 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

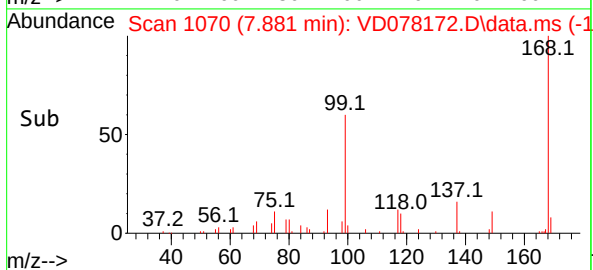
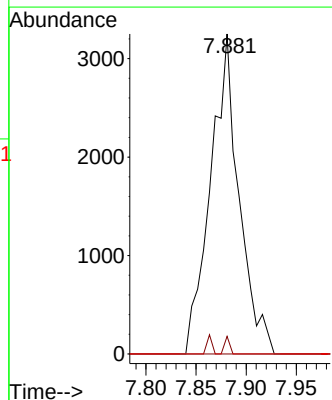
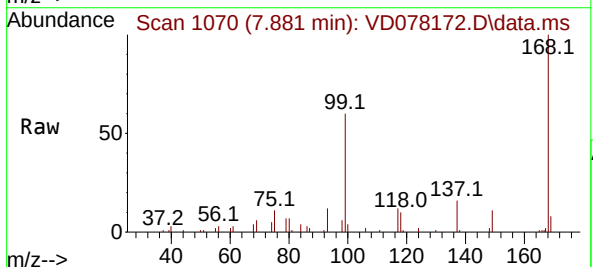
Instrument :
MSVOA_D
ClientSampleId :
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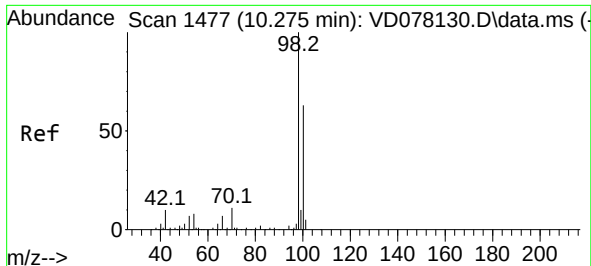
Tgt Ion: 75 Resp: 5605
Ion Ratio Lower Upper
75 100
110 7.4 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.158 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.118 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

Tgt Ion: 117 Resp: 6438
Ion Ratio Lower Upper
117 100
119 5.5 78.0 117.0#
121 0.0 24.2 36.2#

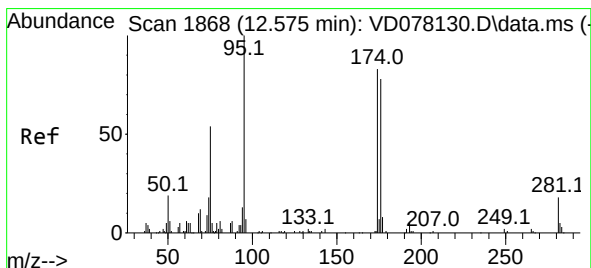
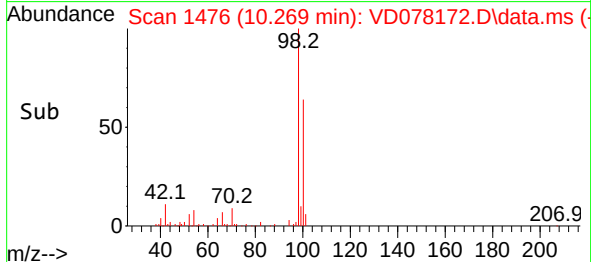
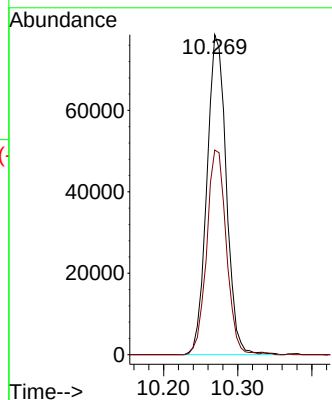
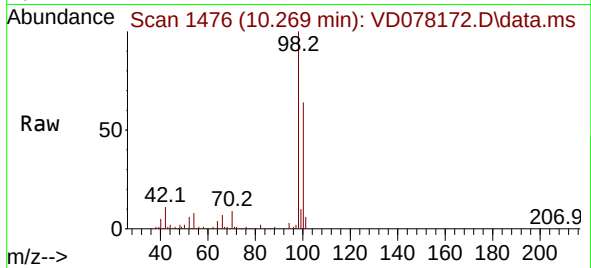




