

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079460.D
 Acq On : 30 Jul 2024 15:53
 Operator : RP/MD
 Sample : P3341-01RE
 Misc : 5.10G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-072324RE

Quant Time: Jul 31 01:54:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

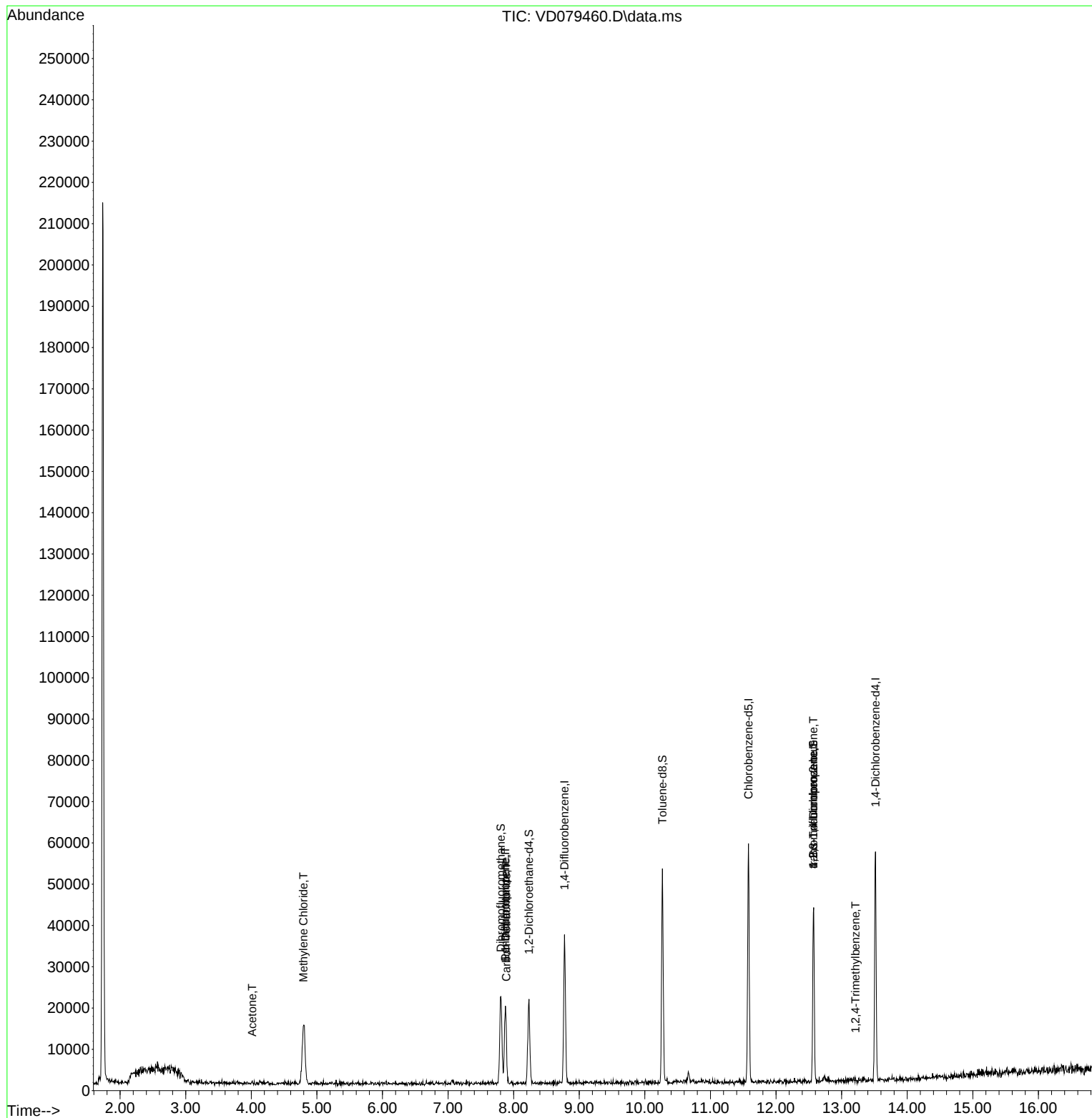
Internal Standards						
1) Pentafluorobenzene	7.875	168	15749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15205	95.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.060%#	
35) Dibromofluoromethane	7.804	113	15654	72.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 145.480%	
50) Toluene-d8	10.269	98	35694	42.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.420%	
62) 4-Bromofluorobenzene	12.569	95	12690	52.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	370	Below Cal	#	70
16) Acetone	4.016	43	78	2.509	ug/l #	37
20) Methylene Chloride	4.793	84	12131	53.682	ug/l	89
36) 1,1-Dichloropropene	7.875	75	1393	4.742	ug/l #	39
38) Carbon Tetrachloride	7.887	117	1231	3.987	ug/l #	13
76) 1,2,3-Trichloropropane	12.569	75	6040	42.377	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	6040	80.824	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.210	105	67	3.490	ug/l #	29

