

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078148.D
 Acq On : 11 Jan 2024 13:16
 Operator : RP/MD
 Sample : P1104-07
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 12 00:37:06 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)

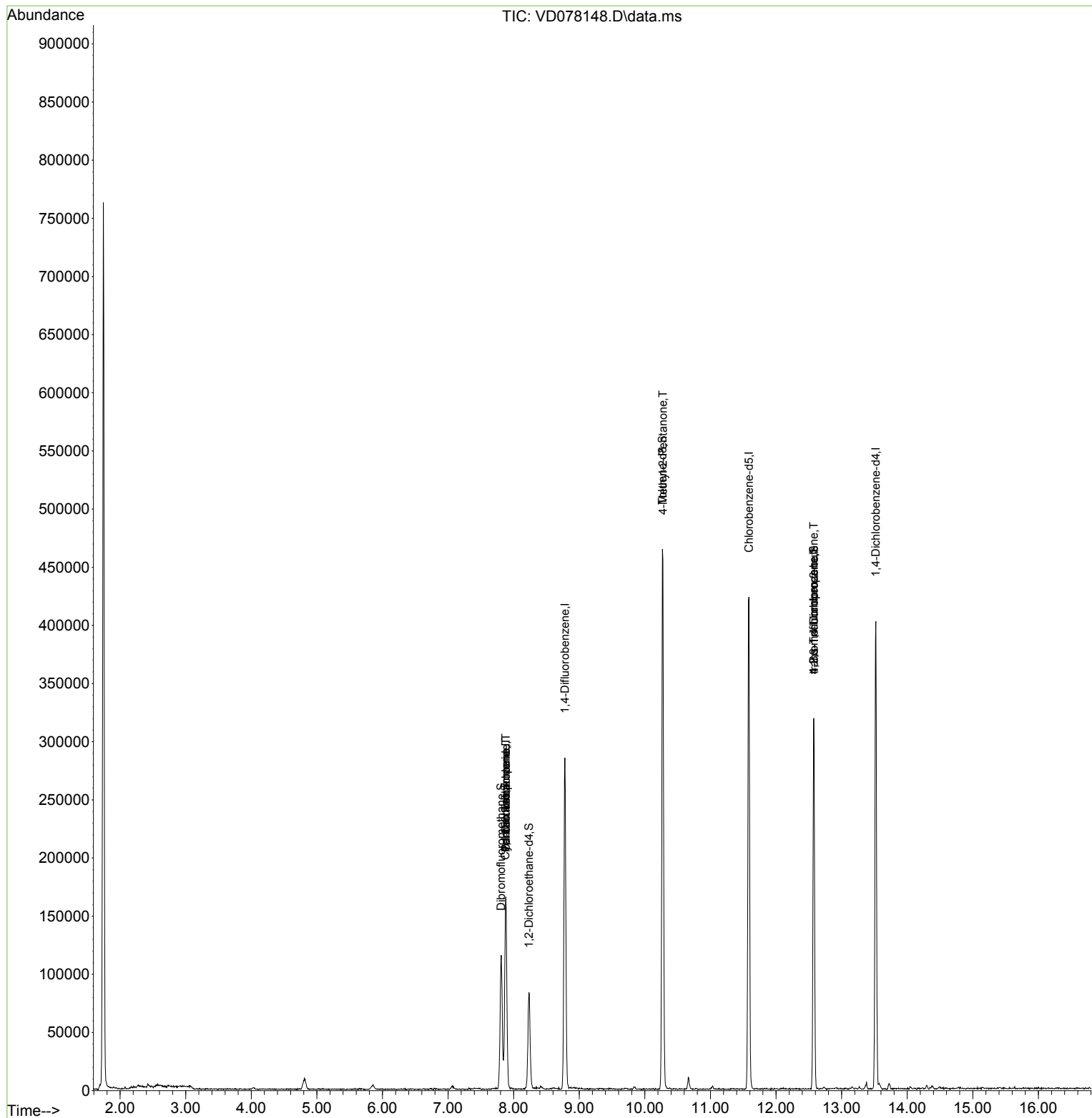
Internal Standards						
1) Pentafluorobenzene	7.881	168	123530	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	254645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	248359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63389	48.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.810	113	79511	43.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.640%
50) Toluene-d8	10.269	98	318973	51.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.575	95	93264	43.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.060%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	1982	Below Cal	#	82
20) Methylene Chloride	4.811	84	7429	Below Cal		89
31) Cyclohexane	7.875	56	3253	1.653	ug/l #	41
36) 1,1-Dichloropropene	7.881	75	10212	4.121	ug/l #	48
38) Carbon Tetrachloride	7.881	117	13250	4.643	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	1405	1.442	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	52356	49.979	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52356	111.382	ug/l #	18

