

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074855.D
 Acq On : 10 Nov 2022 05:26
 Operator : VA/SY
 Sample : N5491-10
 Misc : 4.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Nov 10 05:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

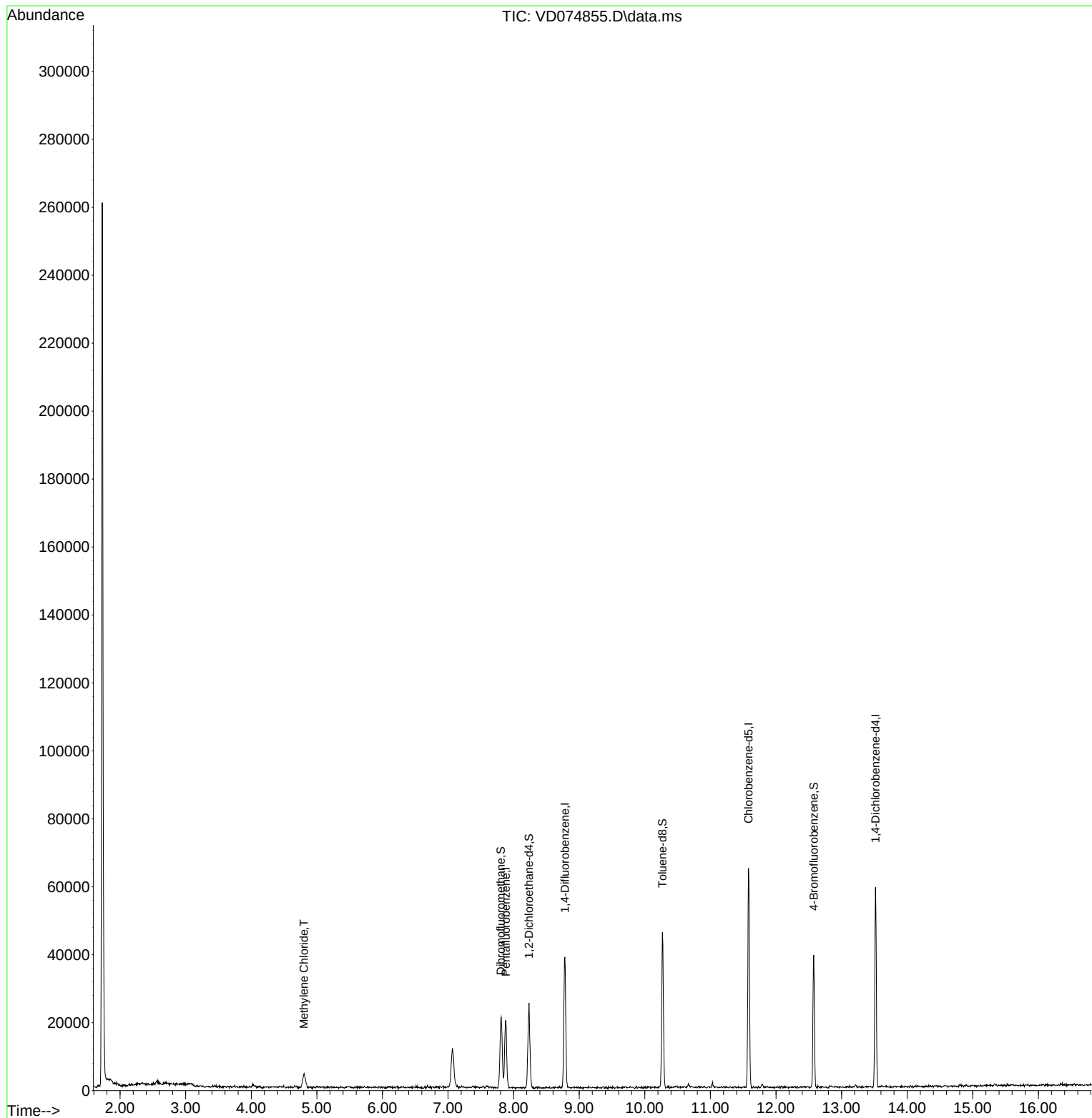
Internal Standards						
1) Pentafluorobenzene	7.881	168	16970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	38754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	41321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	17572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	18826	140.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 280.140%#	
35) Dibromofluoromethane	7.805	113	15965	69.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.280%	
50) Toluene-d8	10.269	98	33841	40.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 80.940%	
62) 4-Bromofluorobenzene	12.575	95	12475	51.668	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.340%	
Target Compounds						Qvalue
20) Methylene Chloride	4.805	84	3831	6.300	ug/l	89

