

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078697.D
 Acq On : 18 Mar 2024 15:23
 Operator : RP/MD
 Sample : P1786-02
 Misc : 6.45G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22

Quant Time: Mar 19 01:27:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

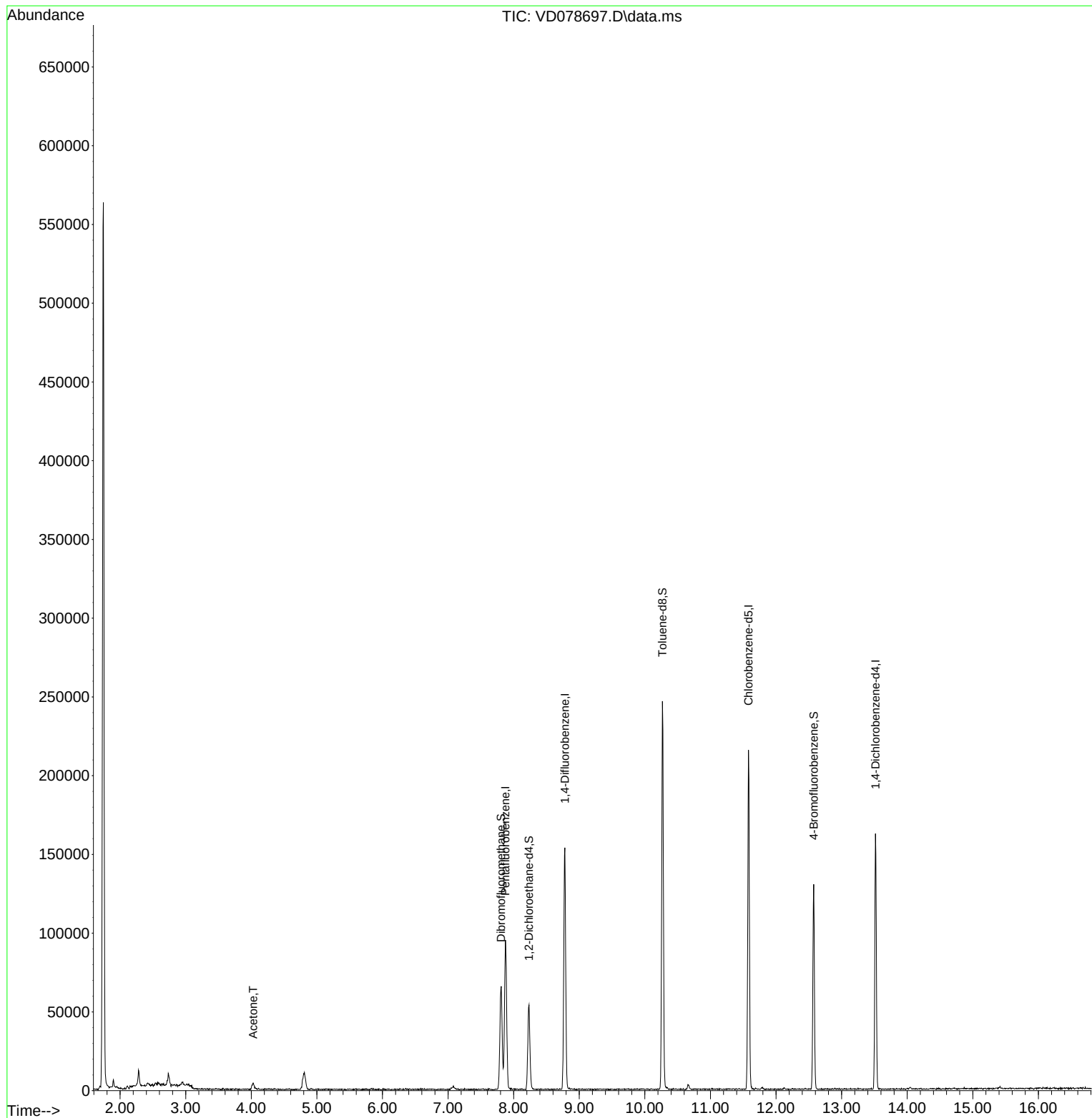
Internal Standards						
1) Pentafluorobenzene	7.875	168	74810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	141236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	127860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40114	57.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.440%	
35) Dibromofluoromethane	7.810	113	49155	54.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.269	98	172917	51.705	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.575	95	38962	39.823	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.640%	
Target Compounds						
16) Acetone	4.028	43	6154	45.393	ug/l	Qvalue 97

