

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076472.D
 Acq On : 19 Jun 2023 16:12
 Operator : KP/SY
 Sample : 03289-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Jun 20 05:25:59 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)

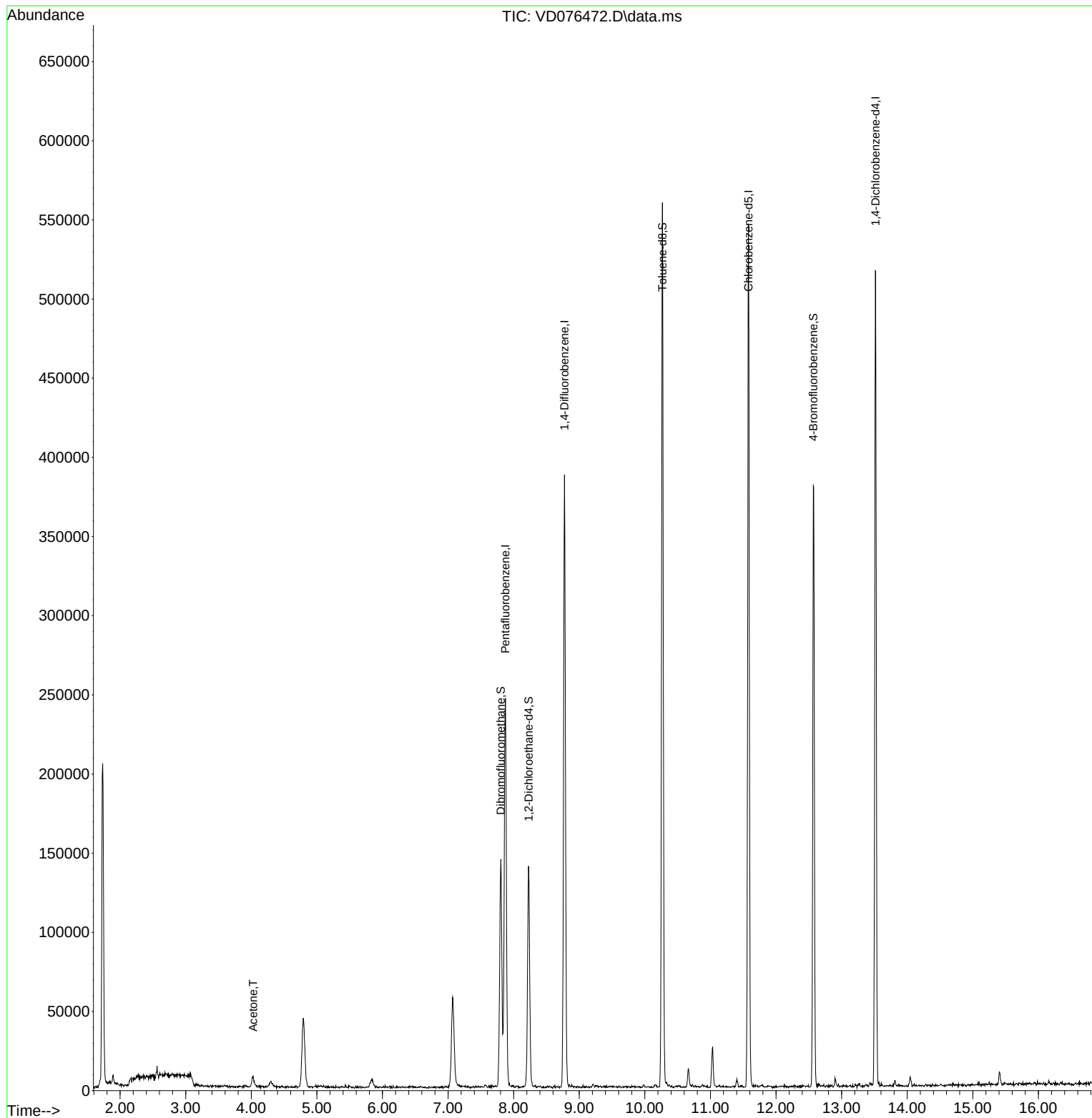
Internal Standards						
1) Pentafluorobenzene	7.875	168	197411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	337585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99823	50.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.940%	
35) Dibromofluoromethane	7.804	113	101099	50.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.269	98	379946	49.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	12.569	95	115321	46.719	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.440%	
Target Compounds						Qvalue
16) Acetone	4.028	43	10677	22.685	ug/l	87