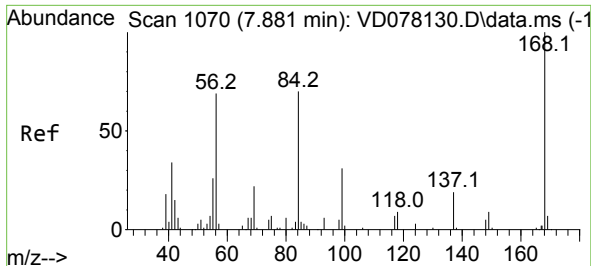
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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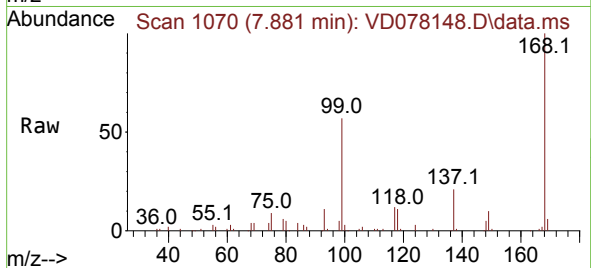
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration



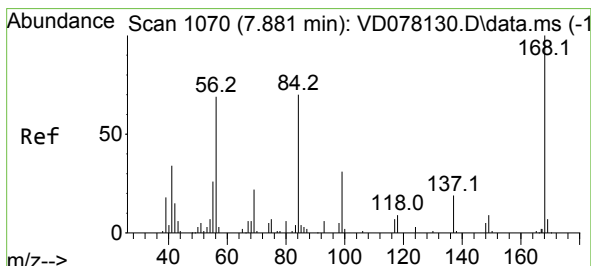
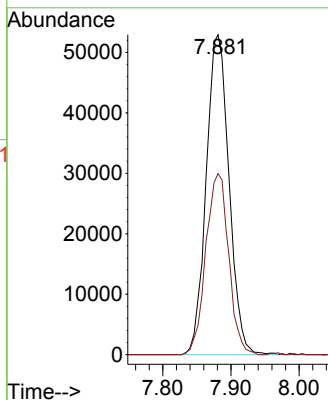
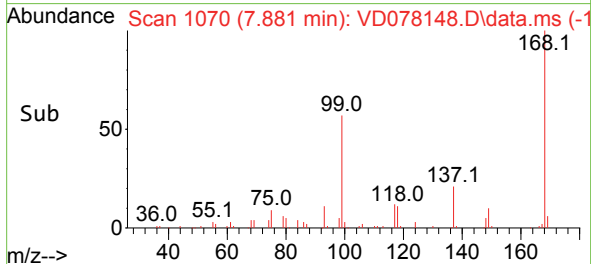


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

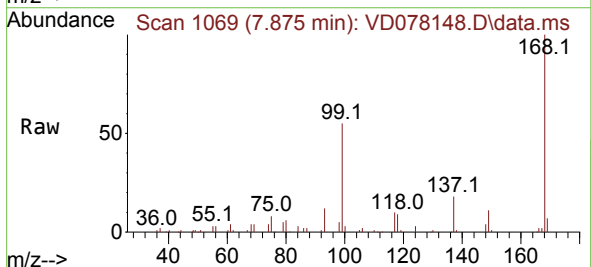
Instrument :
MSVOA_D
ClientSampleId :



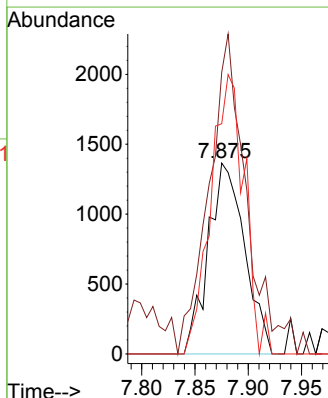
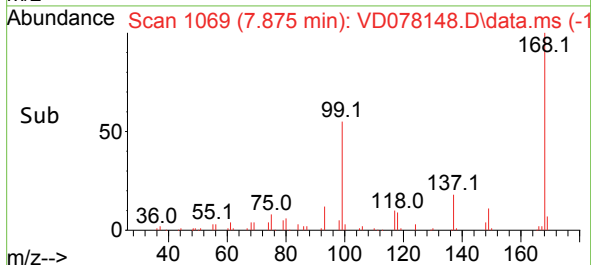
Tgt Ion:168 Resp: 123530
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1#

