

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078163.D
 Acq On : 15 Jan 2024 15:47
 Operator : RP/MD
 Sample : P1147-03
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 16 00:36:47 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)

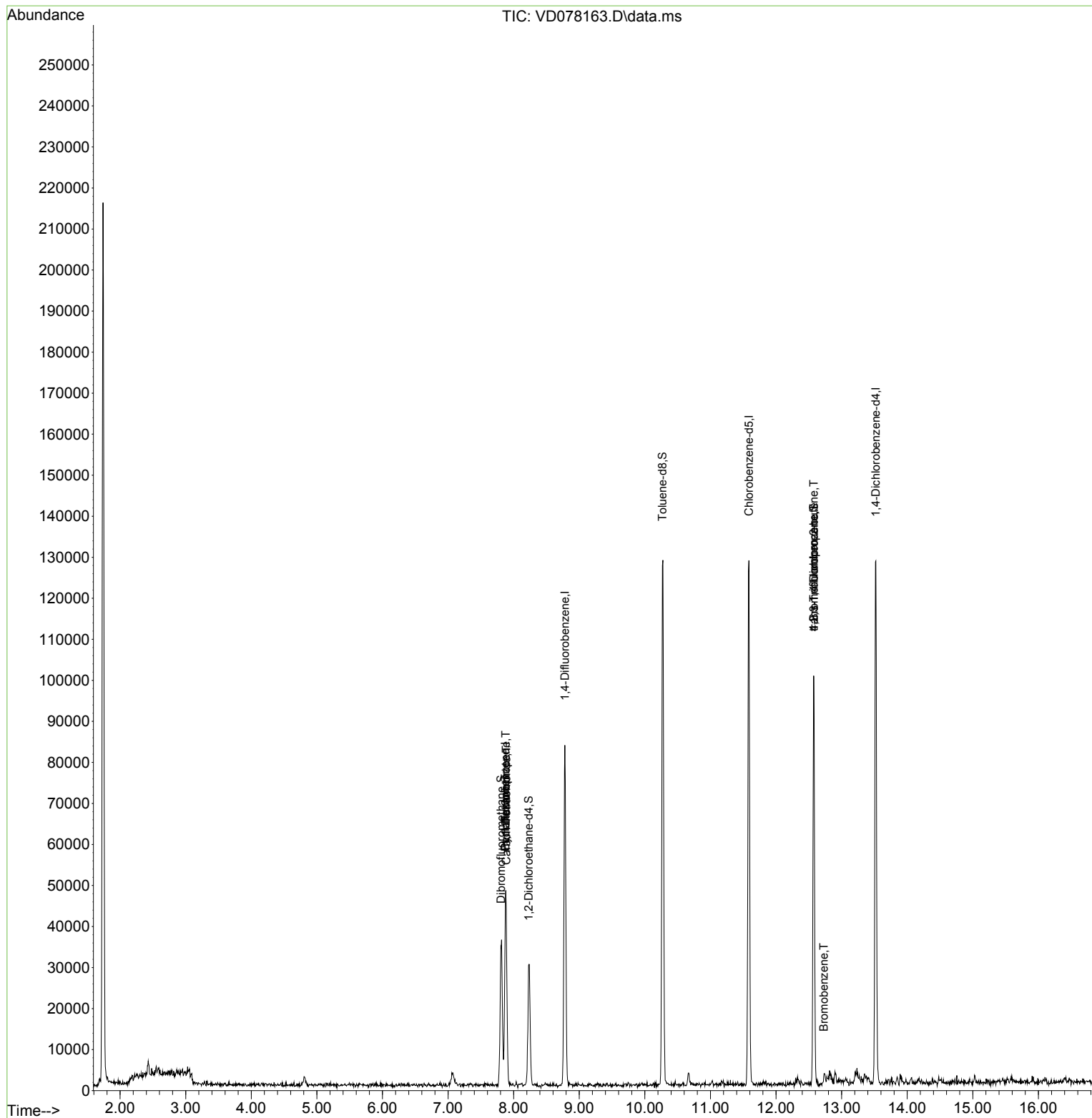
Internal Standards						
1) Pentafluorobenzene	7.875	168	35895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	72393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	76783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	35443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	23408	61.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.880%
35) Dibromofluoromethane	7.810	113	25060	48.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.269	98	92313	52.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.575	95	30084	49.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.780%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	566	Below Cal	#	32
20) Methylene Chloride	4.805	84	1296	Below Cal	#	61
31) Cyclohexane	7.875	56	993	1.737	ug/l #	48
36) 1,1-Dichloropropene	7.881	75	3197	4.538	ug/l #	44
38) Carbon Tetrachloride	7.887	117	4256	5.246	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	17181	49.236	ug/l #	100
77) Bromobenzene	12.728	156	741	1.145	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	17181	109.725	ug/l #	17