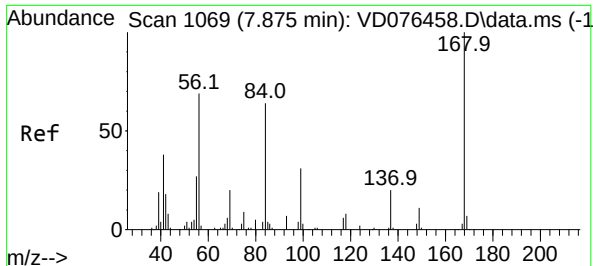
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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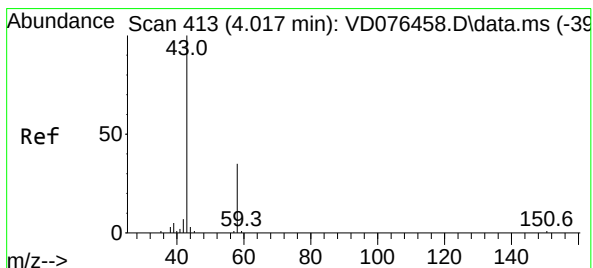
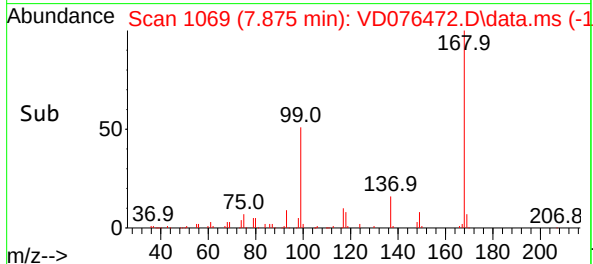
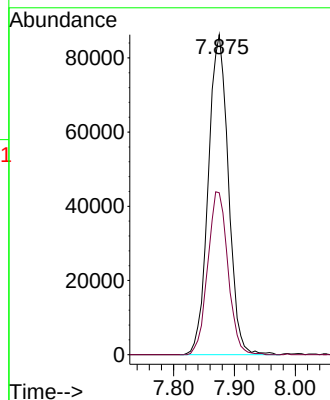
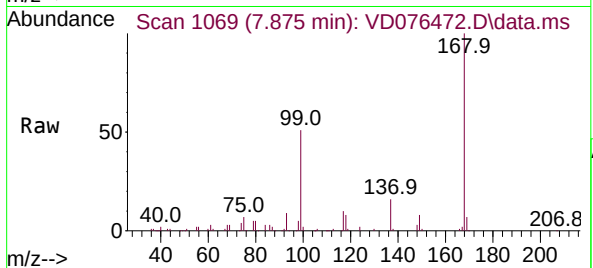




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

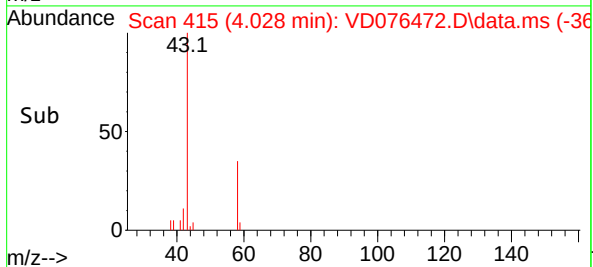
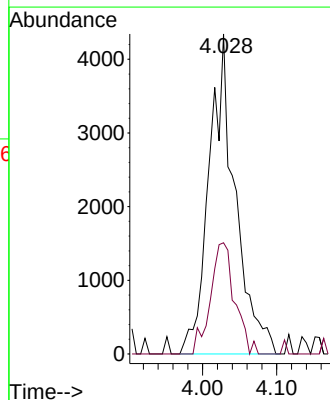
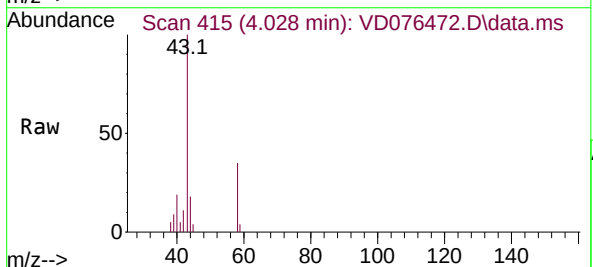
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

