

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076265.D
 Acq On : 26 May 2023 18:39
 Operator : KP/SY
 Sample : 02888-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB-20(ELEV-13-11)

Quant Time: May 26 23:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

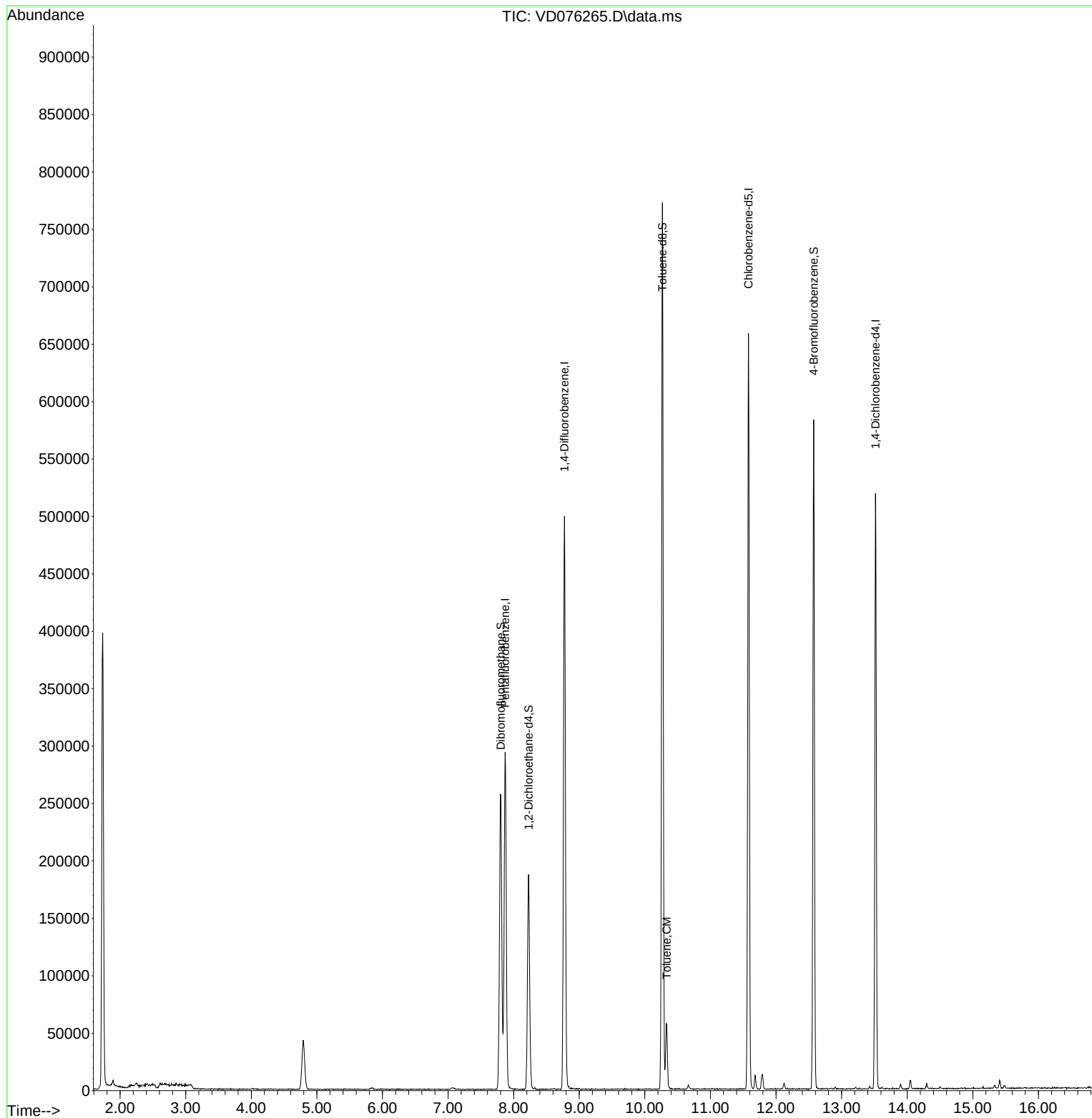
Internal Standards						
1) Pentafluorobenzene	7.869	168	240596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	481396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	408132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	137009	58.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.840%
35) Dibromofluoromethane	7.804	113	192033	57.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.420%
50) Toluene-d8	10.269	98	550398	42.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.860%
62) 4-Bromofluorobenzene	12.575	95	179561	49.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.660%
Target Compounds						
52) Toluene	10.334	92	24873	2.756	ug/l	Qvalue 88