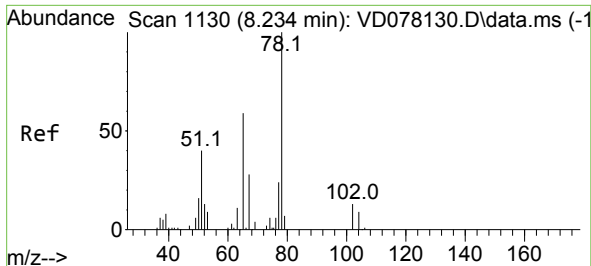


#31
Cyclohexane
Concen: 1.653 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16



Tgt Ion: 56 Resp: 3253
Ion Ratio Lower Upper
56 100
69 147.5 28.6 43.0#
84 120.7 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 48.742 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078148.D

Acq: 11 Jan 2024 13:16

Instrument :

MSVOA_D

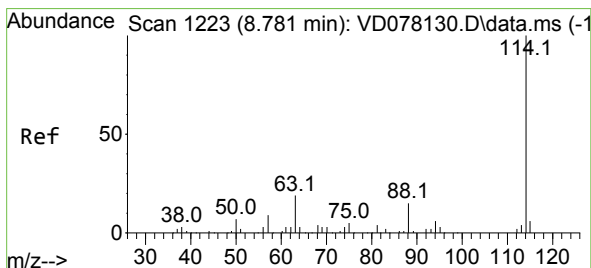
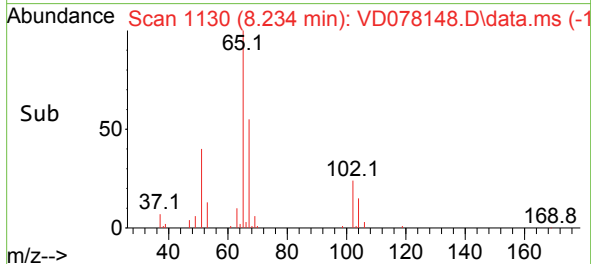
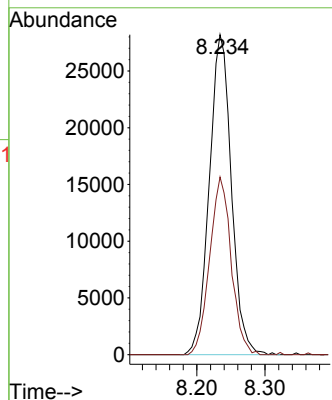
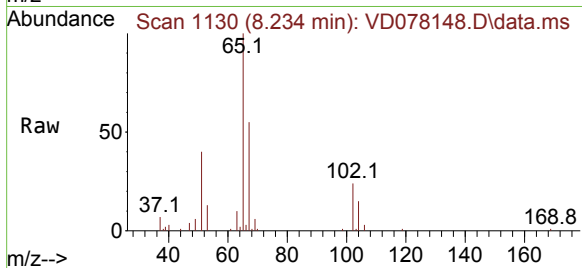
ClientSampleId :

Tgt Ion: 65 Resp: 63389

Ion Ratio Lower Upper

65 100

67 54.3 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: VD078148.D

Acq: 11 Jan 2024 13:16

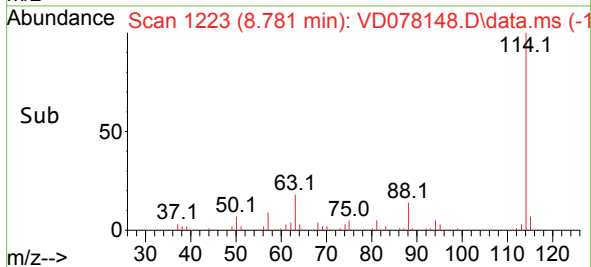
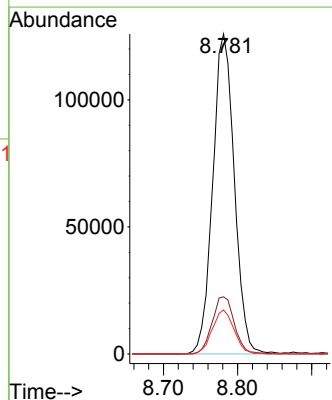
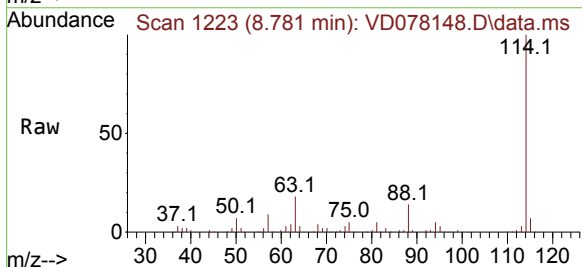
Tgt Ion: 114 Resp: 254645

