

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076806.D
 Acq On : 26 Jul 2023 15:22
 Operator : KP/SY
 Sample : 03769-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P4A

Quant Time: Jul 27 04:23:39 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	199522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	398095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106986	53.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.660%
35) Dibromofluoromethane	7.805	113	128123	51.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.269	98	469044	52.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.575	95	134054	46.303	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.600%

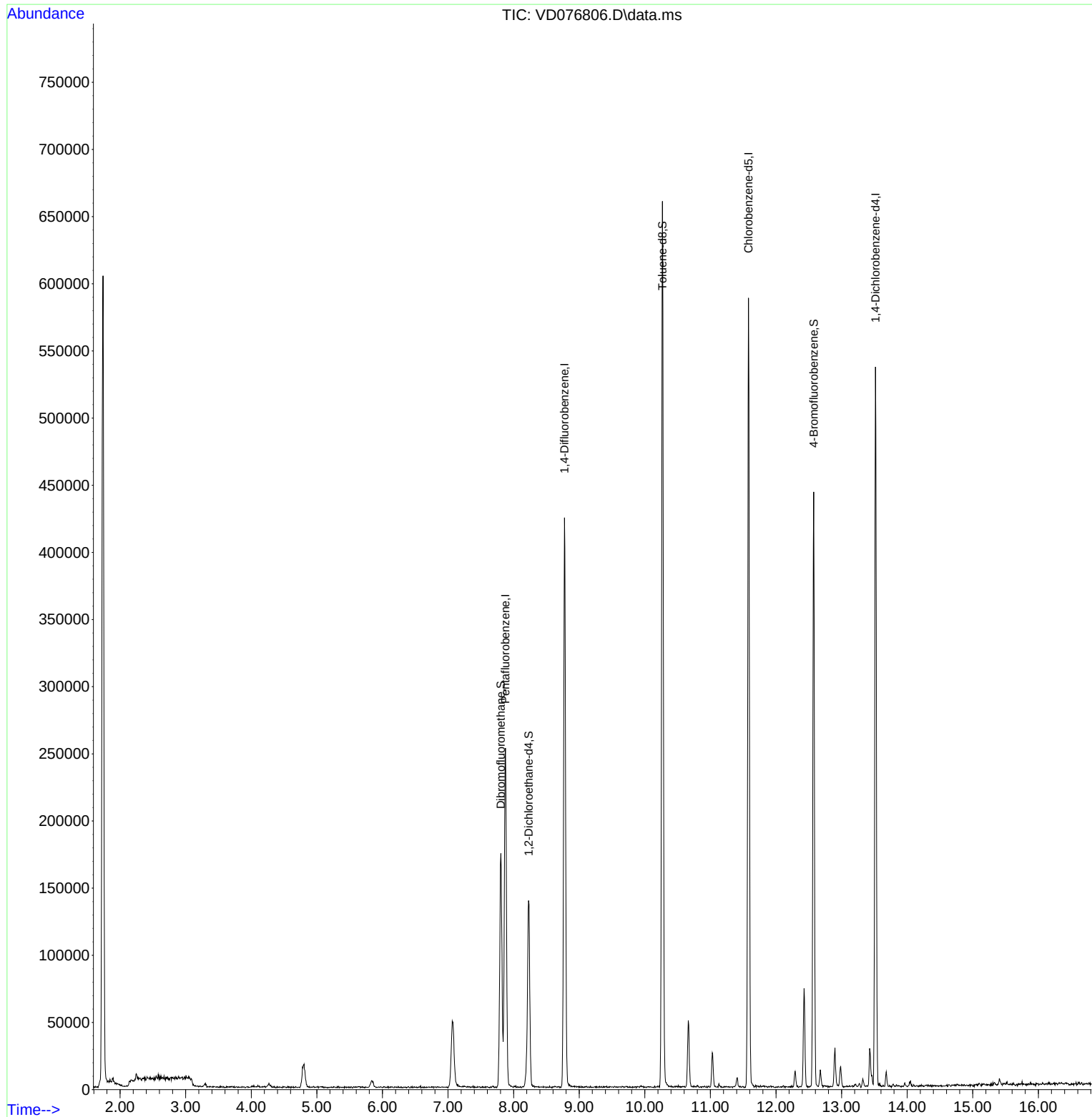
Target Compounds	Qvalue

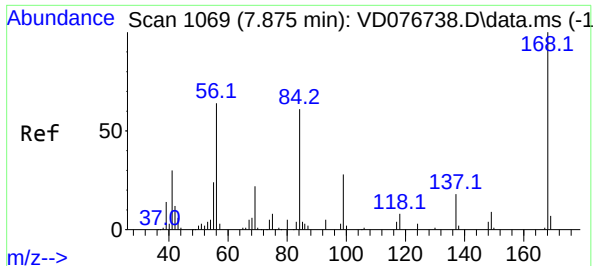
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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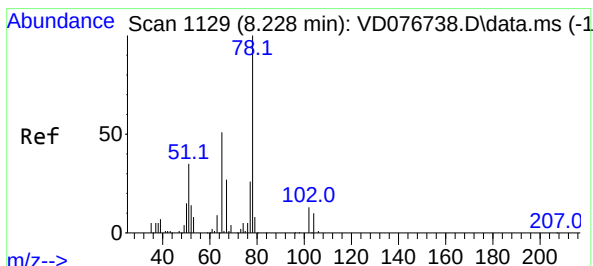
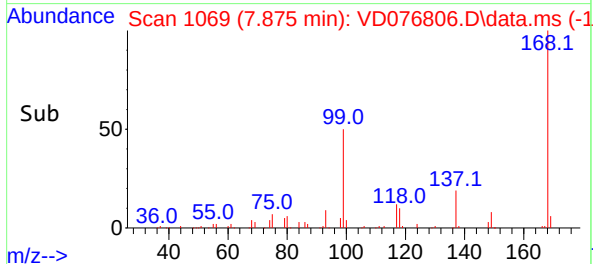
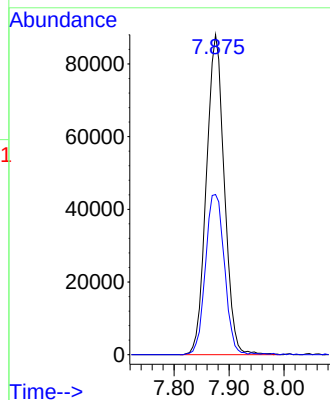
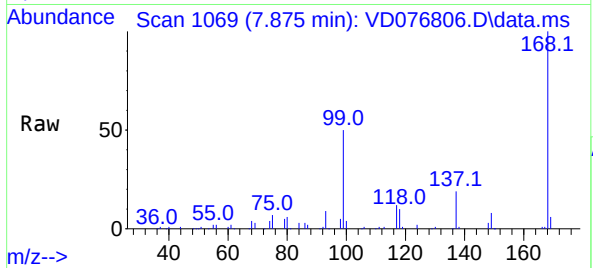




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076806.D
Acq: 26 Jul 2023 15:22

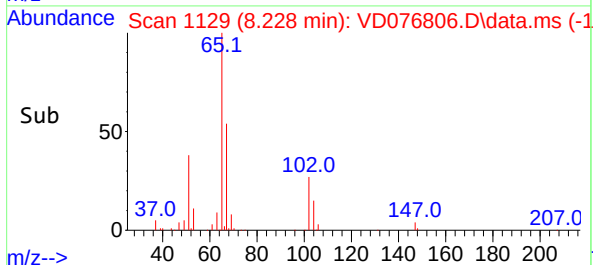
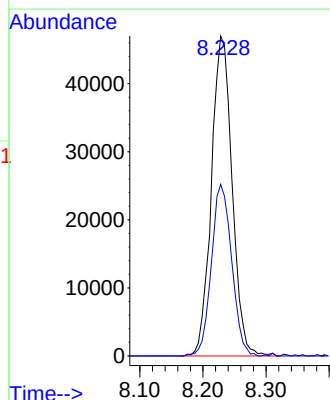
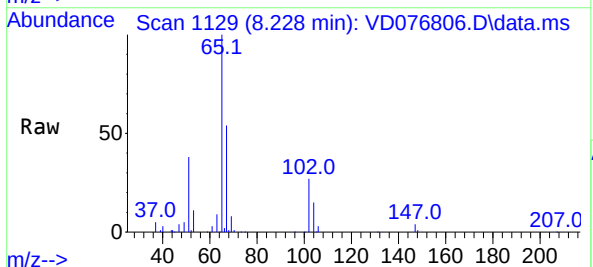
Instrument :
MSVOA_D
ClientSampleId :
B-P4A

