

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076812.D
 Acq On : 26 Jul 2023 18:12
 Operator : KP/SY
 Sample : 03769-09
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P40A

Quant Time: Jul 27 04:25:28 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	3743	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	7889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2915	78.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.380%
35) Dibromofluoromethane	7.816	113	2772	55.915	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.840%
50) Toluene-d8	10.263	98	9700	54.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.575	95	2787	48.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.160%

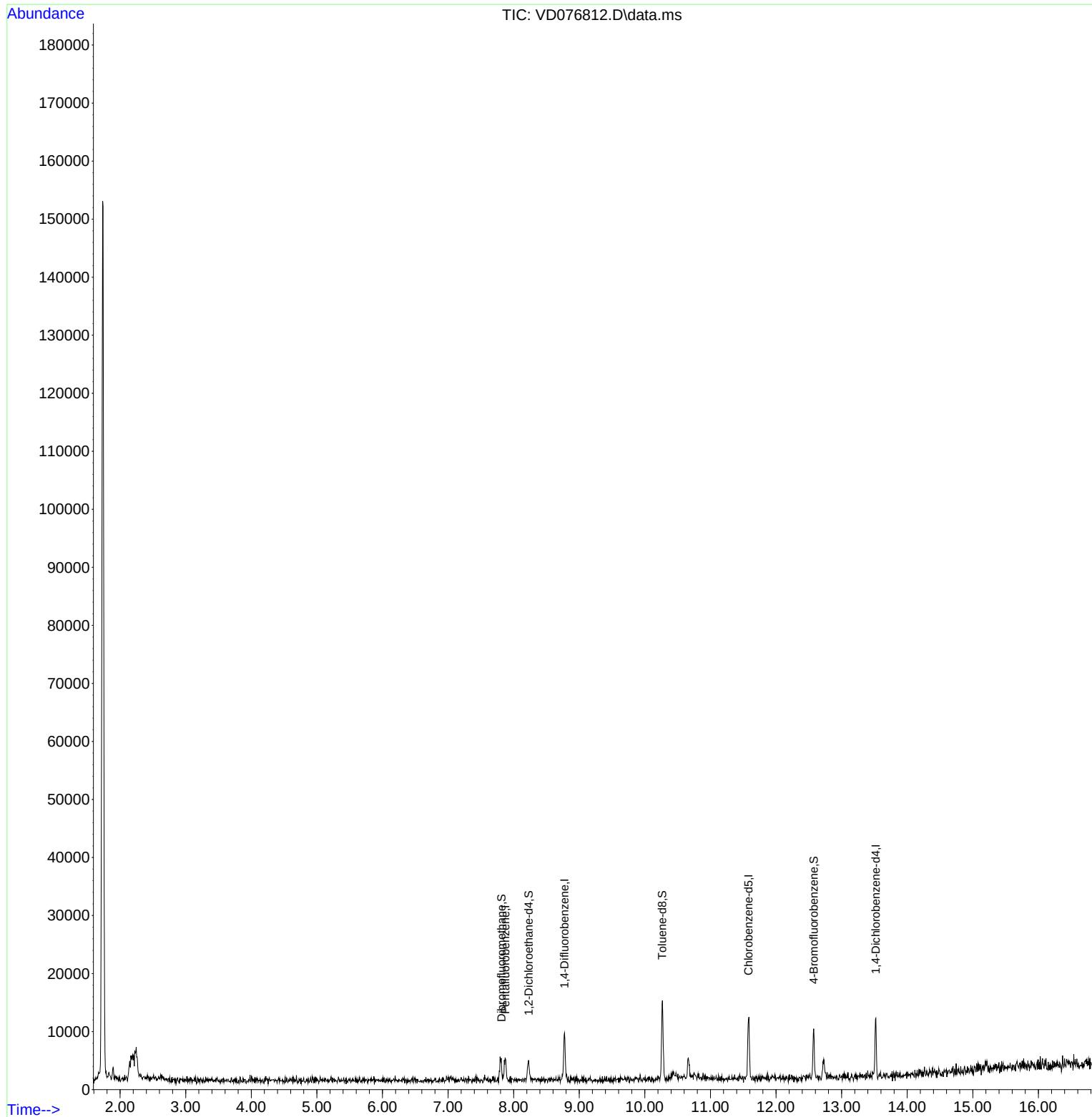
Target Compounds	Qvalue

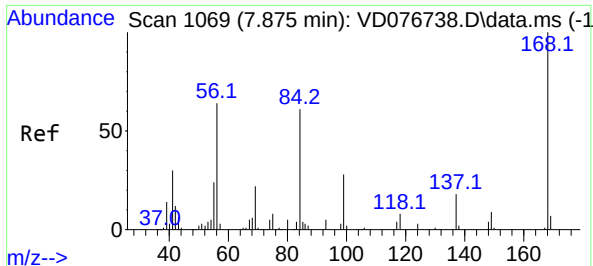
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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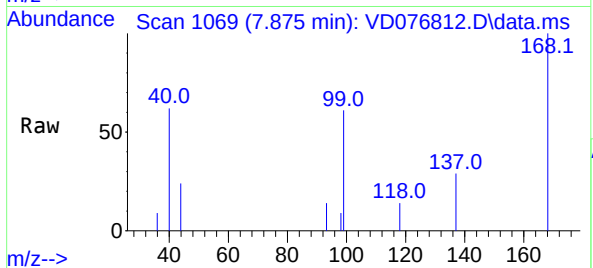
Quant Time: Jul 27 04:25:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
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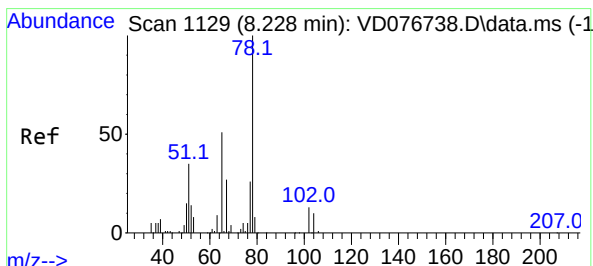
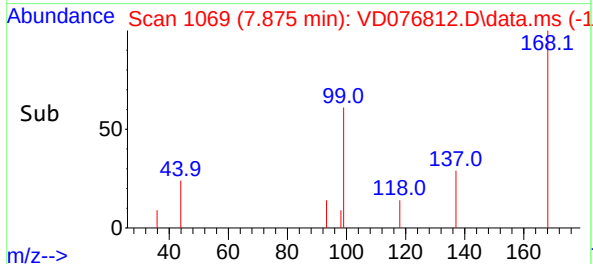
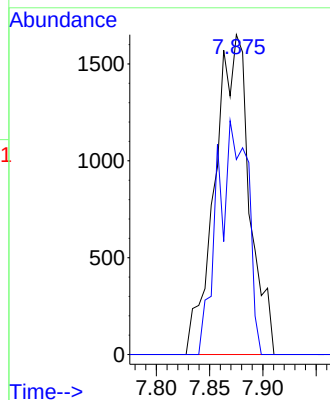


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

Instrument :
MSVOA_D
ClientSampleId :
B-P40A

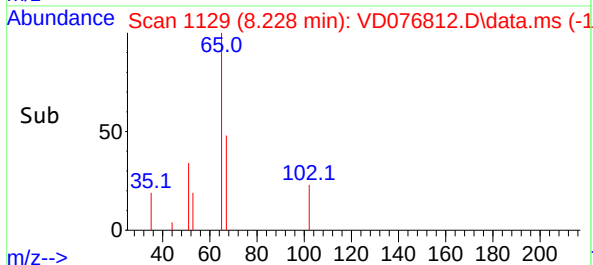
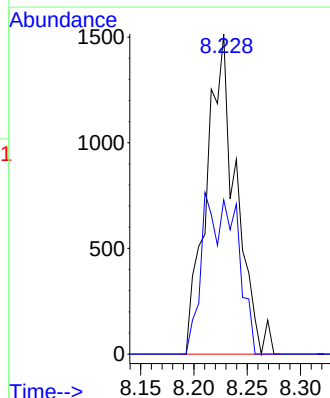
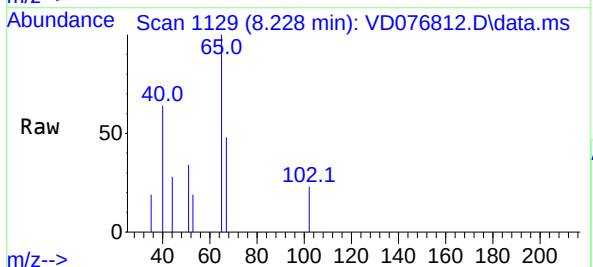


