

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076521.D
 Acq On : 21 Jun 2023 19:22
 Operator : KP/SY
 Sample : 03355-05
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

Quant Time: Jun 22 02:02:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

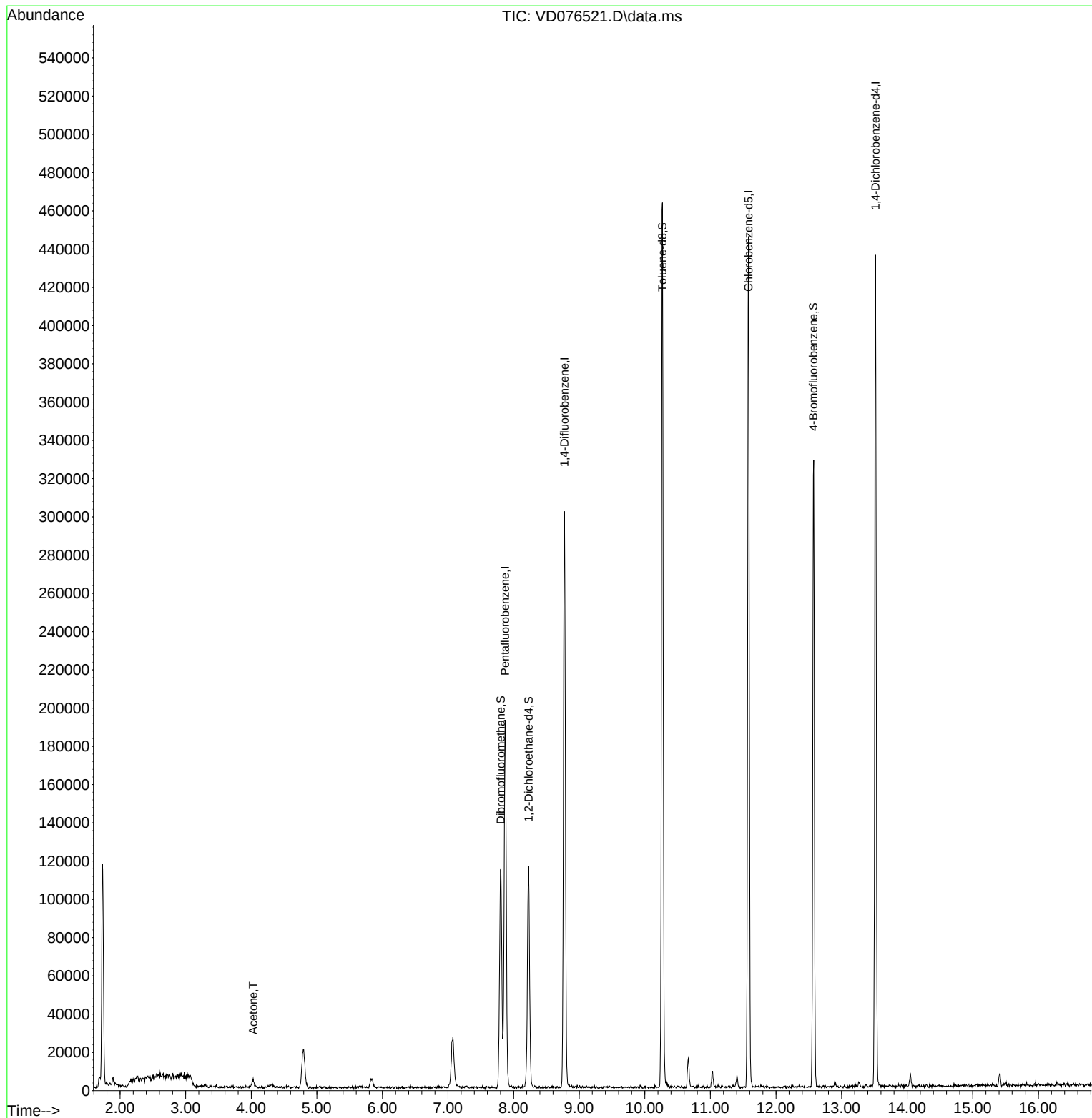
Internal Standards						
1) Pentafluorobenzene	7.869	168	151416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	266088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86134	56.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.560%	
35) Dibromofluoromethane	7.805	113	82433	52.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.300%	
50) Toluene-d8	10.269	98	319286	53.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.569	95	95568	49.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.240%	
Target Compounds						
16) Acetone	4.028	43	6497	17.997	ug/l	Qvalue # 81

