

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077044.D
 Acq On : 28 Aug 2023 16:32
 Operator : JC/SY
 Sample : 04183-03
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-082523

Quant Time: Aug 29 02:51:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

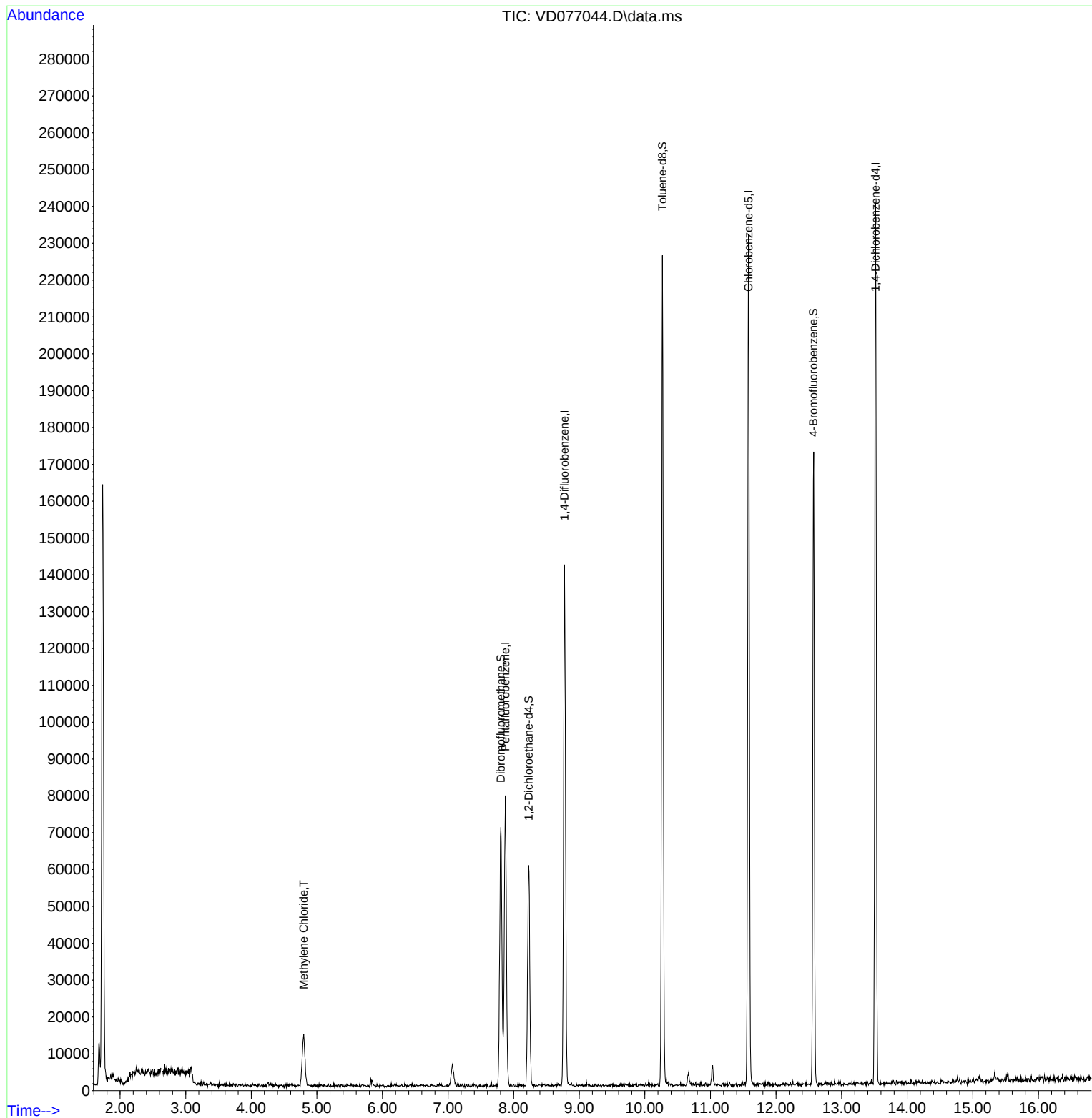
Internal Standards						
1) Pentafluorobenzene	7.875	168	60292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	132750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47455	79.943	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	159.880%	
35) Dibromofluoromethane	7.804	113	49926	56.295	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	112.600%	
50) Toluene-d8	10.269	98	159348	49.666	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.340%	
62) 4-Bromofluorobenzene	12.569	95	53221	56.262	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	112.520%	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	11178	10.060	ug/l	# 88