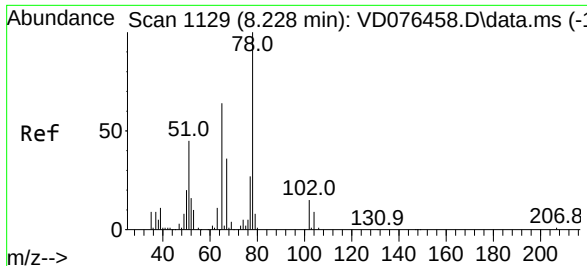
Tgt Ion:168 Resp: 197411
Ion Ratio Lower Upper
168 100
99 50.6 36.7 55.1



#16
Acetone
Concen: 22.685 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 43 Resp: 10677
Ion Ratio Lower Upper
43 100
58 34.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.469 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076472.D

Acq: 19 Jun 2023 16:12

Instrument :

MSVOA_D

ClientSampleId :

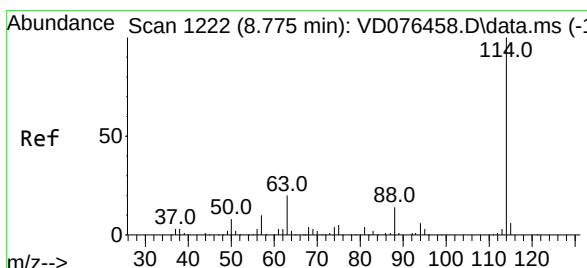
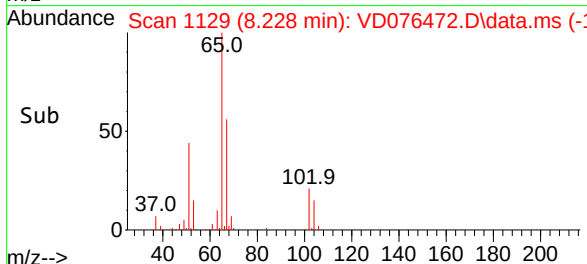
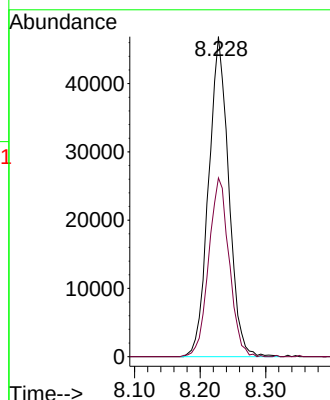
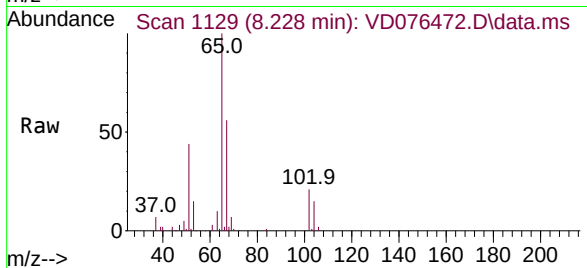
SB-01-0-2.0