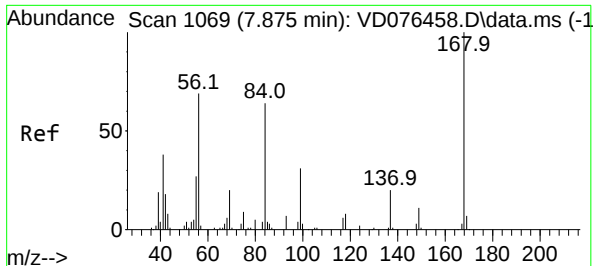
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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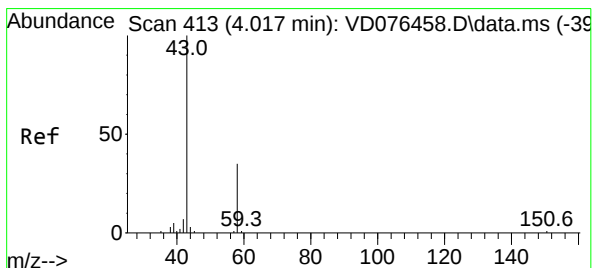
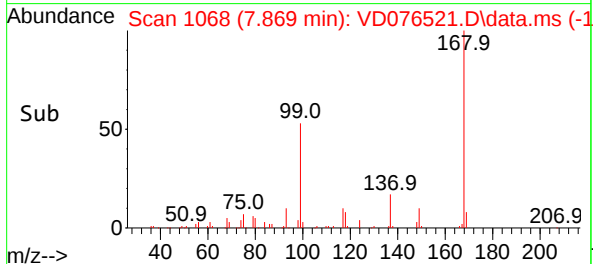
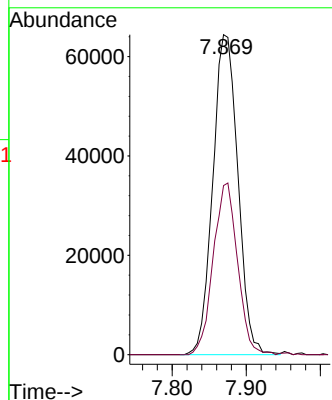
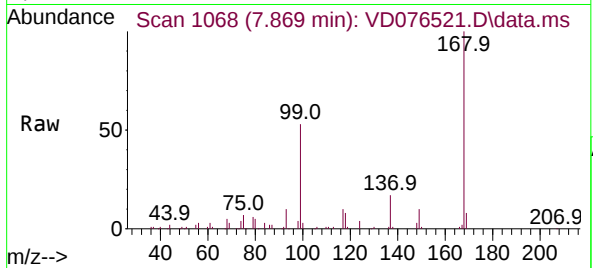