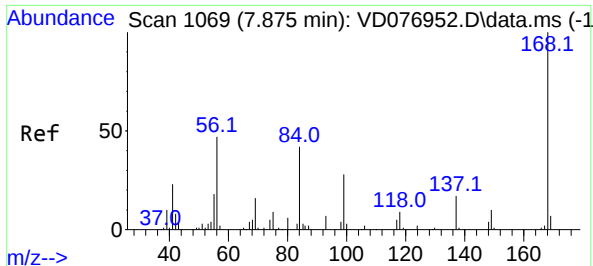
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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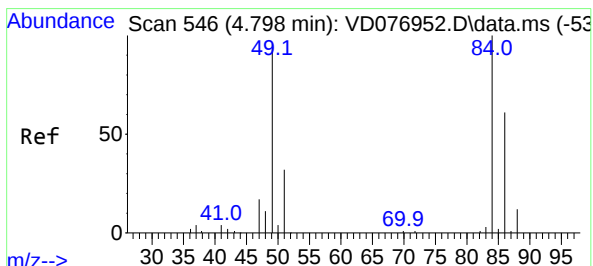
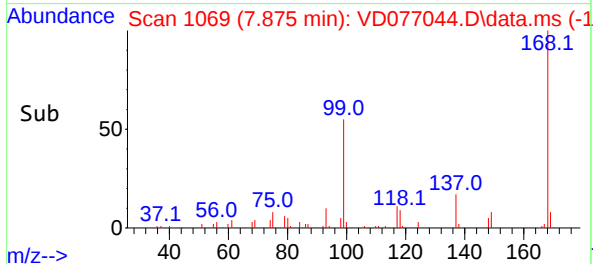
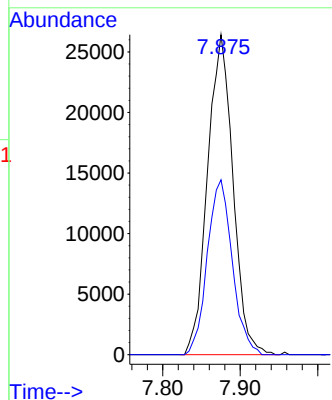
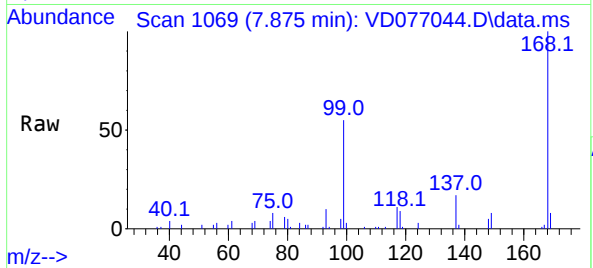




