

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078165.D
 Acq On : 15 Jan 2024 16:41
 Operator : RP/MD
 Sample : P1140-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 16 00:37:47 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)

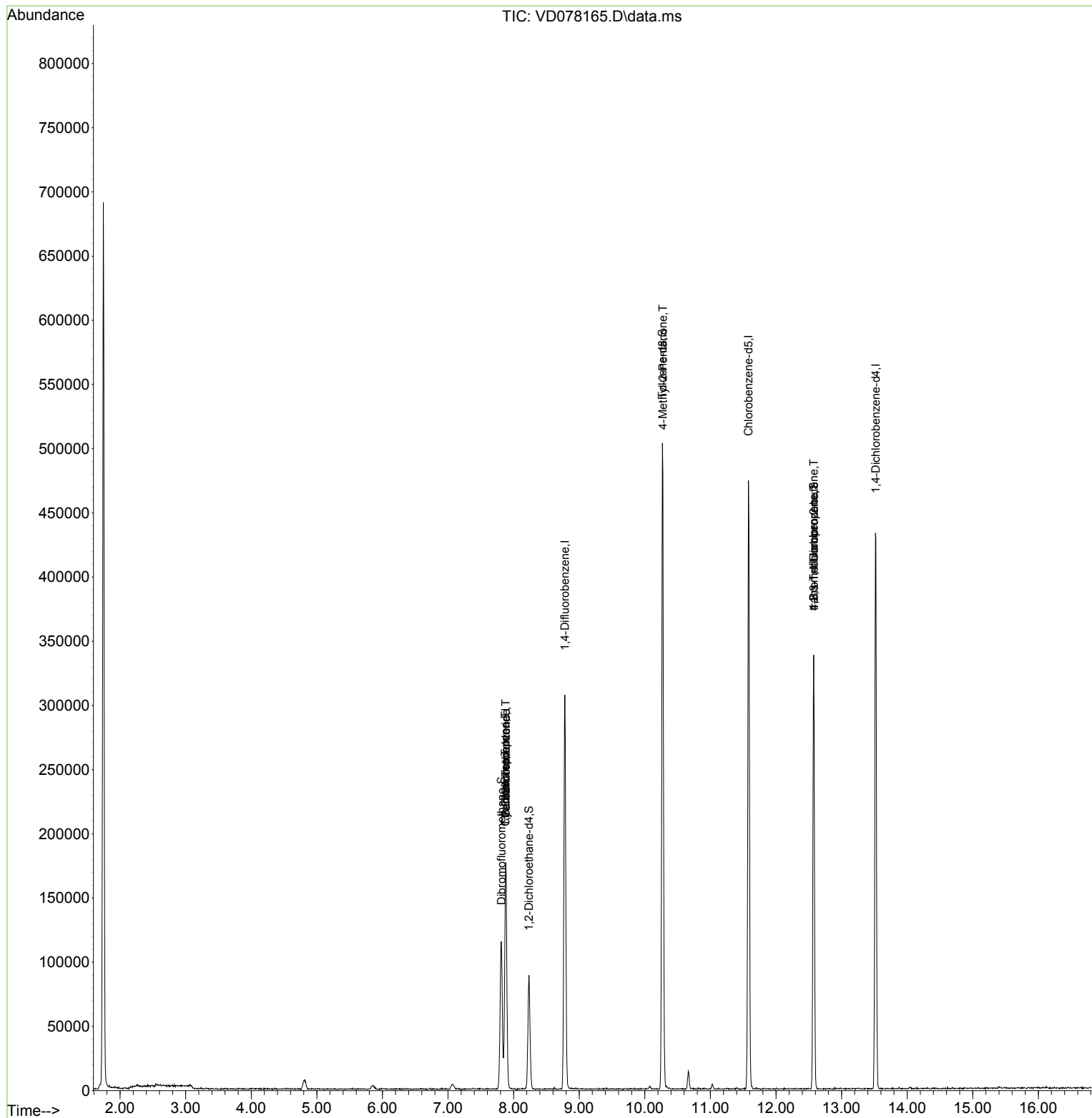
Internal Standards						
1) Pentafluorobenzene	7.881	168	130940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	269205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	269706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	115698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66276	48.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.160%		
35) Dibromofluoromethane	7.816	113	84223	43.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.820%		
50) Toluene-d8	10.269	98	342689	52.667	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.340%		
62) 4-Bromofluorobenzene	12.575	95	100395	44.324	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.640%		
Target Compounds						
16) Acetone	4.046	43	395	Below Cal	#	32
20) Methylene Chloride	4.811	84	5898	Below Cal		92
31) Cyclohexane	7.875	56	3246	1.556	ug/l #	47
36) 1,1-Dichloropropene	7.875	75	11394	4.349	ug/l #	47
38) Carbon Tetrachloride	7.881	117	14899	4.938	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1184	1.150	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	54720	48.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54720	107.056	ug/l #	17