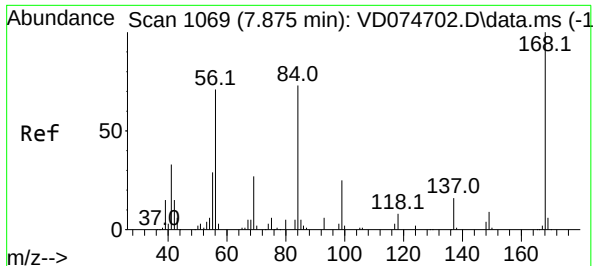
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
Data File : VD074855.D
Acq On : 10 Nov 2022 05:26
Operator : VA/SY
Sample : N5491-10
Misc : 4.23G/5.00ml/MSVOA_D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Quant Time: Nov 10 05:51:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

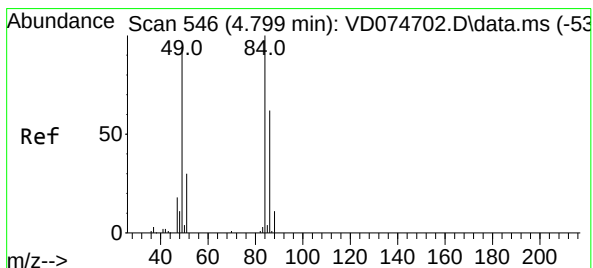
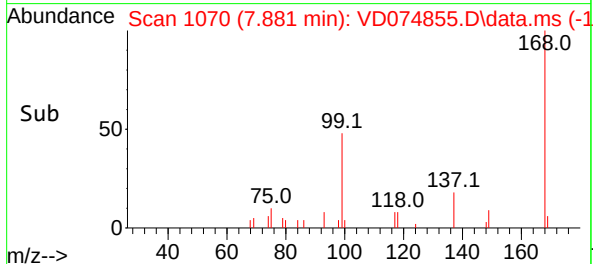
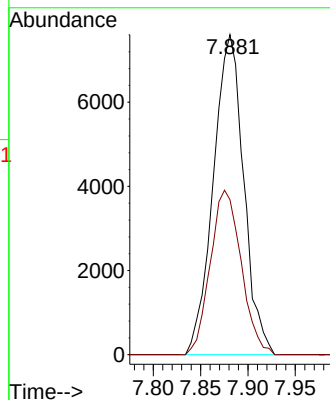
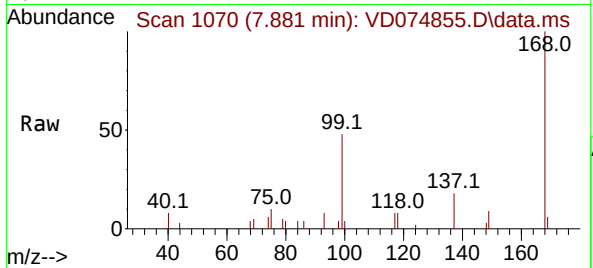