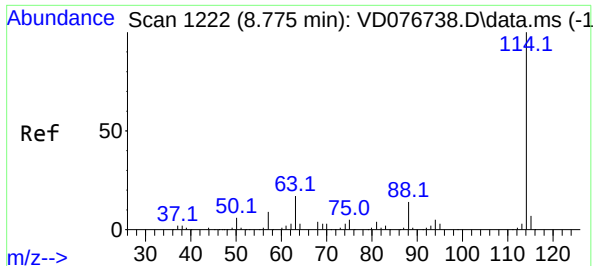
Tgt Ion:168 Resp: 3743
Ion Ratio Lower Upper
168 100
99 61.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 78.189 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

Tgt Ion: 65 Resp: 2915
Ion Ratio Lower Upper
65 100
67 28.3 0.0 115.0

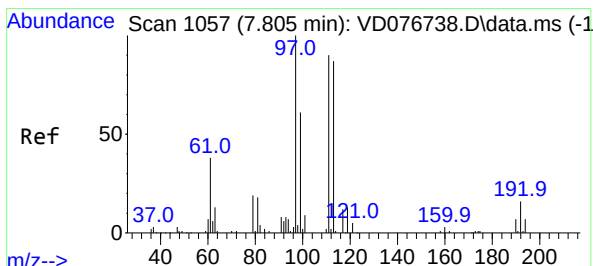
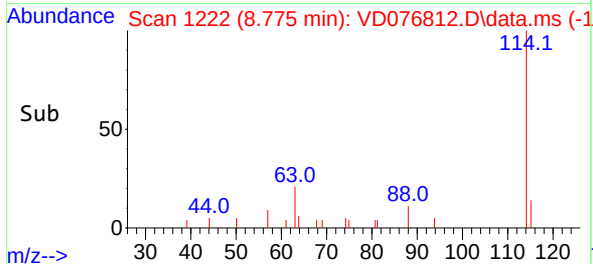
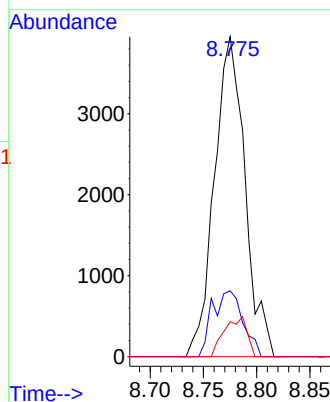
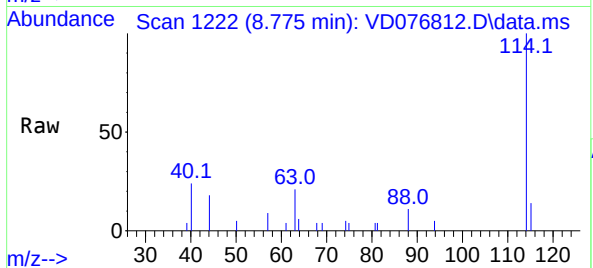