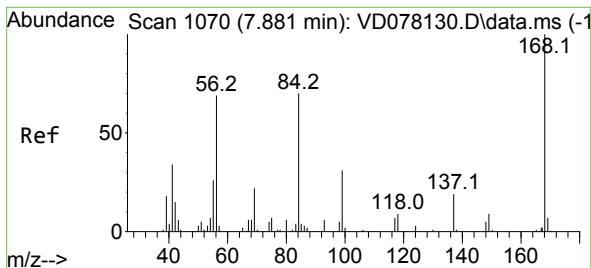
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078165.D

Acq: 15 Jan 2024 16:41

Instrument :

MSVOA_D

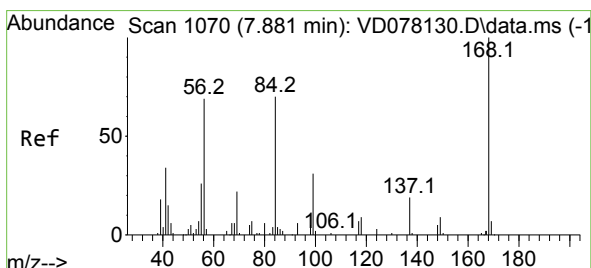
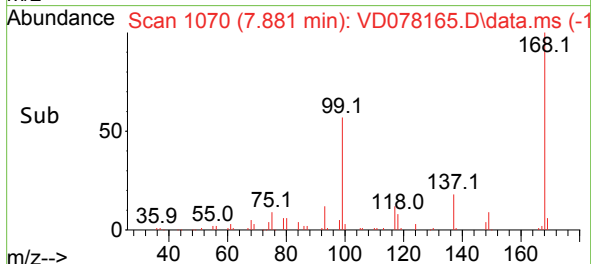
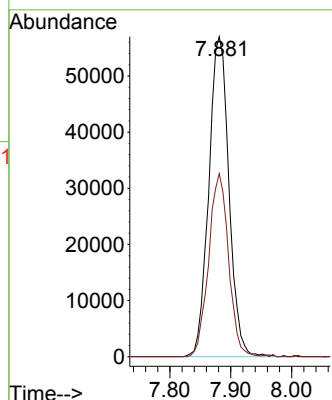
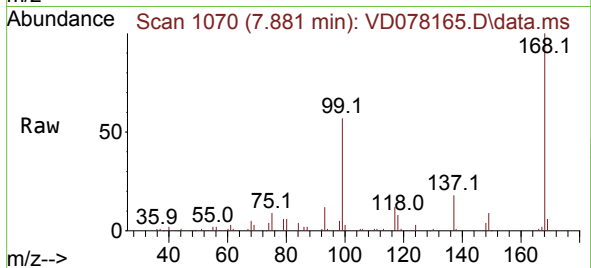
ClientSampleId :

Tgt Ion:168 Resp: 130940

Ion Ratio Lower Upper

168 100

99 57.2 36.7 55.1#



#31

Cyclohexane

Concen: 1.556 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078165.D

Acq: 15 Jan 2024 16:41

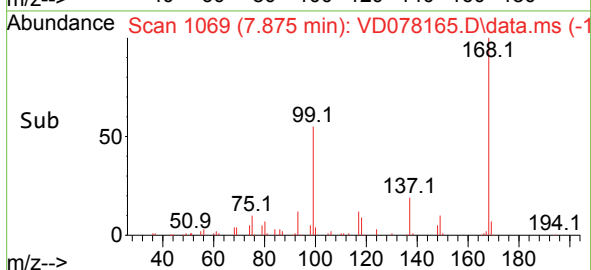
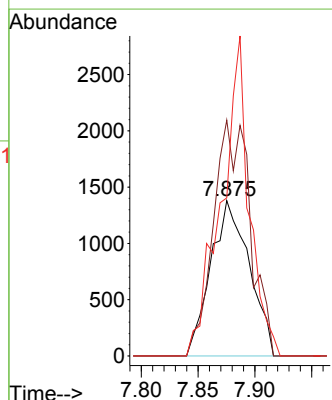
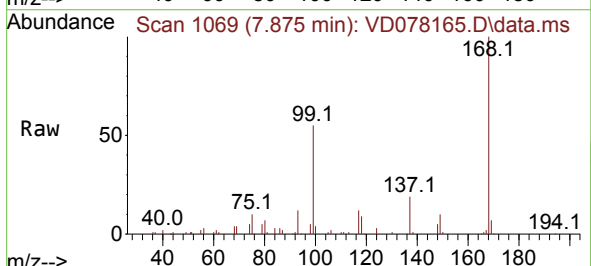
Tgt Ion: 56 Resp: 3246

