

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078159.D
 Acq On : 15 Jan 2024 13:01
 Operator : RP/MD
 Sample : P1136-03
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 16 00:34:55 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)

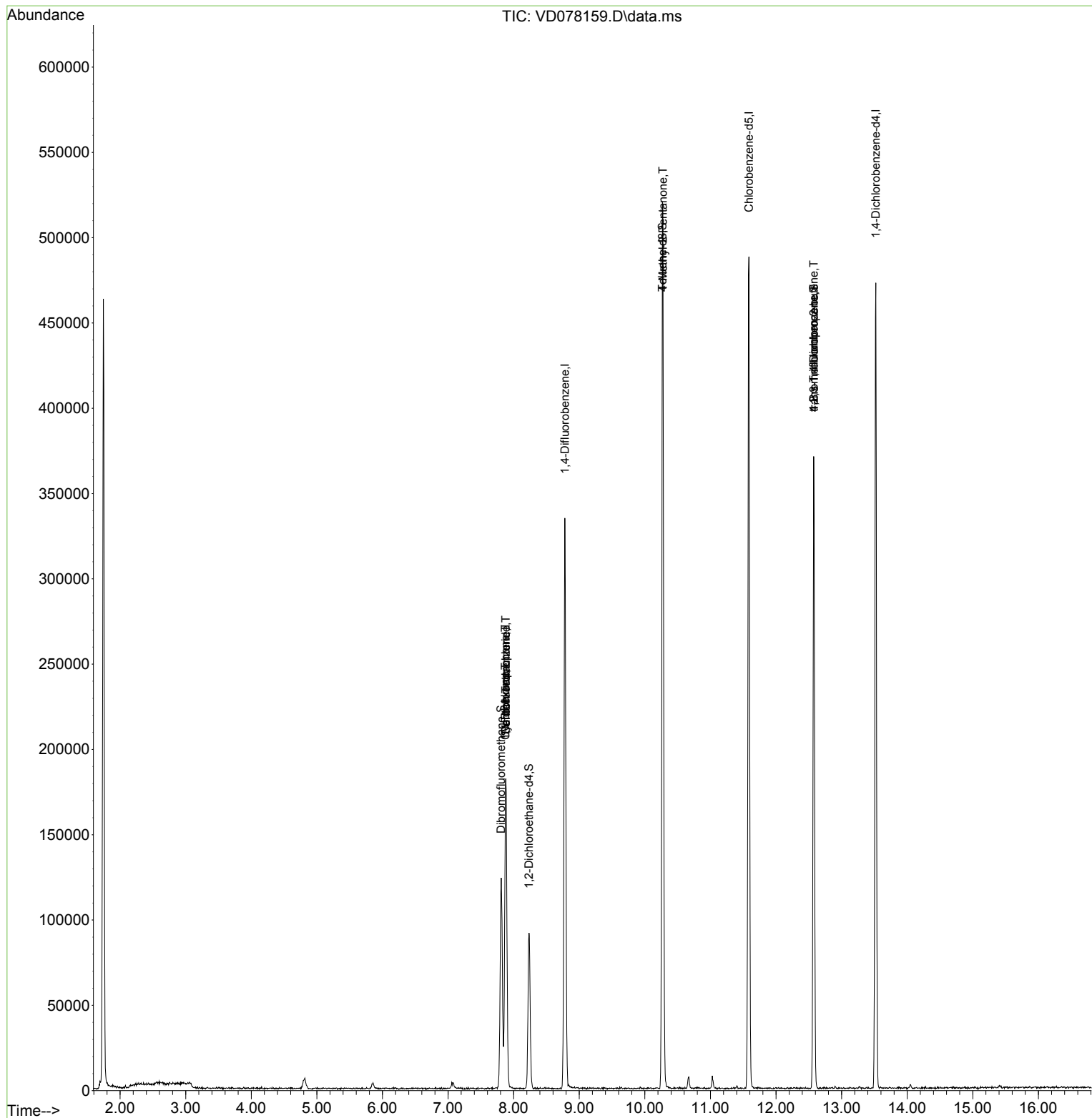
Internal Standards						
1) Pentafluorobenzene	7.881	168	141286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	284214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	124661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	72665	48.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.810	113	90540	43.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.340%
50) Toluene-d8	10.269	98	363479	52.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.574	95	106905	44.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	55	Below Cal	#	43
16) Acetone	4.016	43	78	Below Cal	#	32
20) Methylene Chloride	4.804	84	2766	Below Cal	#	86
31) Cyclohexane	7.875	56	3447	1.532	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	11734	4.192	ug/l #	46
38) Carbon Tetrachloride	7.881	117	14935	4.632	ug/l #	15
51) 4-Methyl-2-Pentanone	10.275	43	1461	1.328	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	58531	47.689	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	58531	106.278	ug/l #	17

