

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079590.D
 Acq On : 05 Aug 2024 19:34
 Operator : RP/MD
 Sample : P3448-07
 Misc : 5.41G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Quant Time: Aug 06 02:49:37 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)

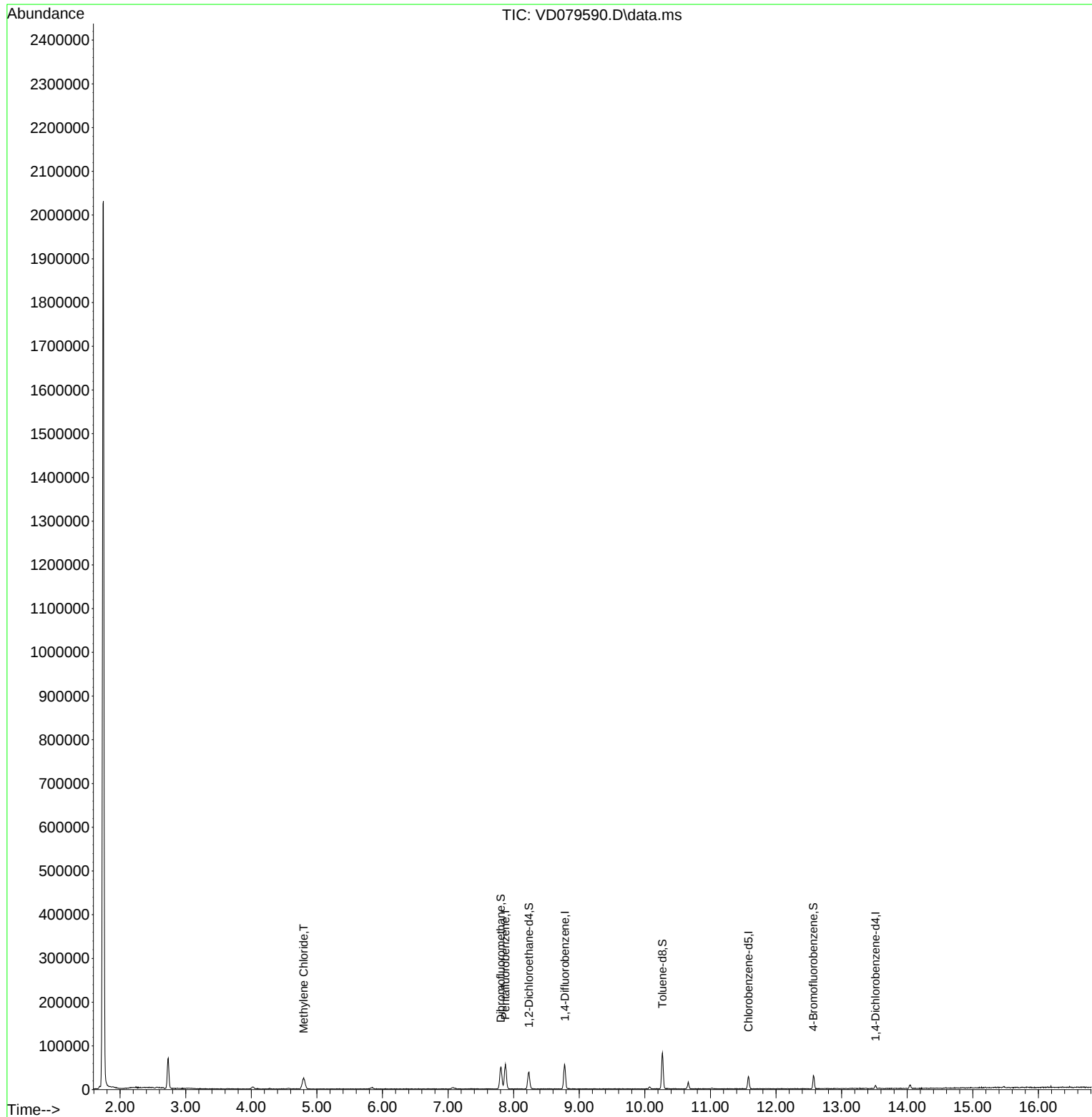
Internal Standards						
1) Pentafluorobenzene	7.875	168	44759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	52284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	30133	66.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.540%
35) Dibromofluoromethane	7.804	113	36867	104.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	208.360%#
50) Toluene-d8	10.269	98	59265	43.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.260%
62) 4-Bromofluorobenzene	12.569	95	3170	7.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	15.940%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	20234	23.817	ug/l #	89