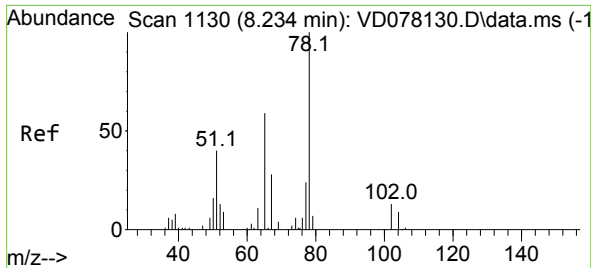
Ion Ratio Lower Upper

56 100

69 151.9 28.6 43.0#

84 101.8 84.8 127.2

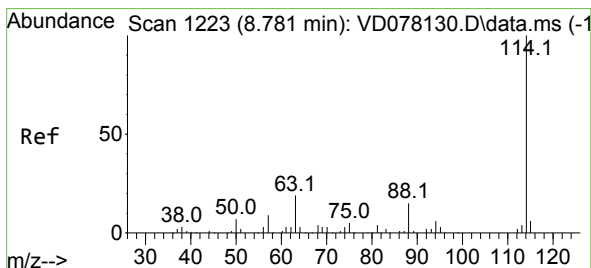
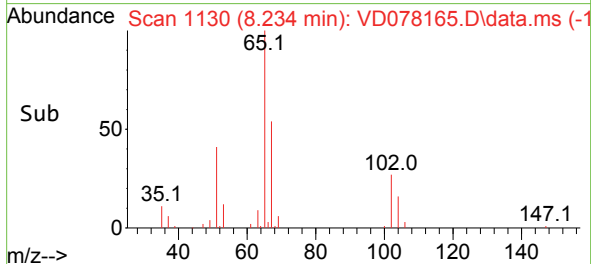
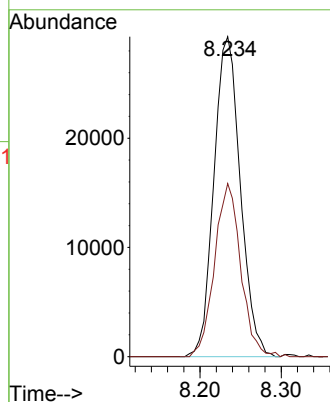
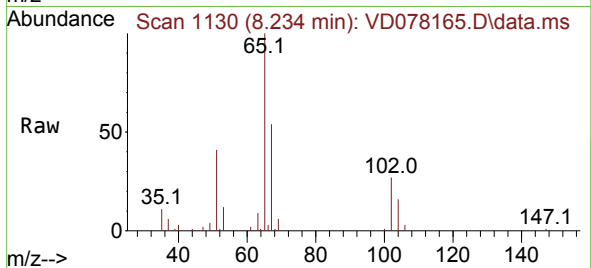




#33
 1,2-Dichloroethane-d4
 Concen: 48.078 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078165.D
 Acq: 15 Jan 2024 16:41

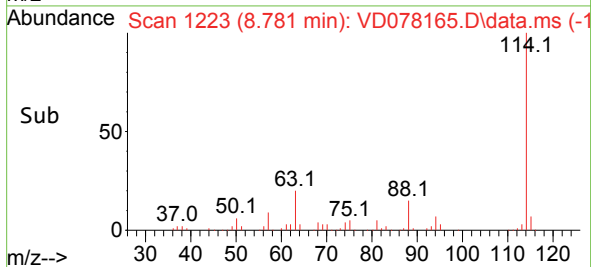
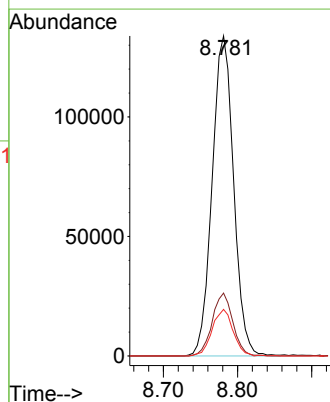
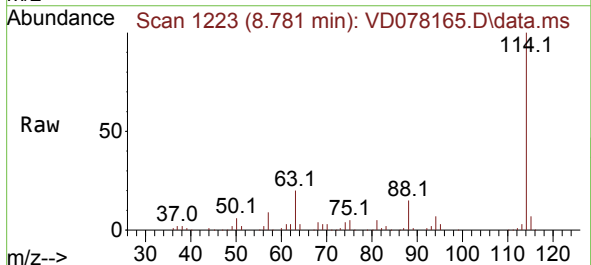
Instrument :
 MSVOA_D
 ClientSampleId :