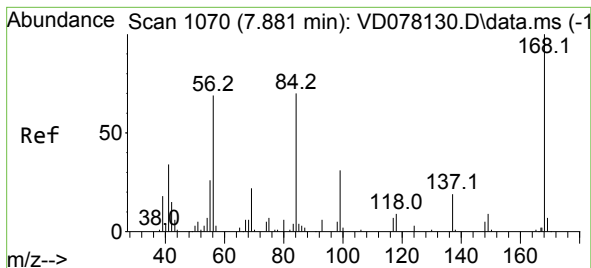
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078163.D

Acq: 15 Jan 2024 15:47

Instrument :

MSVOA_D

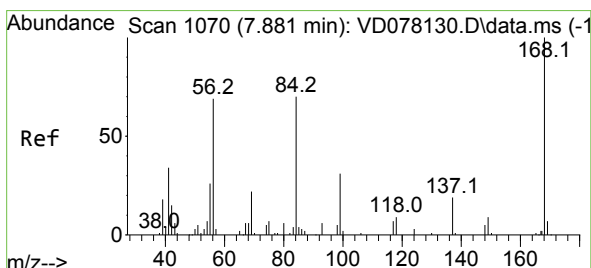
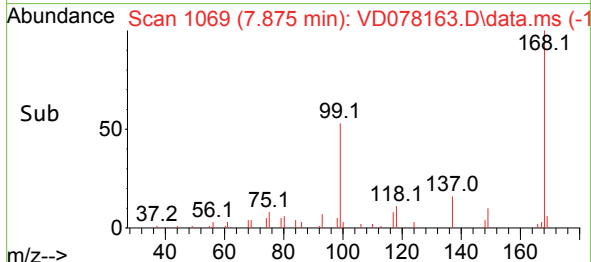
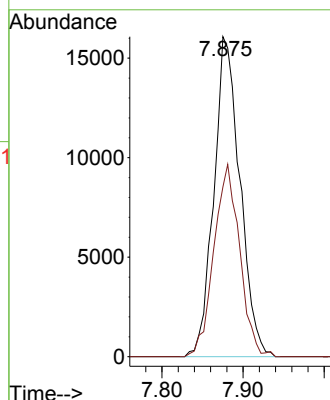
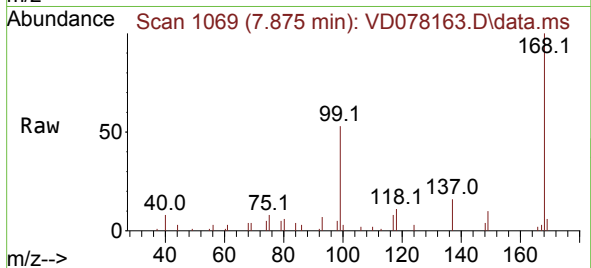
ClientSampleId :

Tgt Ion:168 Resp: 35895

Ion Ratio Lower Upper

168 100

99 53.0 36.7 55.1



#31

Cyclohexane

Concen: 1.737 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078163.D

Acq: 15 Jan 2024 15:47

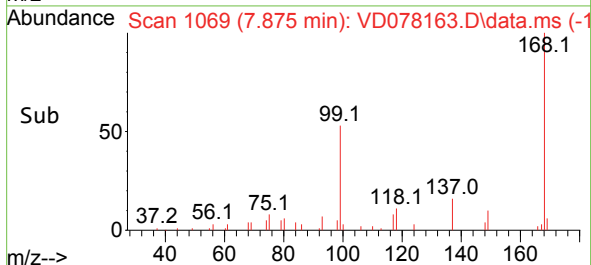
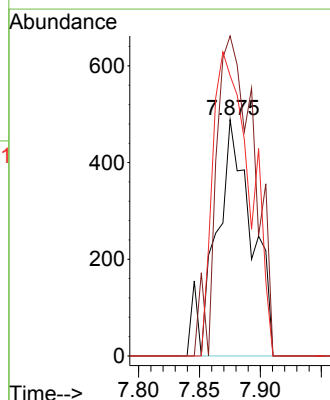
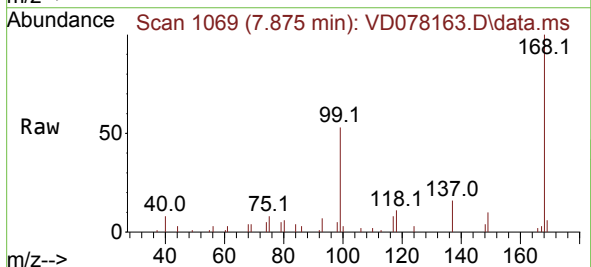
Tgt Ion: 56 Resp: 993

