

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076891.D
 Acq On : 01 Aug 2023 13:13
 Operator : KP/SY
 Sample : 03840-03
 Misc : 7.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BUILDING-B-19-(0-5)

Quant Time: Aug 02 01:28:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	281920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	75685	52.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.080%
35) Dibromofluoromethane	7.804	113	92465	52.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.269	98	341711	53.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.840%
62) 4-Bromofluorobenzene	12.575	95	90825	44.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.600%

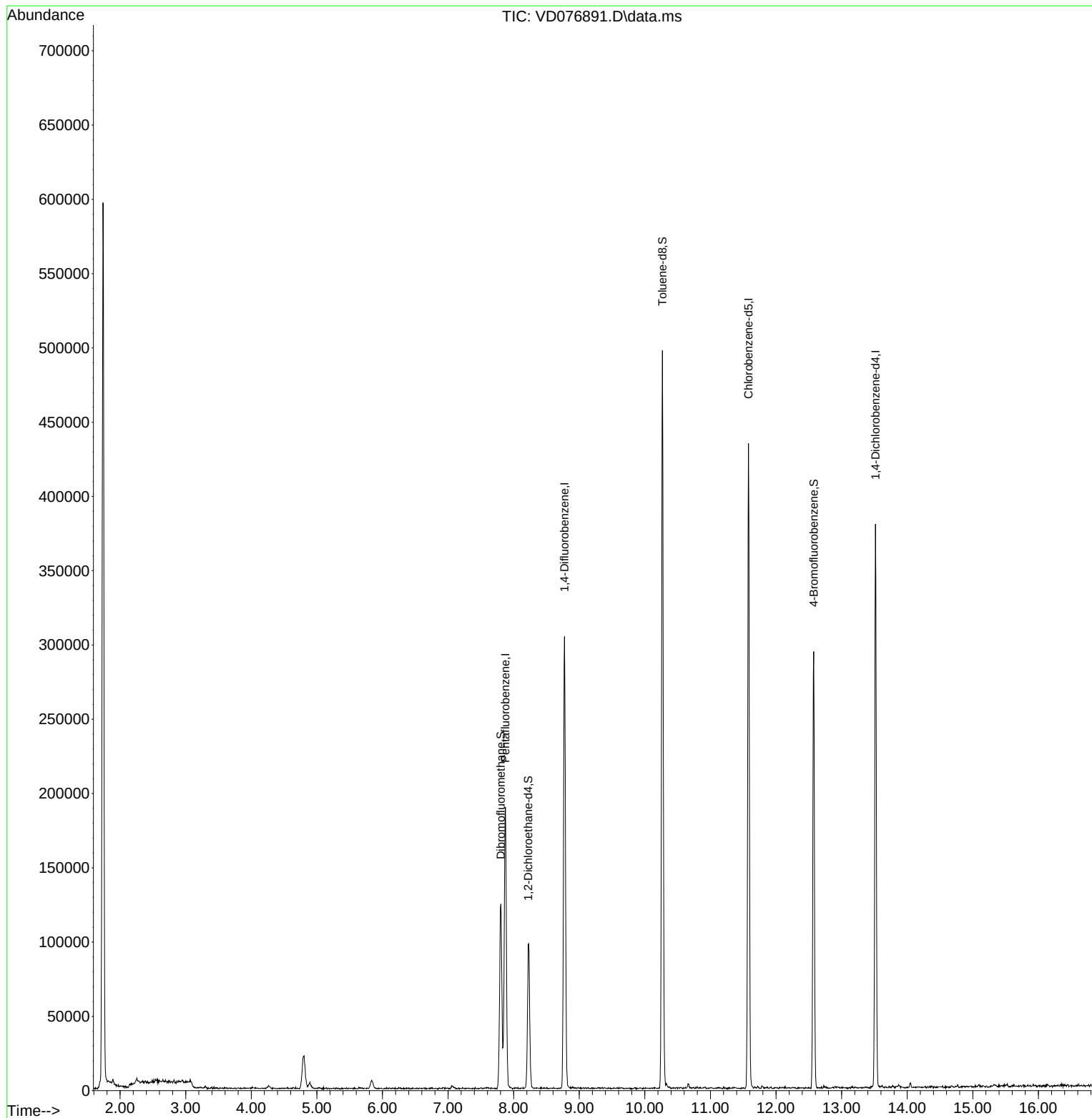