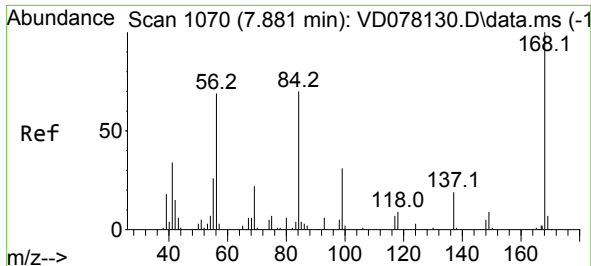
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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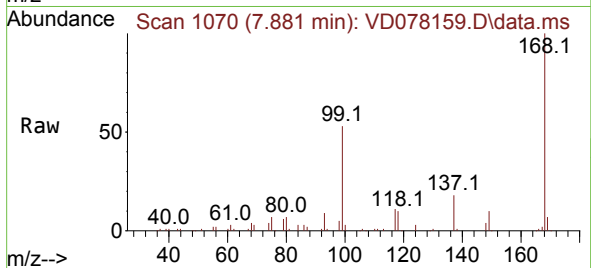
Quant Time: Jan 16 00:34:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration



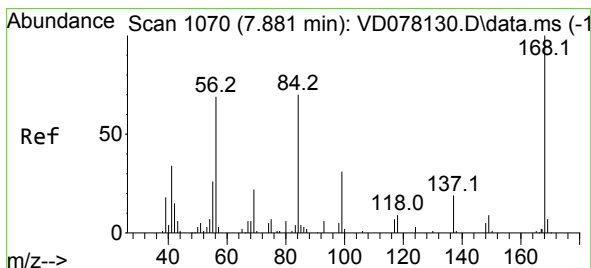
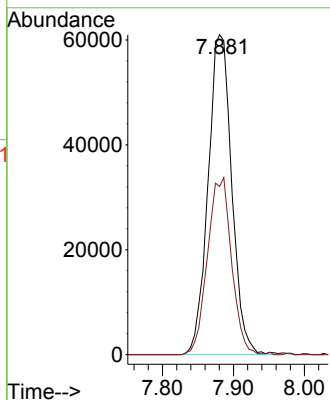
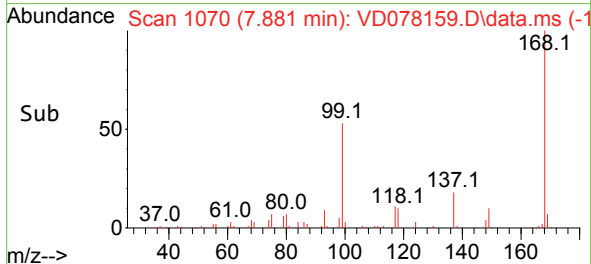


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :

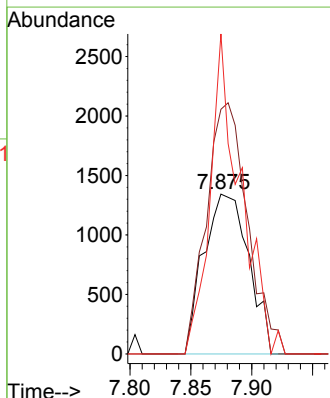
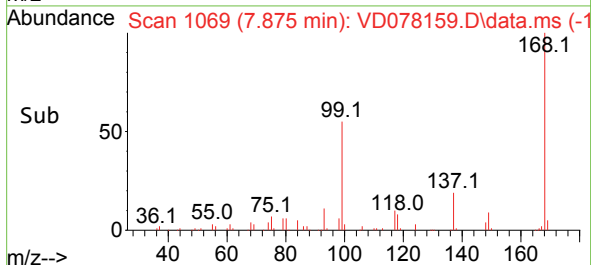
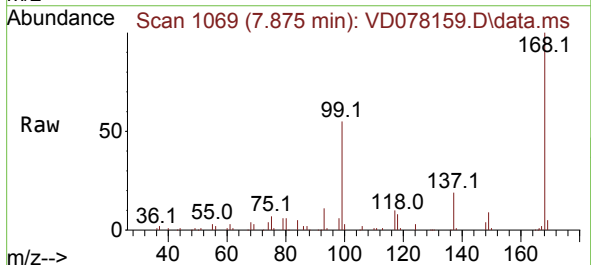