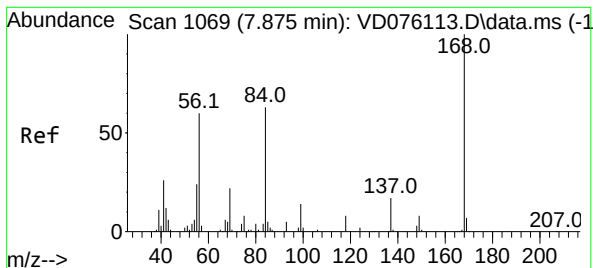
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
Data File : VD076265.D
Acq On : 26 May 2023 18:39
Operator : KP/SY
Sample : 02888-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

Quant Time: May 26 23:17:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

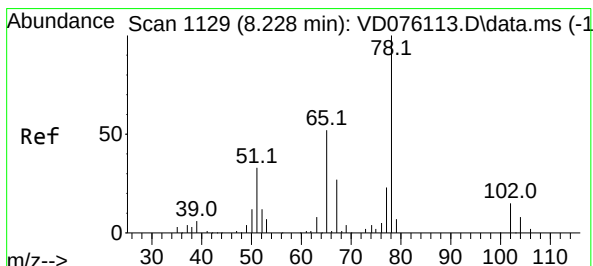
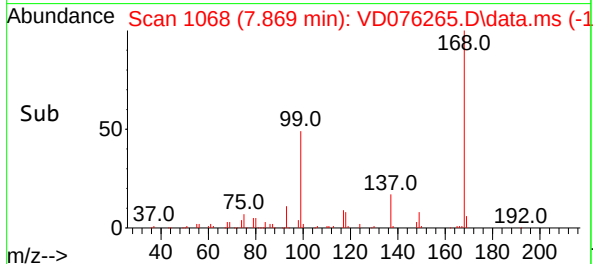
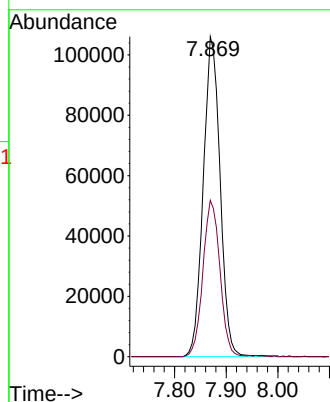
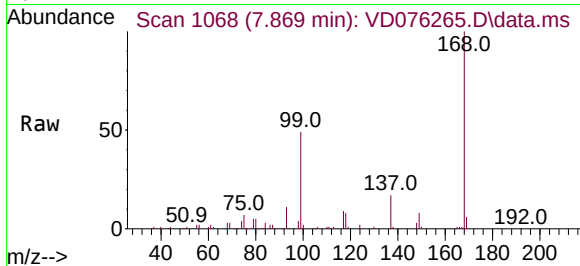