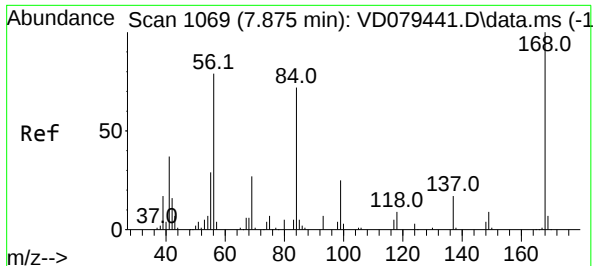
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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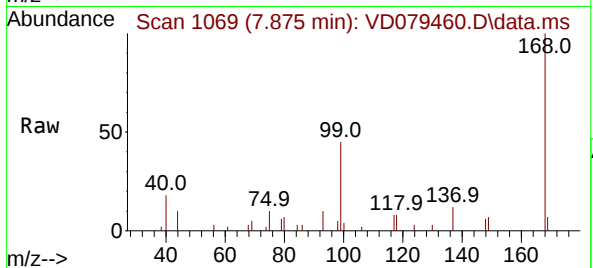
Quant Time: Jul 31 01:54:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



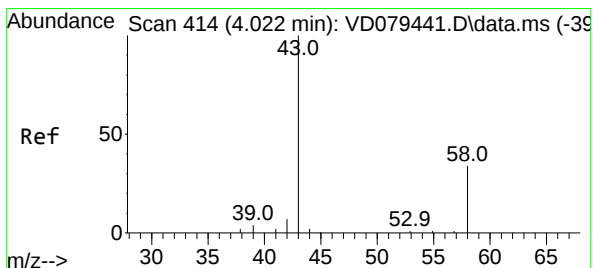
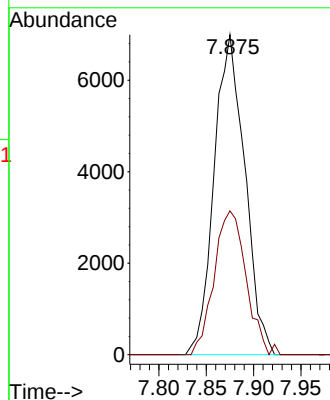
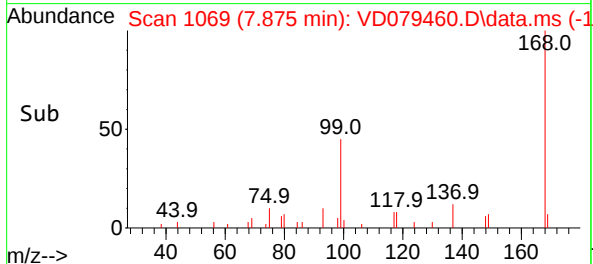


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324RE

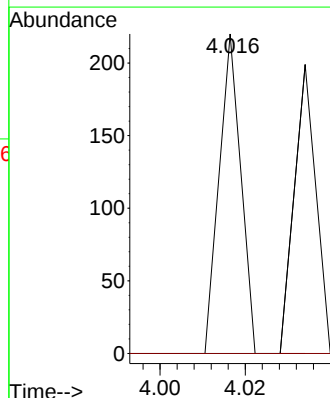
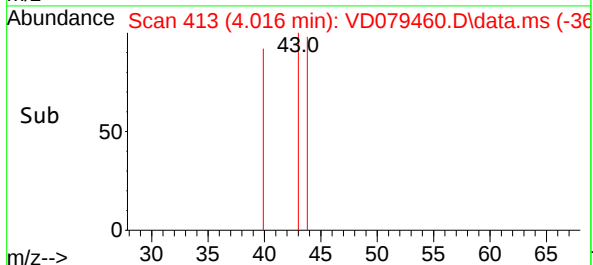
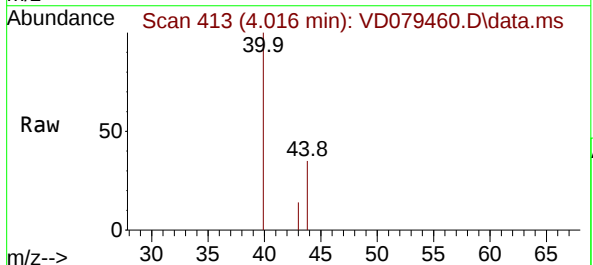