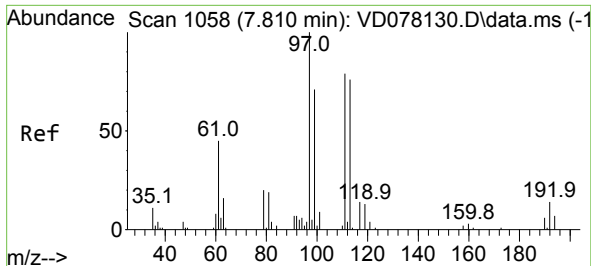
Tgt Ion: 65 Resp: 66276
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078165.D
 Acq: 15 Jan 2024 16:41

Tgt Ion: 114 Resp: 269205
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 33.4
 88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.410 ug/l

RT: 7.816 min Scan# 1058

Delta R.T. 0.006 min

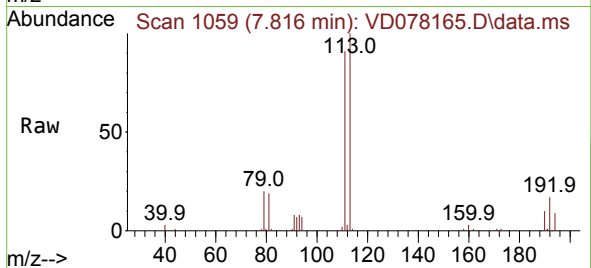
Lab File: VD078165.D

Acq: 15 Jan 2024 16:41

Instrument :

MSVOA_D

ClientSampleId :



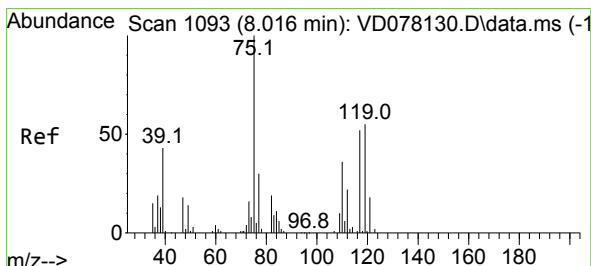
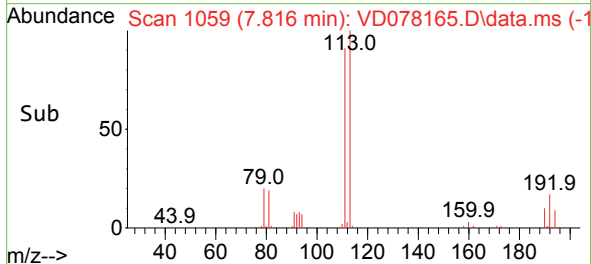
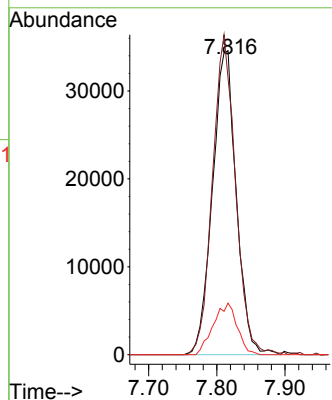
Tgt Ion:113 Resp: 84223

Ion Ratio Lower Upper

113 100

111 101.7 84.7 127.1

192 16.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.349 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.141 min