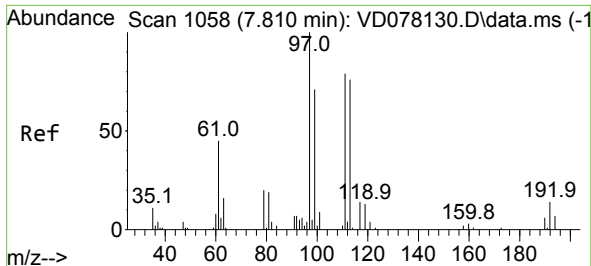
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.325 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

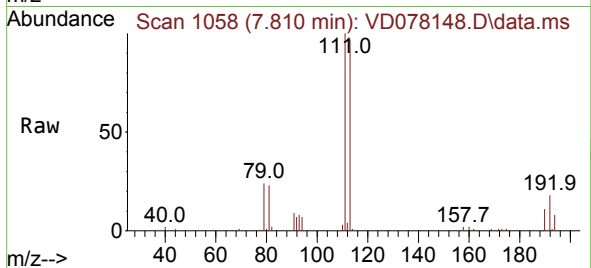
Lab File: VD078148.D

Acq: 11 Jan 2024 13:16

Instrument :

MSVOA_D

ClientSampleId :



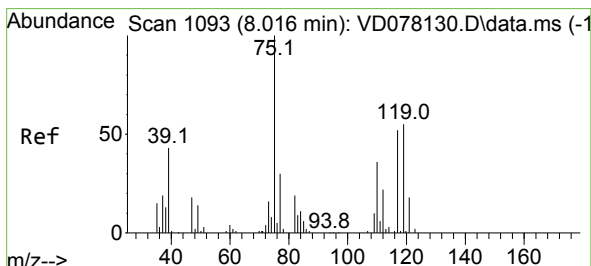
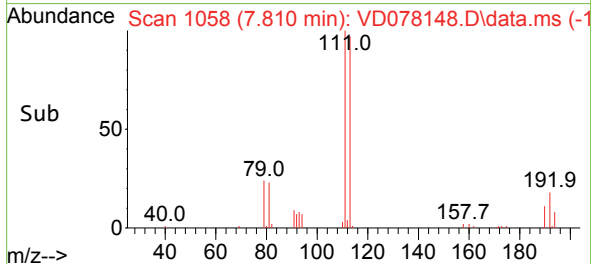
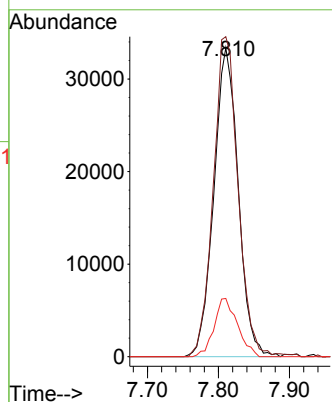
Tgt Ion:113 Resp: 79511

Ion Ratio Lower Upper

113 100

111 105.6 84.7 127.1

192 18.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.121 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VD078148.D