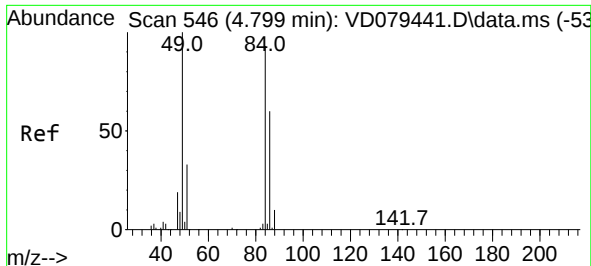
Tgt Ion:168 Resp: 15749
Ion Ratio Lower Upper
168 100
99 44.9 41.1 61.7



#16
Acetone
Concen: 2.509 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

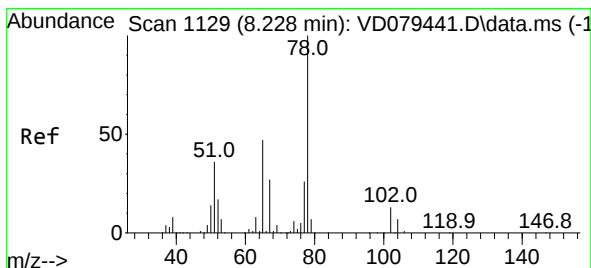
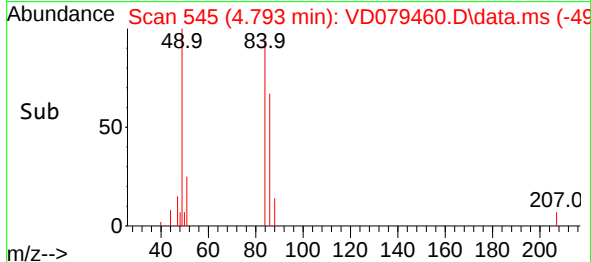
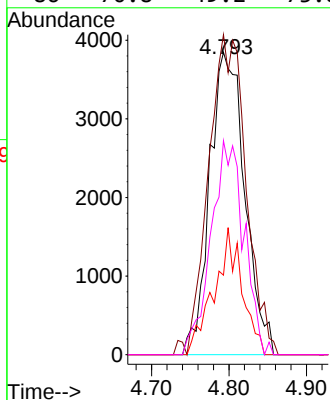
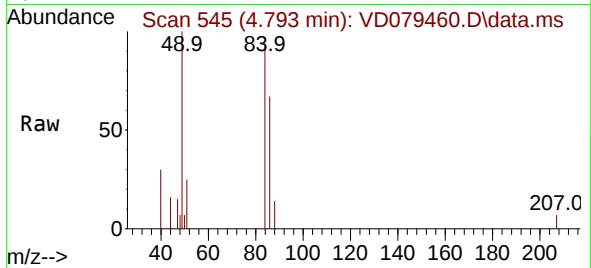




#20
Methylene Chloride
Concen: 53.682 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

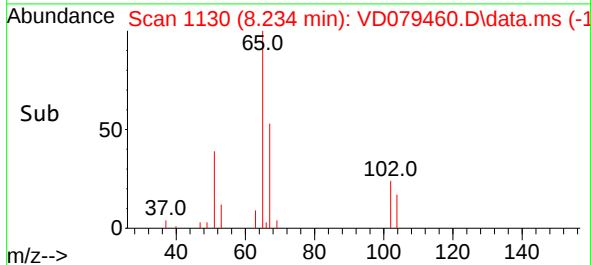
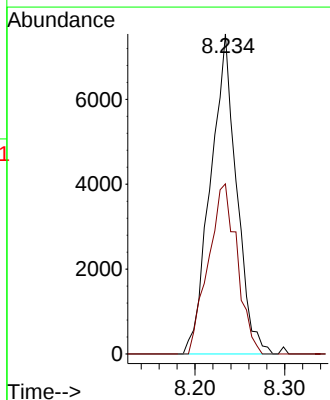
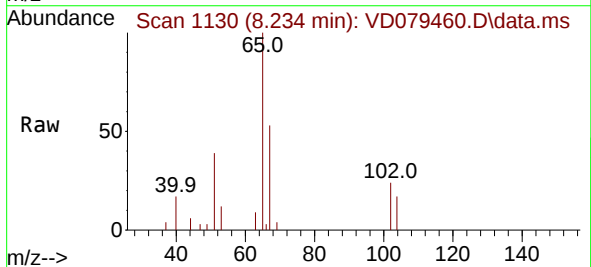
Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324RE