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

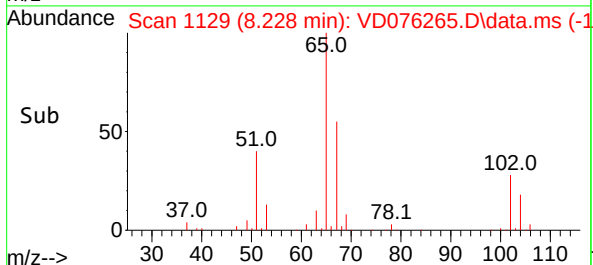
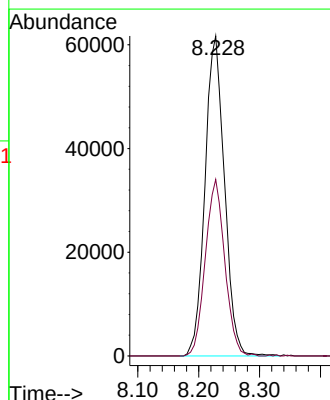
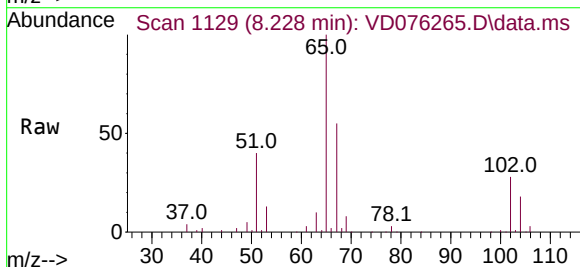
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

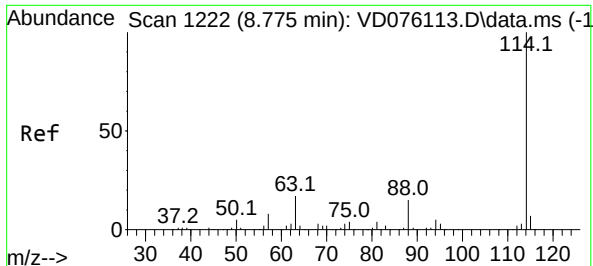
Tgt Ion:168 Resp: 240596
Ion Ratio Lower Upper
168 100
99 48.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 58.921 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 65 Resp: 137009
Ion Ratio Lower Upper
65 100
67 55.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076265.D

Acq: 26 May 2023 18:39

Instrument :

MSVOA_D

ClientSampleId :

FS-SB-20(ELEV-13-11)

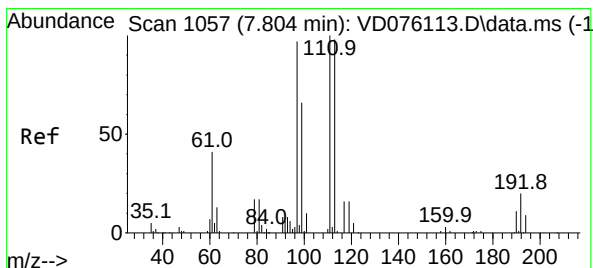
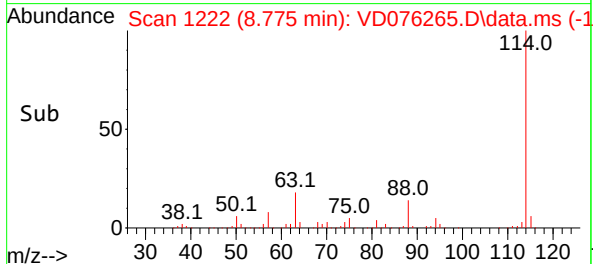
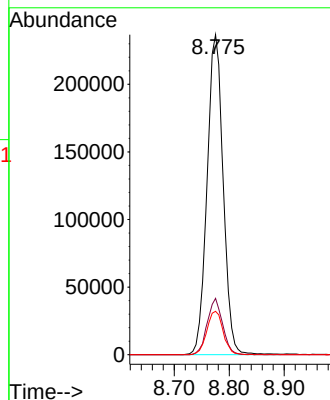
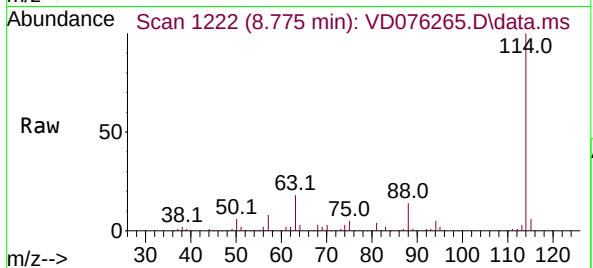
Tgt Ion:114 Resp: 481396

Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.6

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.711 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076265.D