Target Compounds	Qvalue

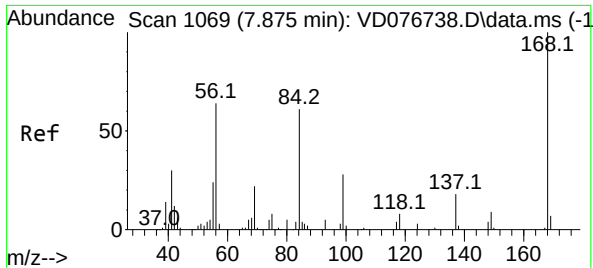
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
Data File : VD076891.D
Acq On : 01 Aug 2023 13:13
Operator : KP/SY
Sample : 03840-03
Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-19-(0-5)

Quant Time: Aug 02 01:28:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

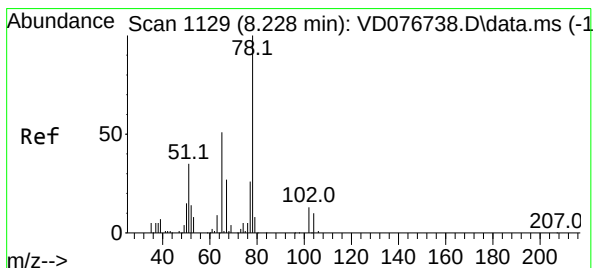
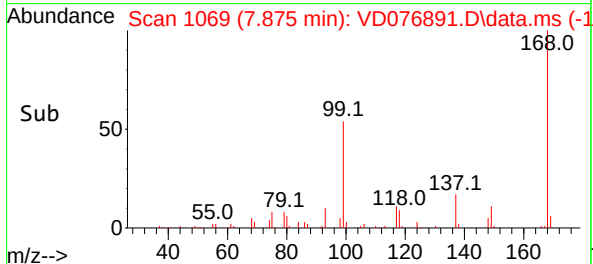
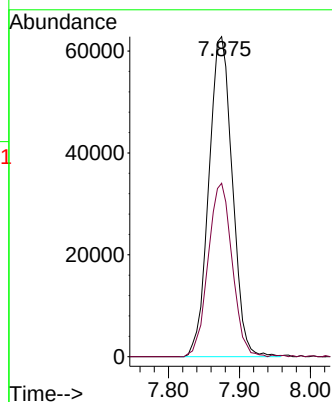
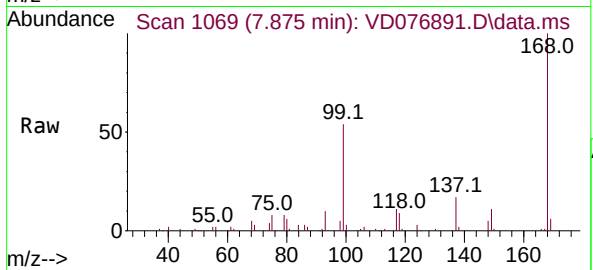




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

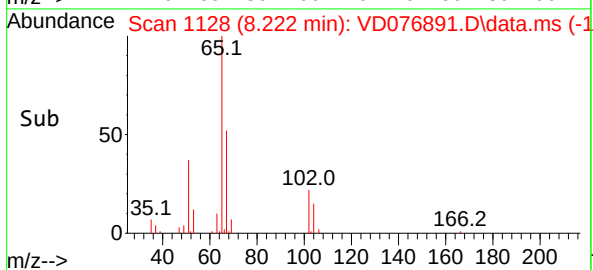
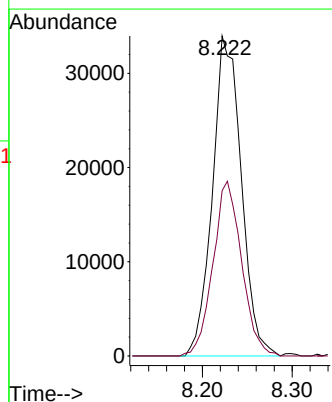
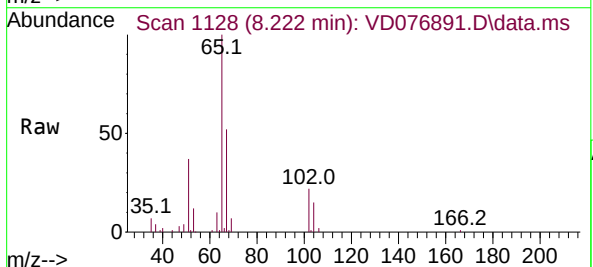
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-19-(0-5)