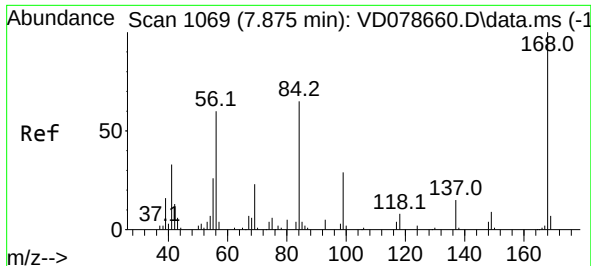
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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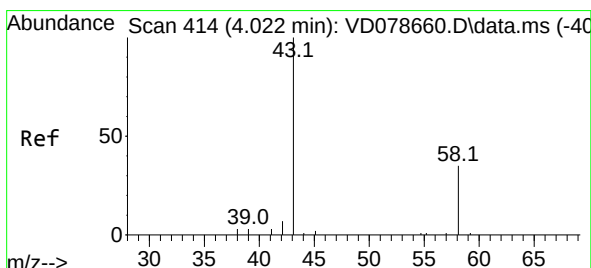
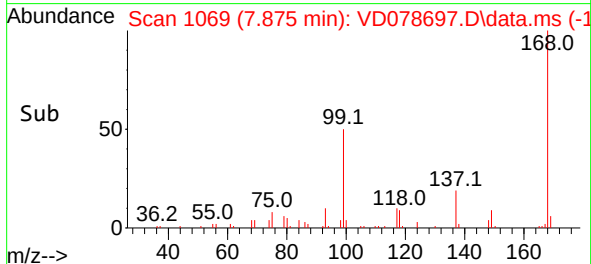
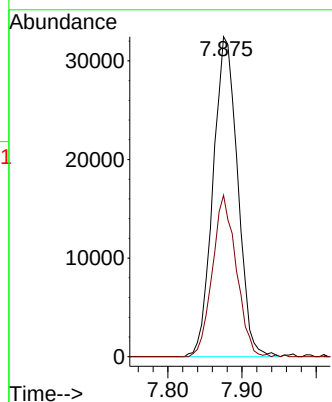
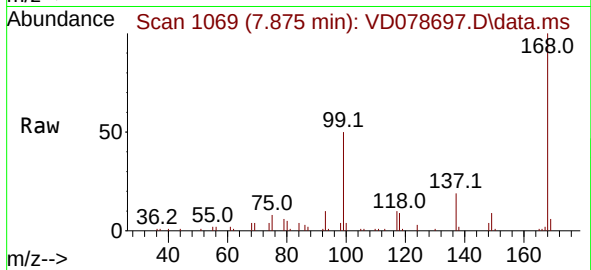