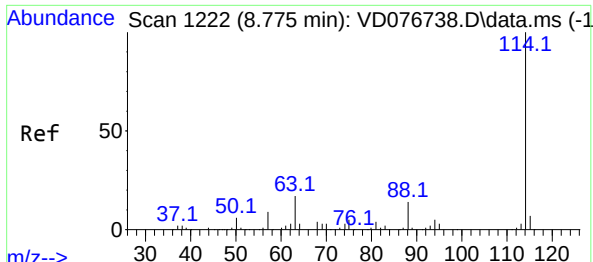
Tgt Ion:168 Resp: 199522
Ion Ratio Lower Upper
168 100
99 50.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 53.835 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076806.D
Acq: 26 Jul 2023 15:22

Tgt Ion: 65 Resp: 106986
Ion Ratio Lower Upper
65 100
67 52.6 0.0 115.0

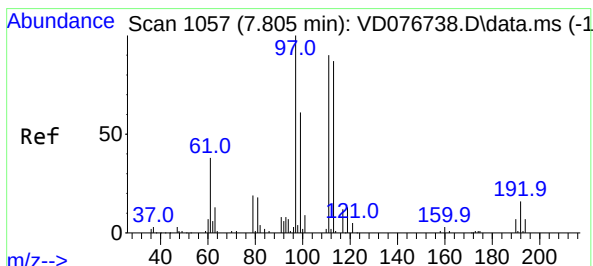
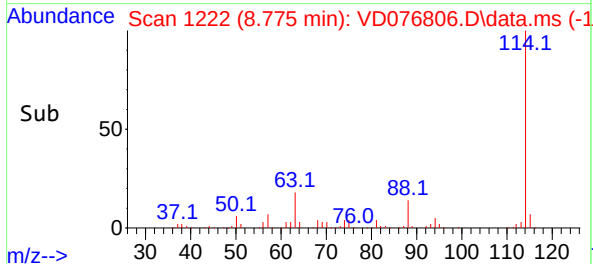
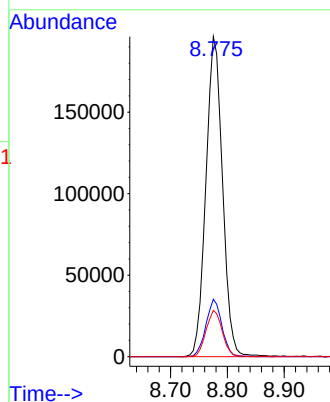
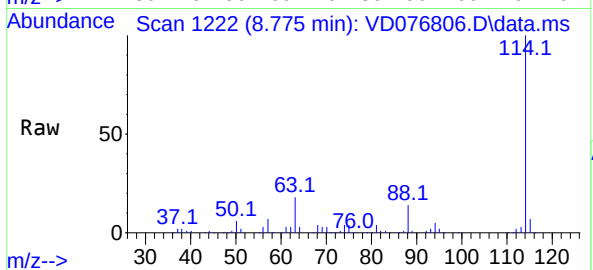




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076806.D
Acq: 26 Jul 2023 15:22

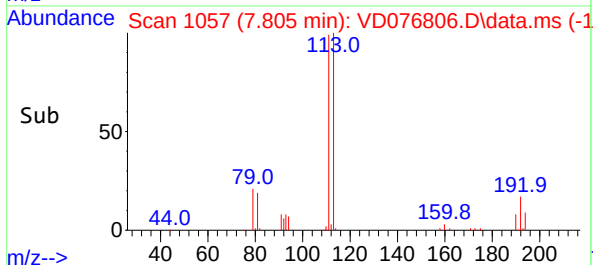
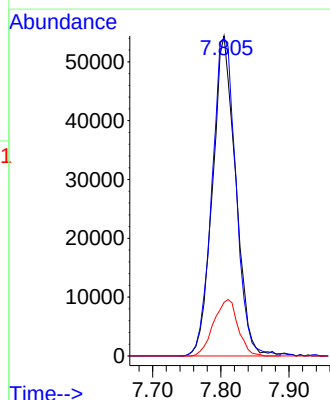
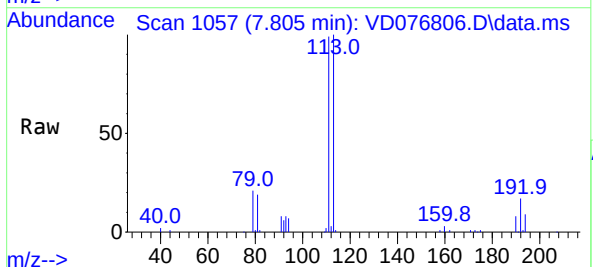
Instrument :
MSVOA_D
ClientSampleId :
B-P4A