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

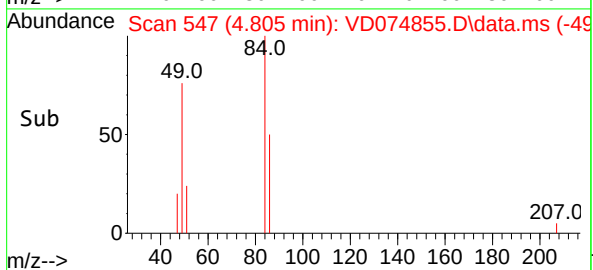
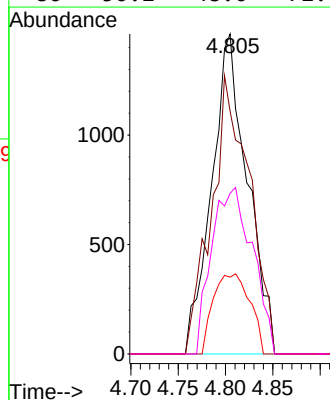
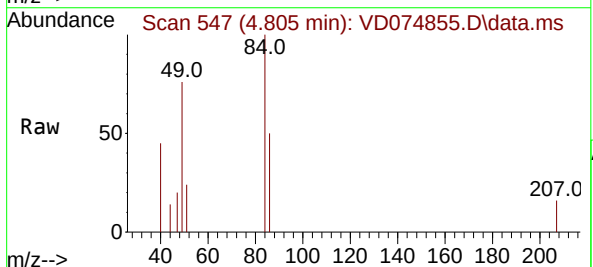
Instrument :
MSVOA_D
ClientSampleId :
TP-4

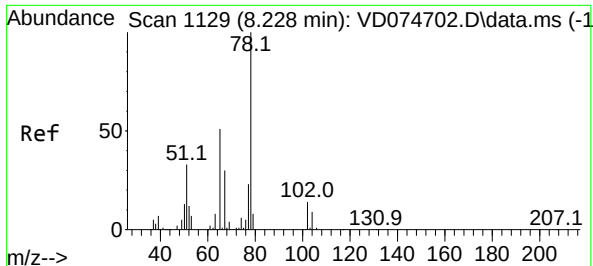
Tgt Ion:168 Resp: 16970
Ion Ratio Lower Upper
168 100
99 48.4 40.9 61.3



#20
Methylene Chloride
Concen: 6.300 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Tgt Ion: 84 Resp: 3831
Ion Ratio Lower Upper
84 100
49 75.8 68.0 102.0
51 24.0 23.2 34.8
86 50.2 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 140.068 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074855.D

Acq: 10 Nov 2022 05:26

Instrument :

MSVOA_D

ClientSampleId :

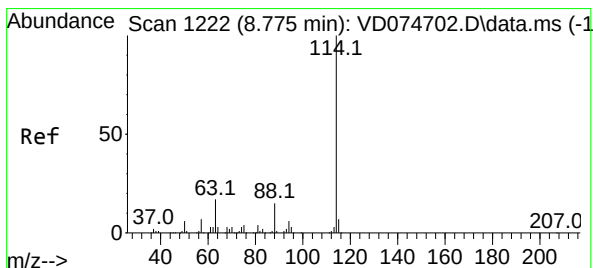
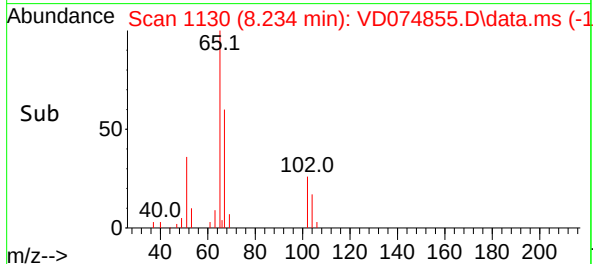
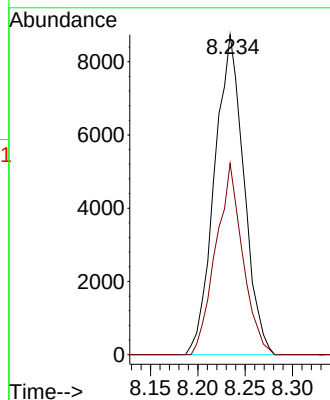
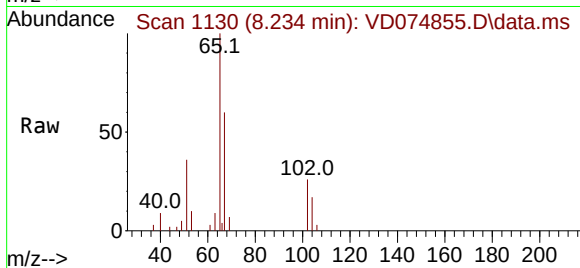
TP-4