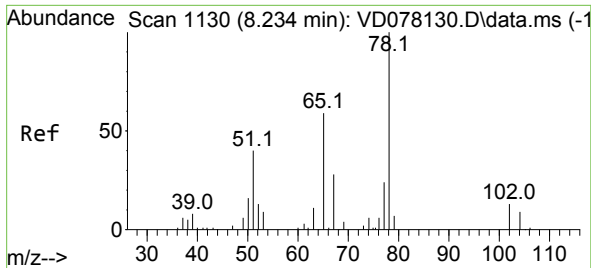
Tgt Ion:168 Resp: 141286
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#31
Cyclohexane
Concen: 1.532 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Tgt Ion: 56 Resp: 3447
Ion Ratio Lower Upper
56 100
69 153.1 28.6 43.0#
84 200.3 84.8 127.2#

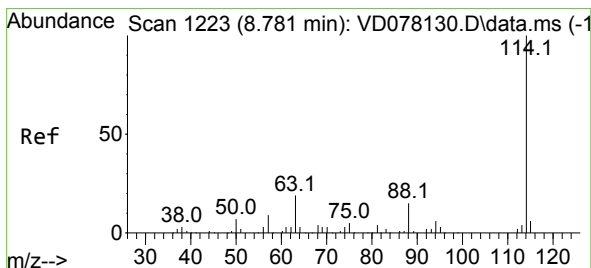
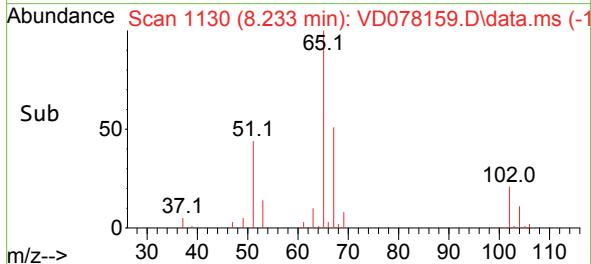
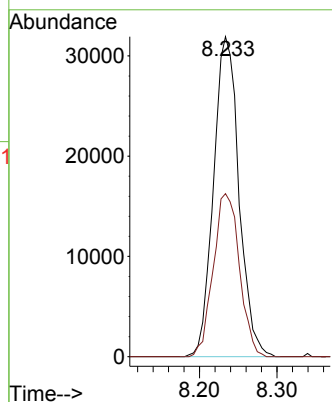
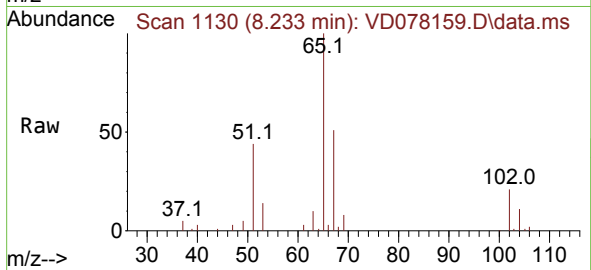




#33
 1,2-Dichloroethane-d4
 Concen: 48.853 ug/l
 RT: 8.233 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD078159.D
 Acq: 15 Jan 2024 13:01

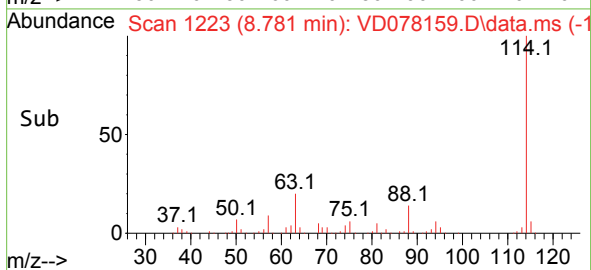
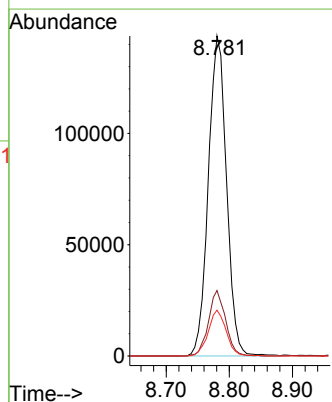
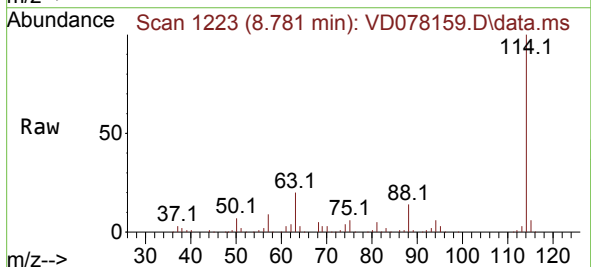
Instrument :
 MSVOA_D
 ClientSampleId :