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

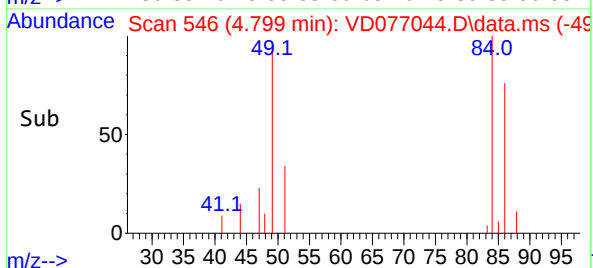
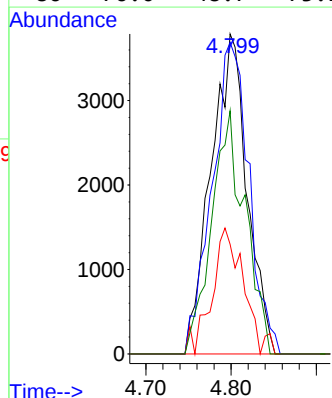
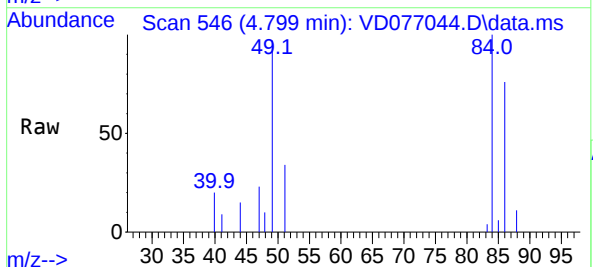
Instrument :
MSVOA_D
ClientSampleId :
HR-03-082523

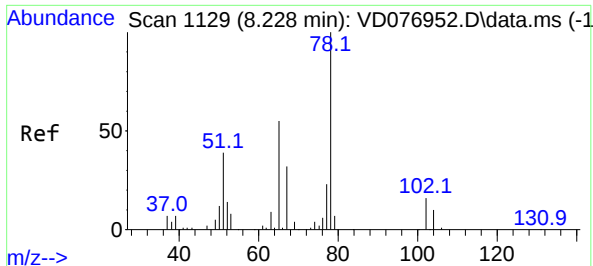
Tgt Ion:168 Resp: 60292
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#20
Methylene Chloride
Concen: 10.060 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion: 84 Resp: 11178
Ion Ratio Lower Upper
84 100
49 97.4 71.4 107.2
51 34.2 24.5 36.7
86 76.0 48.7 73.1#

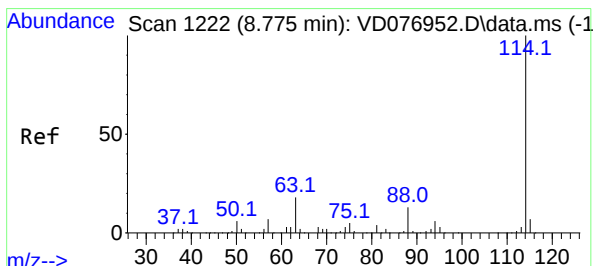
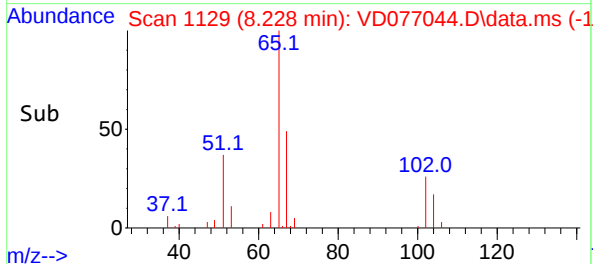
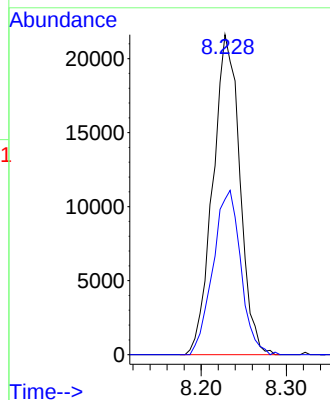
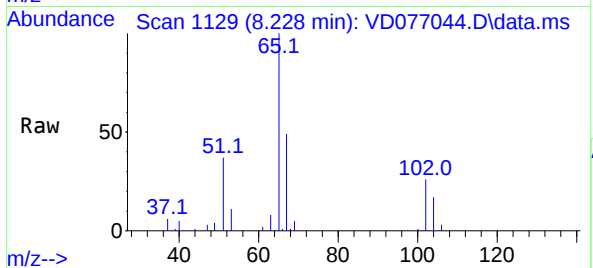




#33
1,2-Dichloroethane-d4
Concen: 79.943 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