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

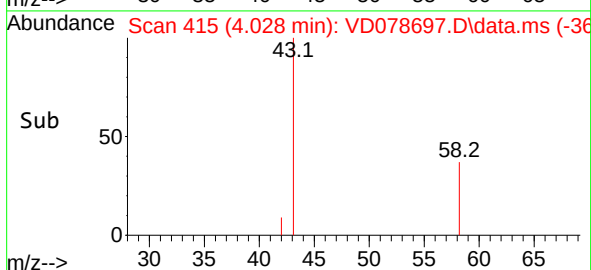
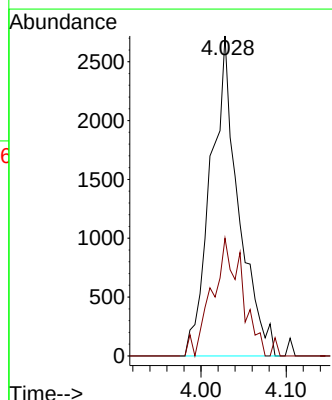
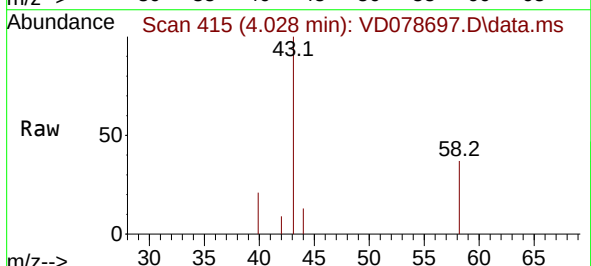
Instrument :
MSVOA_D
ClientSampleId :
TP-22

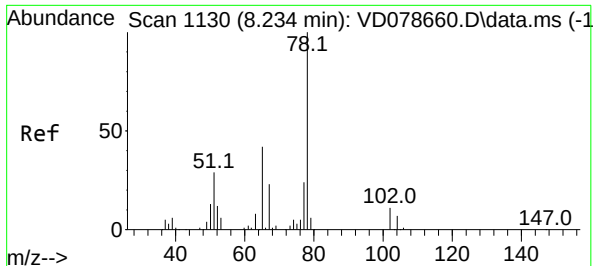
Tgt Ion:168 Resp: 74810
Ion Ratio Lower Upper
168 100
99 50.5 38.8 58.2



#16
Acetone
Concen: 45.393 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

Tgt Ion: 43 Resp: 6154
Ion Ratio Lower Upper
43 100
58 36.8 28.2 42.4





#33

1,2-Dichloroethane-d4

Concen: 57.216 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078697.D

Acq: 18 Mar 2024 15:23

Instrument :

MSVOA_D

ClientSampleId :

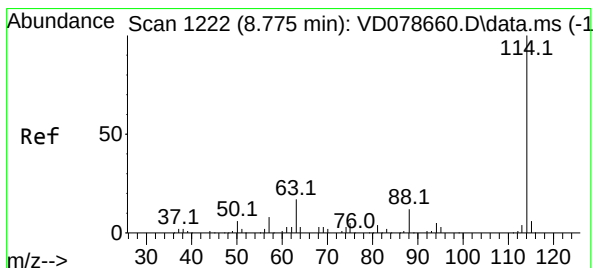
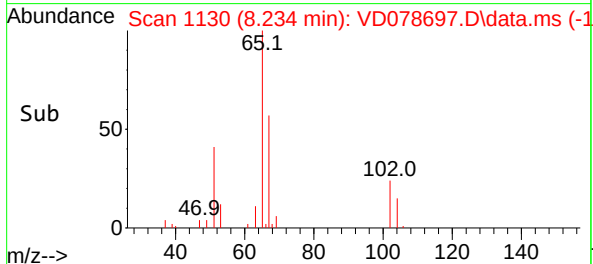
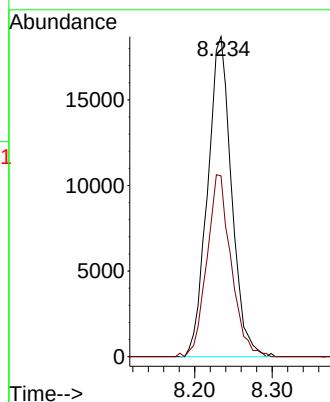
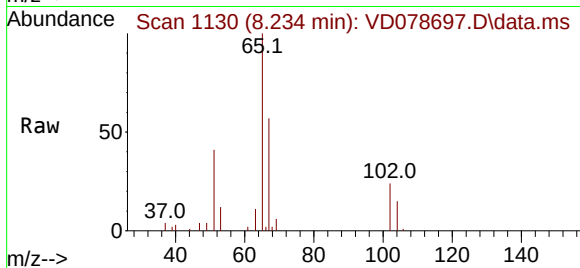
TP-22