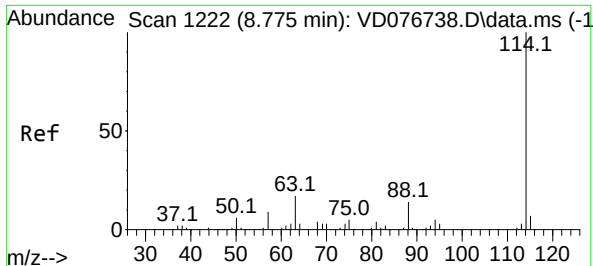
Tgt Ion:168 Resp: 144628
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.539 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Tgt Ion: 65 Resp: 75685
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076891.D

Acq: 01 Aug 2023 13:13

Instrument :

MSVOA_D

ClientSampleId :

BUILDING-B-19-(0-5)

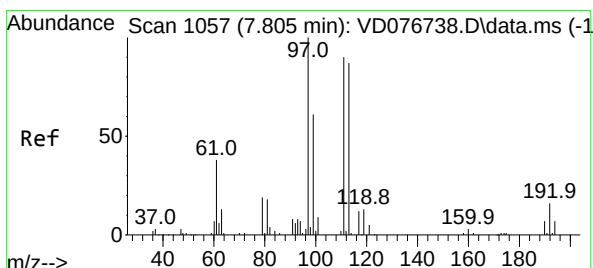
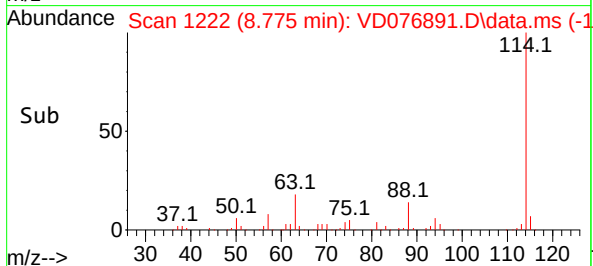
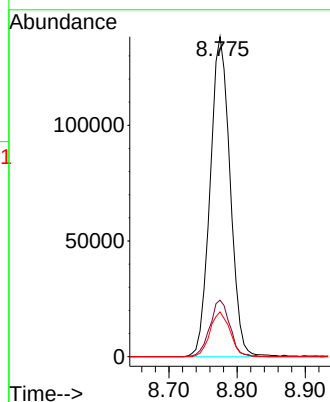
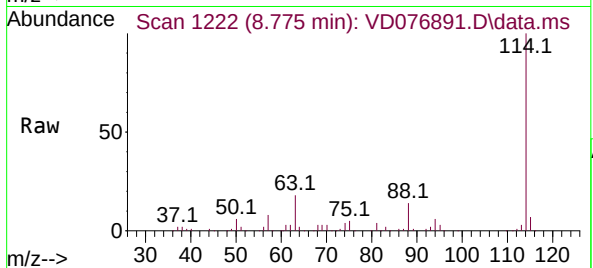
Tgt Ion:114 Resp: 281920

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.193 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076891.D