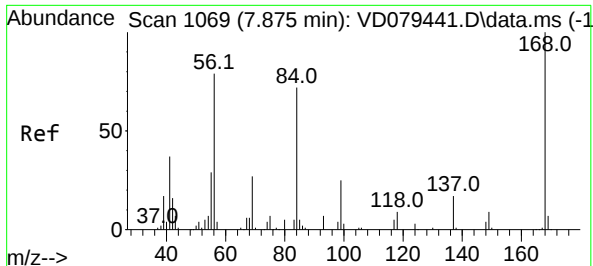
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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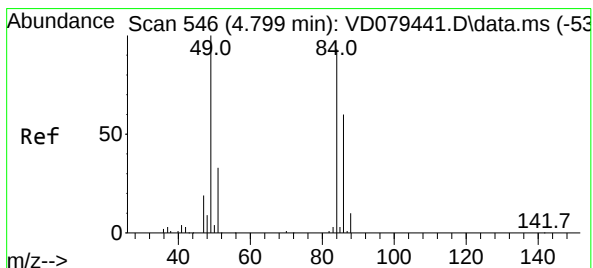
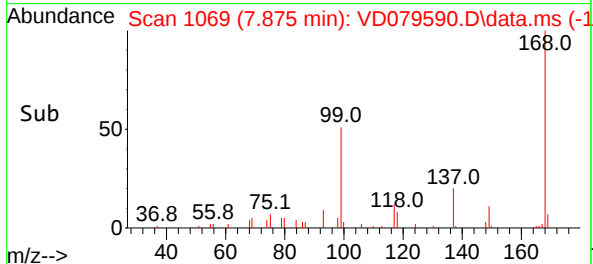
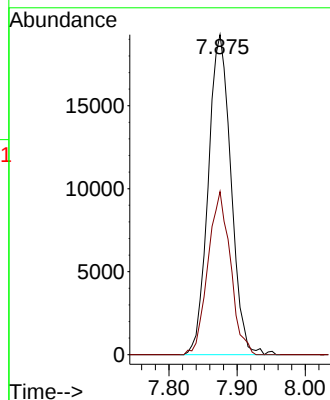
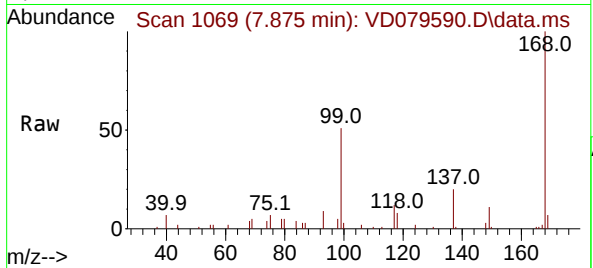




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079590.D
Acq: 05 Aug 2024 19:34

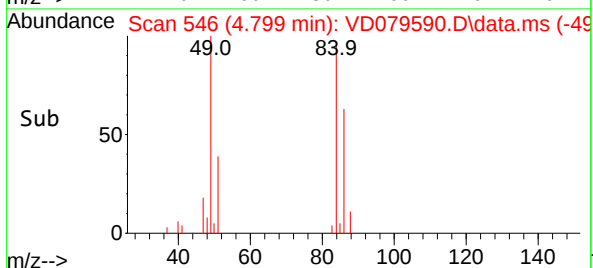
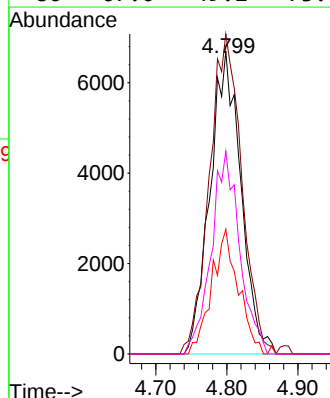
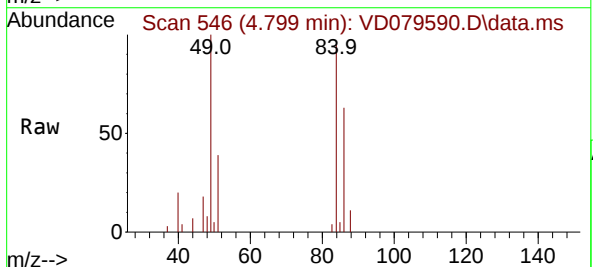
Instrument :
MSVOA_D
ClientSampleId :
TP4