#50
Toluene-d8
Concen: 53.072 ug/l
RT: 10.269 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

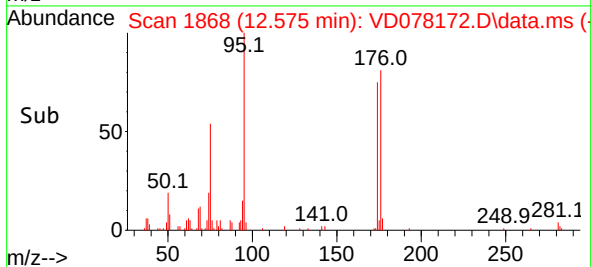
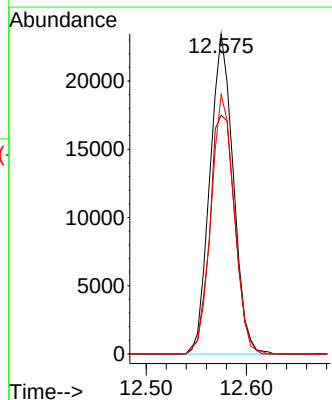
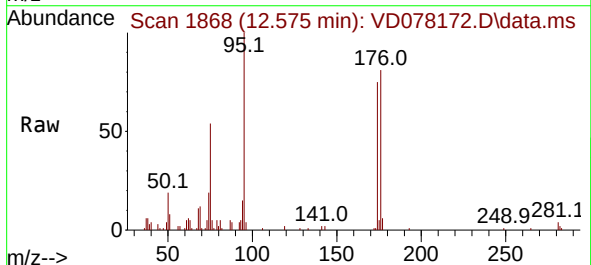
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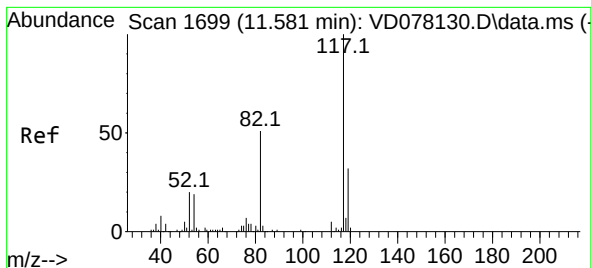
Tgt Ion: 98 Resp: 142852
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.462 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

Tgt Ion: 95 Resp: 37912
Ion Ratio Lower Upper
95 100
174 80.4 0.0 201.8
176 80.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078172.D

Acq: 16 Jan 2024 17:27

Instrument :

MSVOA_D

ClientSampleId :

S1-TOTAL-VOC-GRAB-8

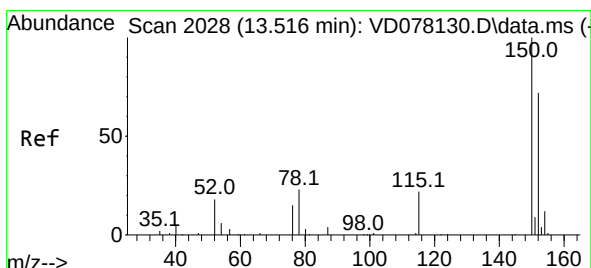
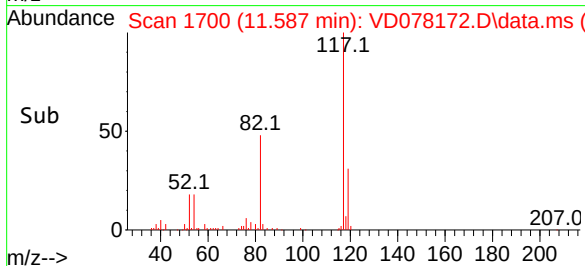
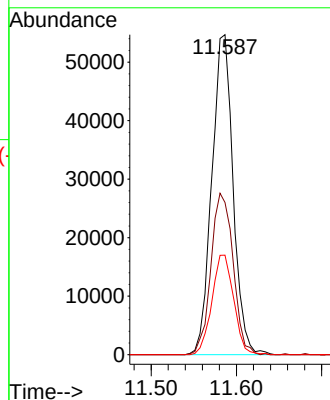
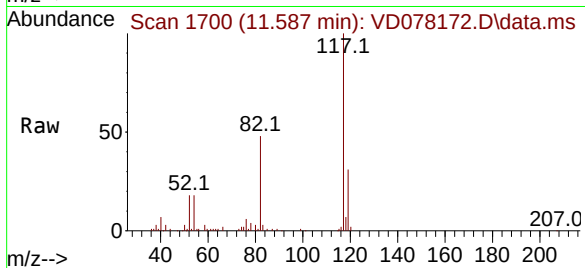
Tgt Ion:117 Resp: 94765