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

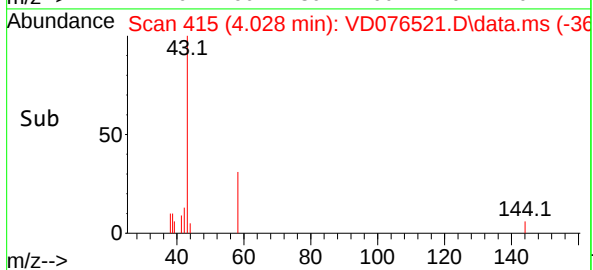
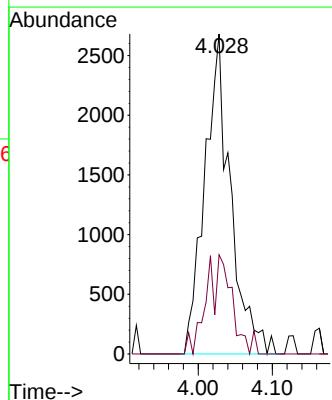
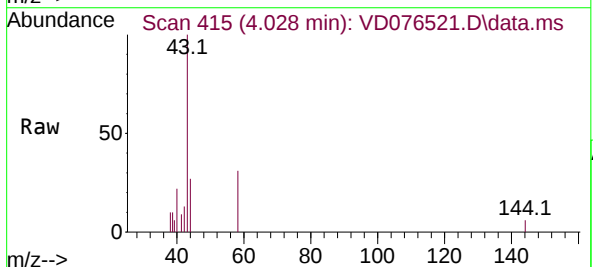
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

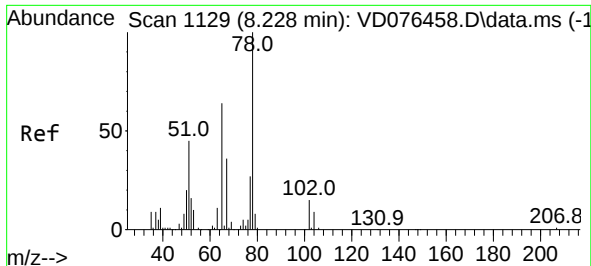
Tgt Ion:168 Resp: 151416
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#16
Acetone
Concen: 17.997 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

Tgt Ion: 43 Resp: 6497
Ion Ratio Lower Upper
43 100
58 31.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 56.777 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

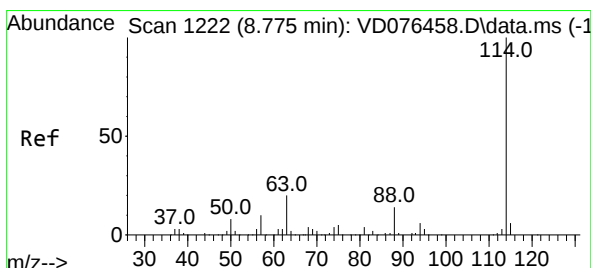
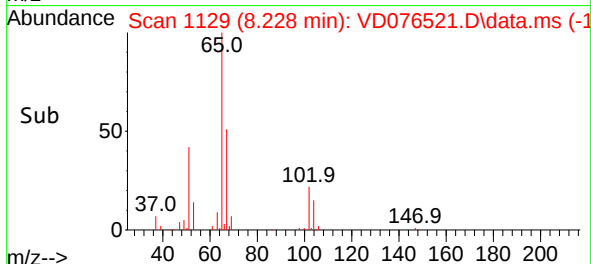
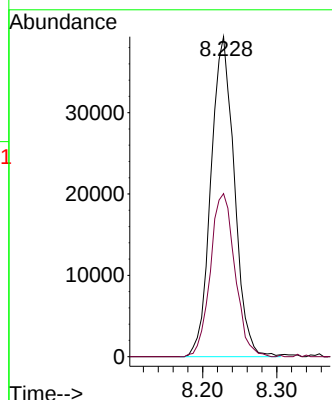
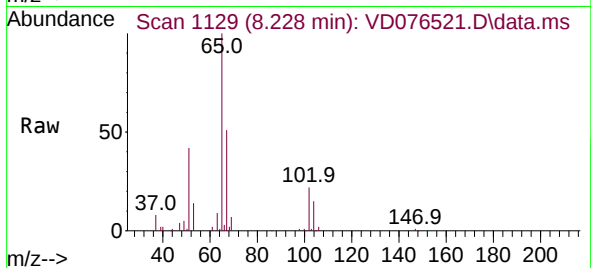
SB-03-6.5-7.0