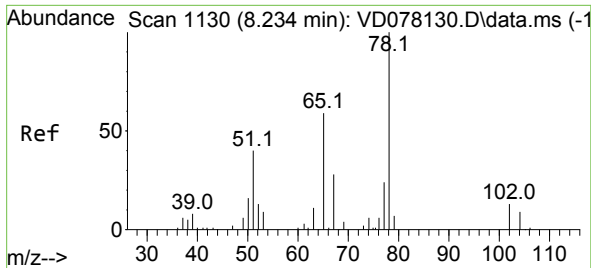
Ion Ratio Lower Upper

56 100

69 135.4 28.6 43.0#

84 118.6 84.8 127.2

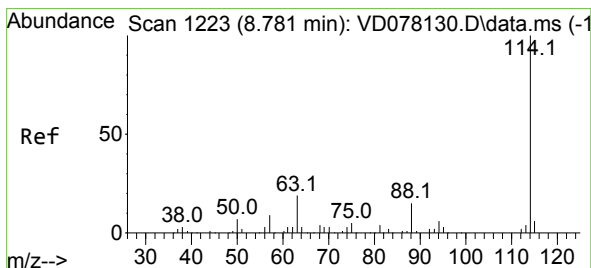
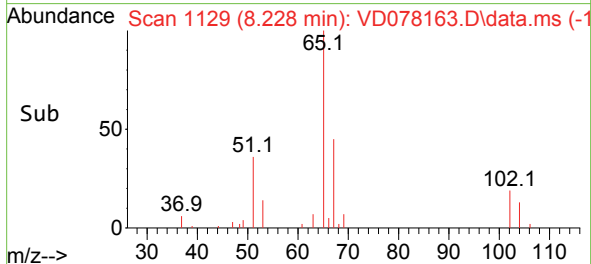
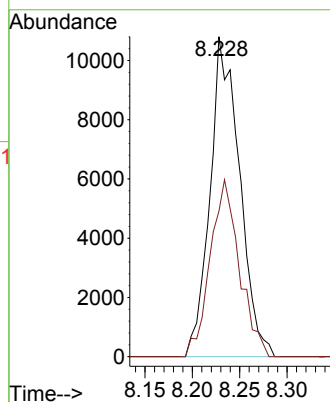
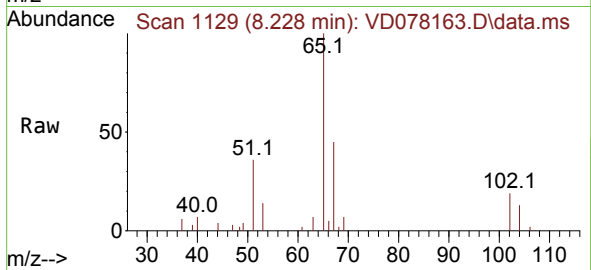




#33
1,2-Dichloroethane-d4
Concen: 61.943 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

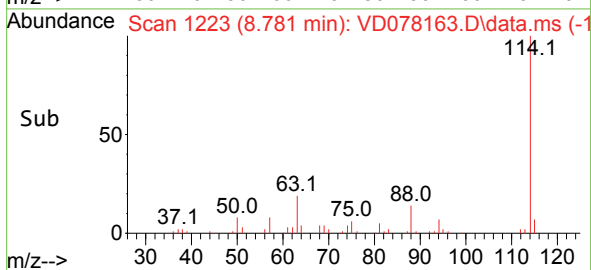
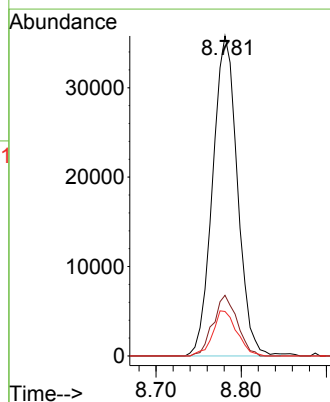
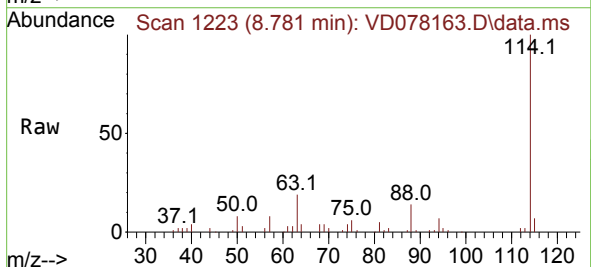
Instrument :
MSVOA_D
ClientSampleId :