Lab File: VD078165.D

Acq: 15 Jan 2024 16:41

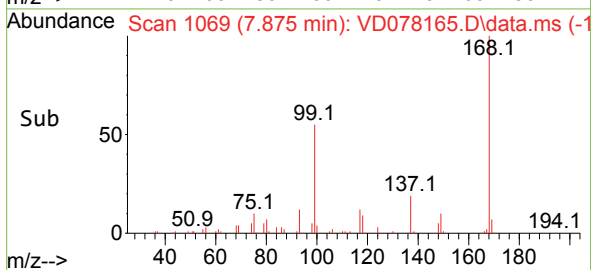
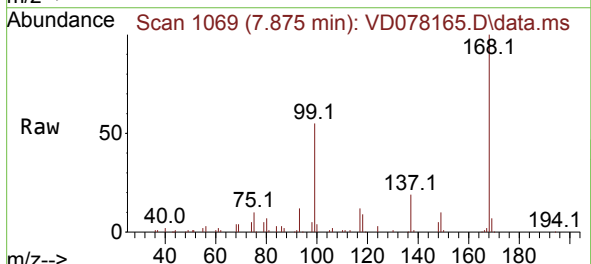
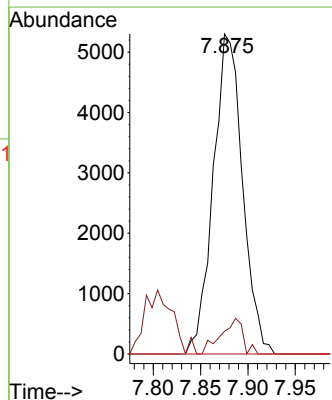
Tgt Ion: 75 Resp: 11394

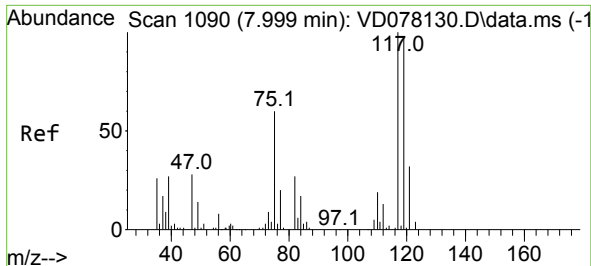
Ion Ratio Lower Upper

75 100

110 8.4 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.938 ug/l

RT: 7.881 min Scan# 10

Delta R.T. -0.118 min

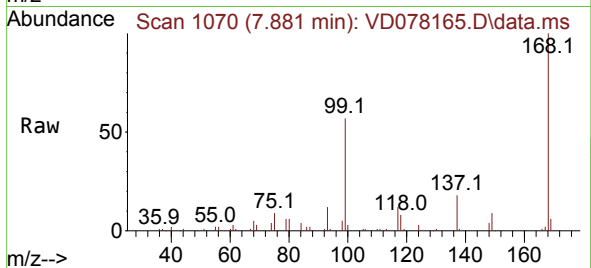
Lab File: VD078165.D

Acq: 15 Jan 2024 16:41

Instrument :

MSVOA_D

ClientSampleId :



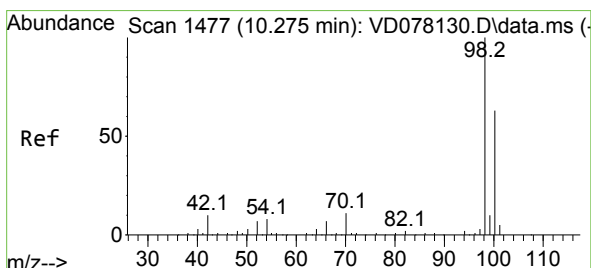
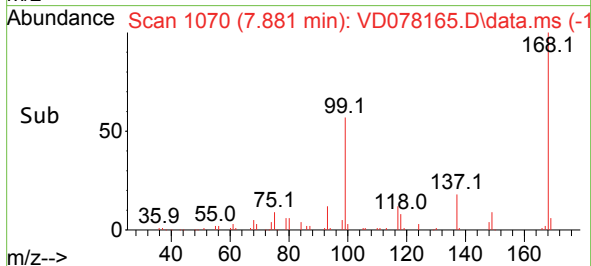
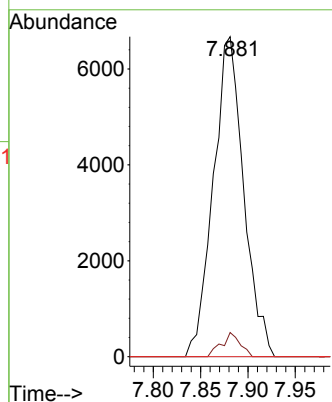
Tgt Ion:117 Resp: 14899

Ion Ratio Lower Upper

117 100

119 7.6 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.667 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078165.D