Tgt Ion: 65 Resp: 86134

Ion Ratio Lower Upper

65 100

67 53.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

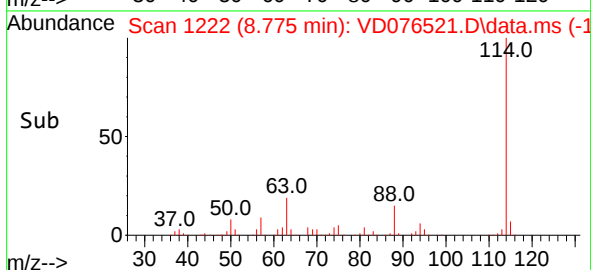
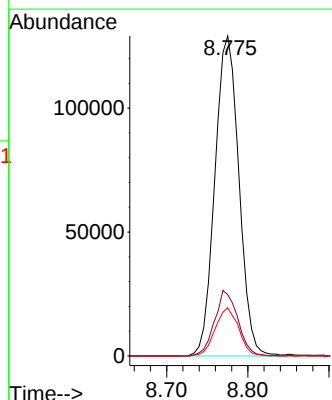
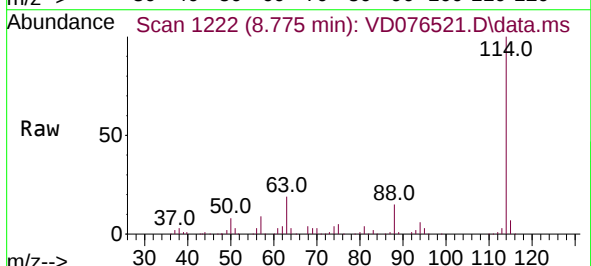
Tgt Ion: 114 Resp: 266088

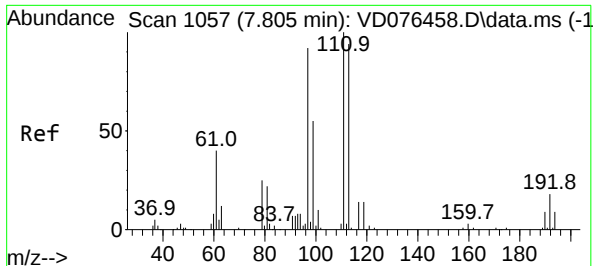
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 15.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.148 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

SB-03-6.5-7.0

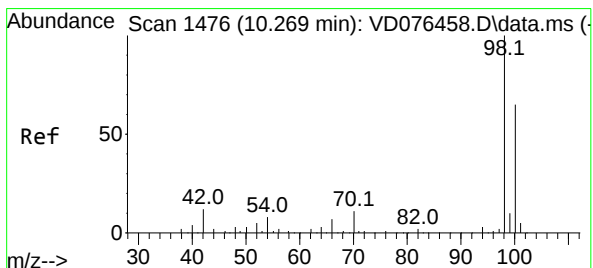
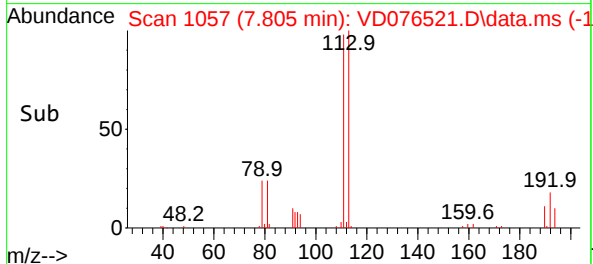
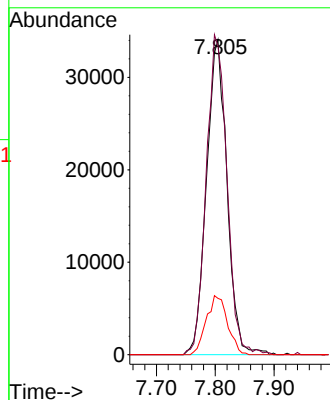
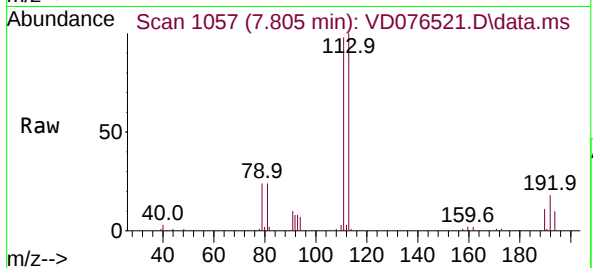
Tgt Ion:113 Resp: 82433

Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 19.4 16.8 25.2



#50

Toluene-d8

Concen: 53.260 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076521.D

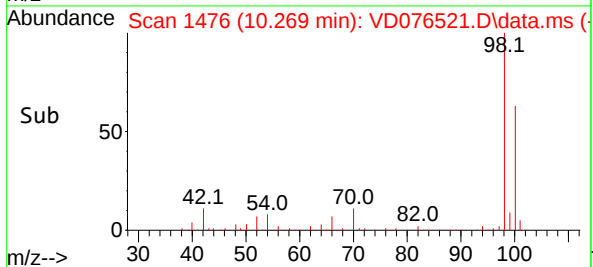
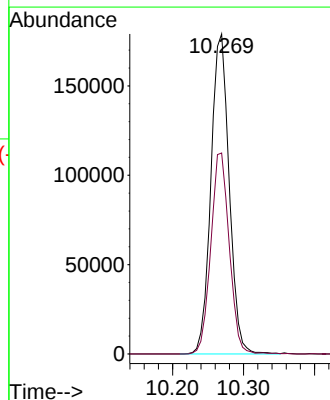
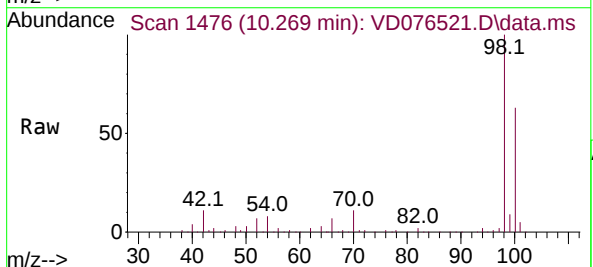
Acq: 21 Jun 2023 19:22

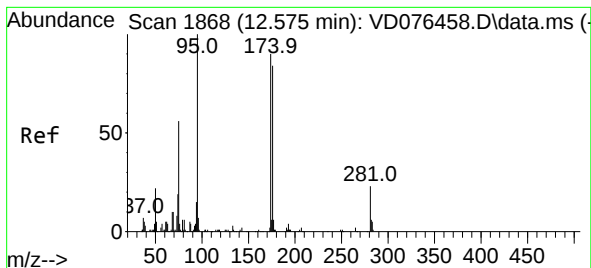
Tgt Ion: 98 Resp: 319286

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

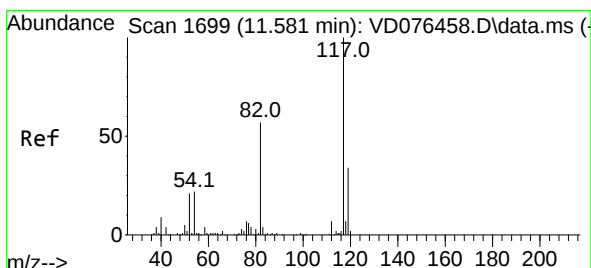
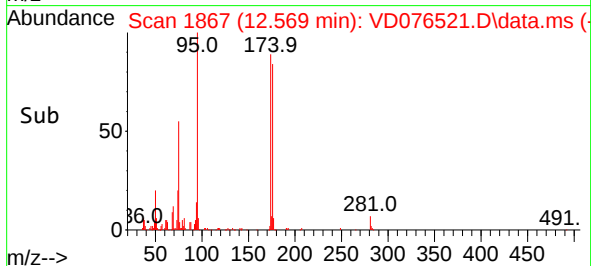
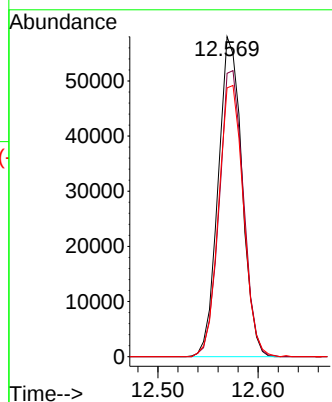
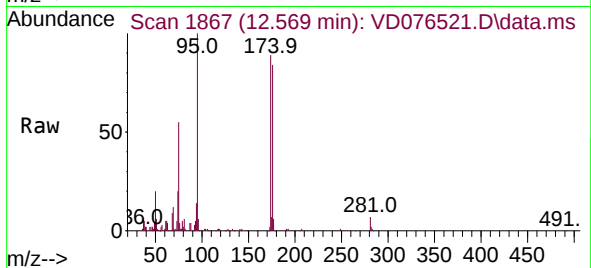