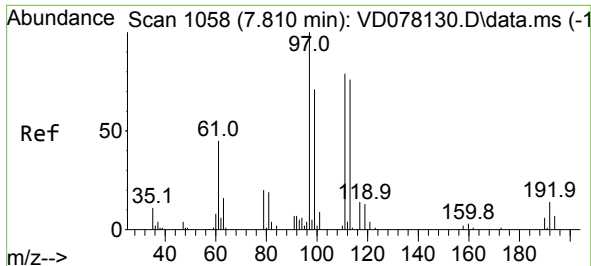
Tgt Ion: 65 Resp: 23408
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

Tgt Ion:114 Resp: 72393
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.4
88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.032 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

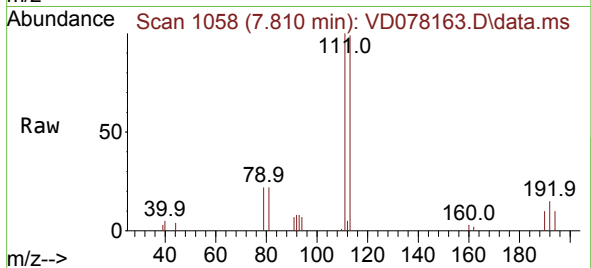
Lab File: VD078163.D

Acq: 15 Jan 2024 15:47

Instrument :

MSVOA_D

ClientSampleId :



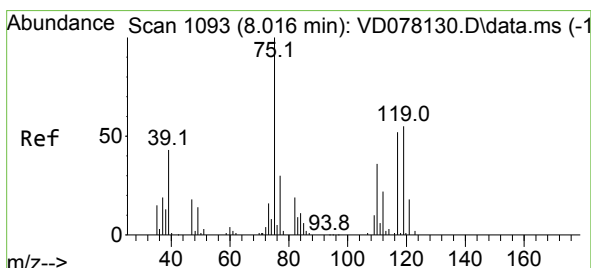
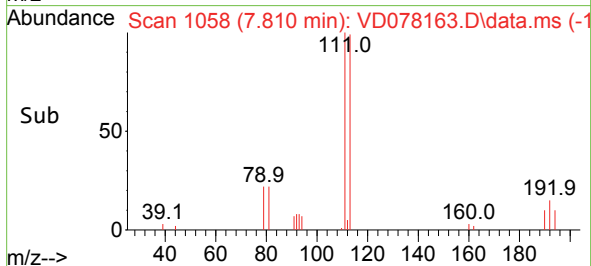
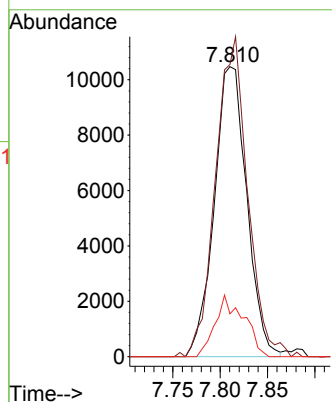
Tgt Ion:113 Resp: 25060

Ion Ratio Lower Upper

113 100

111 108.6 84.7 127.1

192 18.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.538 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VD078163.D