Tgt Ion: 65 Resp: 99823

Ion Ratio Lower Upper

65 100

67 56.8 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: VD076472.D

Acq: 19 Jun 2023 16:12

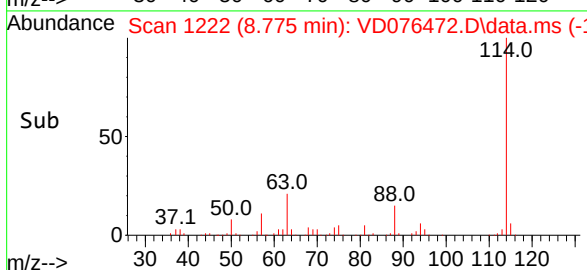
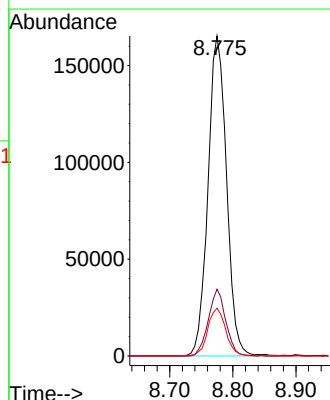
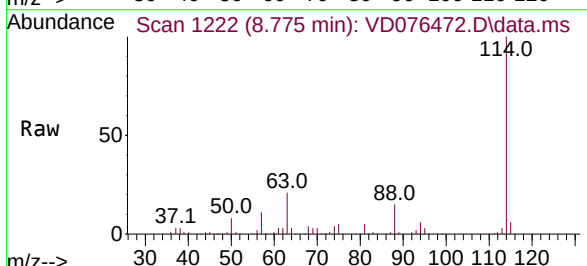
Tgt Ion: 114 Resp: 337585

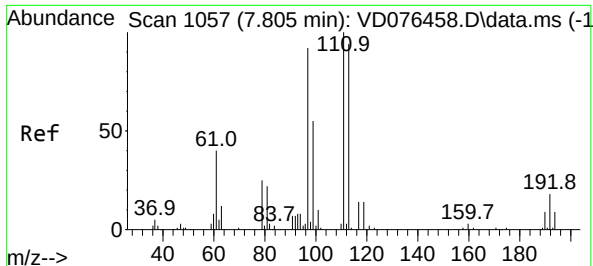
Ion Ratio Lower Upper

114 100

63 20.9 0.0 33.4

88 14.9 0.0 26.2

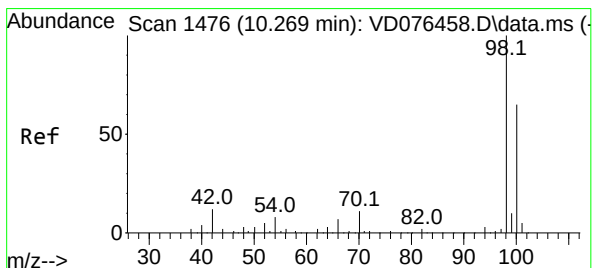
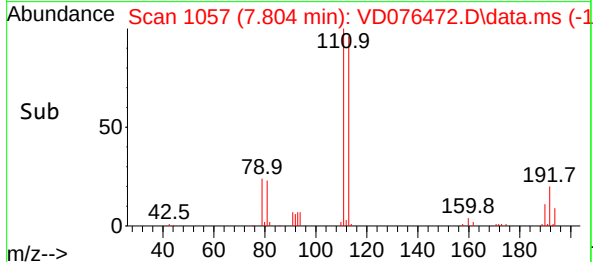
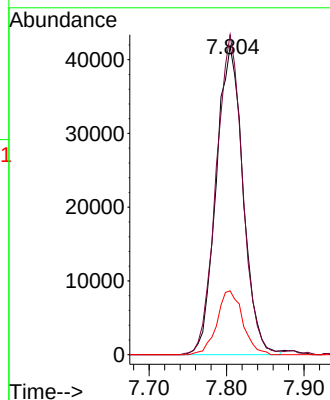
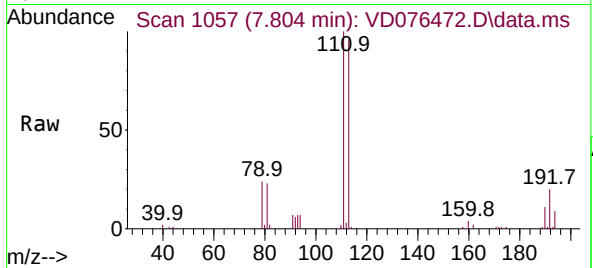