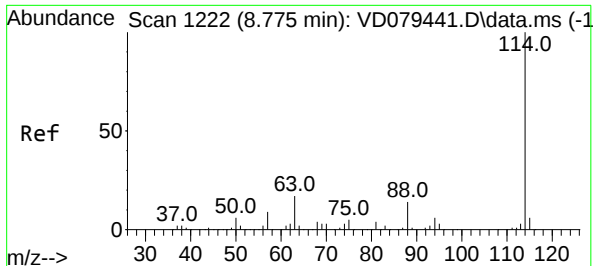
Tgt Ion:	84	Resp:	12131
Ion	Ratio	Lower	Upper
84	100		
49	105.8	75.6	113.4
51	26.3	24.2	36.2
86	70.8	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 95.034 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Tgt Ion:	65	Resp:	15205
Ion	Ratio	Lower	Upper
65	100		
67	58.6	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: VD079460.D

Acq: 30 Jul 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

AU-05-072324RE

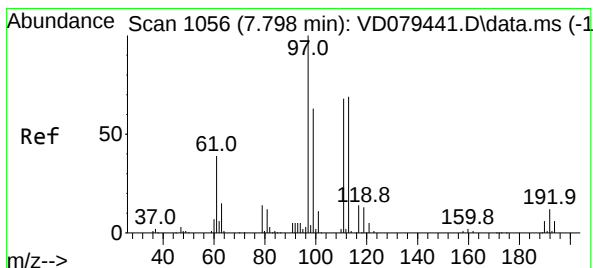
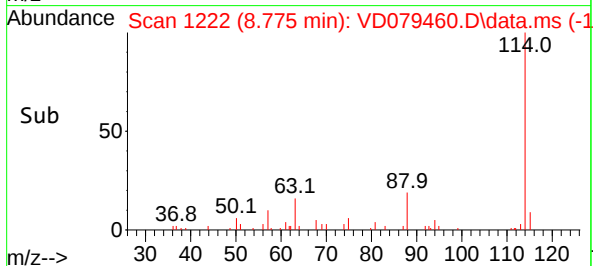
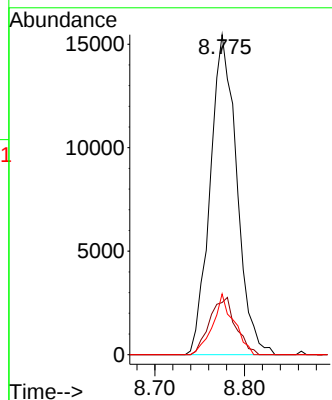
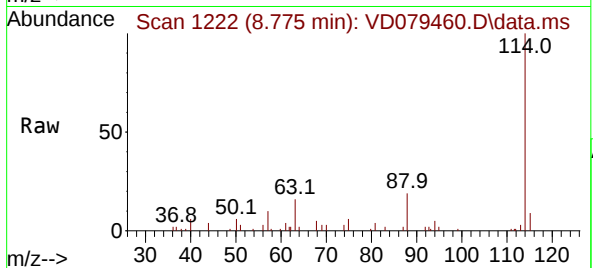
Tgt Ion:114 Resp: 31795

Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.0

88 19.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 72.741 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079460.D

Acq: 30 Jul 2024 15:53

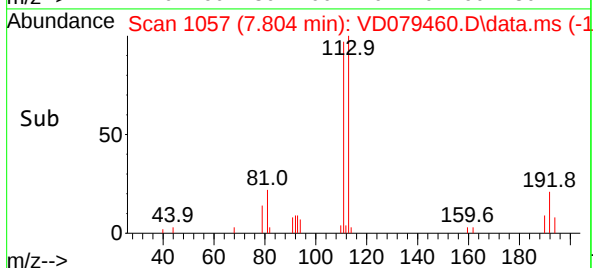
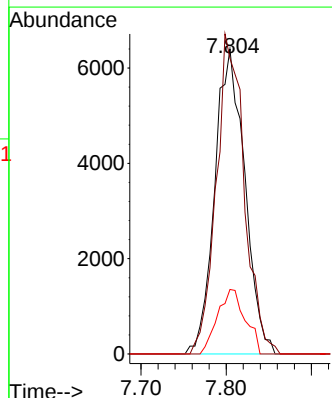
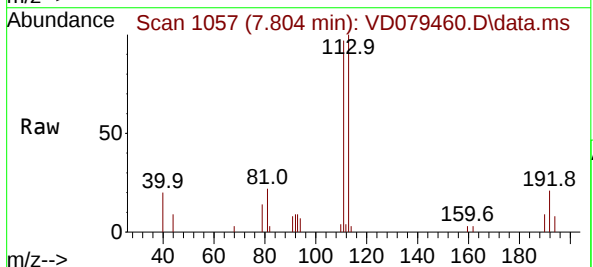
Tgt Ion:113 Resp: 15654