Acq: 15 Jan 2024 15:47

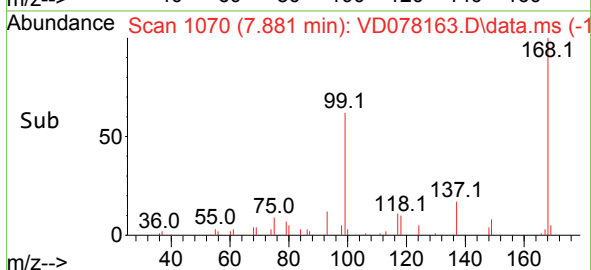
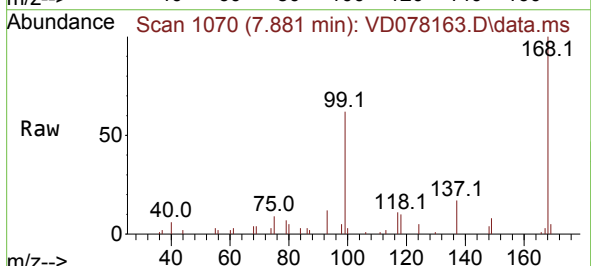
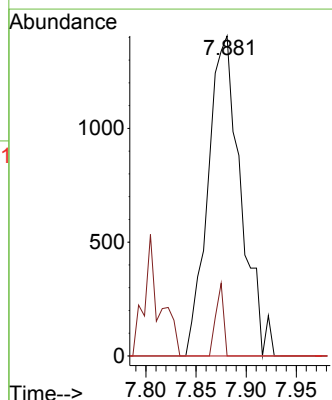
Tgt Ion: 75 Resp: 3197

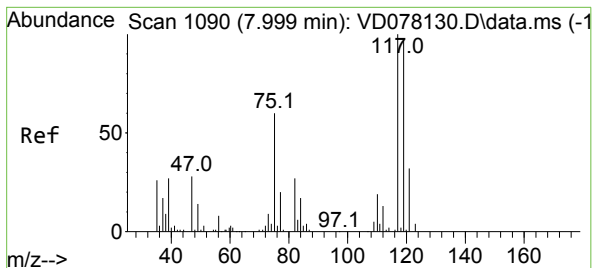
Ion Ratio Lower Upper

75 100

110 5.4 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.246 ug/l

RT: 7.887 min Scan# 1090

Delta R.T. -0.112 min

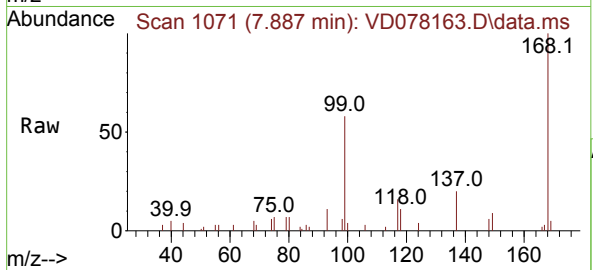
Lab File: VD078163.D

Acq: 15 Jan 2024 15:47

Instrument :

MSVOA_D

ClientSampleId :



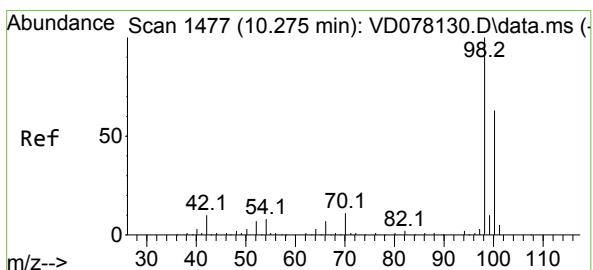
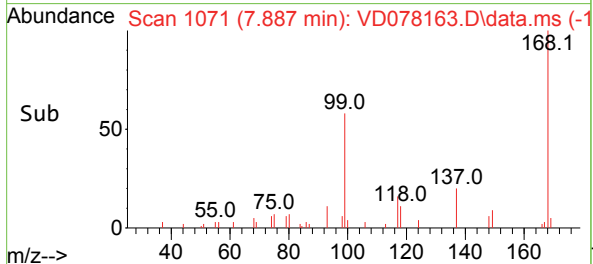
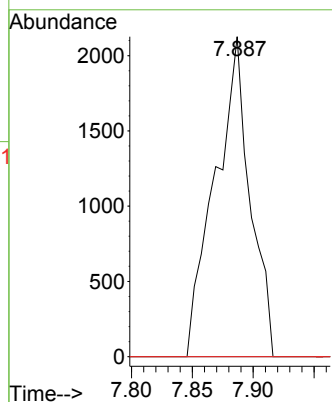
Tgt Ion:117 Resp: 4256

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.758 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078163.D