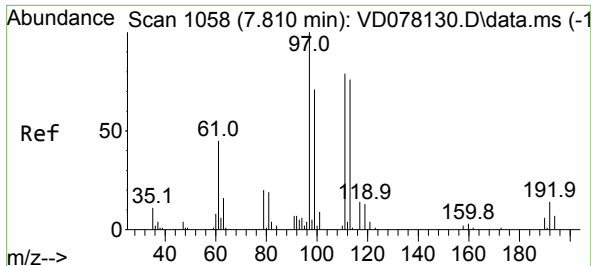
Tgt Ion: 65 Resp: 72665
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078159.D
 Acq: 15 Jan 2024 13:01

Tgt Ion: 114 Resp: 287673
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 33.4
 88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.670 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

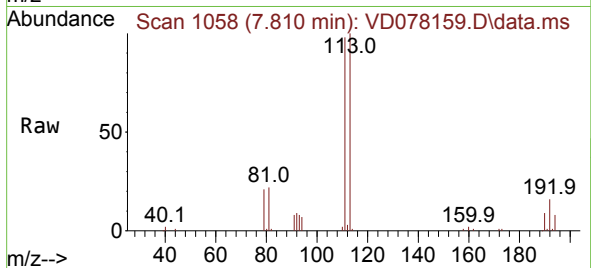
Lab File: VD078159.D

Acq: 15 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :



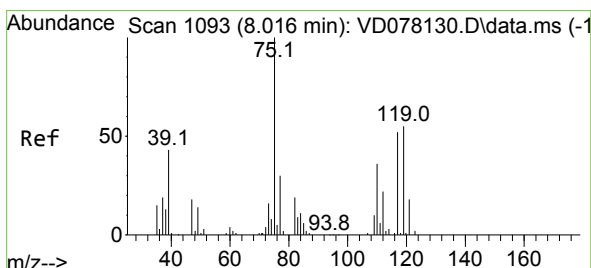
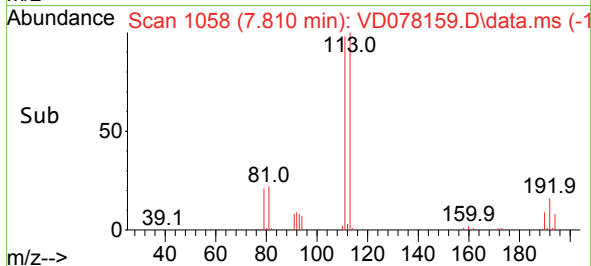
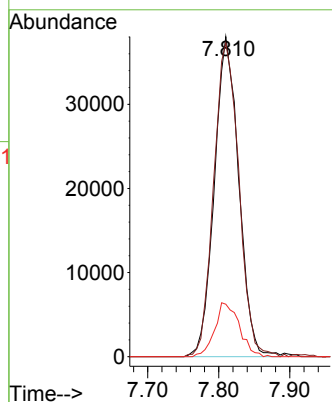
Tgt Ion:113 Resp: 90540

Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 17.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.192 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.142 min