Ion Ratio Lower Upper

117 100

82 47.5 38.3 57.5

119 31.1 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078172.D

Acq: 16 Jan 2024 17:27

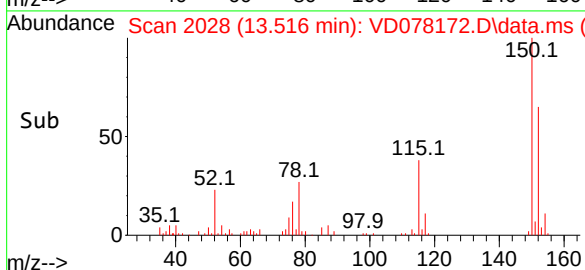
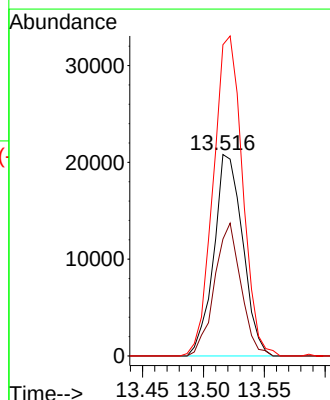
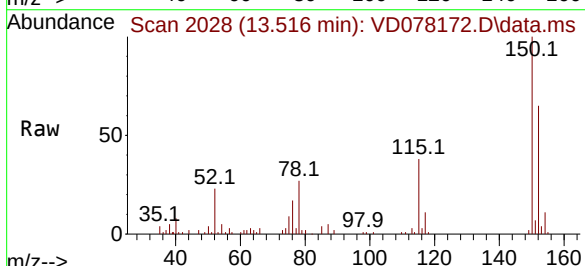
Tgt Ion:152 Resp: 34293