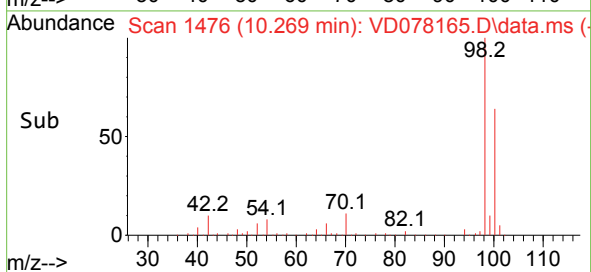
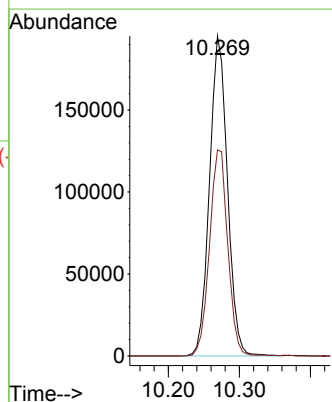
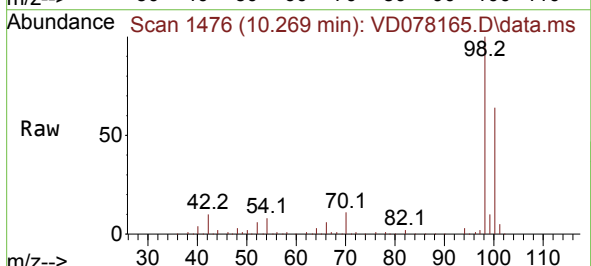
Acq: 15 Jan 2024 16:41

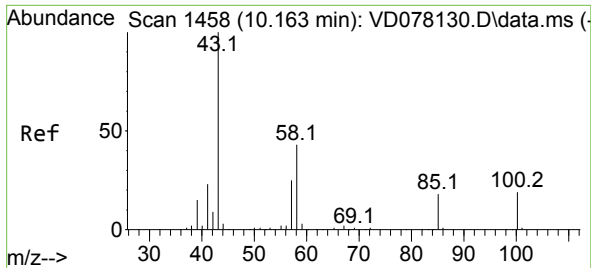
Tgt Ion: 98 Resp: 342689

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

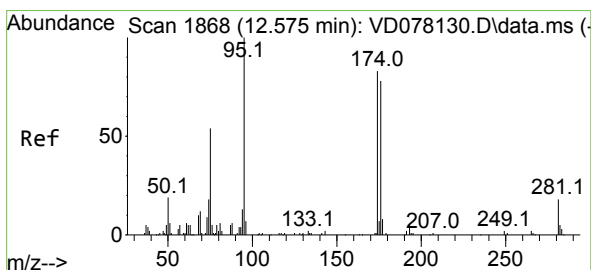
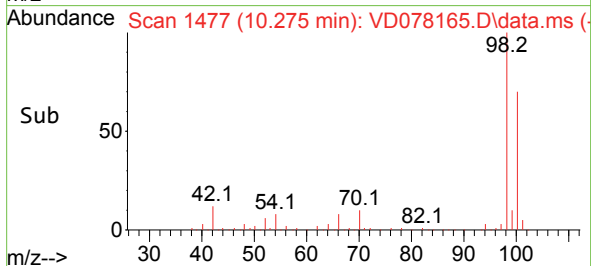
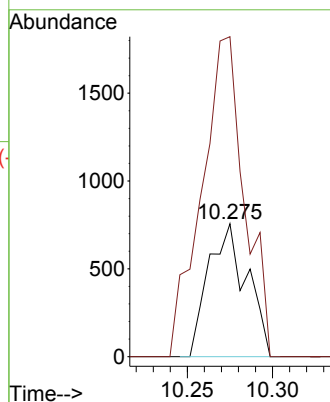
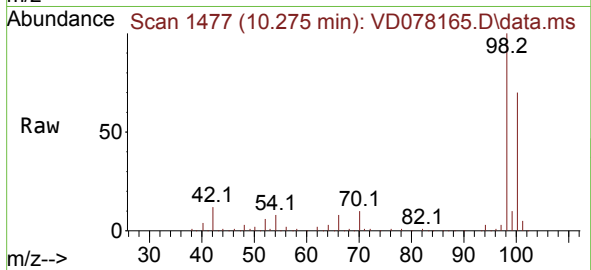




#51
4-Methyl-2-Pentanone
Concen: 1.150 ug/l
RT: 10.275 min Scan# 1458
Delta R.T. 0.112 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