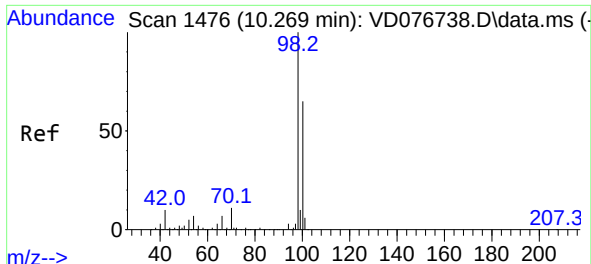
Tgt Ion:114 Resp: 398095
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.4
88 14.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.215 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076806.D
Acq: 26 Jul 2023 15:22

Tgt Ion:113 Resp: 128123
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 18.6 16.8 25.2

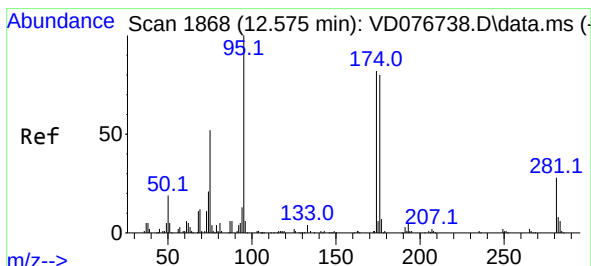
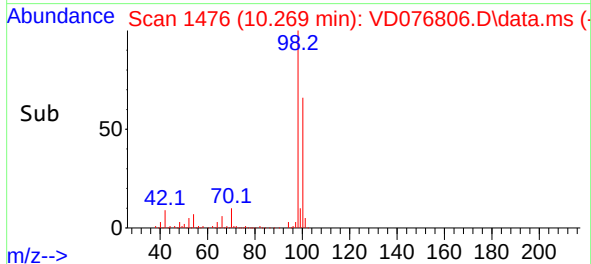
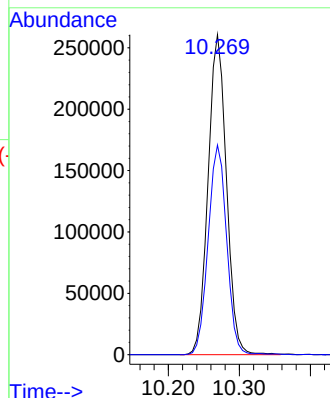
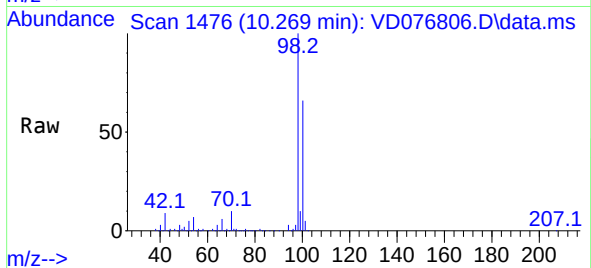




#50
Toluene-d8
Concen: 52.411 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076806.D
Acq: 26 Jul 2023 15:22