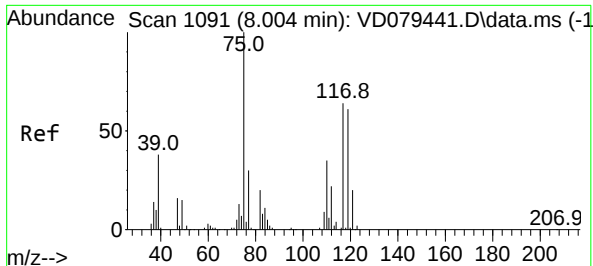
Ion Ratio Lower Upper

113 100

111 98.0 84.0 126.0

192 19.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.742 ug/l

RT: 7.875 min Scan# 1071

Delta R.T. -0.135 min

Lab File: VD079460.D

Acq: 30 Jul 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

AU-05-072324RE

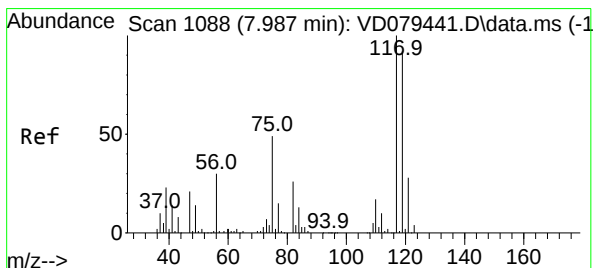
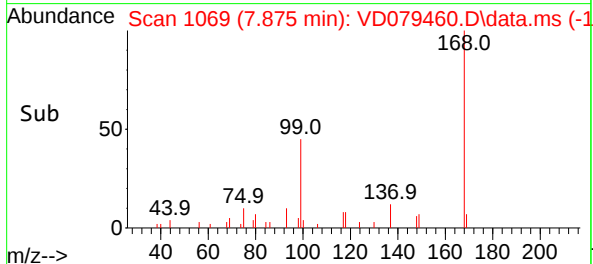
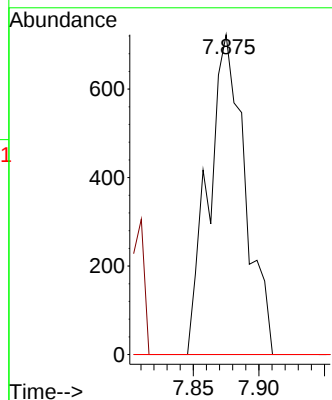
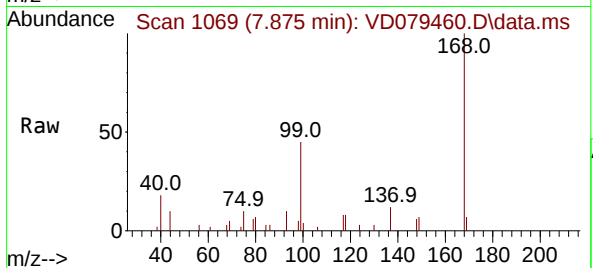
Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

75 100

110 0.0 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 3.987 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.100 min

Lab File: VD079460.D

Acq: 30 Jul 2024 15:53

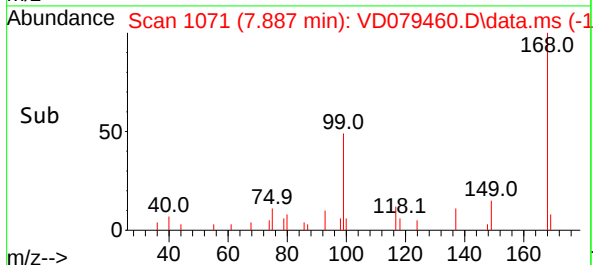
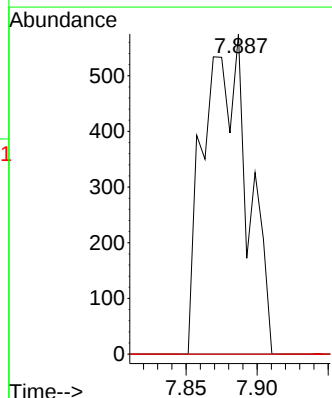
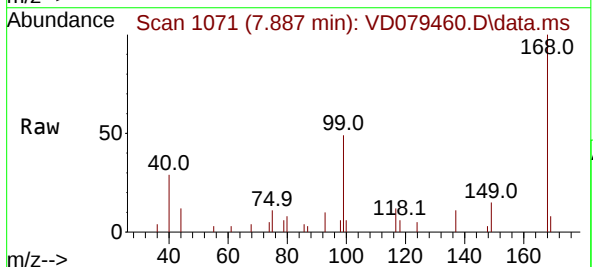
Tgt Ion: 117 Resp: 1231