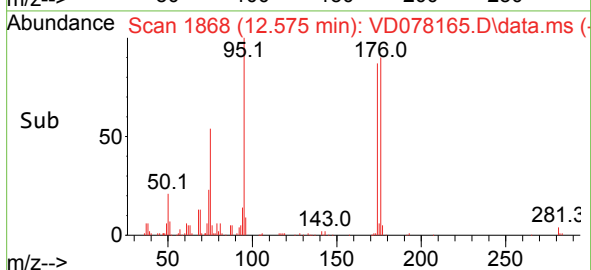
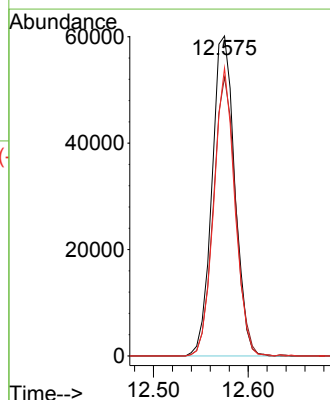
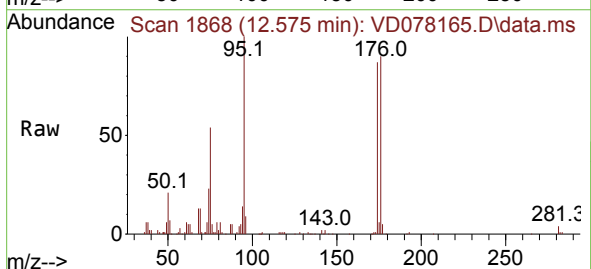
Instrument :
MSVOA_D
ClientSampleId :

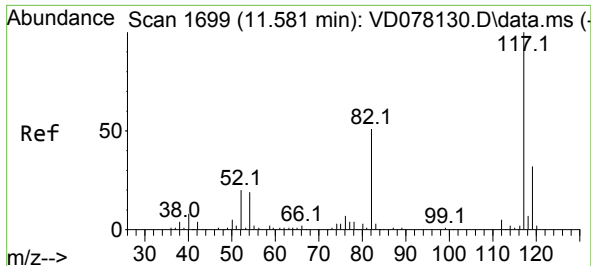
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 269.4 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 44.324 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 95 Resp: 100395
Ion Ratio Lower Upper
95 100
174 84.9 0.0 201.8
176 83.0 0.0 191.8

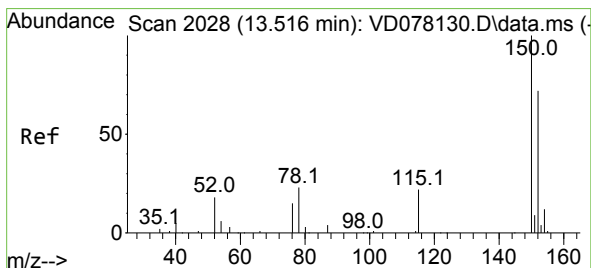
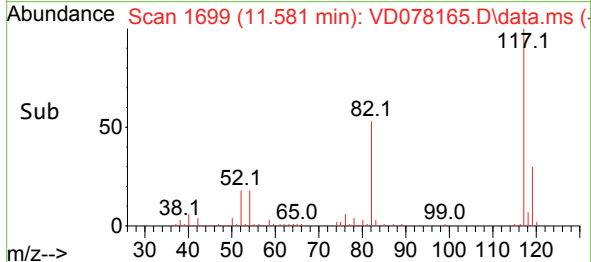
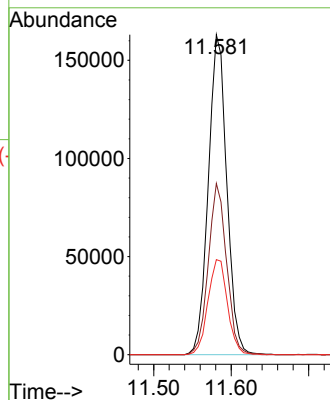
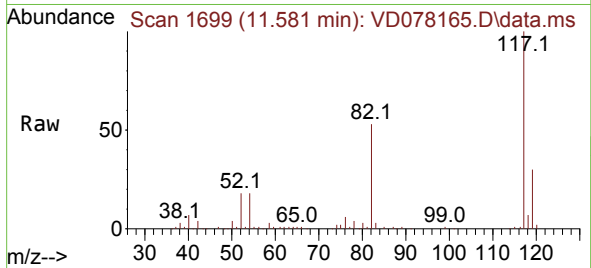