Lab File: VD078159.D

Acq: 15 Jan 2024 13:01

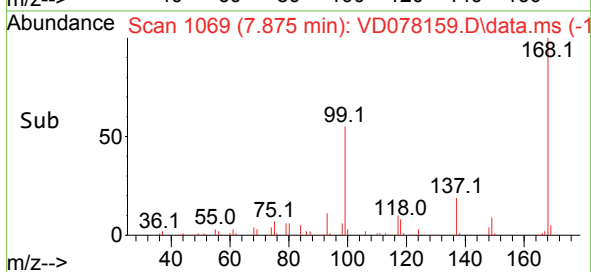
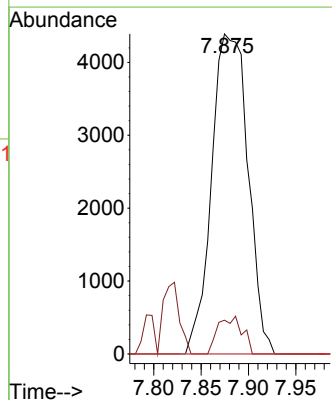
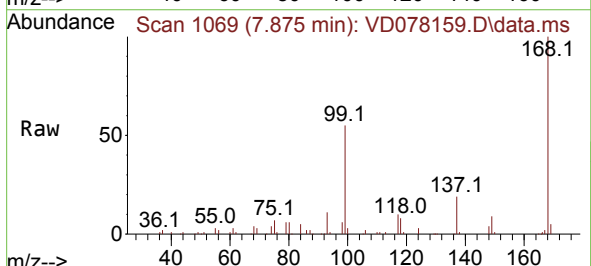
Tgt Ion: 75 Resp: 11734

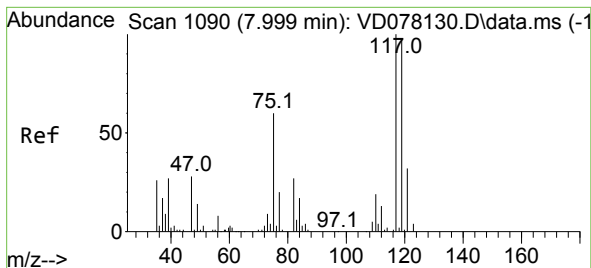
Ion Ratio Lower Upper

75 100

110 7.9 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.632 ug/l

RT: 7.881 min Scan# 1090

Delta R.T. -0.118 min

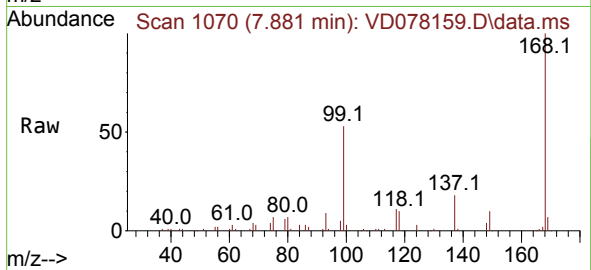
Lab File: VD078159.D

Acq: 15 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :



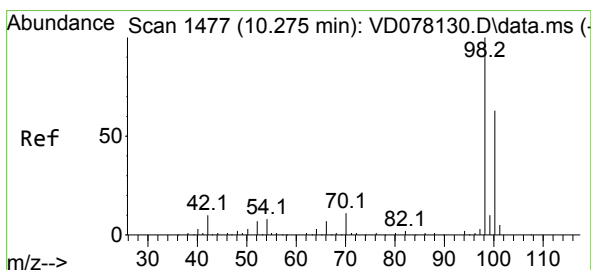
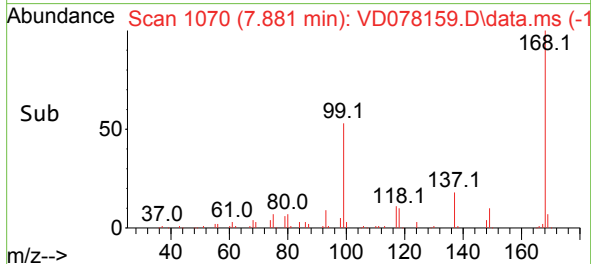
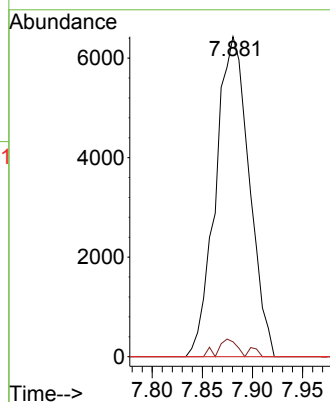
Tgt Ion:117 Resp: 14935

Ion Ratio Lower Upper

117 100

119 4.6 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.276 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078159.D