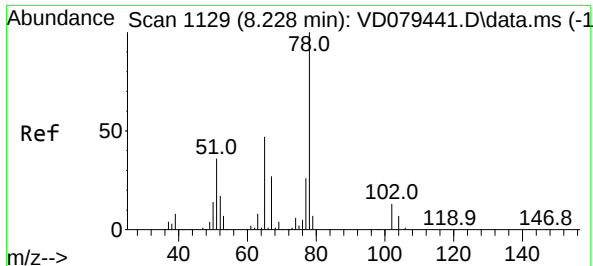
Tgt Ion:168 Resp: 44759
Ion Ratio Lower Upper
168 100
99 50.9 41.1 61.7



#20
Methylene Chloride
Concen: 23.817 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079590.D
Acq: 05 Aug 2024 19:34

Tgt Ion: 84 Resp: 20234
Ion Ratio Lower Upper
84 100
49 105.6 75.6 113.4
51 41.1 24.2 36.2#
86 67.0 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 66.269 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079590.D

Acq: 05 Aug 2024 19:34

Instrument :

MSVOA_D

ClientSampleId :

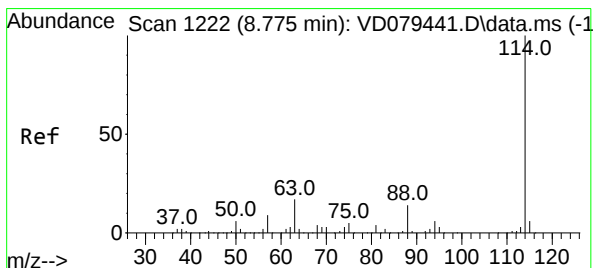
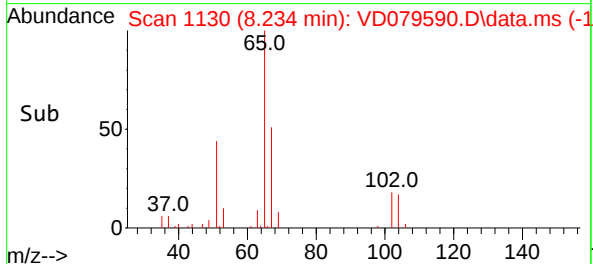
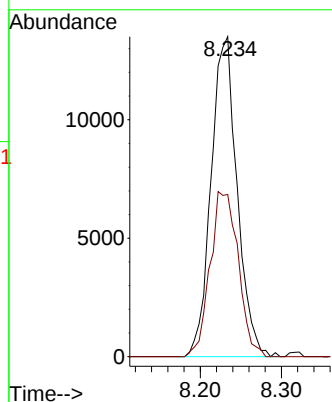
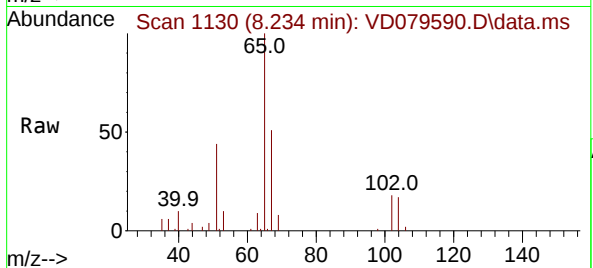
TP4