Tgt Ion: 65 Resp: 18826

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074855.D

Acq: 10 Nov 2022 05:26

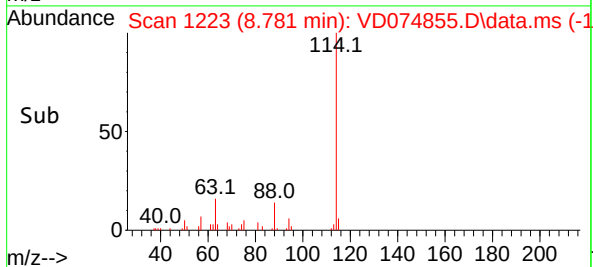
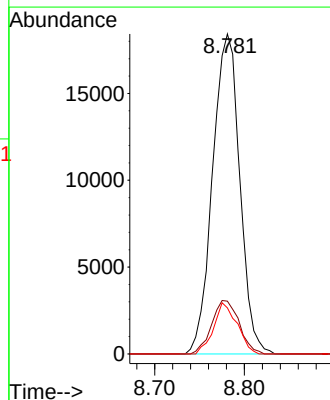
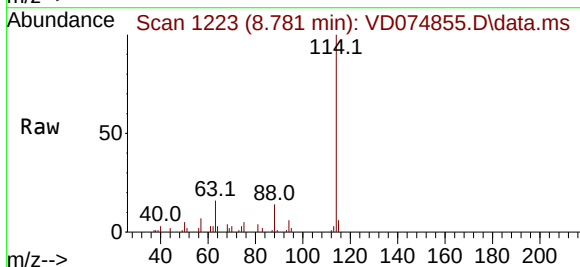
Tgt Ion: 114 Resp: 38754

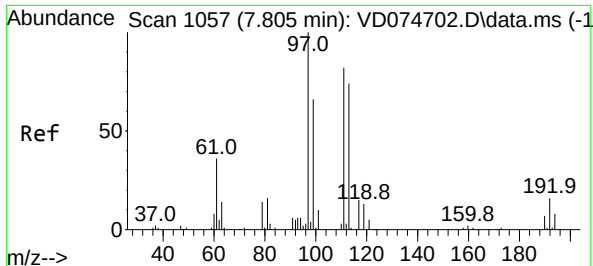
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 69.642 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074855.D

Acq: 10 Nov 2022 05:26

Instrument :

MSVOA_D

ClientSampleId :

TP-4

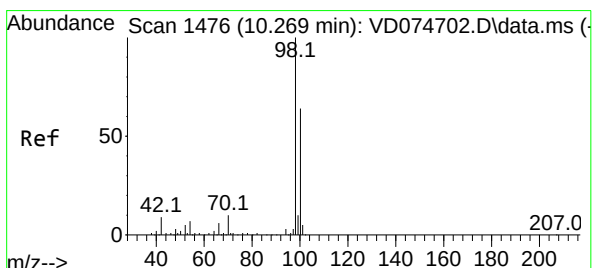
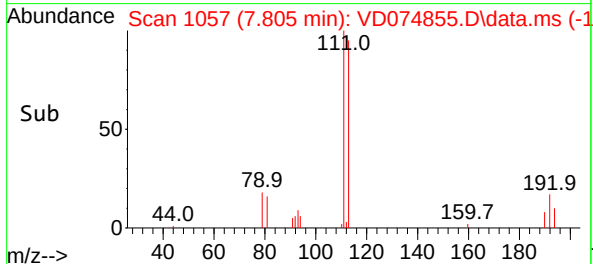
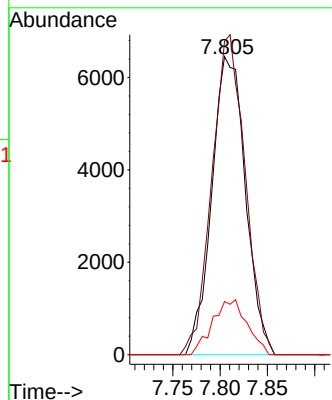
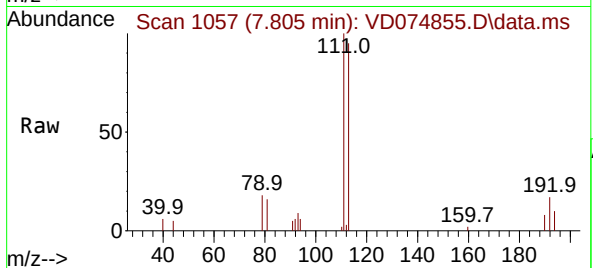
Tgt Ion:113 Resp: 15965