Acq: 11 Jan 2024 13:16

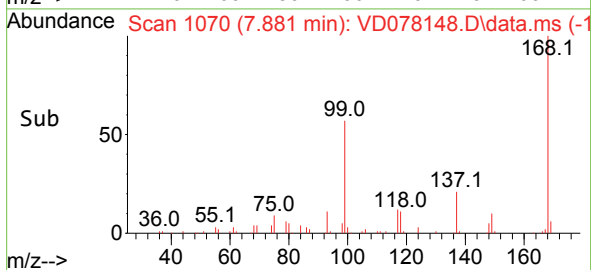
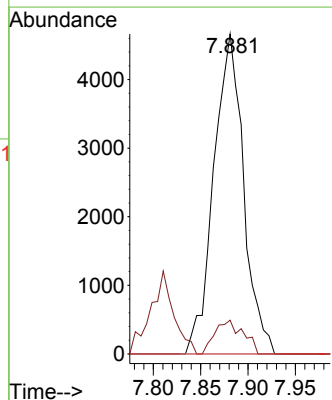
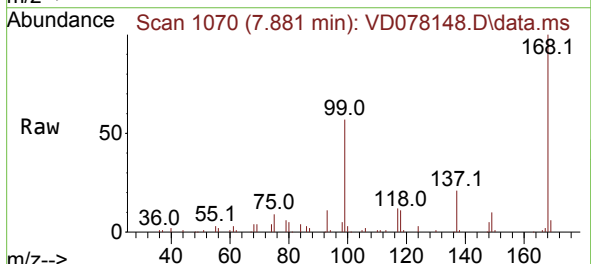
Tgt Ion: 75 Resp: 10212

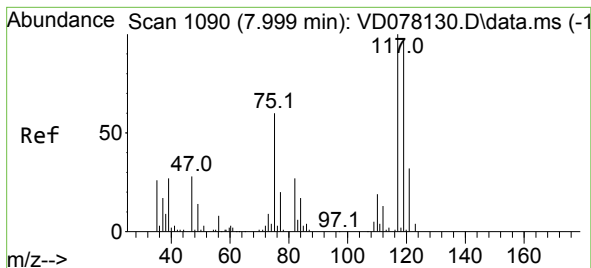
Ion Ratio Lower Upper

75 100

110 10.0 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.643 ug/l

RT: 7.881 min Scan# 1090

Delta R.T. -0.118 min

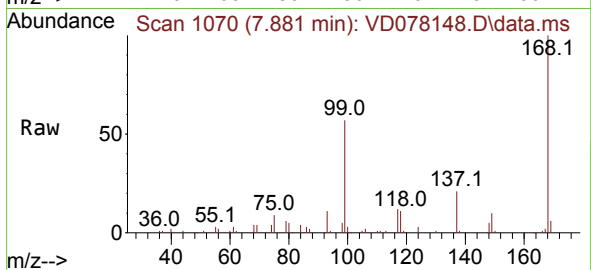
Lab File: VD078148.D

Acq: 11 Jan 2024 13:16

Instrument :

MSVOA_D

ClientSampleId :



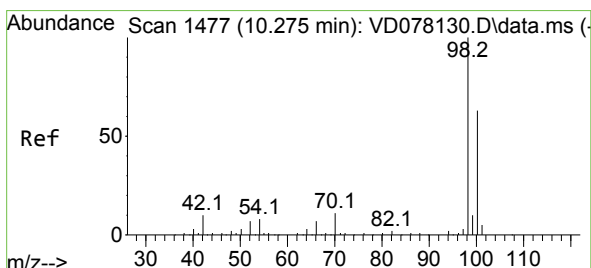
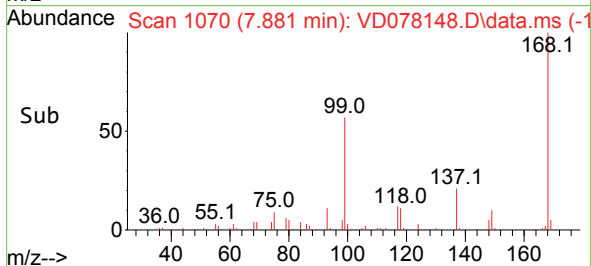
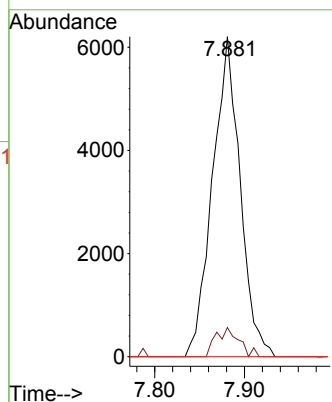
Tgt Ion:117 Resp: 13250

Ion Ratio Lower Upper

117 100

119 9.1 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 51.825 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078148.D