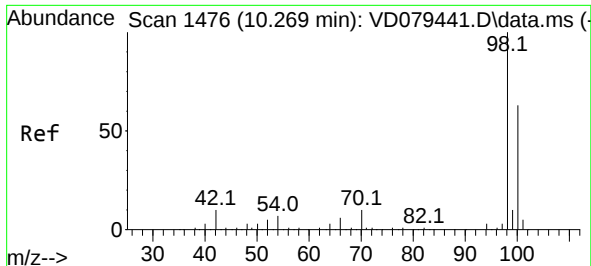
Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.0#

121 0.0 25.0 37.4#

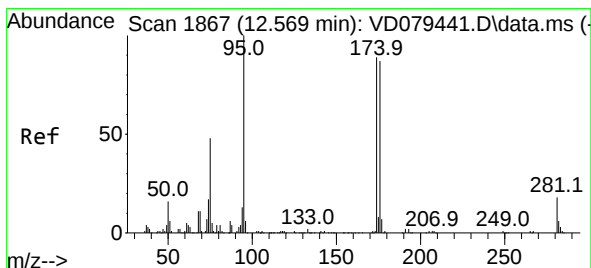
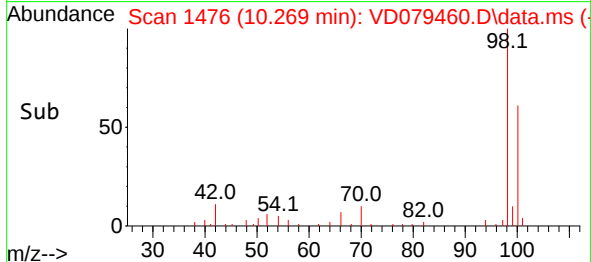
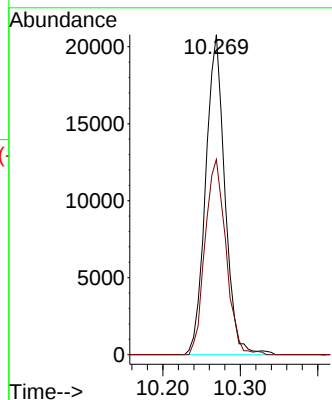
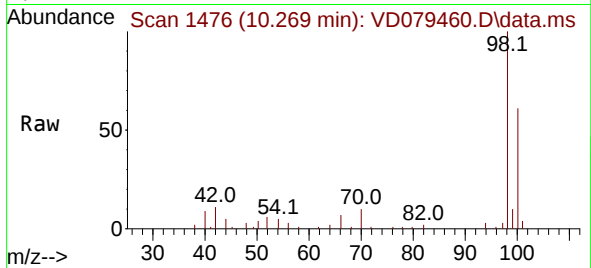




#50
Toluene-d8
Concen: 42.711 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

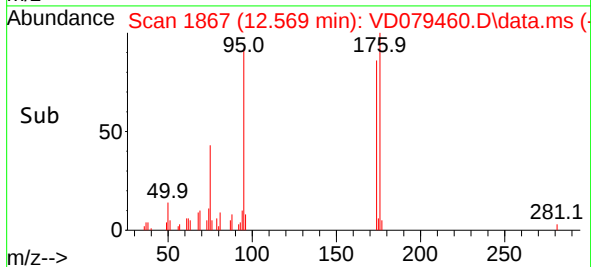
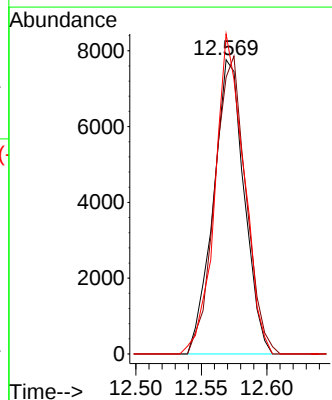
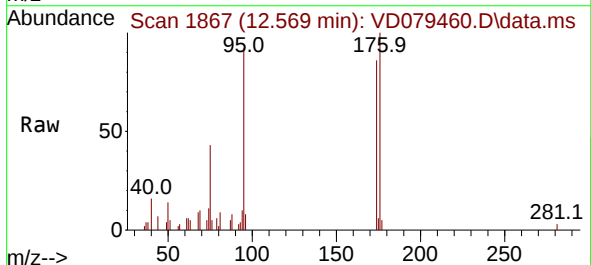
Instrument :
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ClientSampleId :
AU-05-072324RE

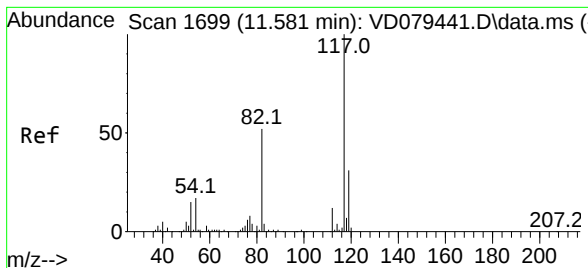
Tgt Ion: 98 Resp: 35694
Ion Ratio Lower Upper
98 100
100 66.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 52.473 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Tgt Ion: 95 Resp: 12690
Ion Ratio Lower Upper
95 100
174 102.0 0.0 195.4
176 102.2 0.0 192.6