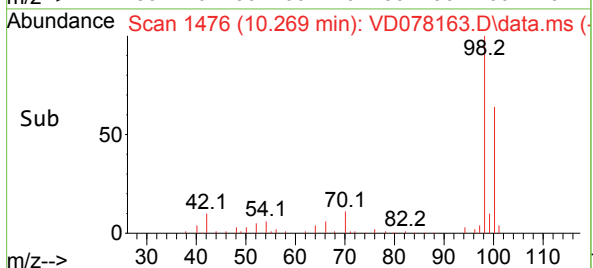
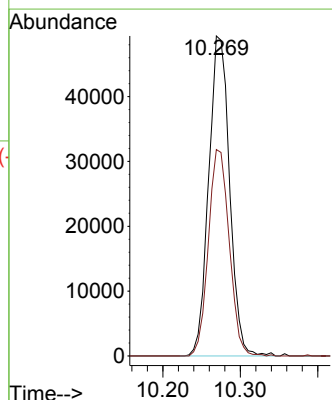
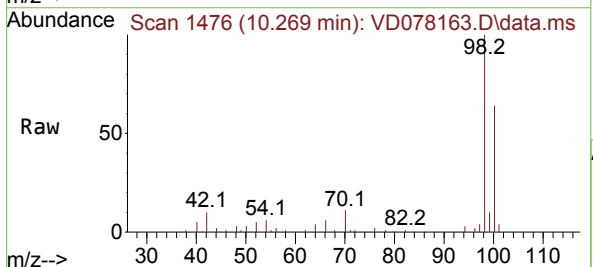
Acq: 15 Jan 2024 15:47

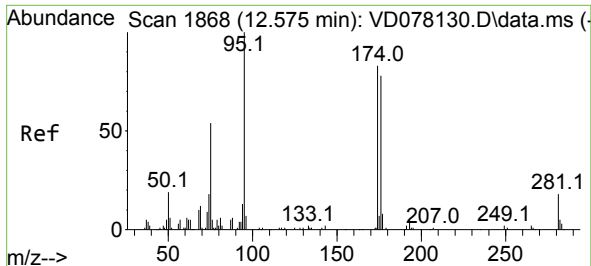
Tgt Ion: 98 Resp: 92313

Ion Ratio Lower Upper

98 100

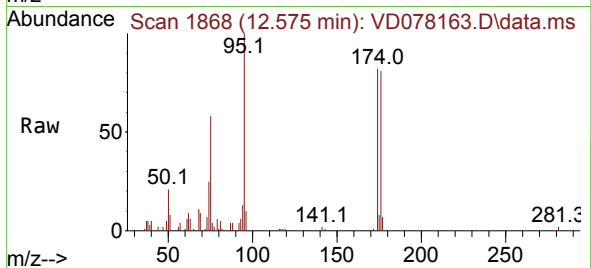
100 64.4 50.3 75.5



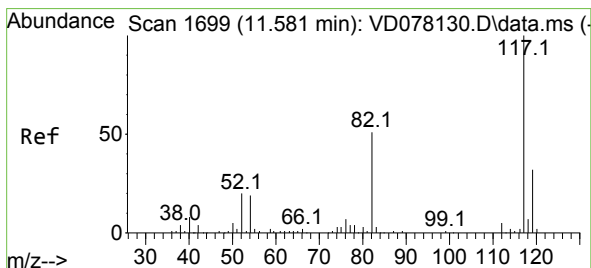
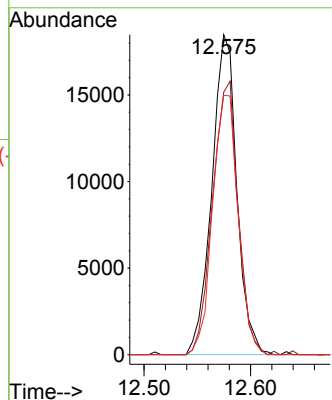
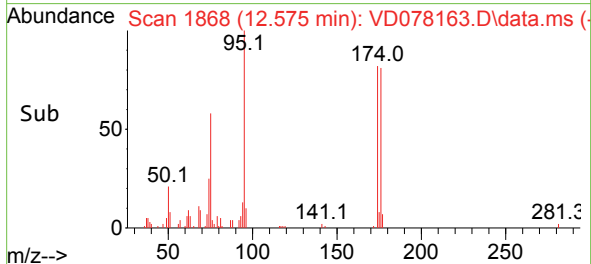


#62
4-Bromofluorobenzene
Concen: 49.391 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

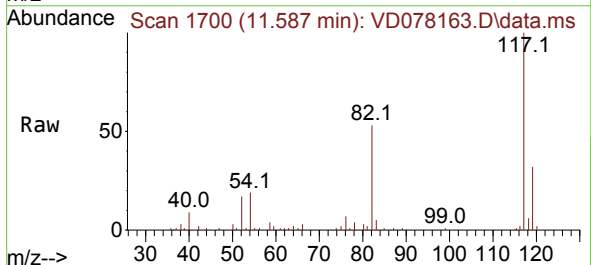
Instrument :
MSVOA_D
ClientSampleId :



