

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077069.D
 Acq On : 29 Aug 2023 18:38
 Operator : JC/SY
 Sample : 04198-16
 Misc : 1.42G/5.8ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-309-OK-370-VOC-26

Quant Time: Aug 29 21:01:43 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)

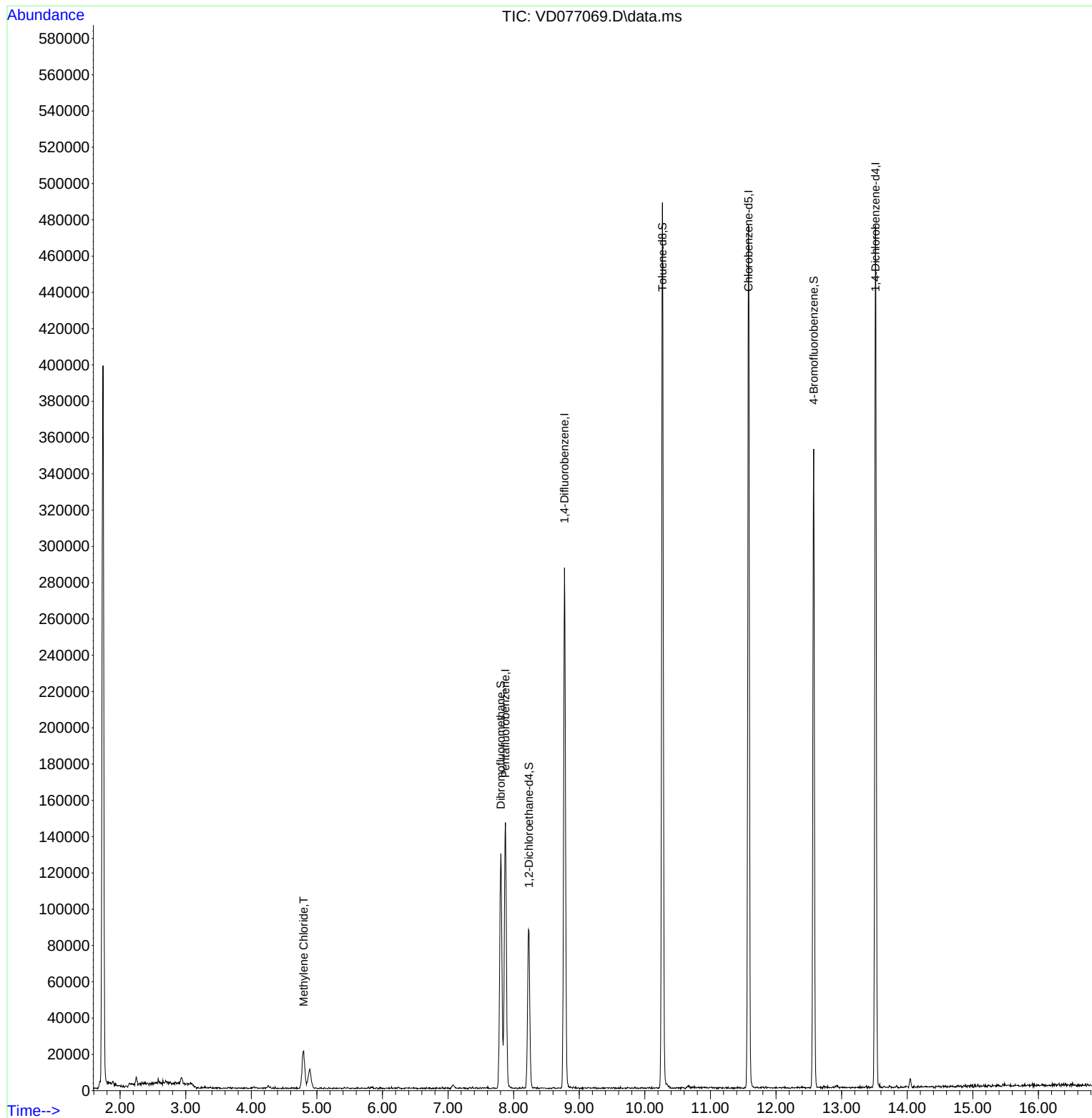
Internal Standards						
1) Pentafluorobenzene	7.875	168	116496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69733	60.797	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	121.600%	
35) Dibromofluoromethane	7.804	113	93821	53.585	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.160%	
50) Toluene-d8	10.269	98	342772	54.114	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	108.220%	
62) 4-Bromofluorobenzene	12.575	95	106093	56.808	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	113.620%	
Target Compounds						
20) Methylene Chloride	4.799	84	17325	7.239	ug/l	Qvalue 96