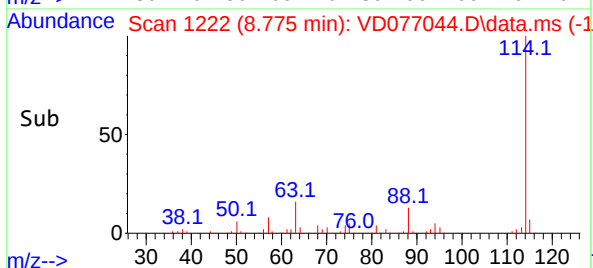
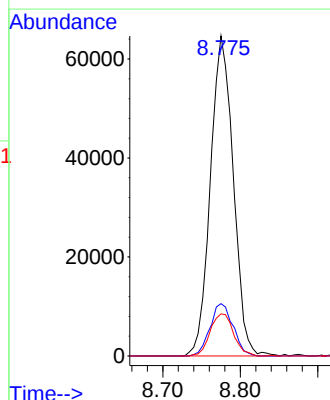
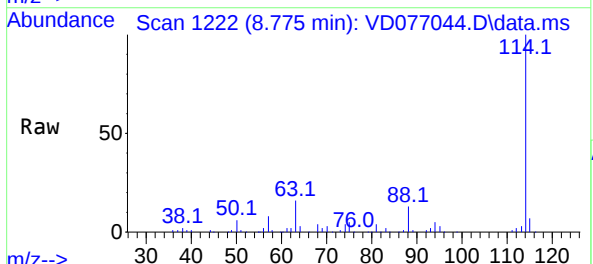
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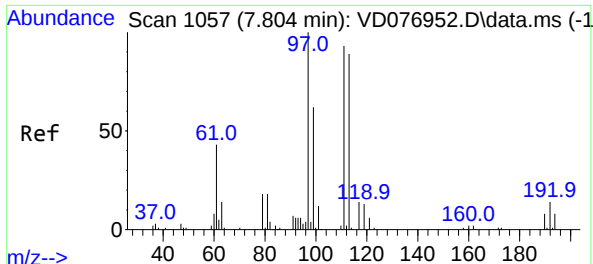
Tgt Ion: 65 Resp: 47455
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion: 114 Resp: 132750
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.4
88 13.1 0.0 26.2

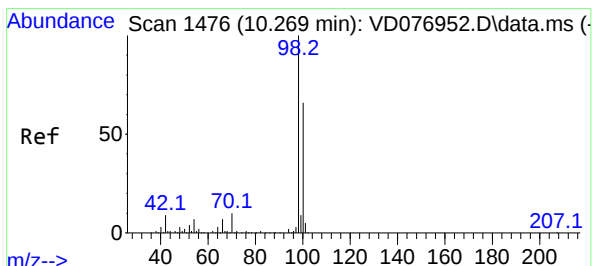
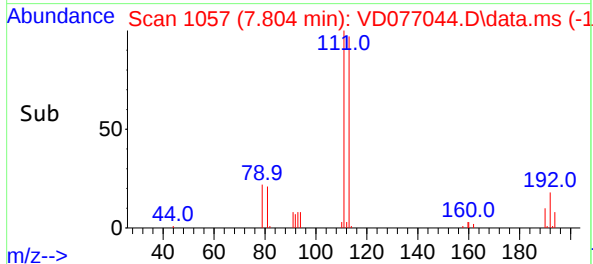
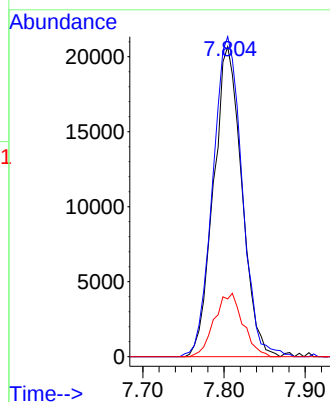
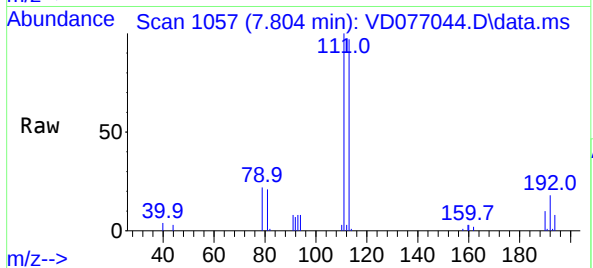