Acq: 26 May 2023 18:39

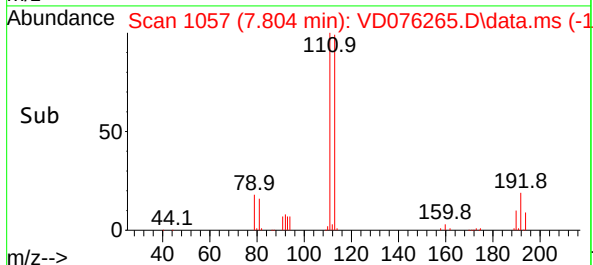
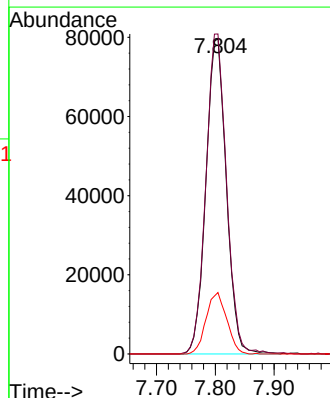
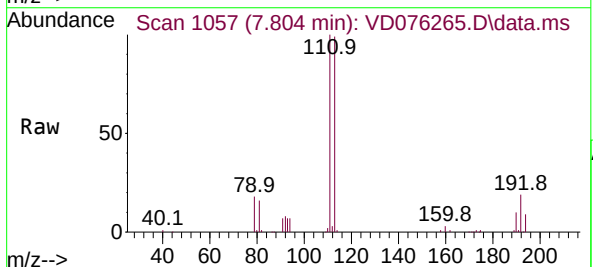
Tgt Ion:113 Resp: 192033

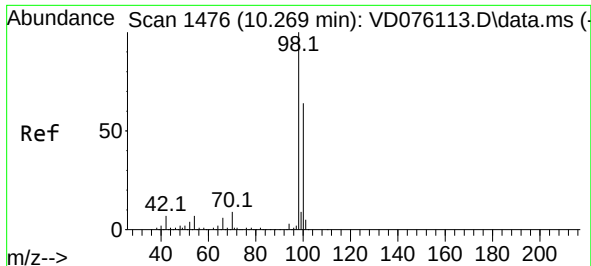
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.7 15.2 22.8

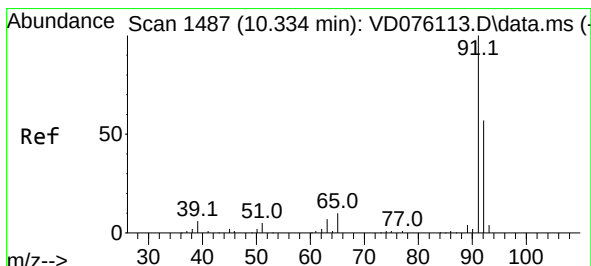
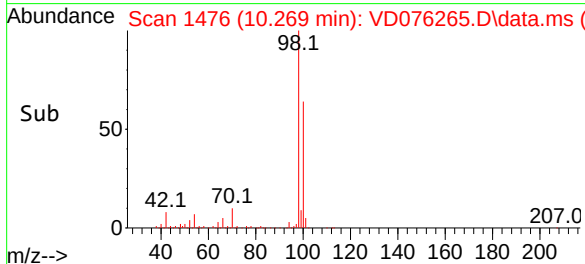
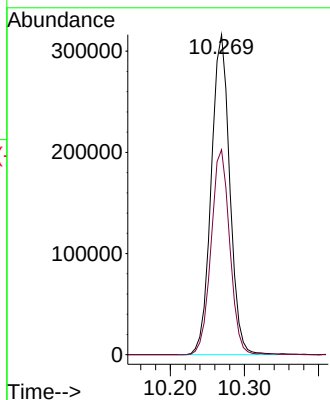
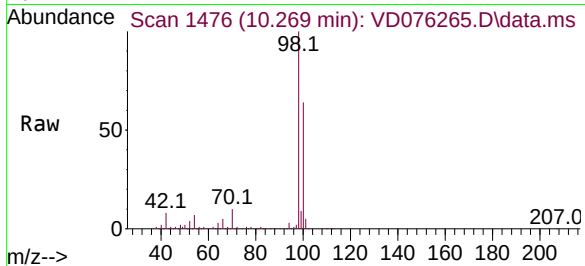