Tgt Ion: 65 Resp: 40114

Ion Ratio Lower Upper

65 100

67 57.7 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: VD078697.D

Acq: 18 Mar 2024 15:23

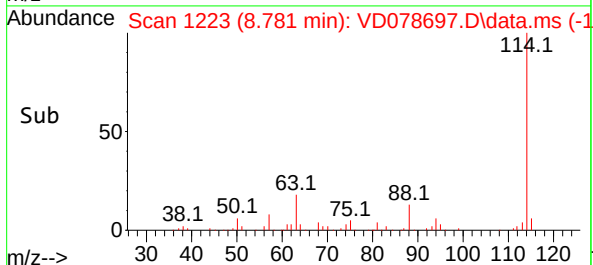
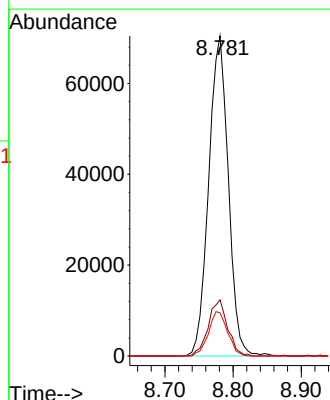
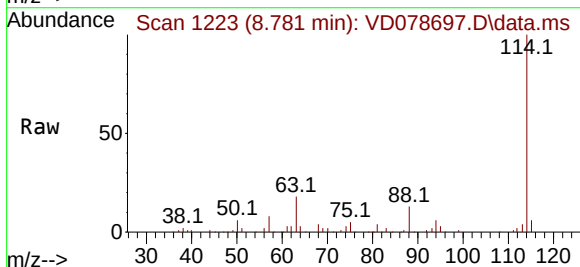
Tgt Ion: 114 Resp: 141236

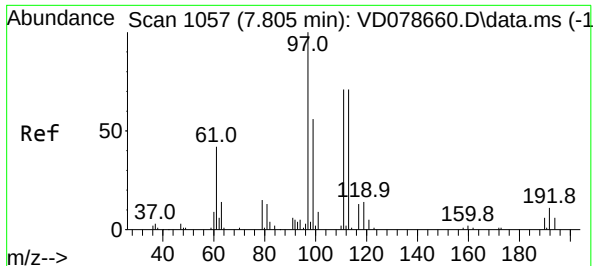
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.5 0.0 24.6





#35

Dibromofluoromethane

Concen: 54.055 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078697.D

Acq: 18 Mar 2024 15:23

Instrument :

MSVOA_D

ClientSampleId :

TP-22

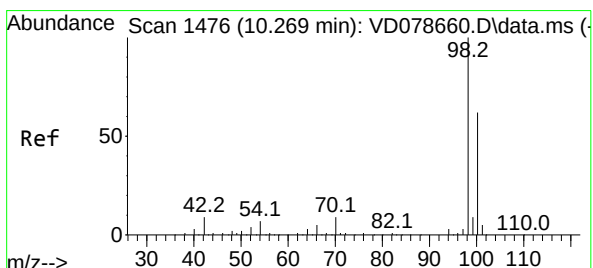
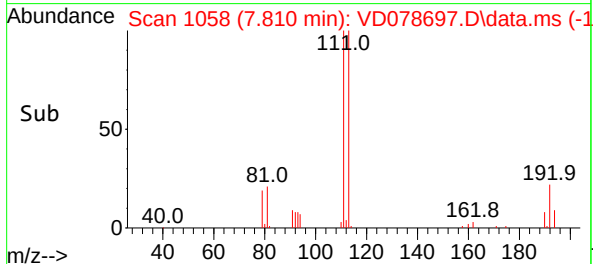
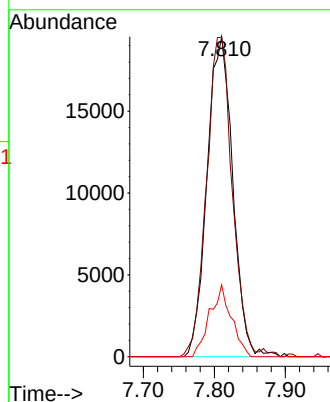
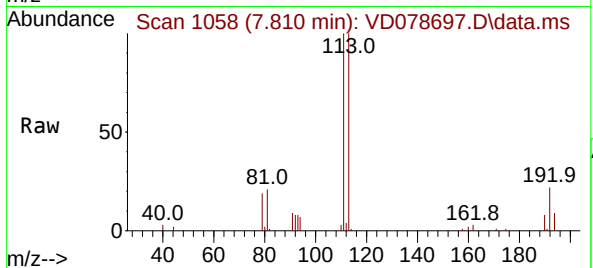
Tgt Ion:113 Resp: 49155