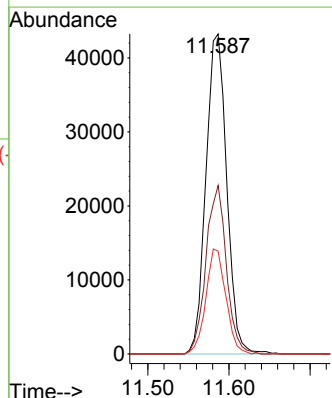
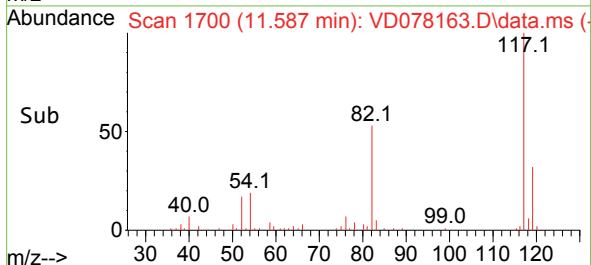
Tgt Ion: 95 Resp: 30084
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 83.1 0.0 191.8

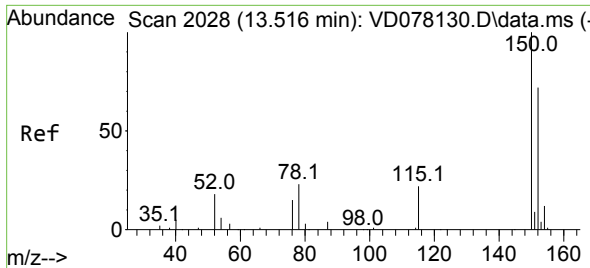


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47



Tgt Ion: 117 Resp: 76783
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.1 25.0 37.4

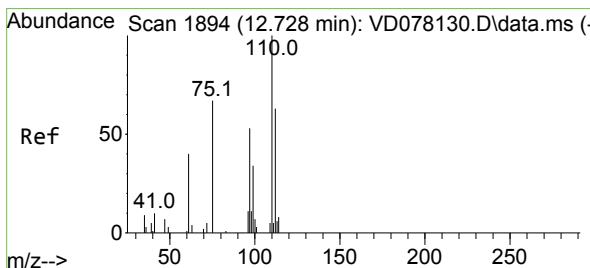
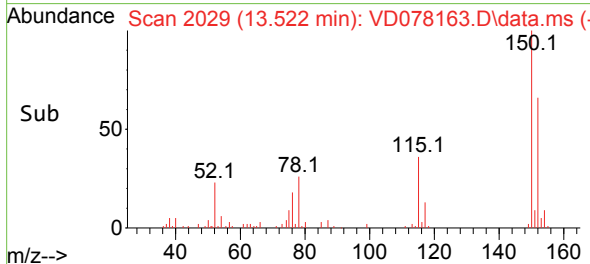
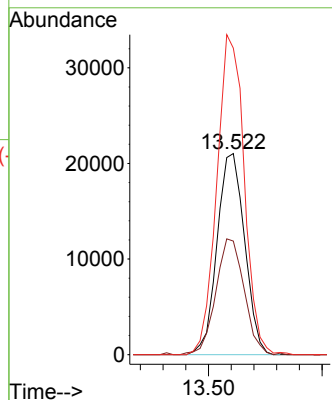
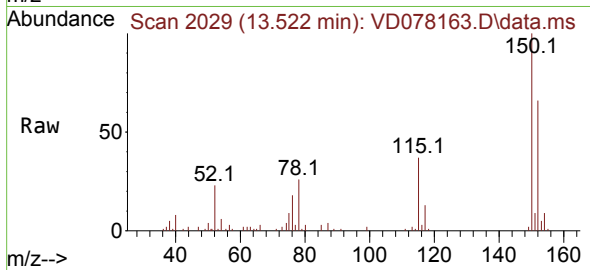