#50
Toluene-d8
Concen: 42.432 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

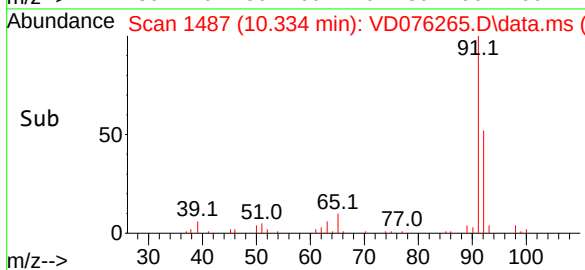
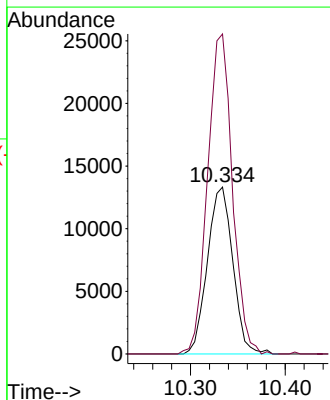
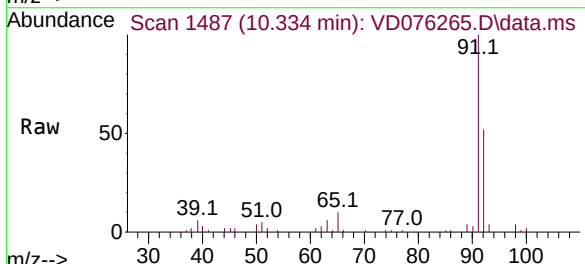
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

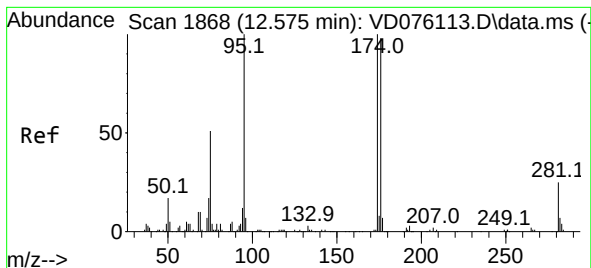
Tgt Ion: 98 Resp: 550398
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#52
Toluene
Concen: 2.756 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

Tgt Ion: 92 Resp: 24873
Ion Ratio Lower Upper
92 100
91 187.1 136.5 204.7

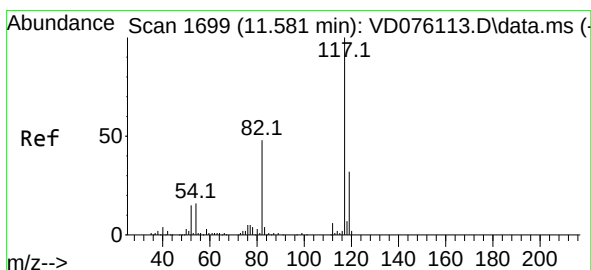
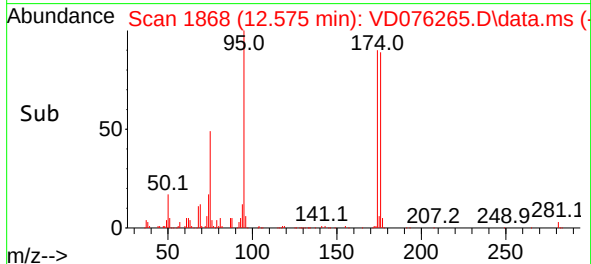
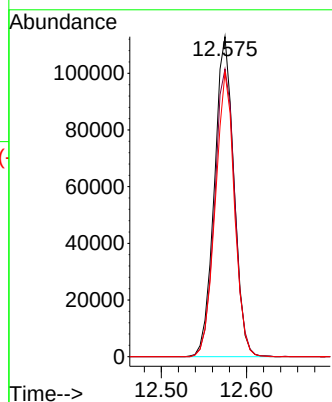
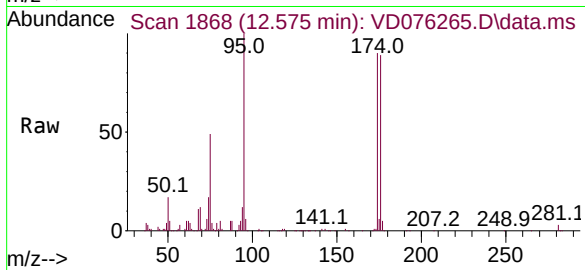