Ion Ratio Lower Upper

113 100

111 99.4 81.9 122.9

192 18.9 15.4 23.0



#50

Toluene-d8

Concen: 51.705 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078697.D

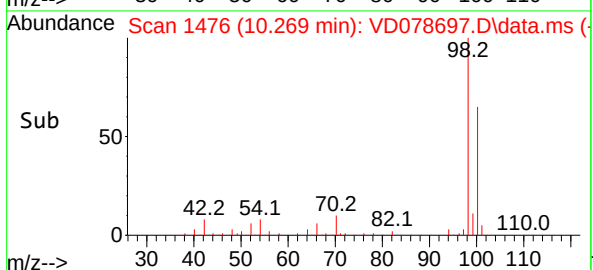
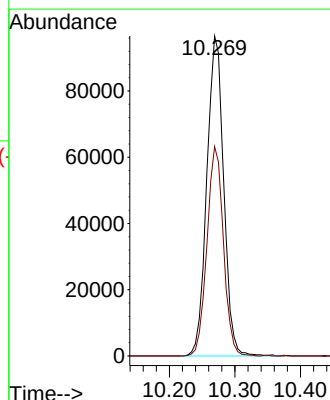
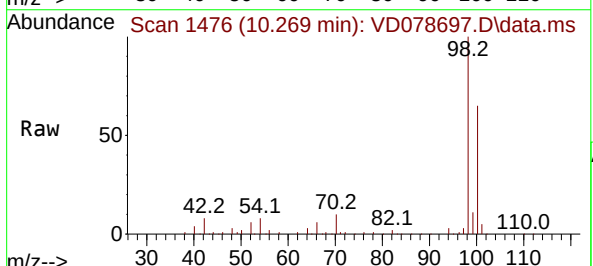
Acq: 18 Mar 2024 15:23

