

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076836.D
 Acq On : 27 Jul 2023 16:10
 Operator : KP/SY
 Sample : 03753-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-2-072523

Quant Time: Jul 28 02:58:53 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	214509	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	431912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	394319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116741	54.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.280%
35) Dibromofluoromethane	7.804	113	141514	52.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.280%
50) Toluene-d8	10.269	98	529202	54.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.575	95	158079	50.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.660%

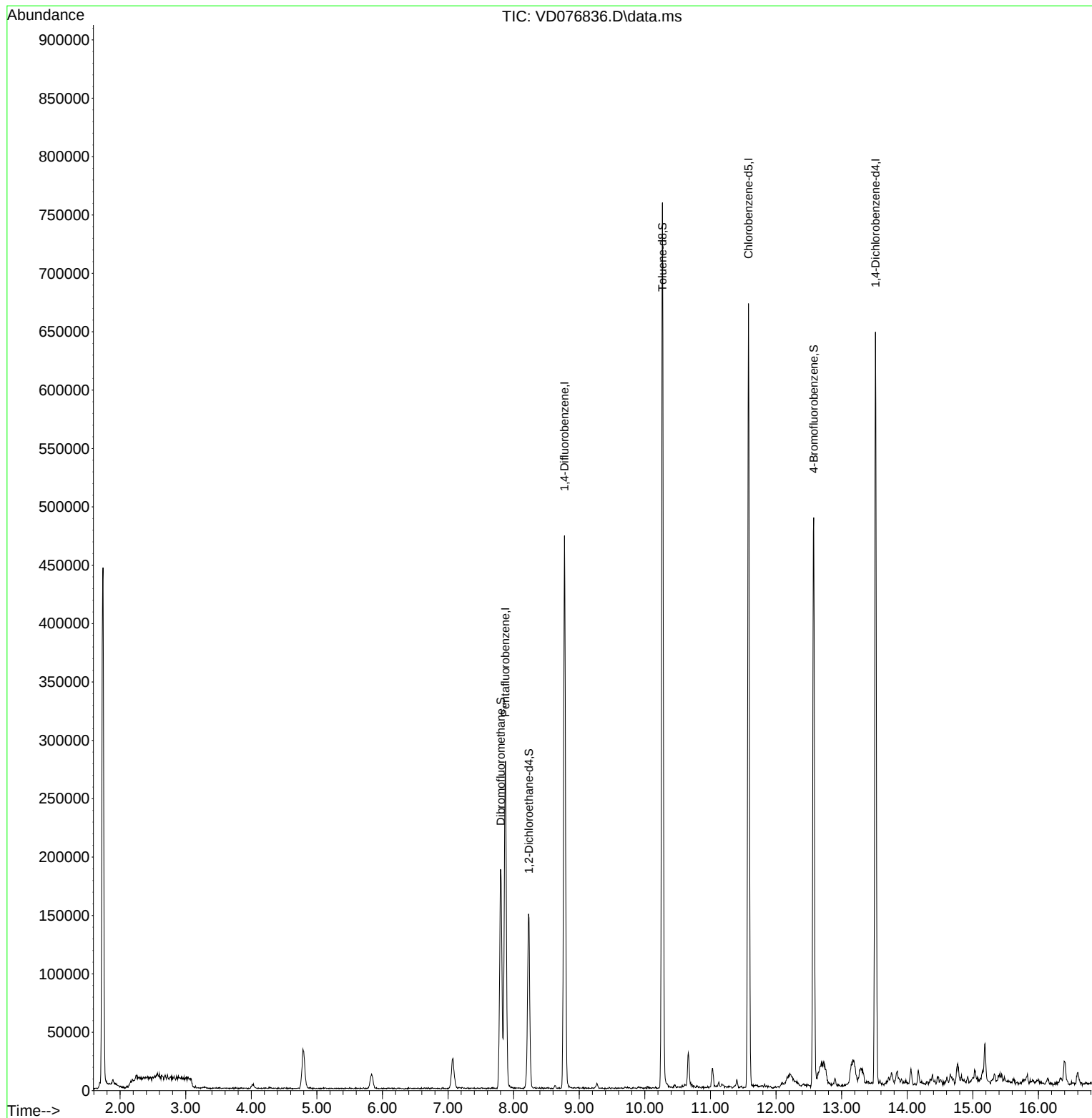
Target Compounds	Qvalue

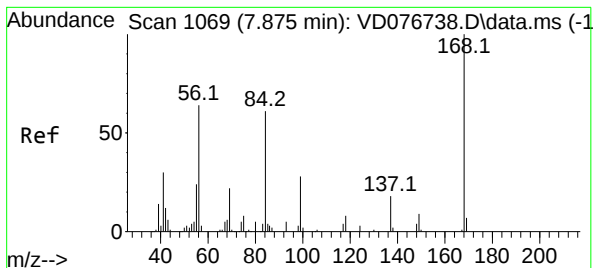