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

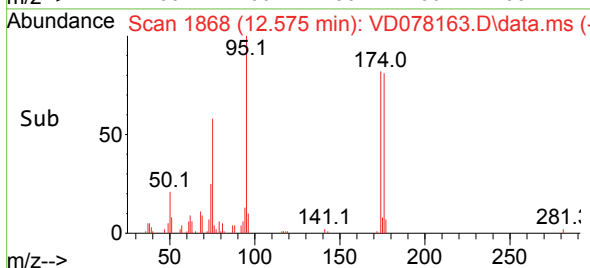
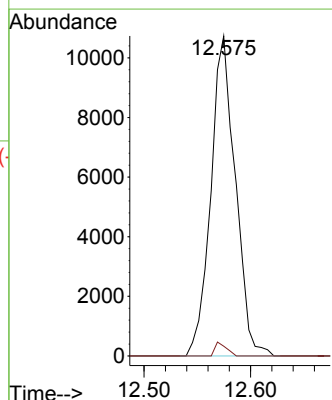
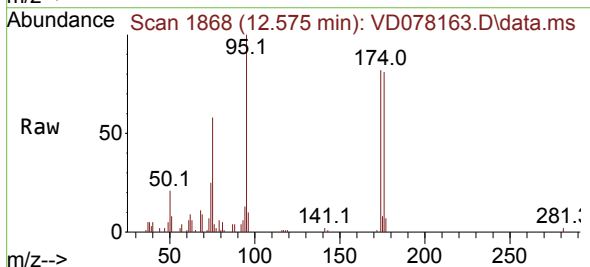
Instrument :
MSVOA_D
ClientSampleId :

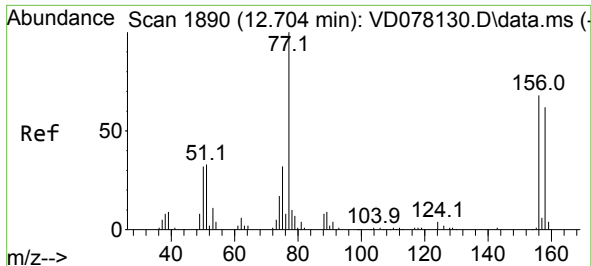
Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	27.1	81.3
150	157.9	0.0	353.6



#76
1,2,3-Trichloropropane
Concen: 49.236 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078163.D
Acq: 15 Jan 2024 15:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#

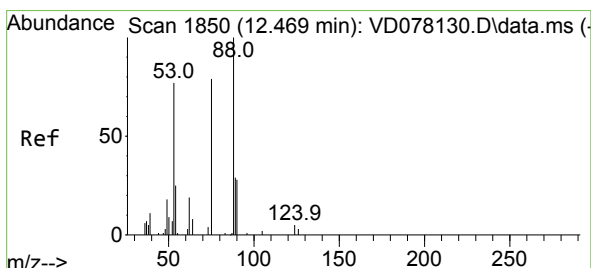
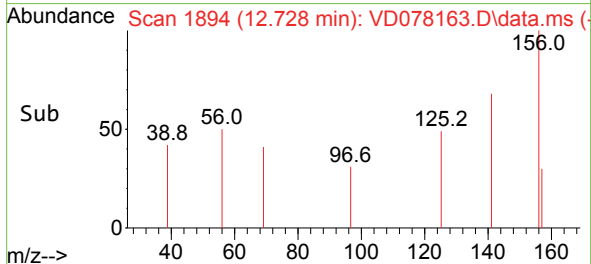
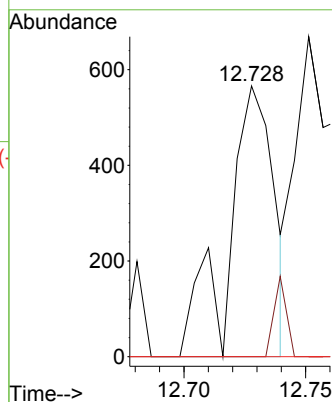
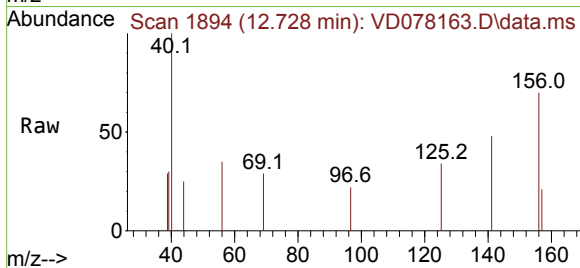




#77
 Bromobenzene
 Concen: 1.145 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.023 min
 Lab File: VD078163.D
 Acq: 15 Jan 2024 15:47

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:156 Resp: 741
 Ion Ratio Lower Upper
 156 100
 77 0.0 76.8 230.4#
 158 0.0 48.6 145.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.725 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078163.D
 Acq: 15 Jan 2024 15:47

Tgt Ion: 75 Resp: 17181
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