#62
4-Bromofluorobenzene
Concen: 49.833 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

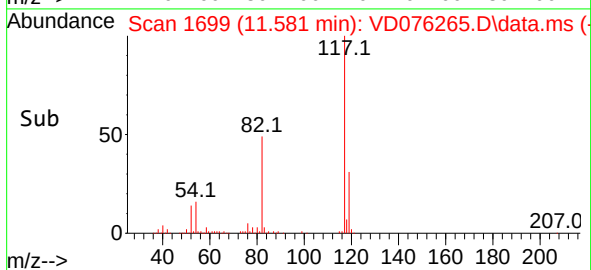
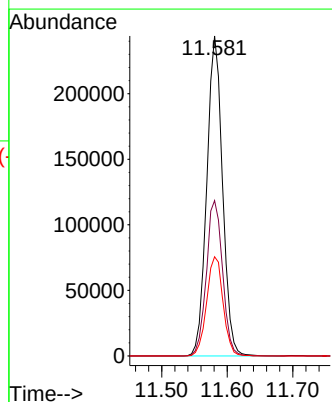
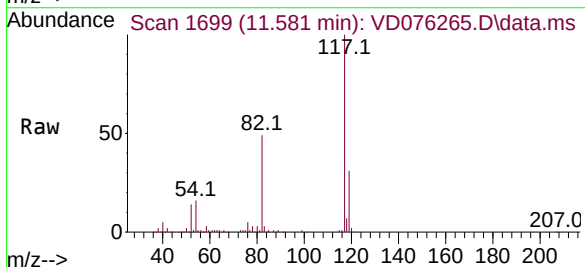
Instrument :
MSVOA_D
ClientSampleId :
FS-SB-20(ELEV-13-11)

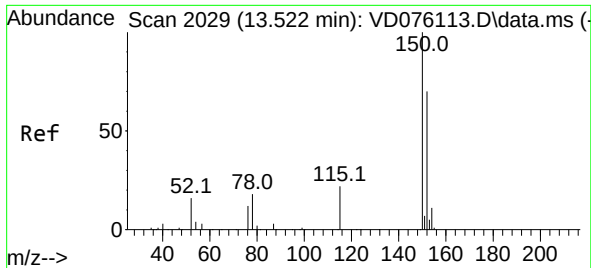
Tgt Ion: 95 Resp: 179561
Ion Ratio Lower Upper
95 100
174 92.2 0.0 164.0
176 87.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076265.D
Acq: 26 May 2023 18:39

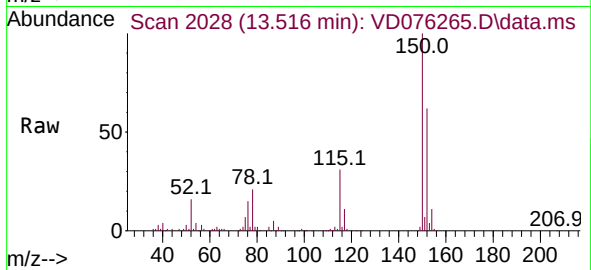
Tgt Ion: 117 Resp: 408132
Ion Ratio Lower Upper
117 100
82 48.6 44.0 66.0
119 31.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076265.D
 Acq: 26 May 2023 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB-20(ELEV-13-11)



Tgt Ion:	152	Resp:	148297
Ion	Ratio	Lower	Upper
152	100		
115	52.8	30.1	90.3
150	156.6	0.0	364.8