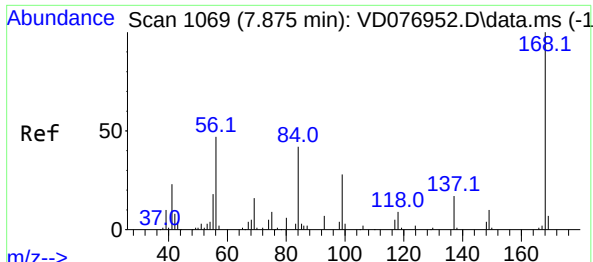
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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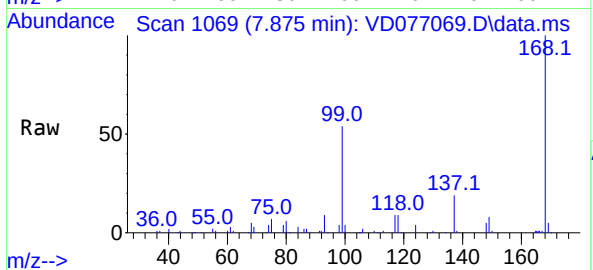
Quant Time: Aug 29 21:01:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
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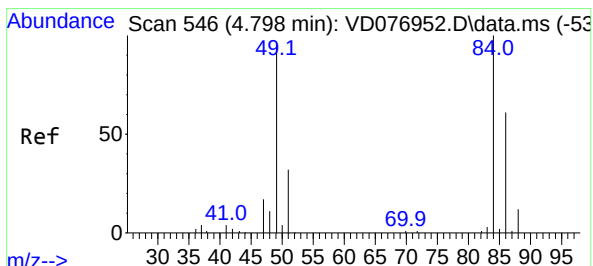
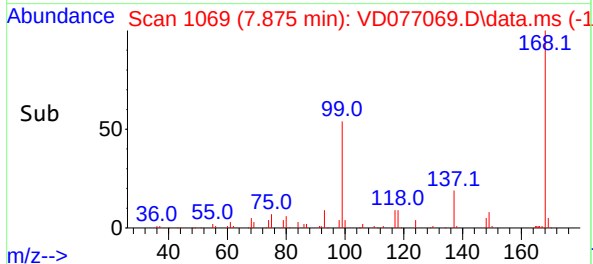
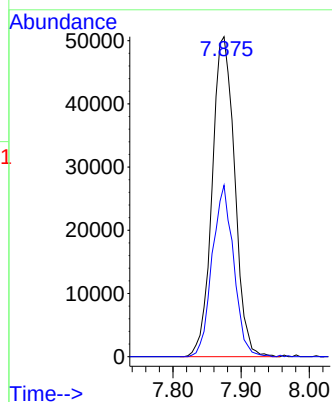


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

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MSVOA_D
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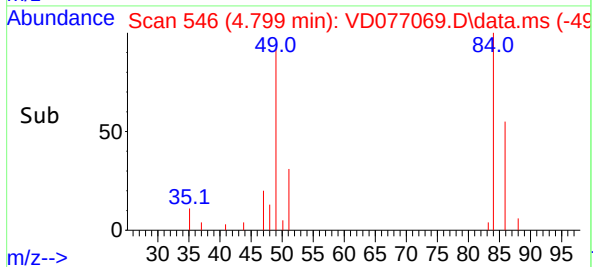
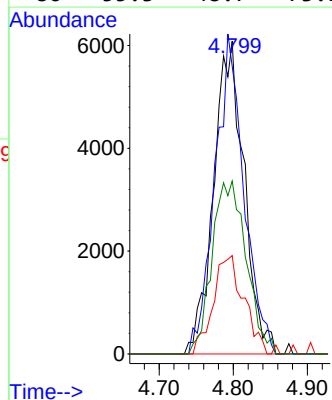
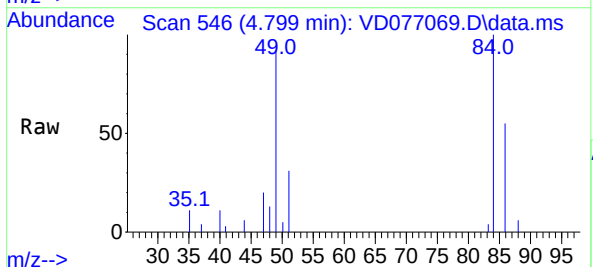