Acq: 01 Aug 2023 13:13

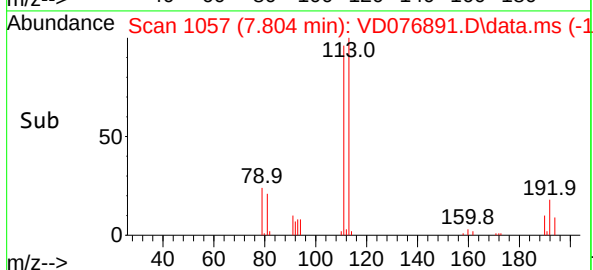
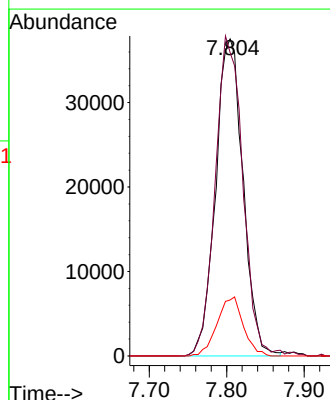
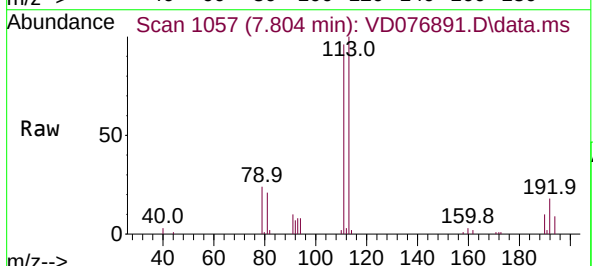
Tgt Ion:113 Resp: 92465

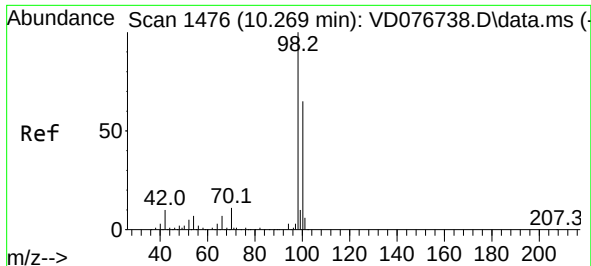
Ion Ratio Lower Upper

113 100

111 101.7 84.7 127.1

192 17.8 16.8 25.2

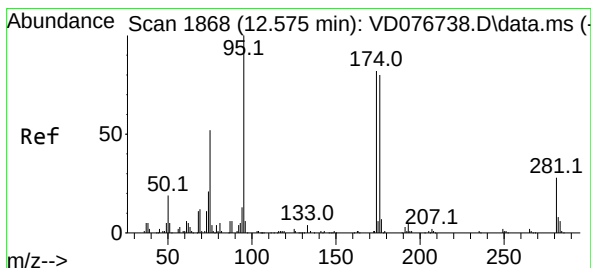
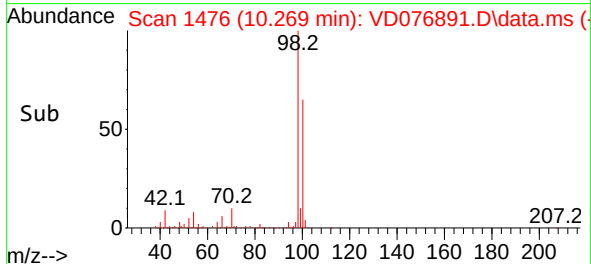
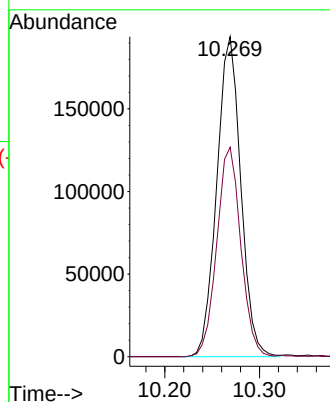
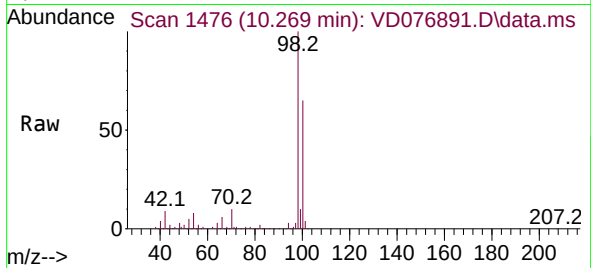




#50
Toluene-d8
Concen: 53.917 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