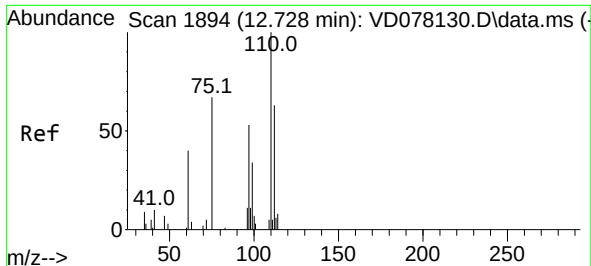
Ion Ratio Lower Upper

152 100

115 60.5 27.1 81.3

150 161.3 0.0 353.6

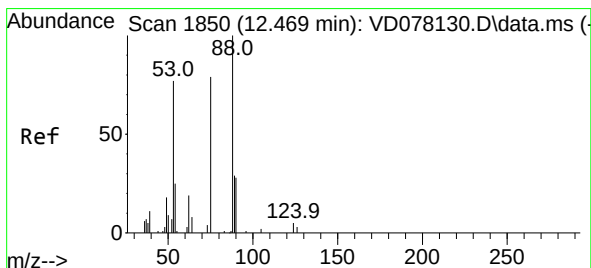
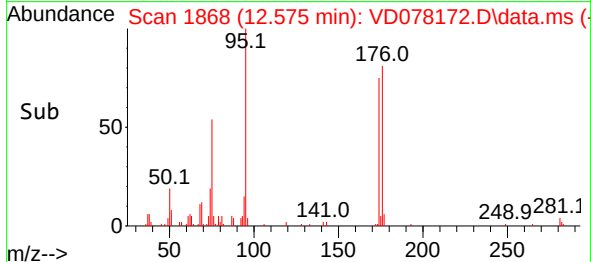
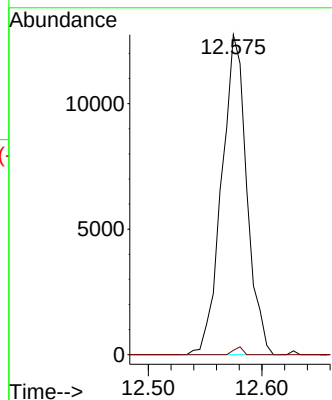
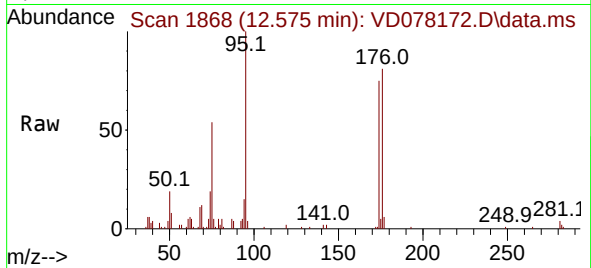




#76
1,2,3-Trichloropropane
Concen: 57.999 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

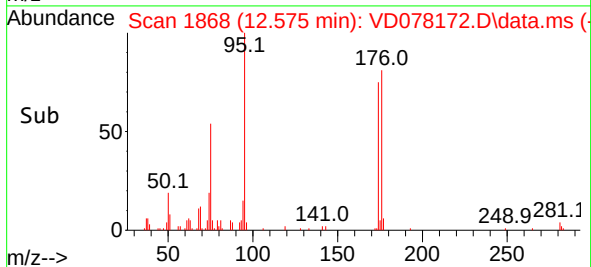
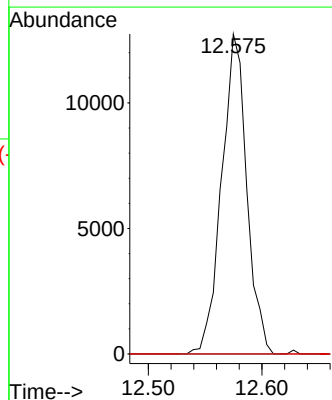
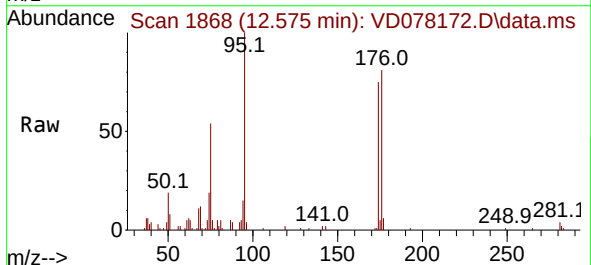
Instrument :
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S1-TOTAL-VOC-GRAB-8

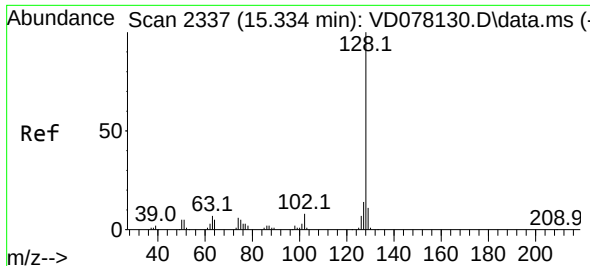
Tgt Ion: 75 Resp: 19582
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.253 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

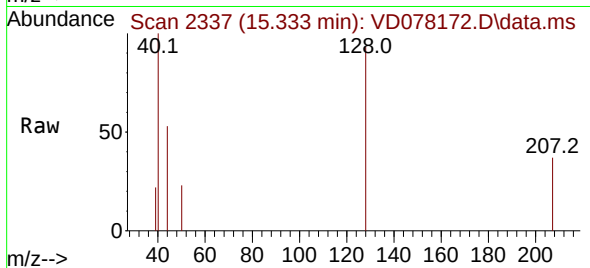
Tgt Ion: 75 Resp: 19582
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.047 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078172.D
Acq: 16 Jan 2024 17:27

Instrument :
MSVOA_D
ClientSampleId :
S1-TOTAL-VOC-GRAB-8



Tgt Ion:128 Resp: 1288
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