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

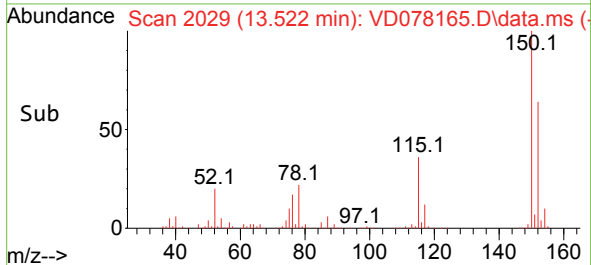
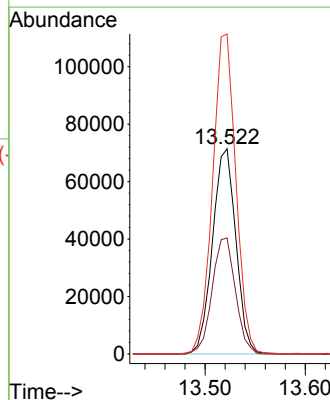
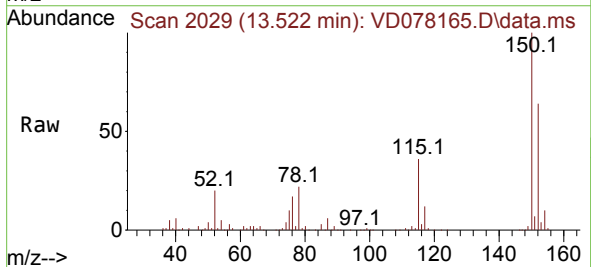
Instrument :
MSVOA_D
ClientSampleId :

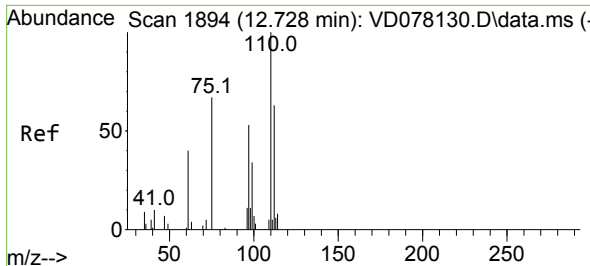
Tgt Ion:117 Resp: 269706
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 29.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Tgt Ion:152 Resp: 115698
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 155.4 0.0 353.6

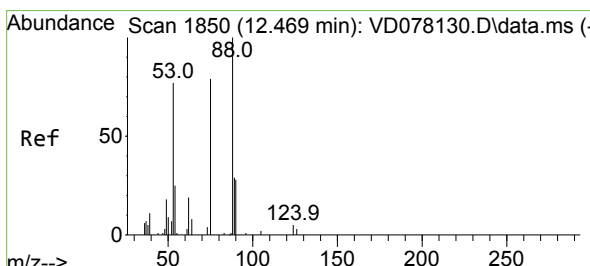
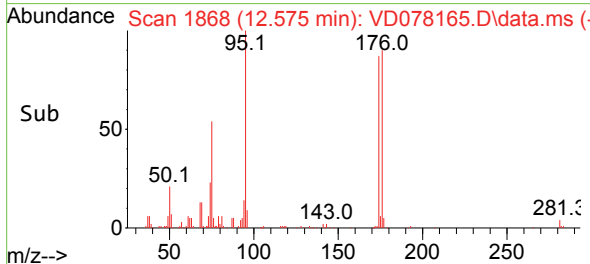
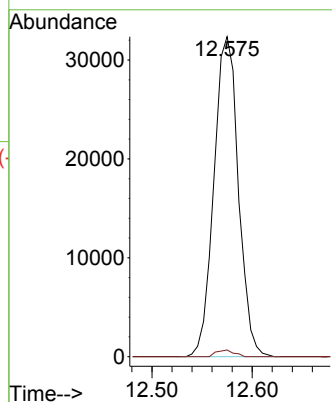
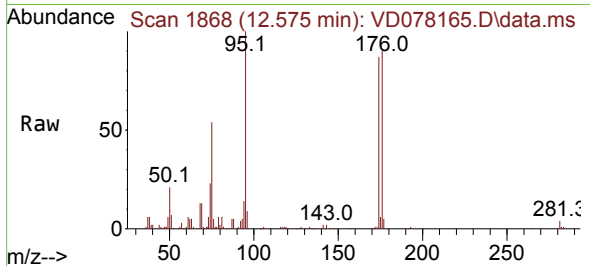




#76
1,2,3-Trichloropropane
Concen: 48.038 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 54720
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.056 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078165.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 75 Resp: 54720
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