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
Data File : VD076836.D
Acq On : 27 Jul 2023 16:10
Operator : KP/SY
Sample : 03753-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-2-072523

Quant Time: Jul 28 02:58:53 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# 1109

Delta R.T. 0.000 min

Lab File: VD076836.D

Acq: 27 Jul 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

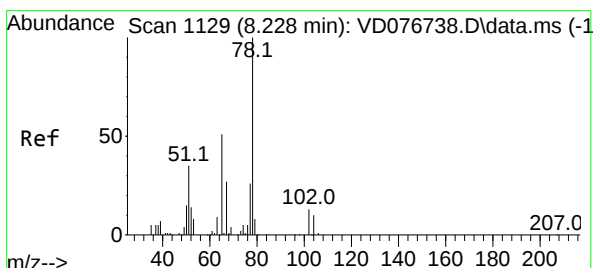
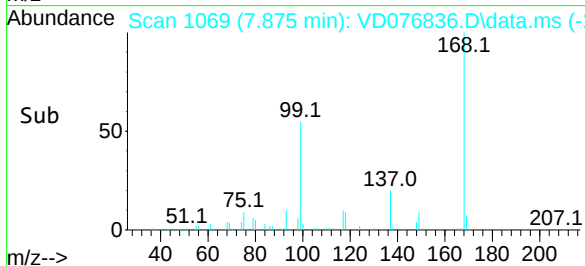
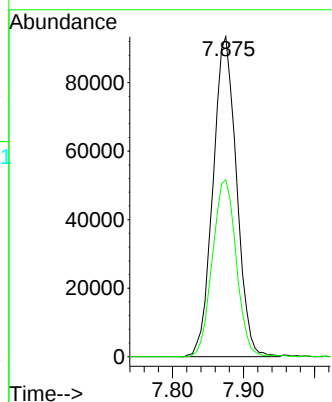
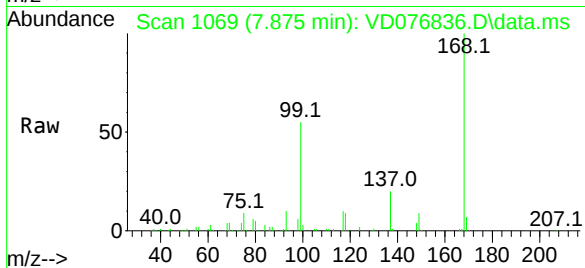
OK-2-072523

Tgt Ion:168 Resp: 214509

Ion Ratio Lower Upper

168 100

99 55.3 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 54.639 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076836.D

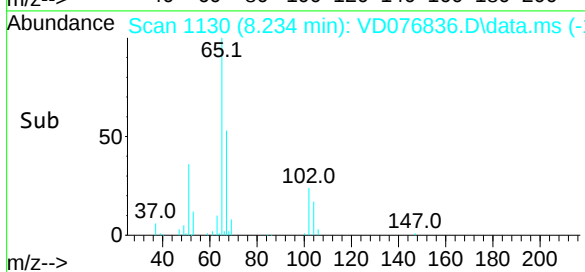
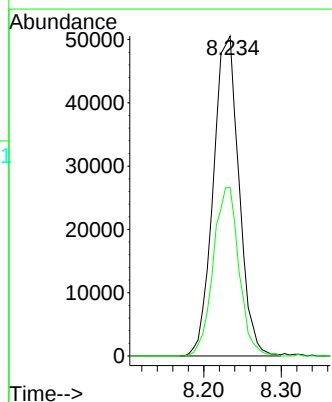
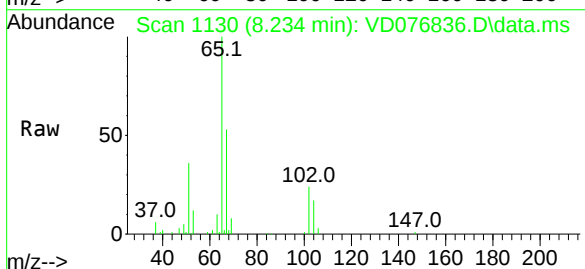
Acq: 27 Jul 2023 16:10