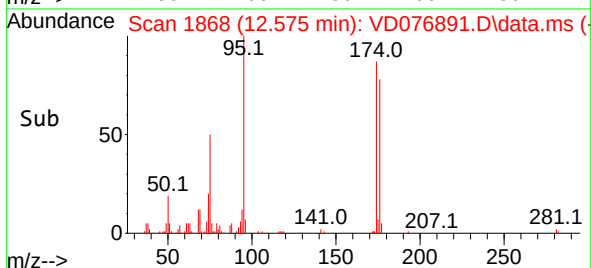
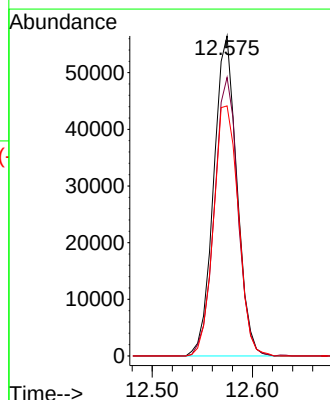
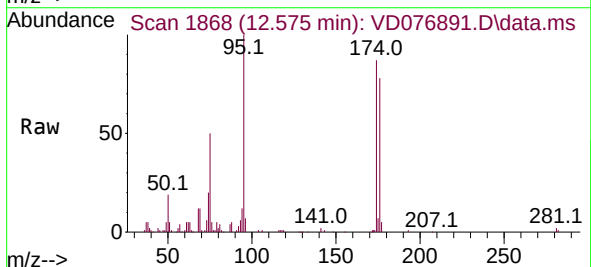
Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-19-(0-5)

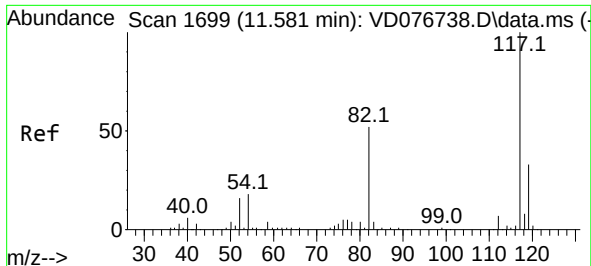
Tgt Ion: 98 Resp: 341711
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.299 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Tgt Ion: 95 Resp: 90825
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 83.7 0.0 191.8

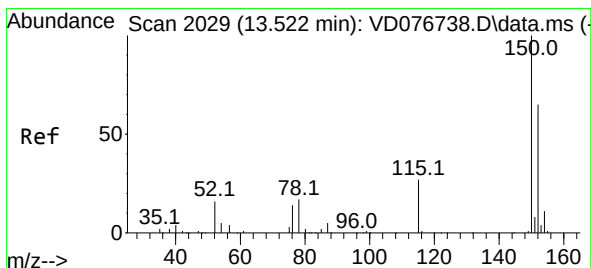
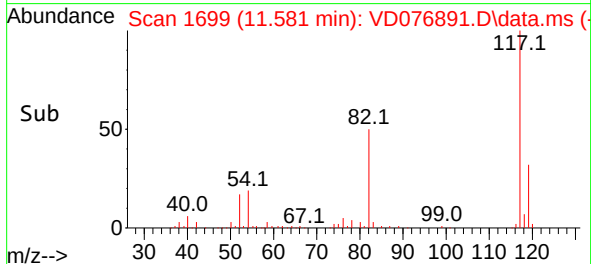
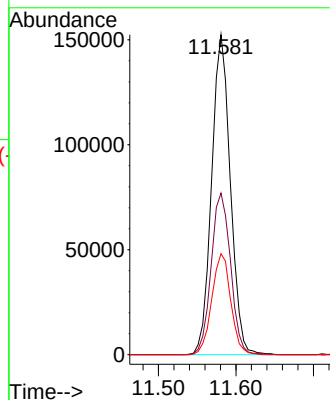
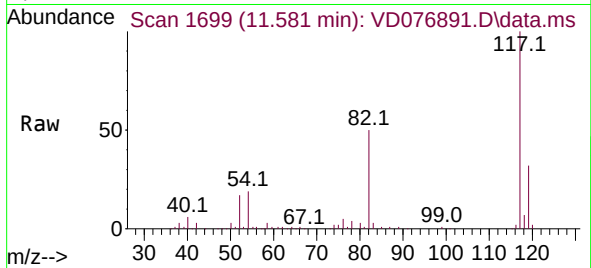




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
BUILDING-B-19-(0-5)

Tgt Ion:117 Resp: 255943
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076891.D
Acq: 01 Aug 2023 13:13

Tgt Ion:152 Resp: 102648
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 151.8 0.0 353.6