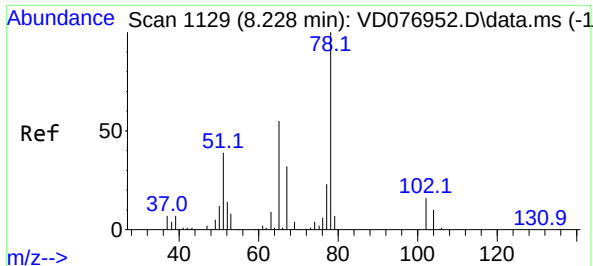
Tgt Ion:168 Resp: 116496
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#20
Methylene Chloride
Concen: 7.239 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 84 Resp: 17325
Ion Ratio Lower Upper
84 100
49 92.0 71.4 107.2
51 31.5 24.5 36.7
86 55.3 48.7 73.1

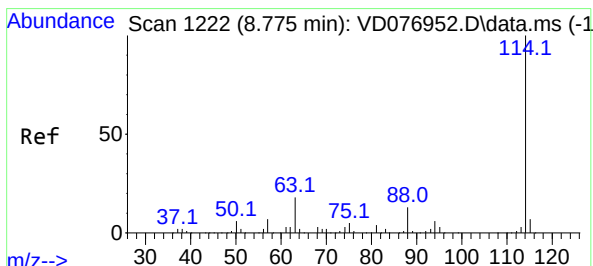
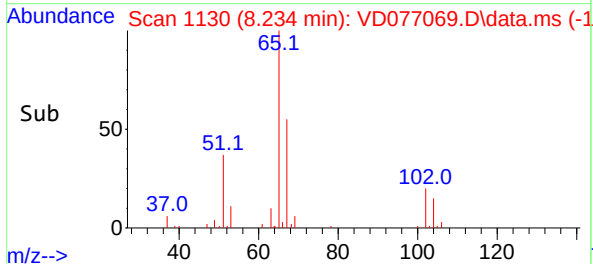
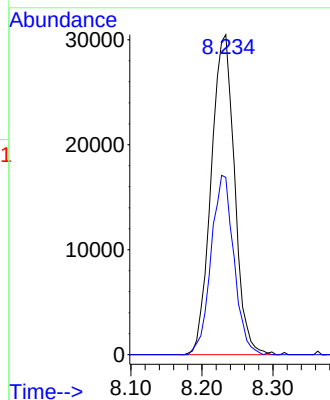
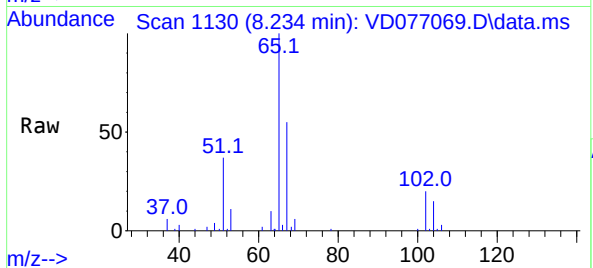




#33
1,2-Dichloroethane-d4
Concen: 60.797 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