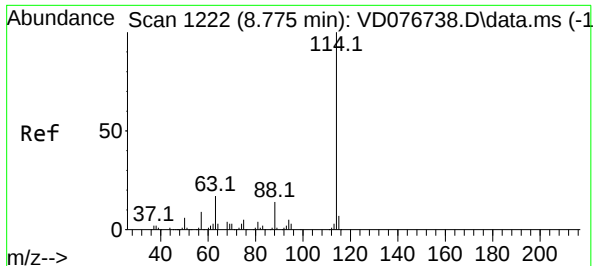
Tgt Ion: 65 Resp: 116741

Ion Ratio Lower Upper

65 100

67 52.8 0.0 115.0

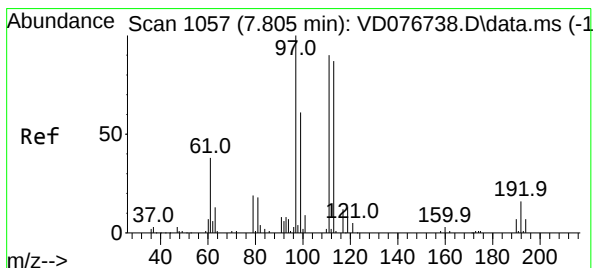
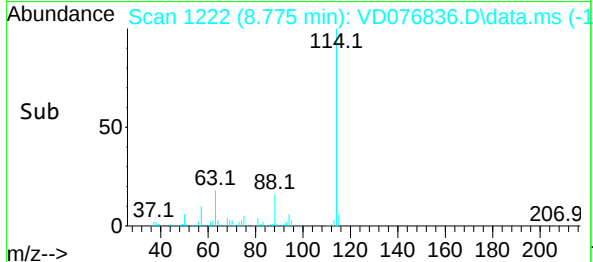
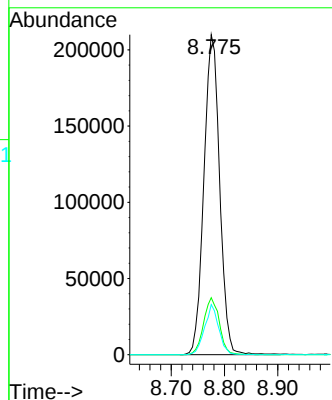
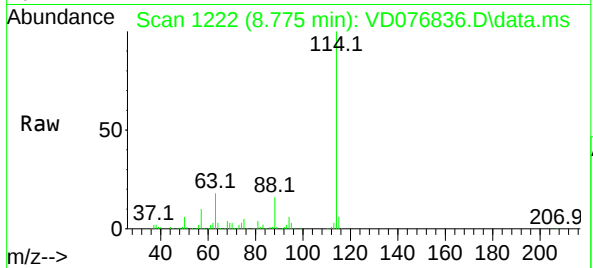




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

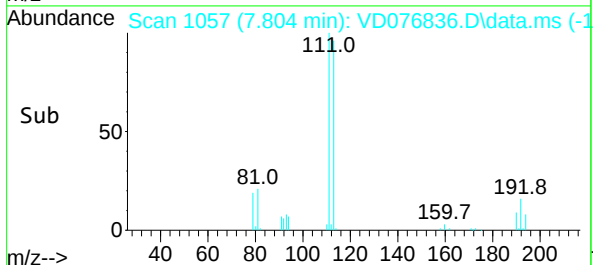
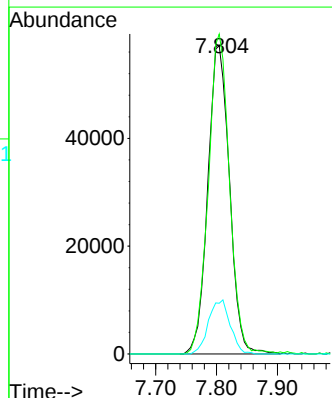
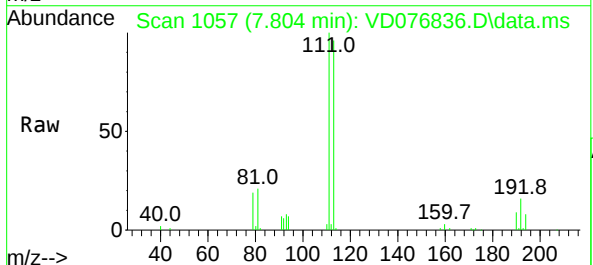
Instrument :
MSVOA_D
ClientSampleId :
OK-2-072523