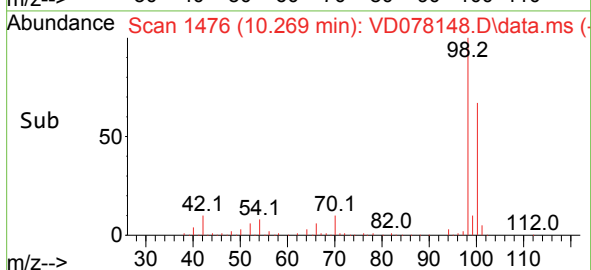
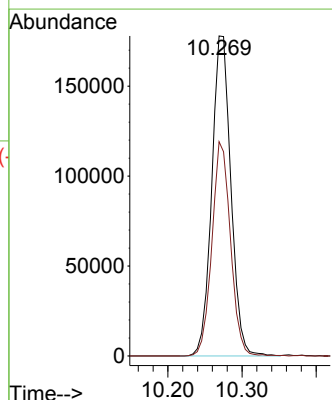
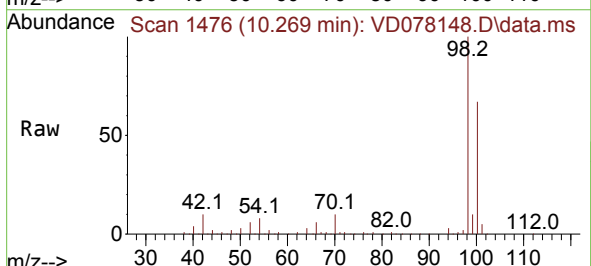
Acq: 11 Jan 2024 13:16

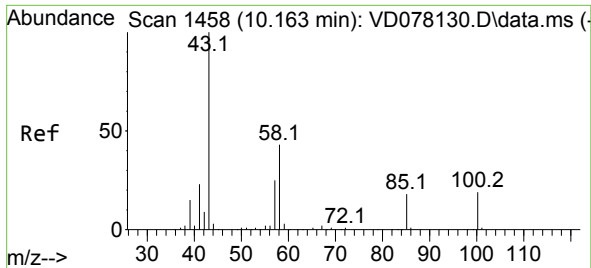
Tgt Ion: 98 Resp: 318973

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

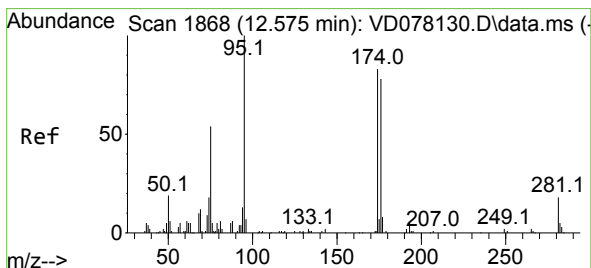
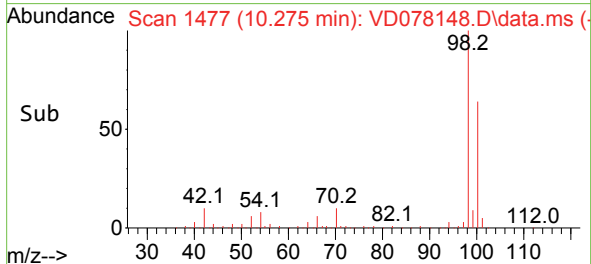
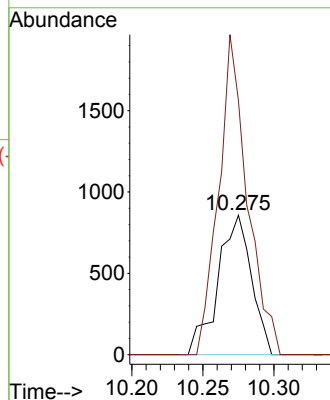
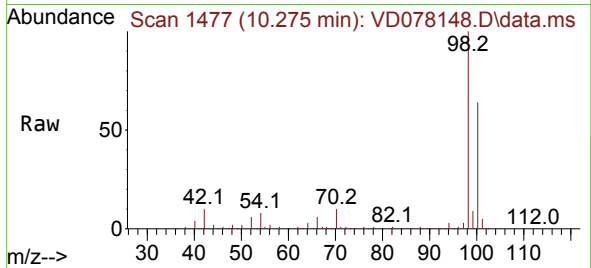




#51
4-Methyl-2-Pentanone
Concen: 1.442 ug/l
RT: 10.275 min Scan# 1458
Delta R.T. 0.112 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