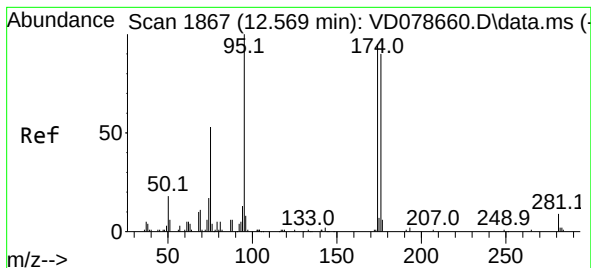
Tgt Ion: 98 Resp: 172917

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

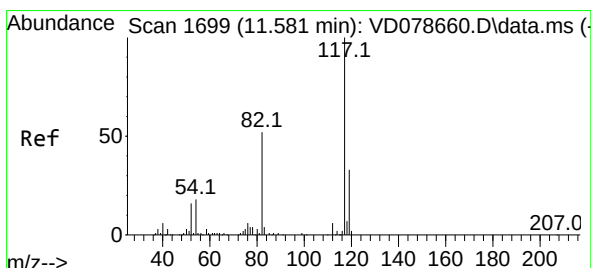
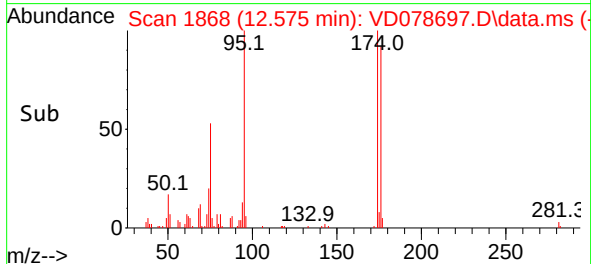
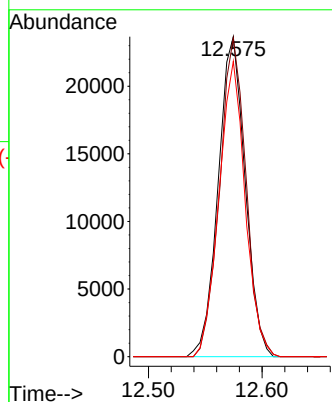
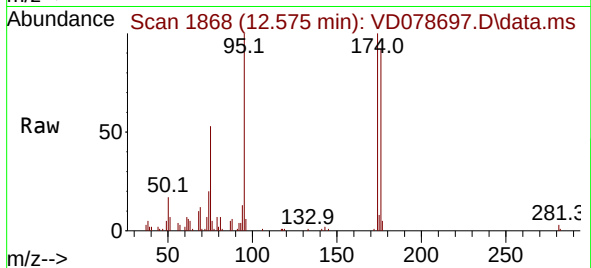




#62
4-Bromofluorobenzene
Concen: 39.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

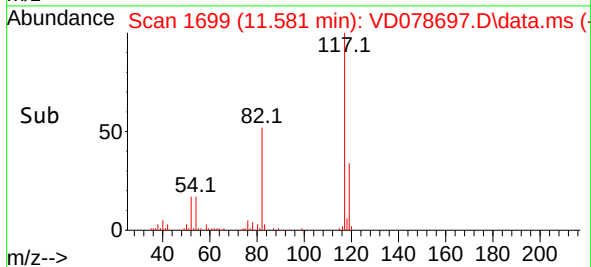
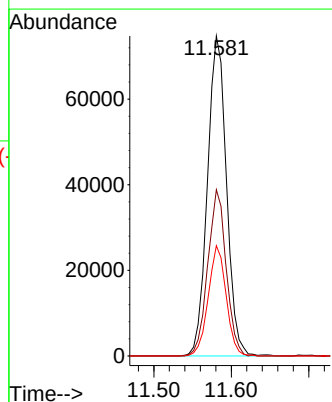
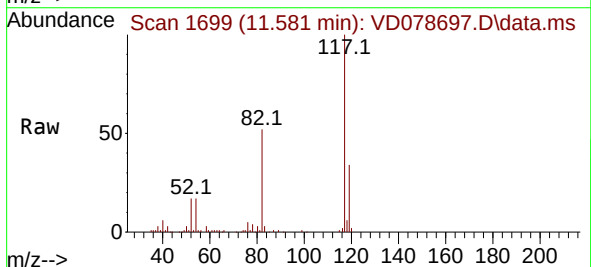
Instrument :
MSVOA_D
ClientSampleId :
TP-22

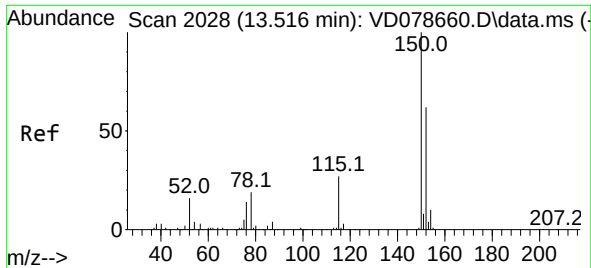
Tgt Ion: 95 Resp: 38962
Ion Ratio Lower Upper
95 100
174 97.1 0.0 195.2
176 89.9 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

Tgt Ion: 117 Resp: 127860
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 34.5 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078697.D
 Acq: 18 Mar 2024 15:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22

Tgt Ion:152 Resp: 44540
 Ion Ratio Lower Upper
 152 100
 115 56.9 27.1 81.2
 150 158.7 0.0 350.2