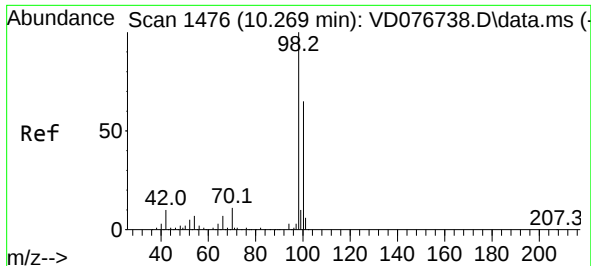
Tgt Ion:114 Resp: 431912
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 15.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.139 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Tgt Ion:113 Resp: 141514
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 17.6 16.8 25.2

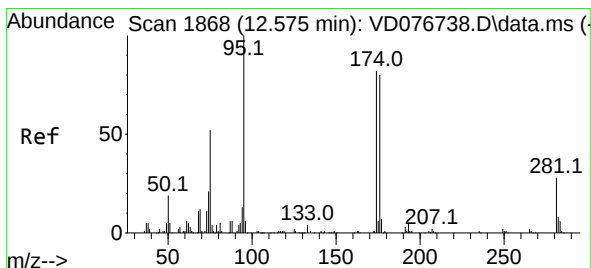
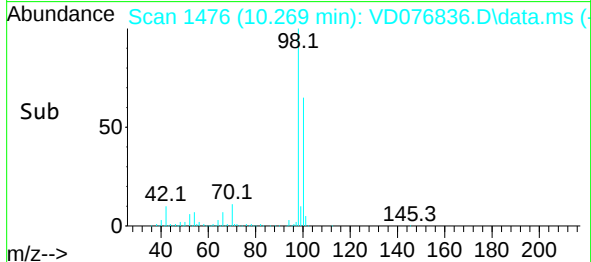
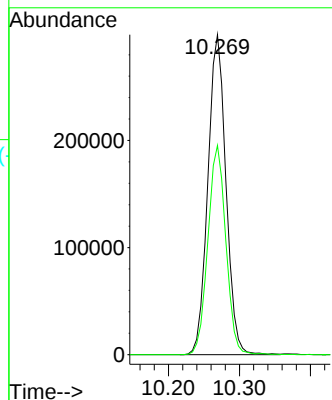
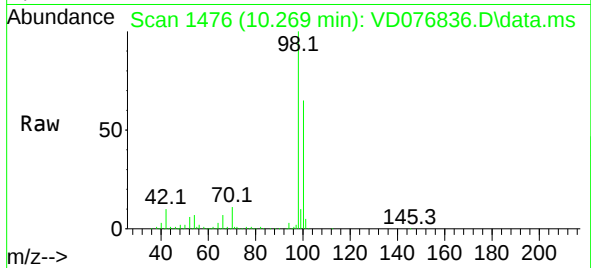




#50
Toluene-d8
Concen: 54.503 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