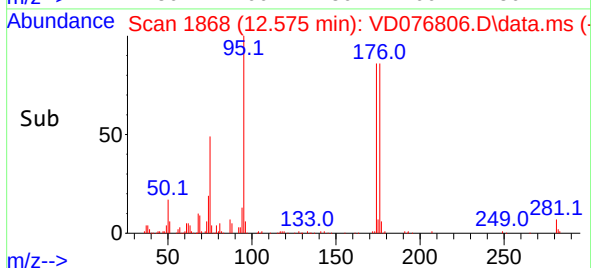
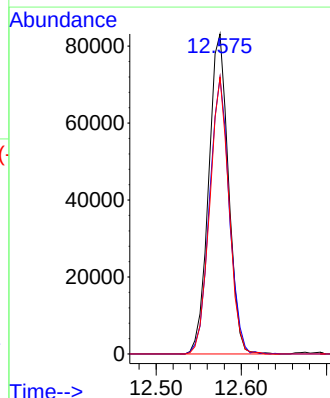
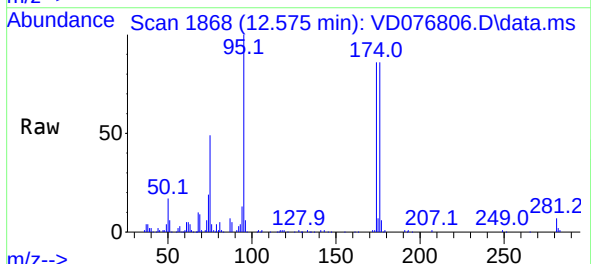
Instrument :
MSVOA_D
ClientSampleId :
B-P4A

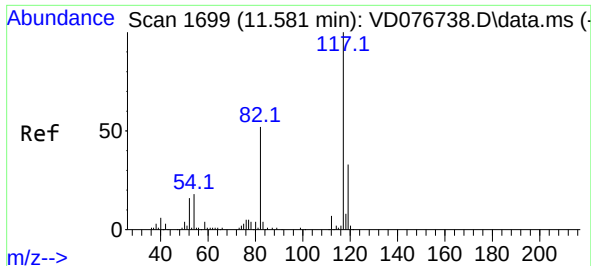
Tgt Ion: 98 Resp: 469044
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.303 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076806.D
Acq: 26 Jul 2023 15:22

Tgt Ion: 95 Resp: 134054
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 83.8 0.0 191.8

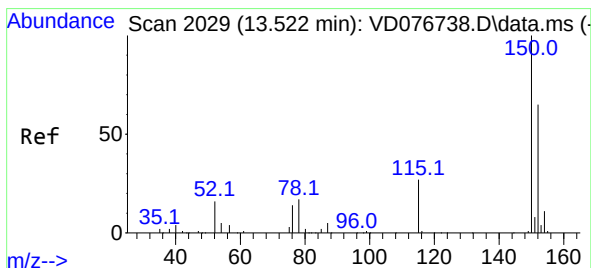
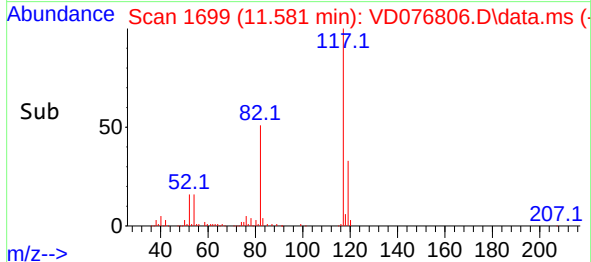
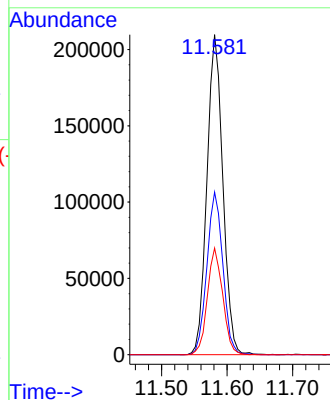
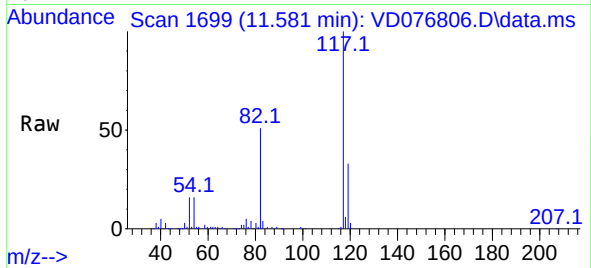




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076806.D
Acq: 26 Jul 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :
B-P4A

Tgt Ion:117 Resp: 354731
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 33.3 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: VD076806.D
Acq: 26 Jul 2023 15:22

Tgt Ion:152 Resp: 147742
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 156.1 0.0 353.6