Tgt Ion: 65 Resp: 30133

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079590.D

Acq: 05 Aug 2024 19:34

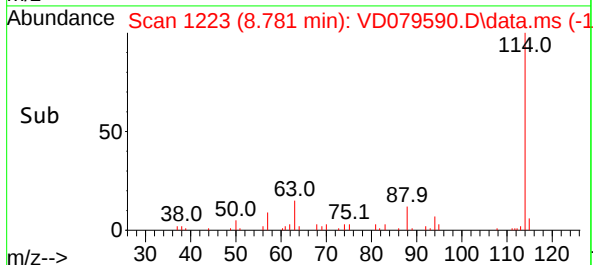
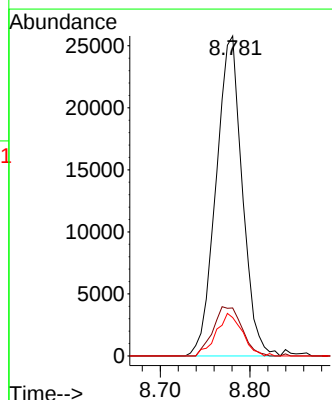
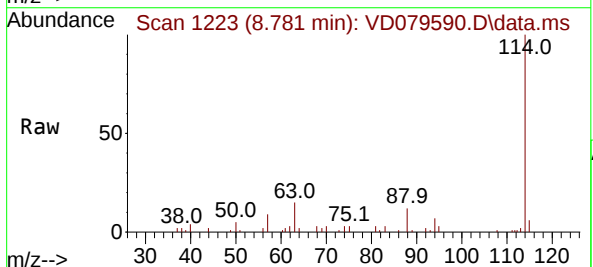
Tgt Ion: 114 Resp: 52284

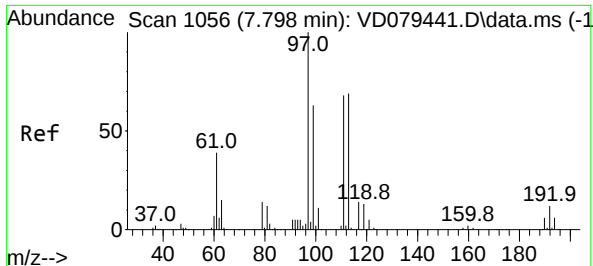
Ion Ratio Lower Upper

114 100

63 15.0 0.0 34.0

88 12.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 104.179 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079590.D

Acq: 05 Aug 2024 19:34

Instrument :

MSVOA_D

ClientSampleId :

TP4

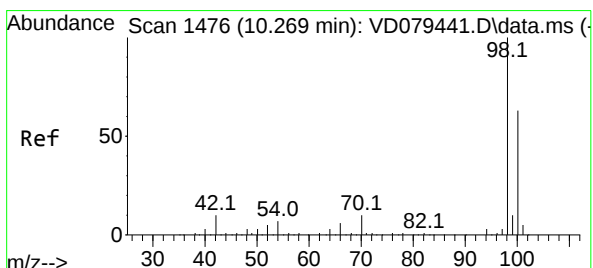
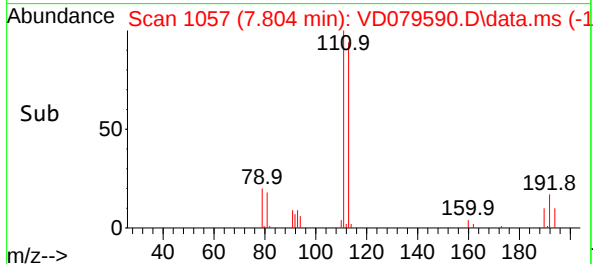
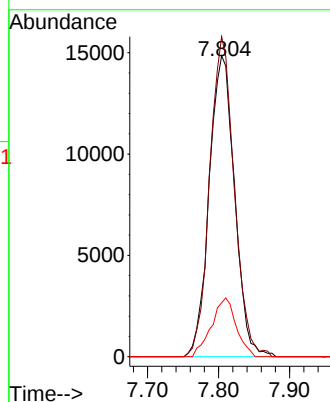
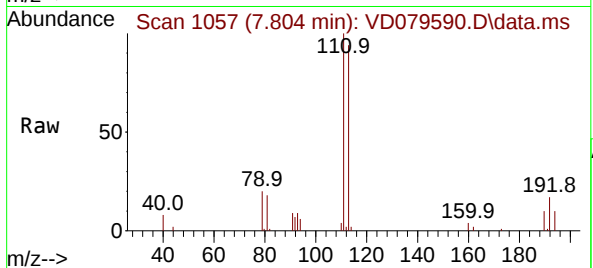
Tgt Ion:113 Resp: 36867

Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 18.9 15.4 23.0



#50

Toluene-d8

Concen: 43.125 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079590.D

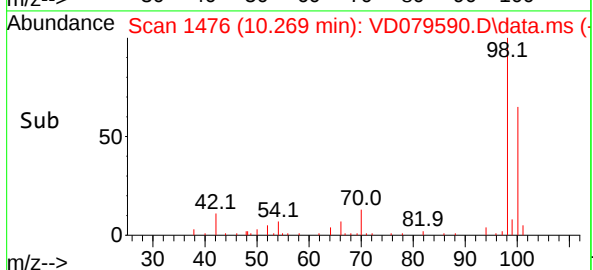
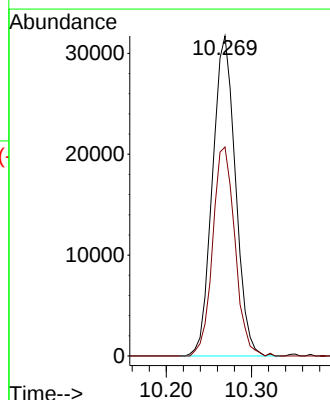
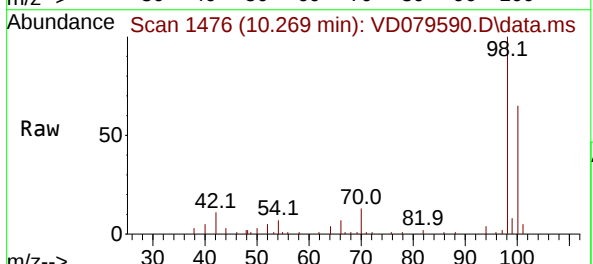
Acq: 05 Aug 2024 19:34

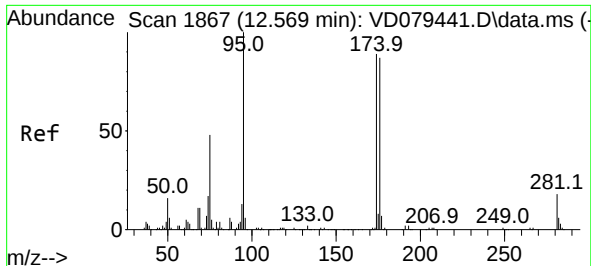
Tgt Ion: 98 Resp: 59265

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4

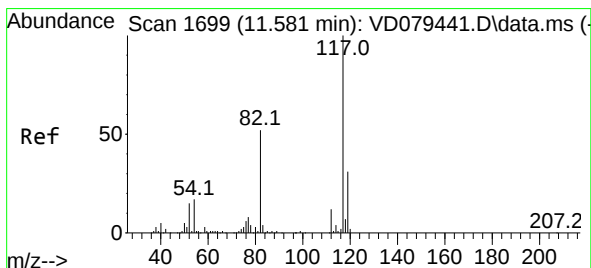
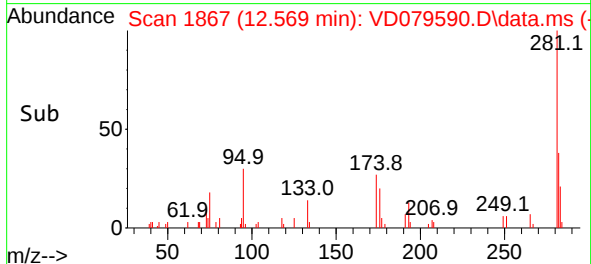
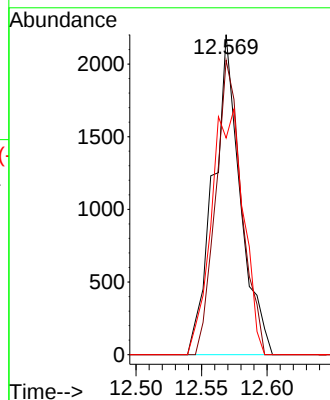
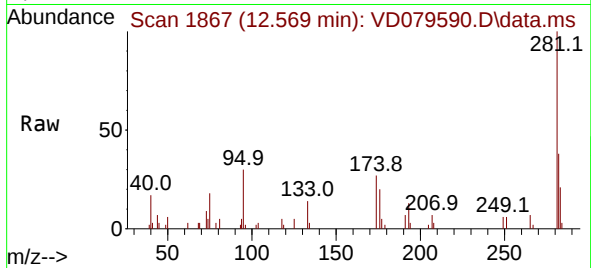