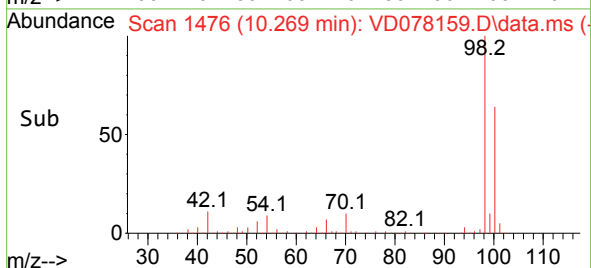
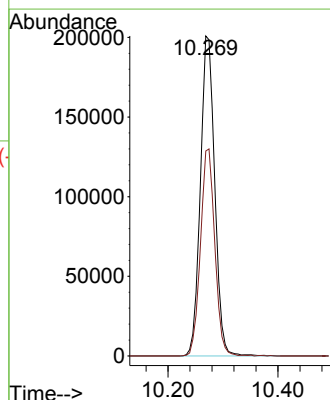
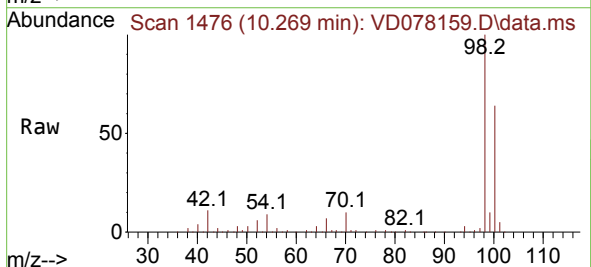
Acq: 15 Jan 2024 13:01

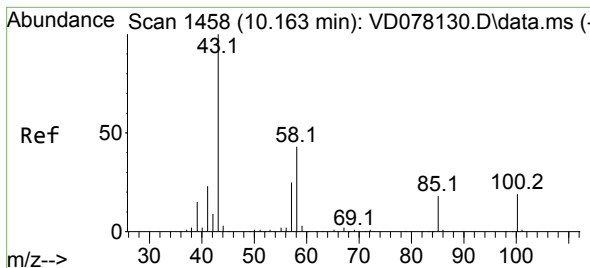
Tgt Ion: 98 Resp: 363479

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

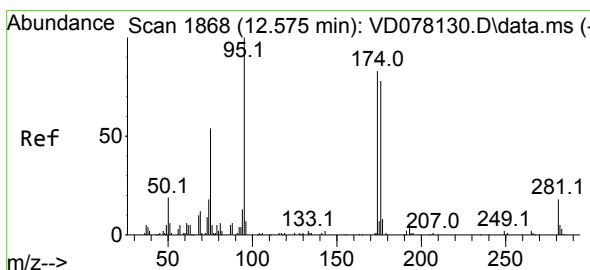
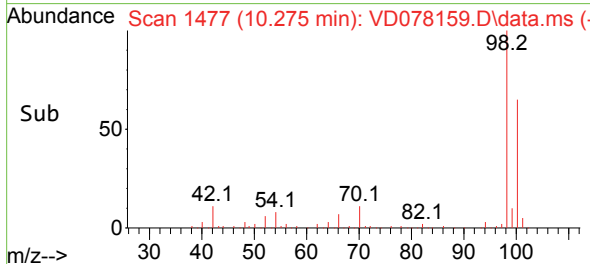
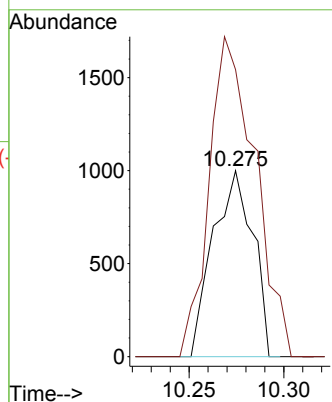
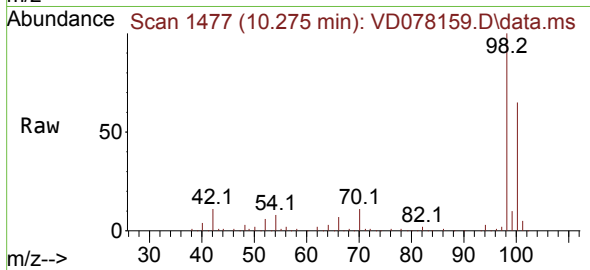




#51
 4-Methyl-2-Pentanone
 Concen: 1.328 ug/l
 RT: 10.275 min Scan# 1458
 Delta R.T. 0.111 min
 Lab File: VD078159.D
 Acq: 15 Jan 2024 13:01