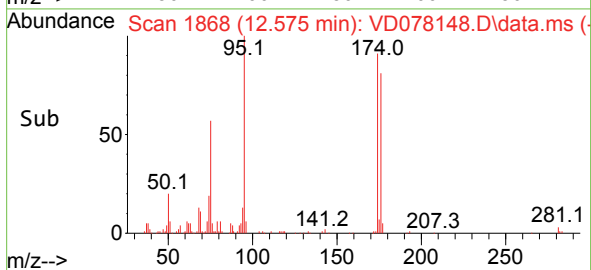
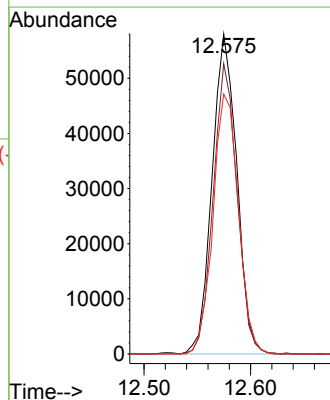
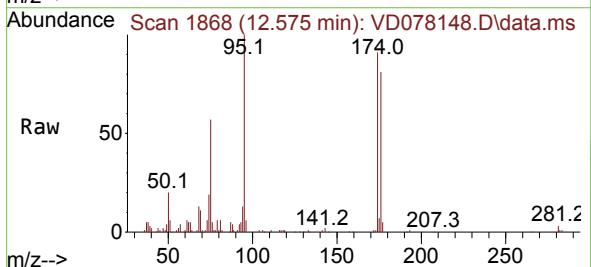
Instrument :
MSVOA_D
ClientSampleId :

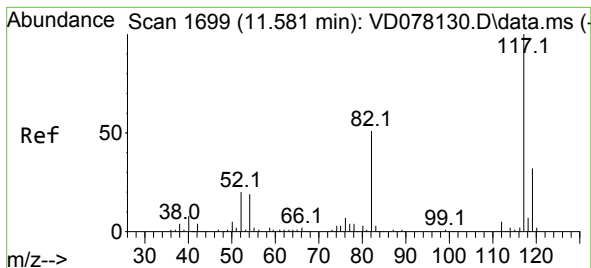
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 196.7 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 43.530 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Tgt Ion: 95 Resp: 93264
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 83.8 0.0 191.8

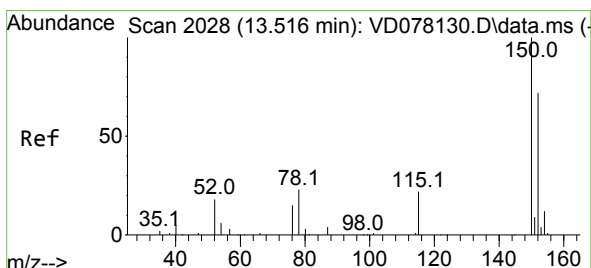
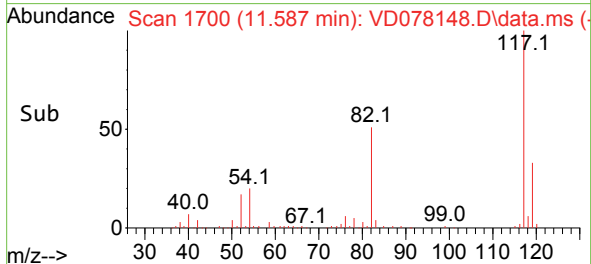
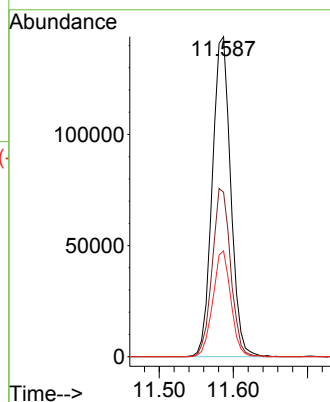
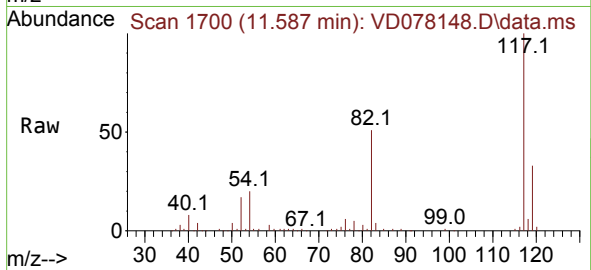