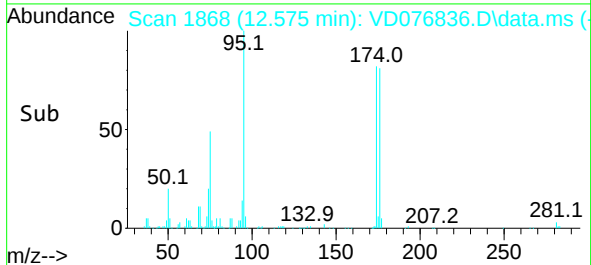
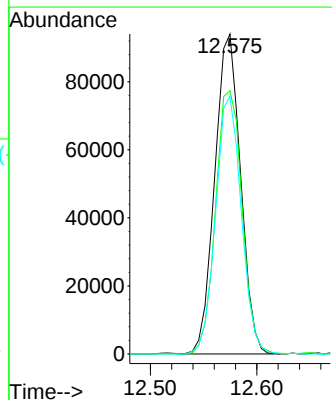
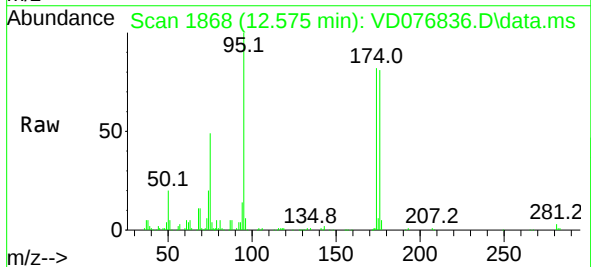
Instrument :
MSVOA_D
ClientSampleId :
OK-2-072523

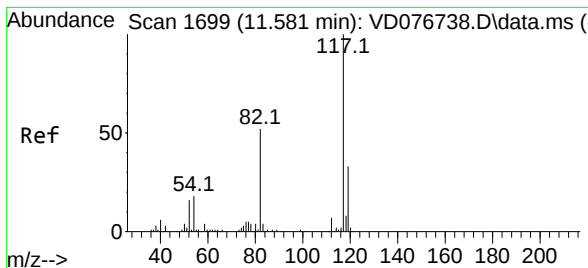
Tgt Ion: 98 Resp: 529202
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.327 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Tgt Ion: 95 Resp: 158079
Ion Ratio Lower Upper
95 100
174 84.7 0.0 201.8
176 80.2 0.0 191.8

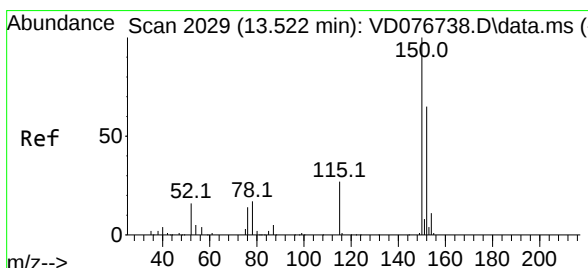
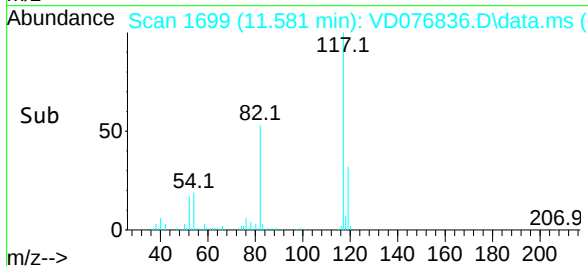
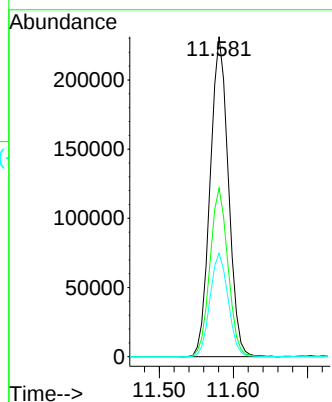
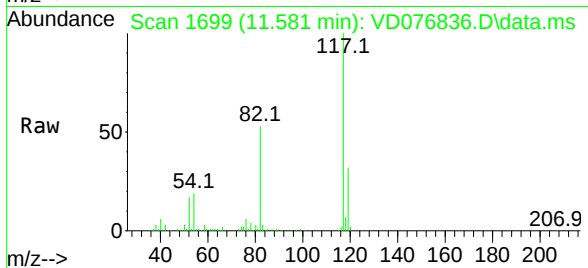




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Instrument :
MSVOA_D
ClientSampleId :
OK-2-072523

Tgt Ion:117 Resp: 394319
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.4 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: VD076836.D
Acq: 27 Jul 2023 16:10

Tgt Ion:152 Resp: 172200
Ion Ratio Lower Upper
152 100
115 58.5 27.1 81.3
150 157.2 0.0 353.6