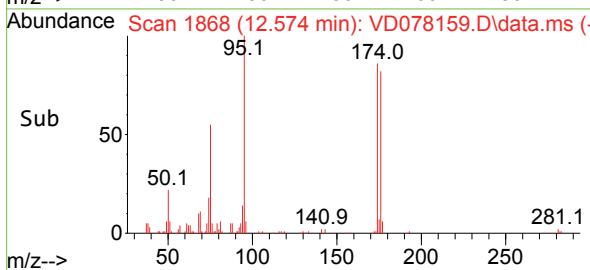
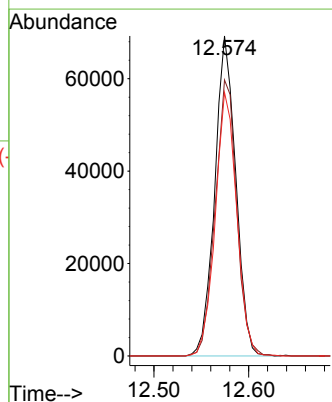
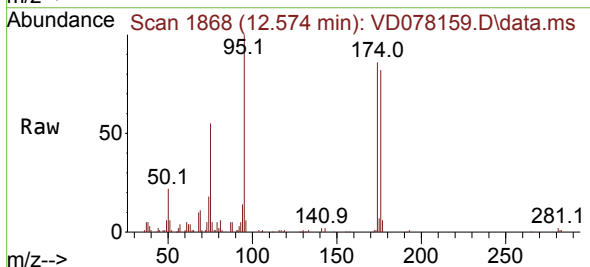
Instrument :
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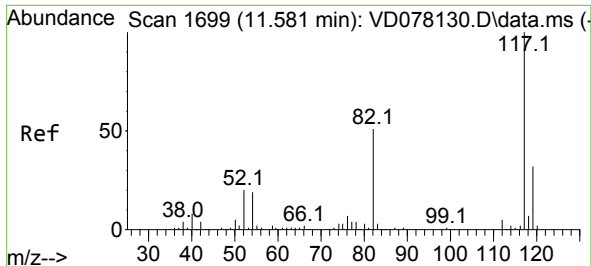
Tgt Ion: 43 Resp: 1461
 Ion Ratio Lower Upper
 43 100
 58 198.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 44.168 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD078159.D
 Acq: 15 Jan 2024 13:01

Tgt Ion: 95 Resp: 106905
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 201.8
 176 83.9 0.0 191.8

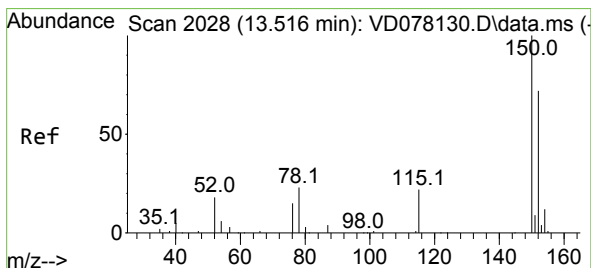
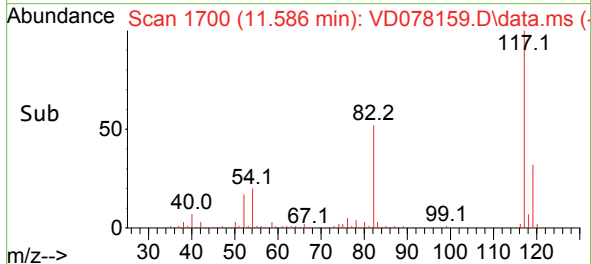
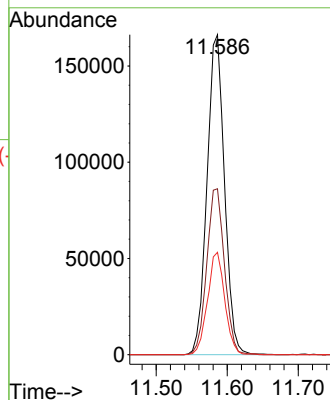
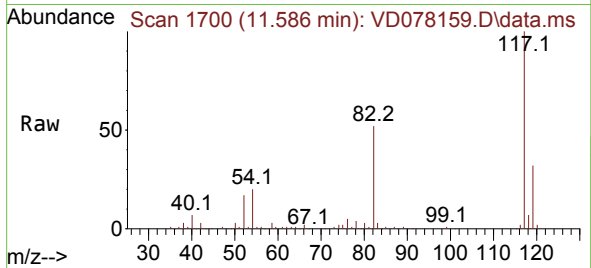