#35
Dibromofluoromethane
Concen: 50.411 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

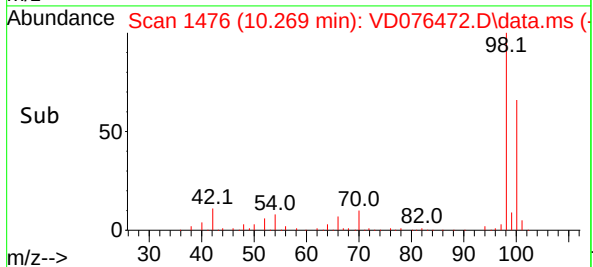
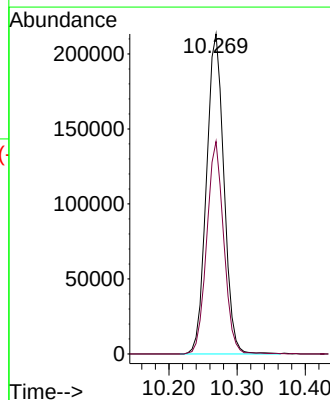
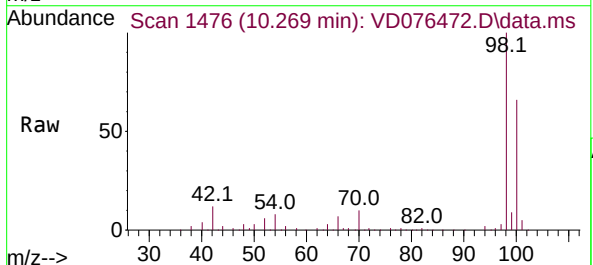
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

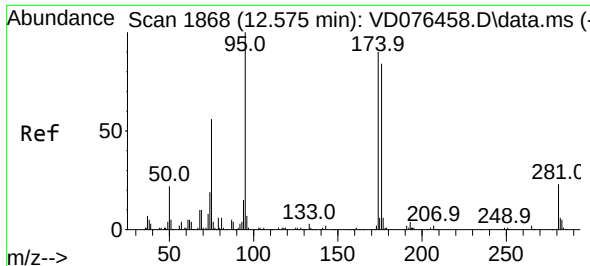
Tgt Ion:113 Resp: 101099
Ion Ratio Lower Upper
113 100
111 102.1 84.7 127.1
192 19.7 16.8 25.2



#50
Toluene-d8
Concen: 49.955 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

Tgt Ion: 98 Resp: 379946
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

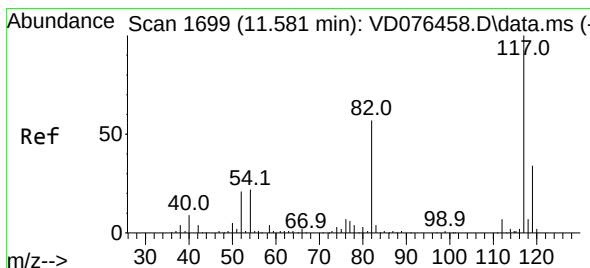
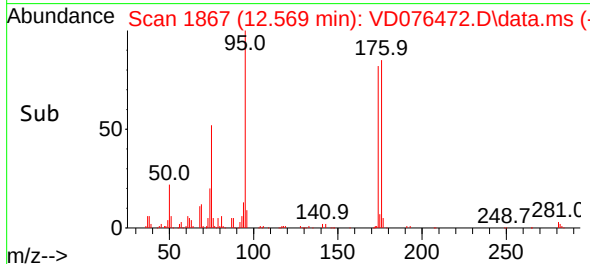
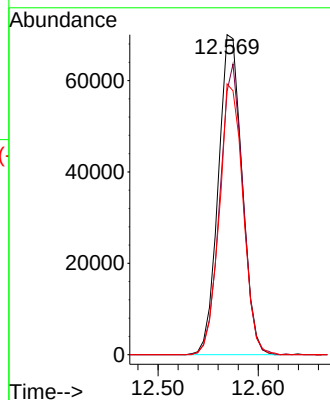
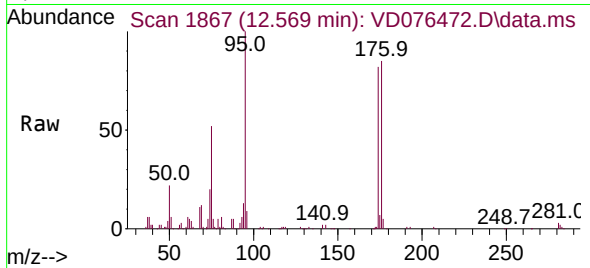