Ion Ratio Lower Upper

113 100

111 105.6 82.3 123.5

192 18.9 16.4 24.6



#50

Toluene-d8

Concen: 40.469 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074855.D

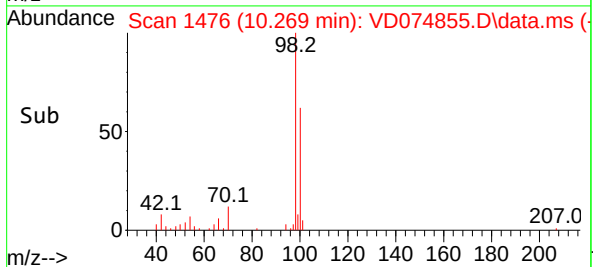
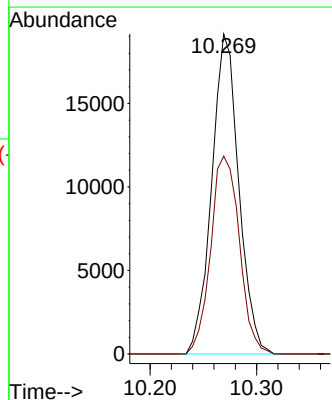
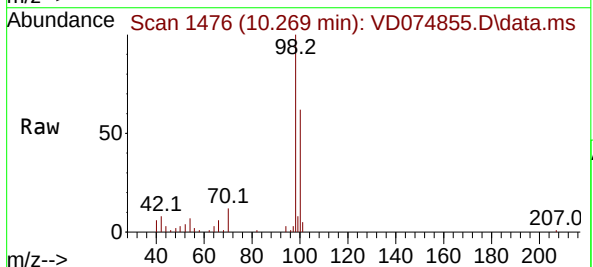
Acq: 10 Nov 2022 05:26

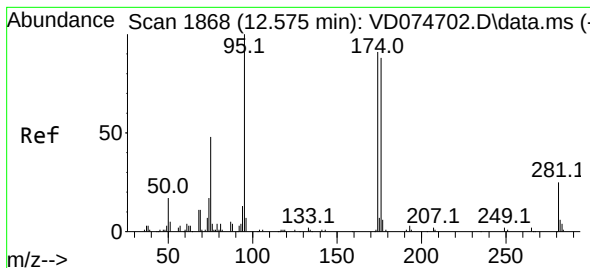
Tgt Ion: 98 Resp: 33841

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

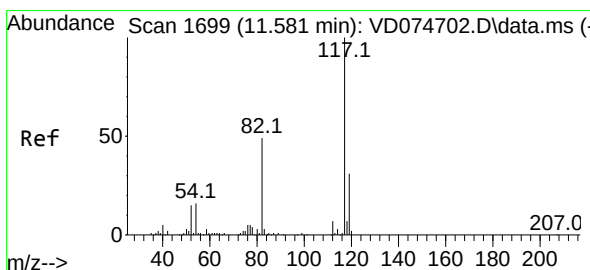
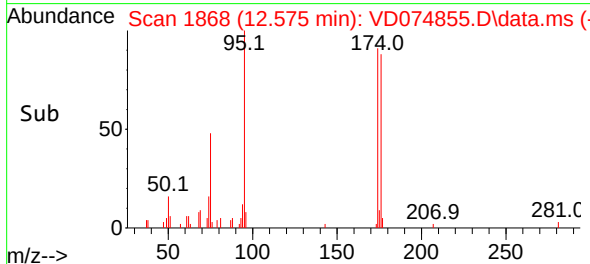
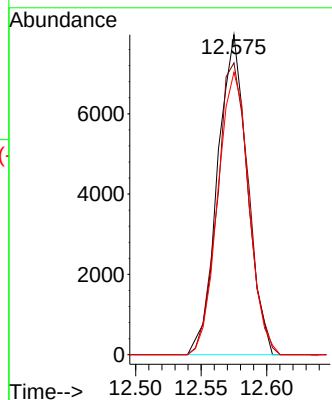
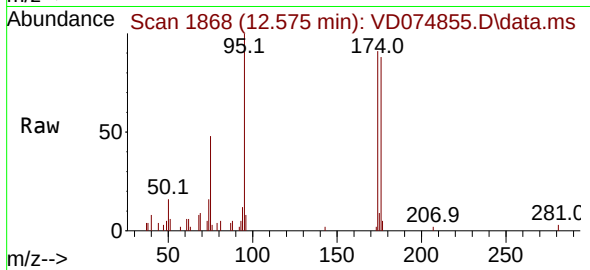