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

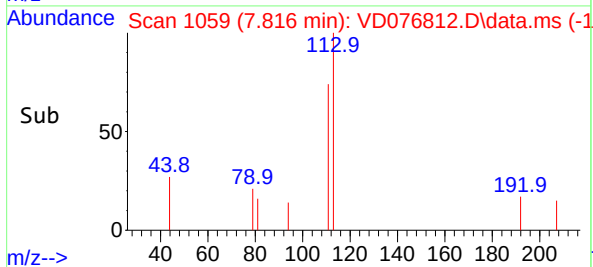
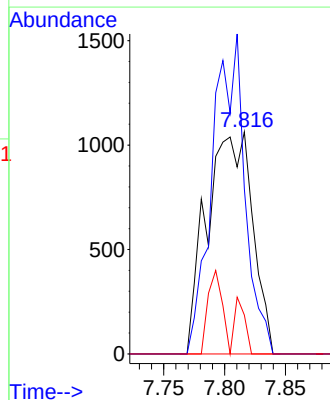
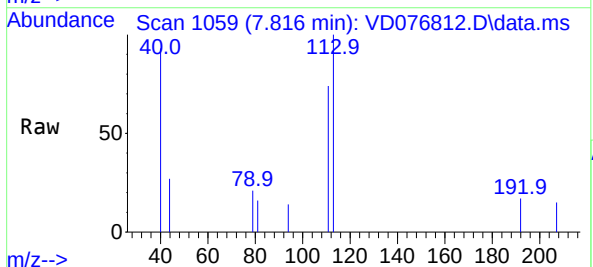
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ClientSampleId :
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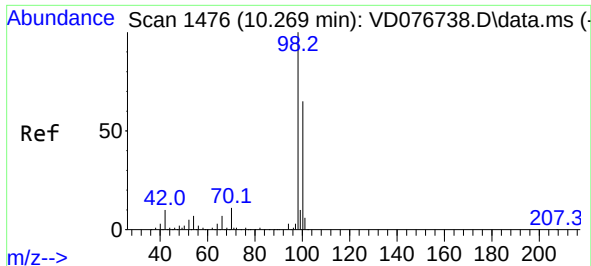
Tgt Ion:114 Resp: 7889
Ion Ratio Lower Upper
114 100
63 20.6 0.0 33.4
88 10.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 55.915 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.011 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

Tgt Ion:113 Resp: 2772
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 5.8 16.8 25.2#

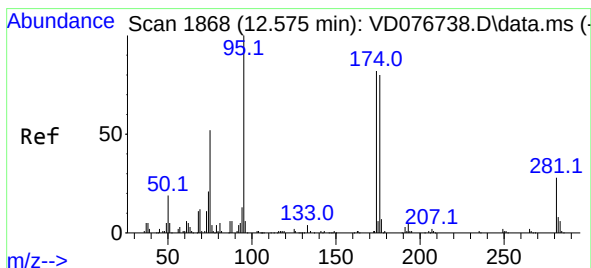
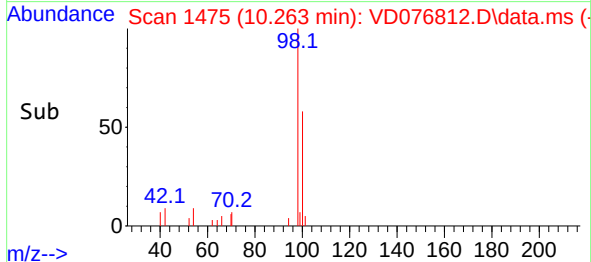
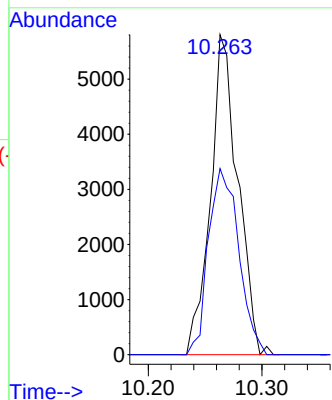
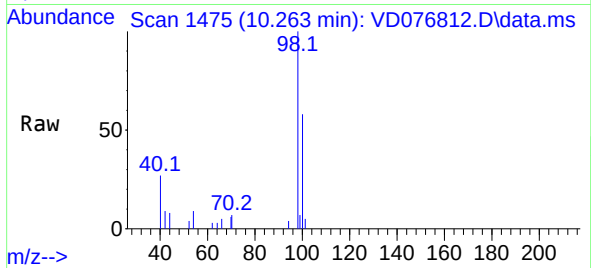




#50
Toluene-d8
Concen: 54.695 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