#62
4-Bromofluorobenzene
Concen: 46.719 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

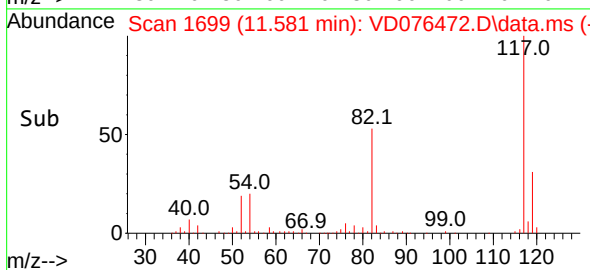
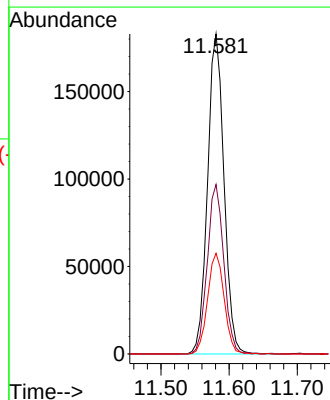
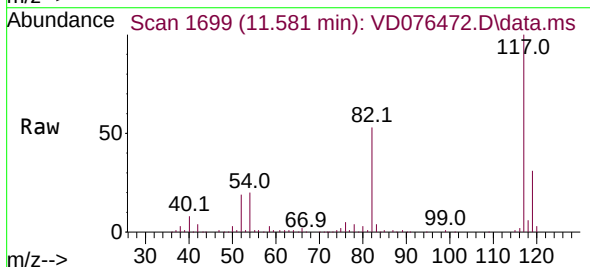
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

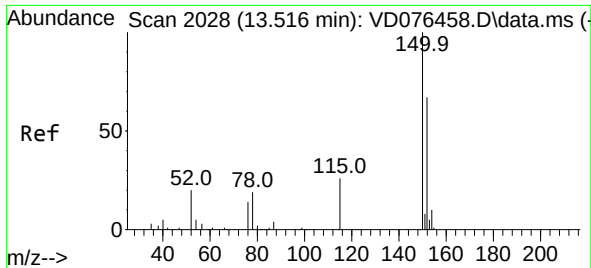
Tgt Ion: 95 Resp: 115321
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 84.5 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076472.D
Acq: 19 Jun 2023 16:12

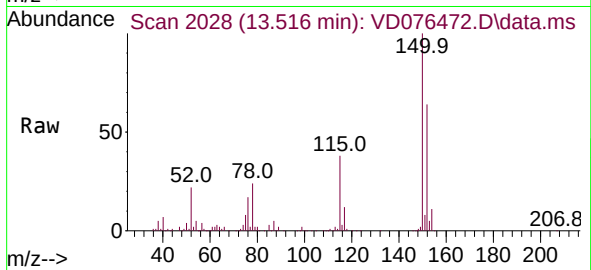
Tgt Ion: 117 Resp: 306981
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 31.4 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076472.D
 Acq: 19 Jun 2023 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0



Tgt Ion:152 Resp: 136351
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.1 81.3
 150 157.7 0.0 353.6