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

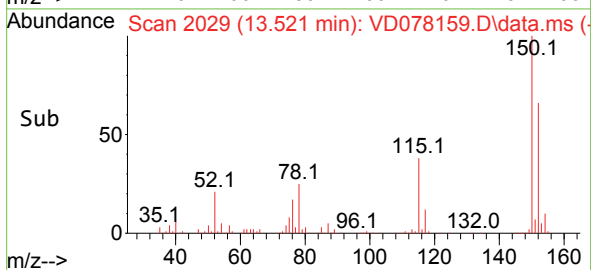
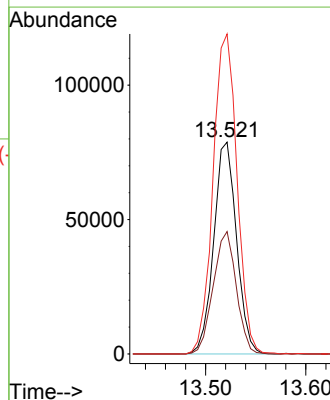
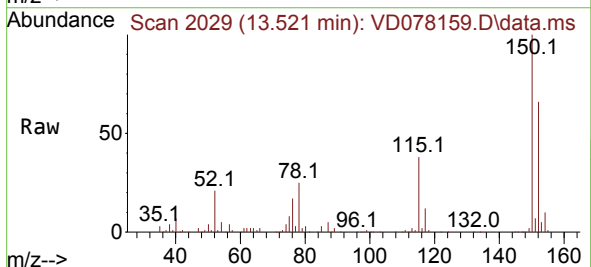
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MSVOA_D
ClientSampleId :

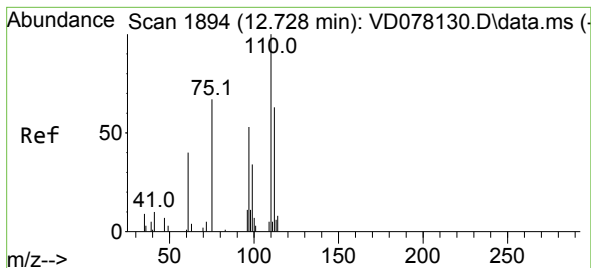
Tgt Ion:117 Resp: 284214
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. 0.005 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Tgt Ion:152 Resp: 124661
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 158.5 0.0 353.6

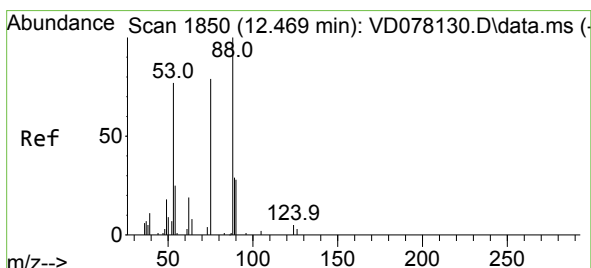
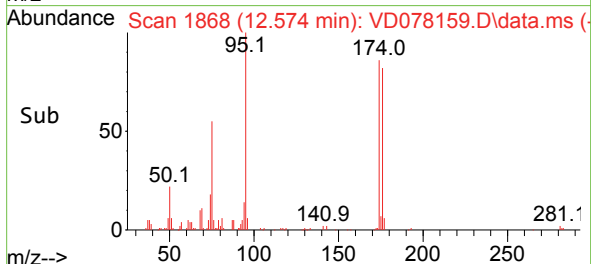
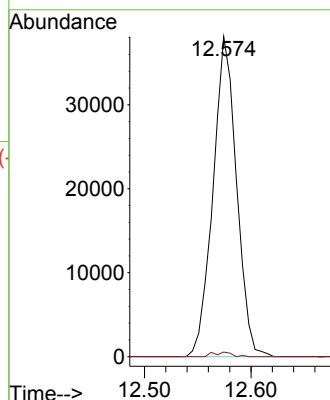
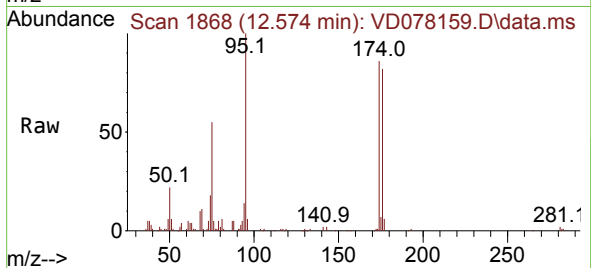




#76
1,2,3-Trichloropropane
Concen: 47.689 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 58531
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.278 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.105 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Tgt Ion: 75 Resp: 58531
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