#62
4-Bromofluorobenzene
Concen: 7.971 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079590.D
Acq: 05 Aug 2024 19:34

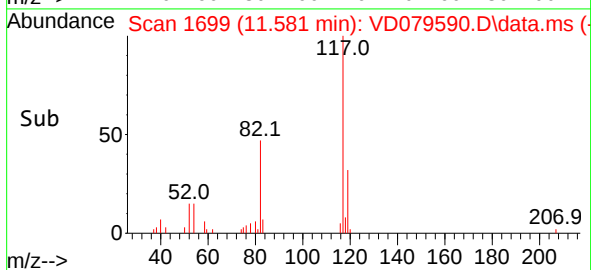
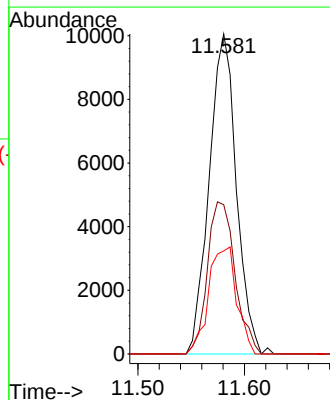
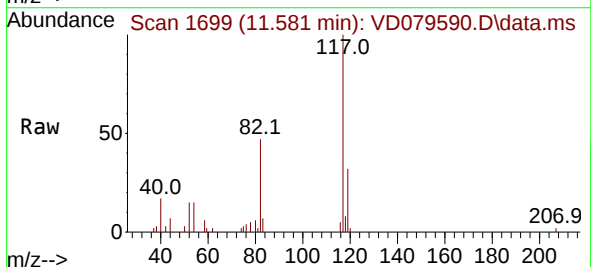
Instrument :
MSVOA_D
ClientSampleId :
TP4

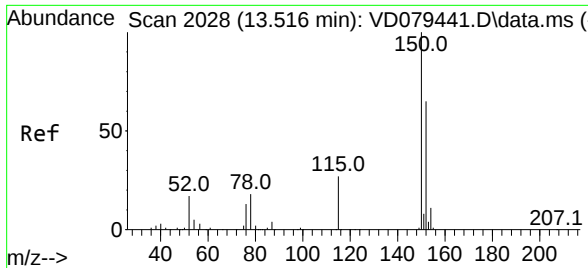
Tgt Ion:	95	Resp:	3170
Ion Ratio	Lower	Upper	
95	100		
174	88.2	0.0	195.4
176	91.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079590.D
Acq: 05 Aug 2024 19:34

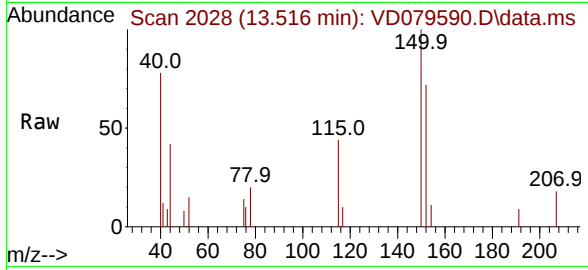
Tgt Ion:	117	Resp:	17836
Ion Ratio	Lower	Upper	
117	100		
82	46.7	39.8	59.6
119	32.2	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079590.D
 Acq: 05 Aug 2024 19:34

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4



Tgt Ion:	152	Resp:	1982
Ion	Ratio	Lower	Upper
152	100		
115	63.3	26.5	79.5
150	162.9	0.0	341.6