#62
4-Bromofluorobenzene
Concen: 51.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

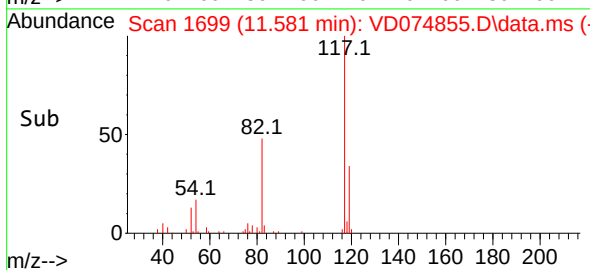
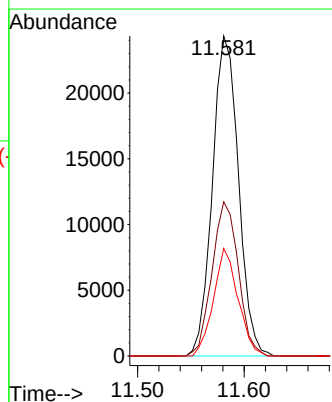
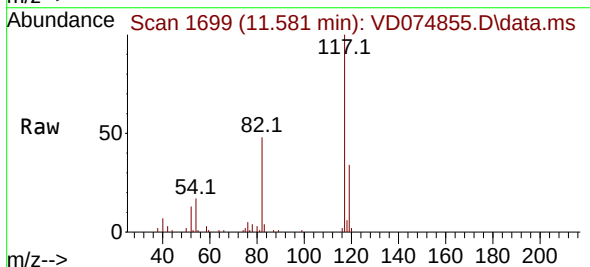
Instrument :
MSVOA_D
ClientSampleId :
TP-4

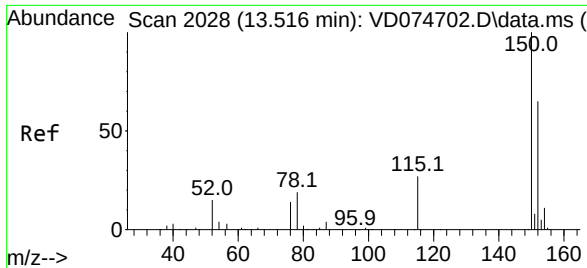
Tgt Ion:	95	Resp:	12475
Ion Ratio	Lower	Upper	
95	100		
174	96.9	0.0	197.0
176	92.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

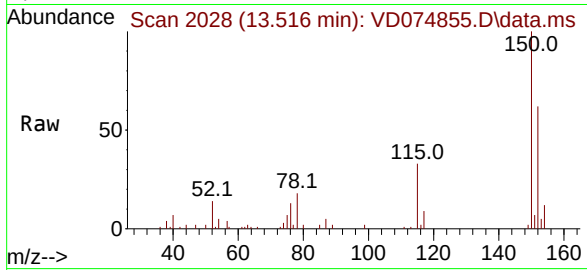
Tgt Ion:	117	Resp:	41321
Ion Ratio	Lower	Upper	
117	100		
82	48.1	41.6	62.4
119	33.6	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074855.D
 Acq: 10 Nov 2022 05:26

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4



Tgt Ion:152 Resp: 17572
 Ion Ratio Lower Upper
 152 100
 115 53.7 26.8 80.4
 150 155.9 0.0 348.2