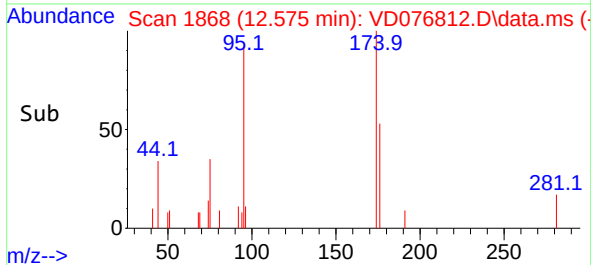
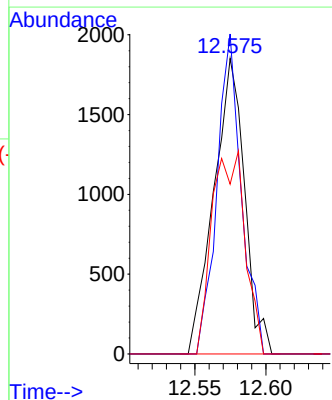
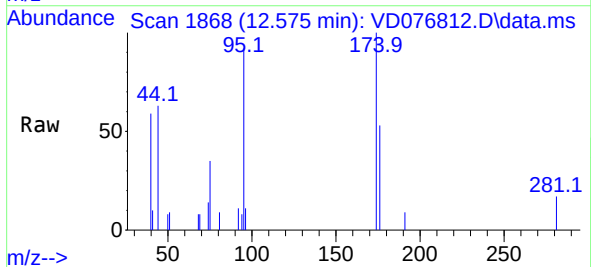
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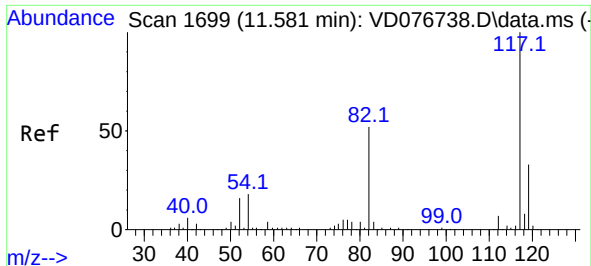
Tgt Ion: 98 Resp: 9700
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.577 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

Tgt Ion: 95 Resp: 2787
Ion Ratio Lower Upper
95 100
174 85.9 0.0 201.8
176 73.4 0.0 191.8

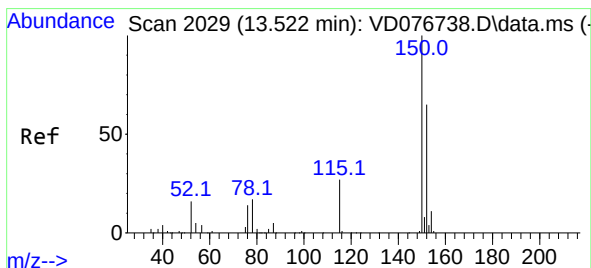
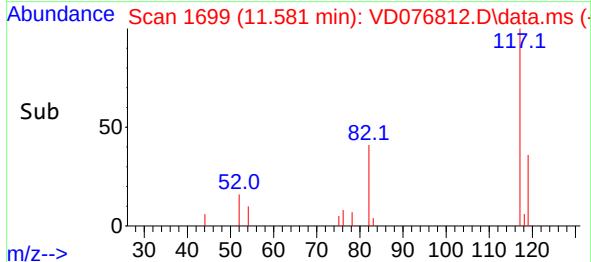
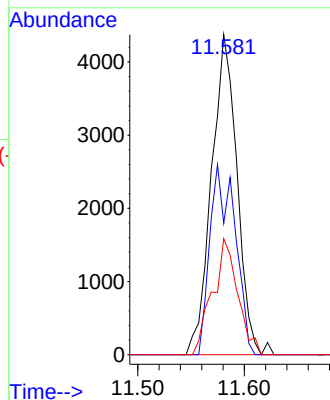
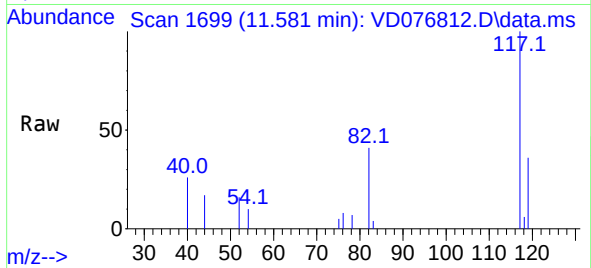




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

Instrument :
MSVOA_D
ClientSampleId :
B-P40A

Tgt Ion:117	Resp:	7281
Ion	Ratio	Lower Upper
117	100	
82	41.1	38.3 57.5
119	36.3	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076812.D
Acq: 26 Jul 2023 18:12

Tgt Ion:152	Resp:	2647
Ion	Ratio	Lower Upper
152	100	
115	62.8	27.1 81.3
150	169.1	0.0 353.6