#35
Dibromofluoromethane
Concen: 56.295 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

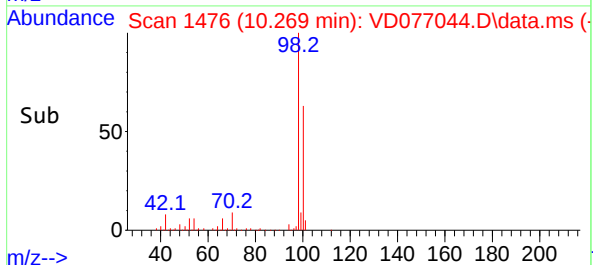
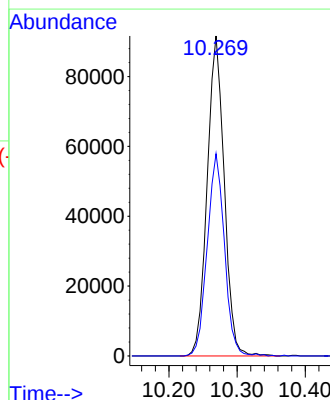
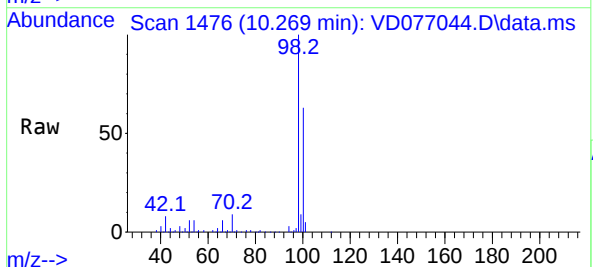
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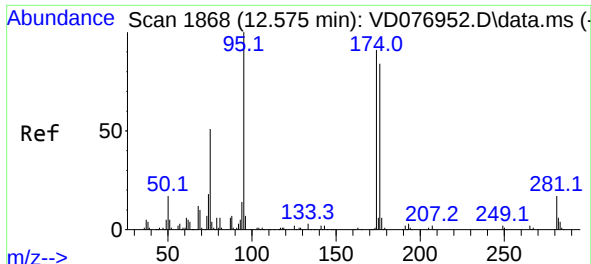
Tgt Ion:113 Resp: 49926
Ion Ratio Lower Upper
113 100
111 107.0 84.7 127.1
192 20.7 16.8 25.2



#50
Toluene-d8
Concen: 49.666 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion: 98 Resp: 159348
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5

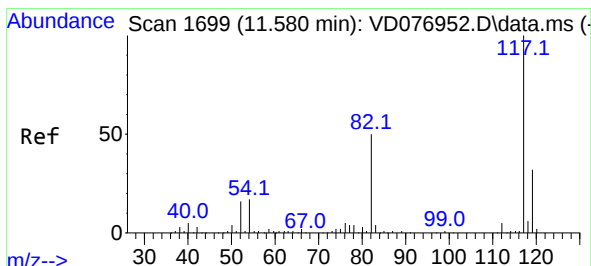
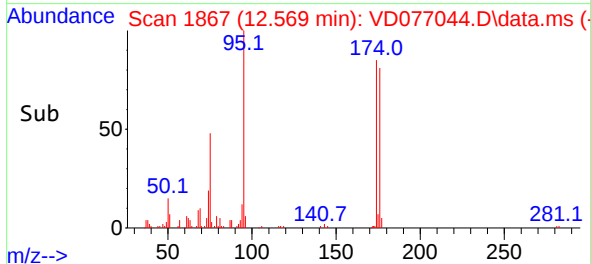
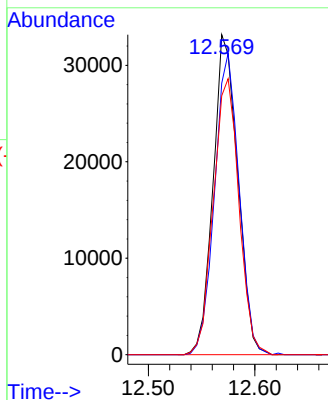
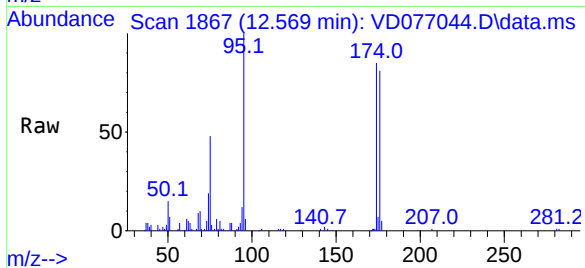