#62
4-Bromofluorobenzene
Concen: 49.120 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

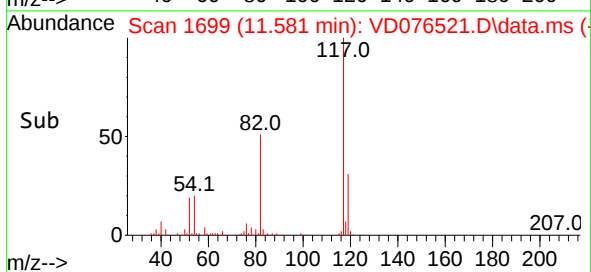
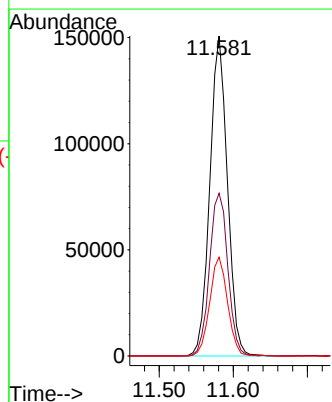
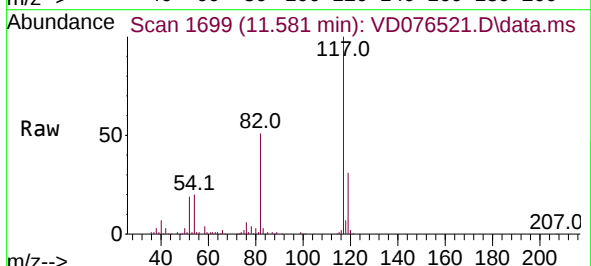
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

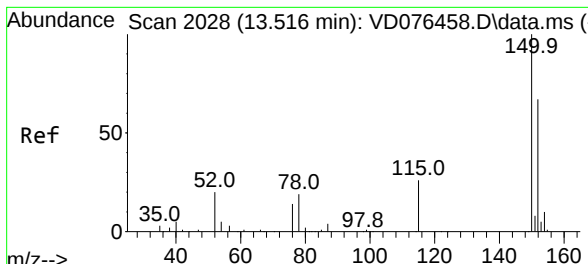
Tgt Ion: 95 Resp: 95568
Ion Ratio Lower Upper
95 100
174 90.7 0.0 201.8
176 88.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

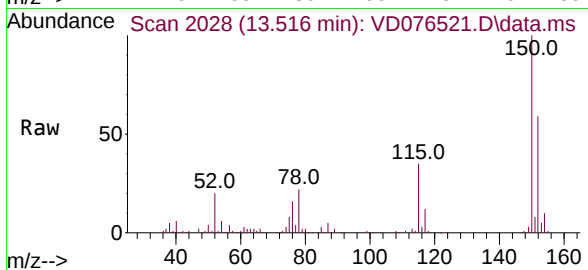
Tgt Ion: 117 Resp: 248363
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 30.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076521.D
 Acq: 21 Jun 2023 19:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0



Tgt Ion:152 Resp: 108462
 Ion Ratio Lower Upper
 152 100
 115 57.6 27.1 81.3
 150 161.7 0.0 353.6