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

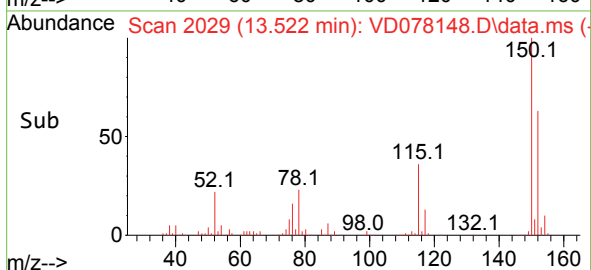
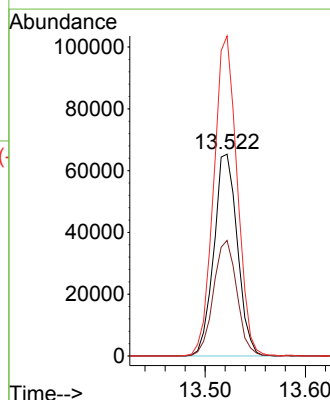
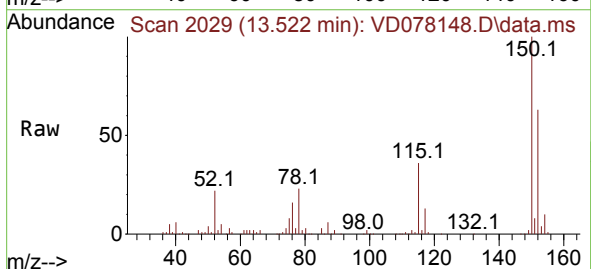
Instrument :
MSVOA_D
ClientSampleId :

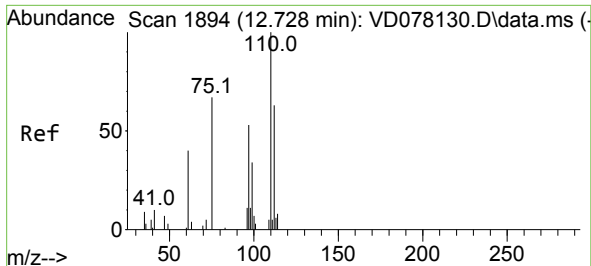
Tgt Ion:117 Resp: 248359
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Tgt Ion:152 Resp: 106400
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 157.7 0.0 353.6

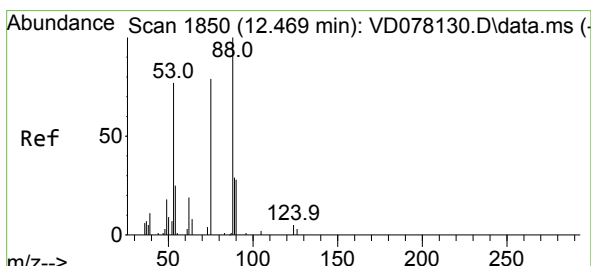
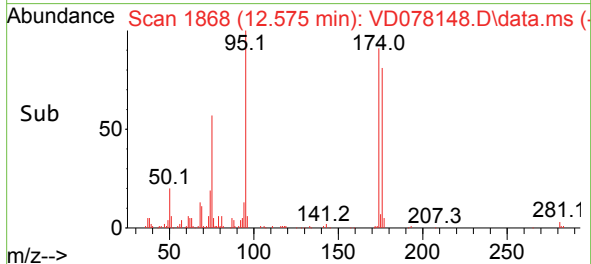
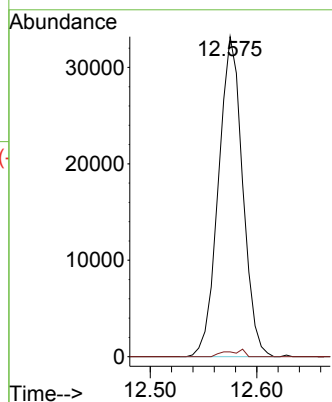
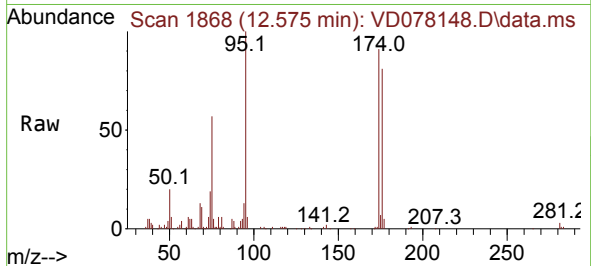




#76
1,2,3-Trichloropropane
Concen: 49.979 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 52356
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.382 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078148.D
Acq: 11 Jan 2024 13:16

Tgt Ion: 75 Resp: 52356
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.4 37.9 56.9#