#62
4-Bromofluorobenzene
Concen: 56.262 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

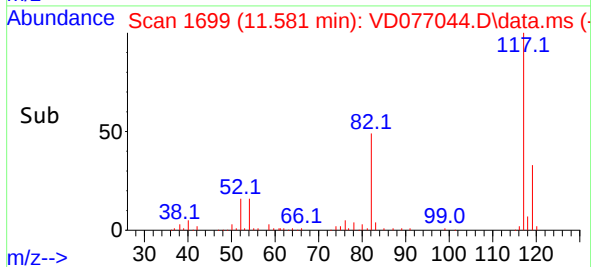
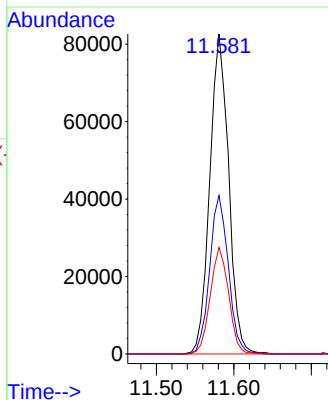
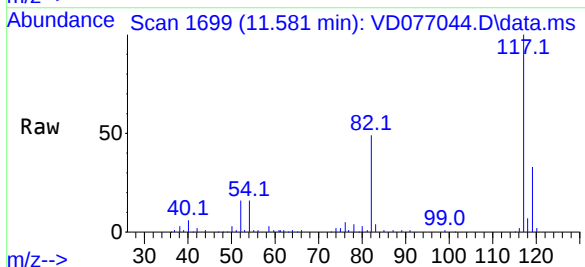
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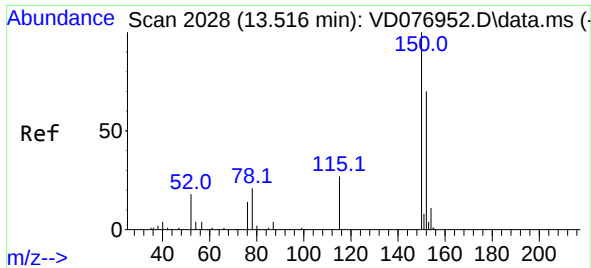
Tgt Ion: 95 Resp: 53221
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 89.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

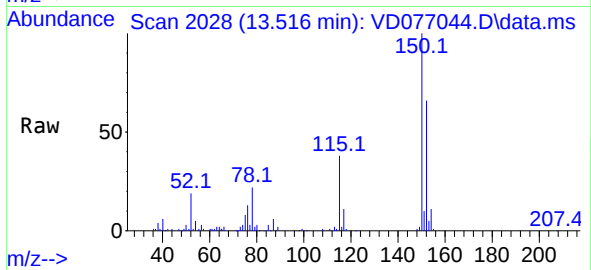
Tgt Ion: 117 Resp: 139641
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 33.3 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077044.D
 Acq: 28 Aug 2023 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-082523



Tgt Ion:	152	Resp:	68464
Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.1	81.3
150	150.4	0.0	353.6