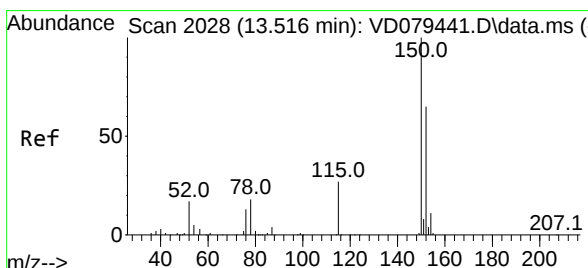
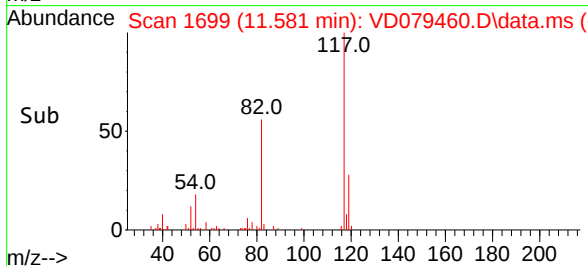
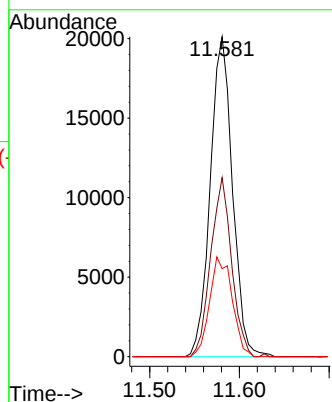
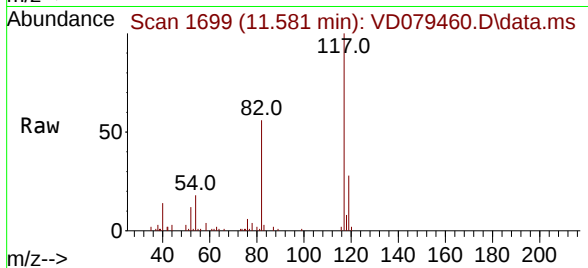




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

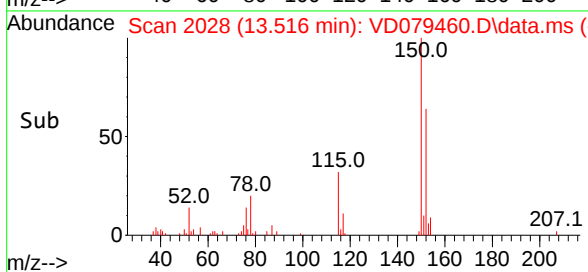
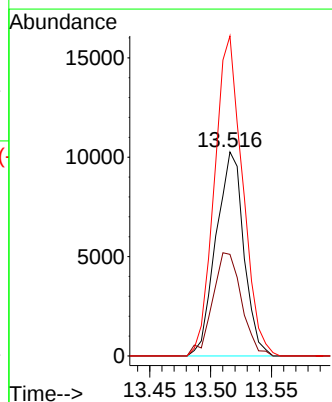
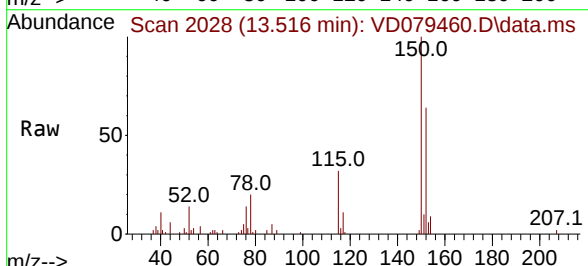
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MSVOA_D
ClientSampleId :
AU-05-072324RE

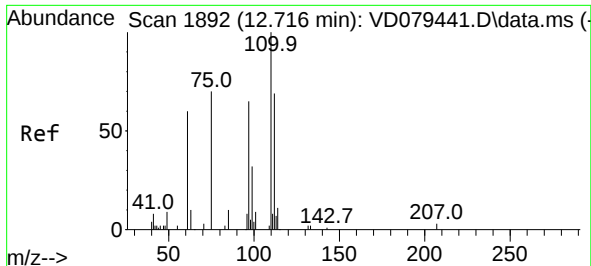
Tgt Ion:117 Resp: 34634
Ion Ratio Lower Upper
117 100
82 55.9 39.8 59.6
119 27.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Tgt Ion:152 Resp: 16306
Ion Ratio Lower Upper
152 100
115 52.5 26.5 79.5
150 158.3 0.0 341.6

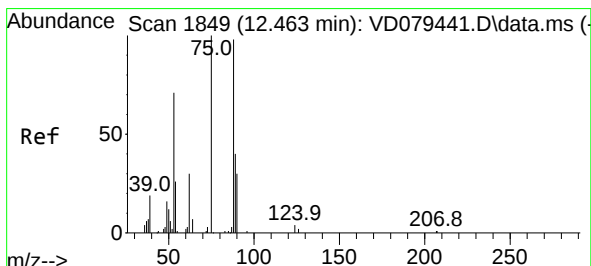
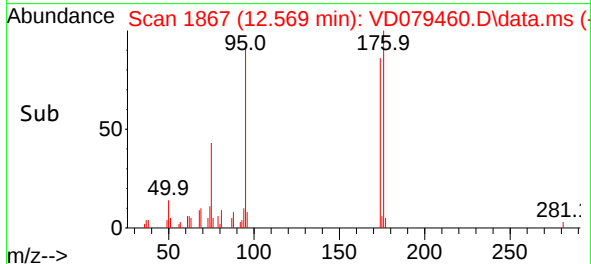
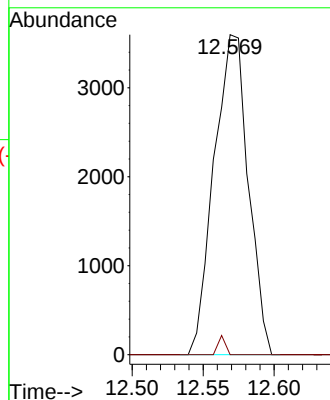
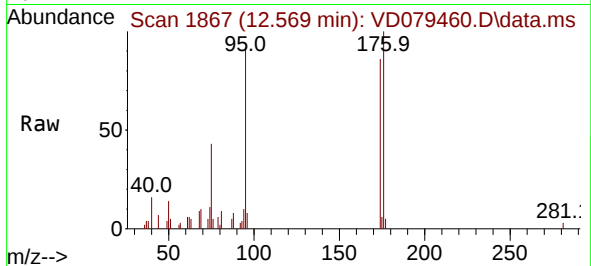




#76
1,2,3-Trichloropropane
Concen: 42.377 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

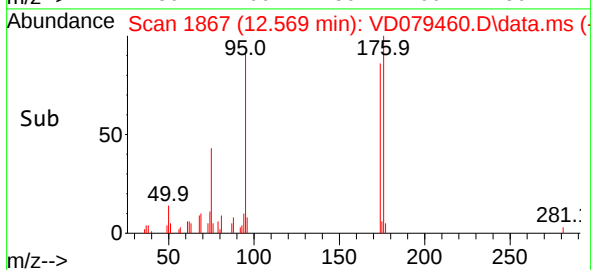
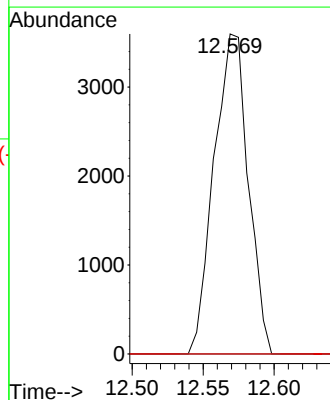
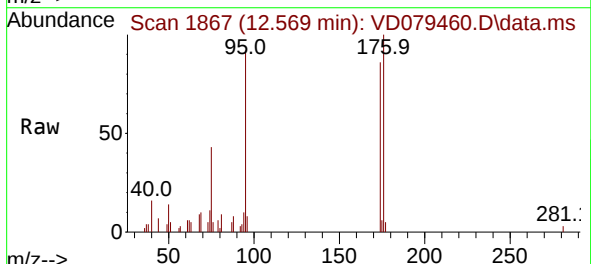
Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324RE

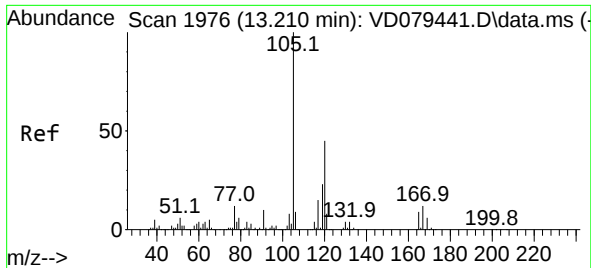
Tgt Ion: 75 Resp: 6040
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.824 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Tgt Ion: 75 Resp: 6040
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#





#84
 1,2,4-Trimethylbenzene
 Concen: 3.490 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VD079460.D
 Acq: 30 Jul 2024 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-072324RE

Tgt Ion:105 Resp: 67
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.6 71.0#