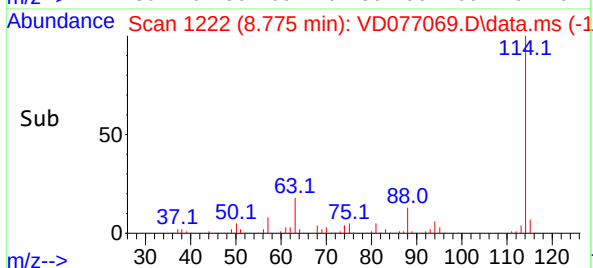
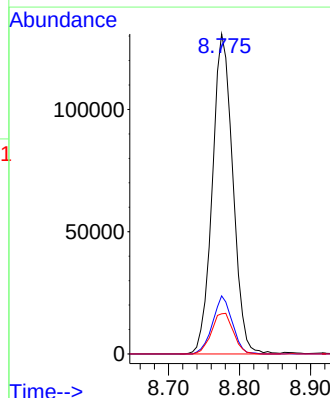
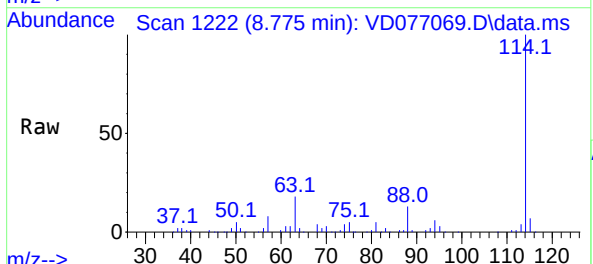
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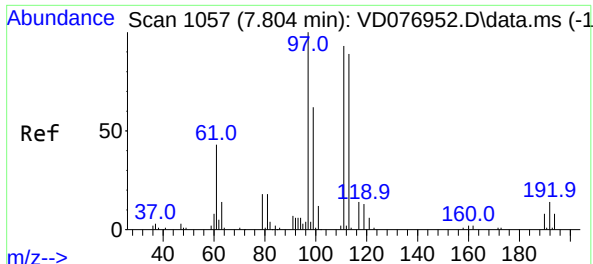
Tgt Ion: 65 Resp: 69733
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 114 Resp: 262085
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.4
88 12.6 0.0 26.2

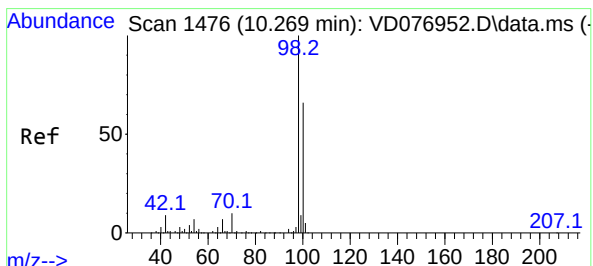
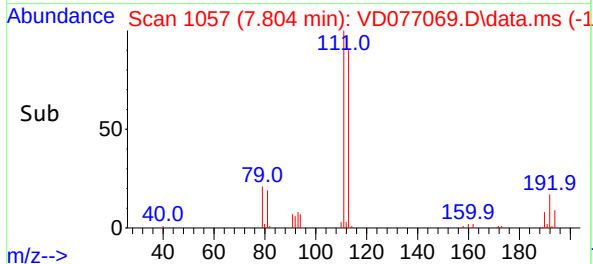
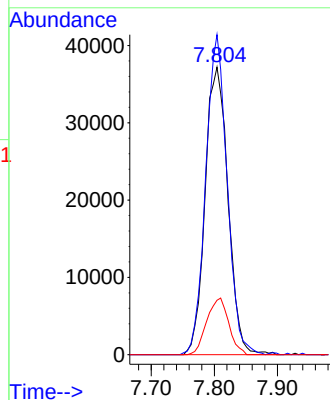
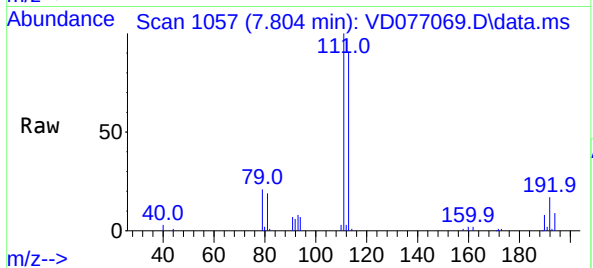




#35
Dibromofluoromethane
Concen: 53.585 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

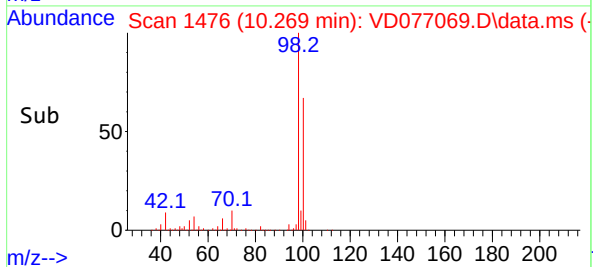
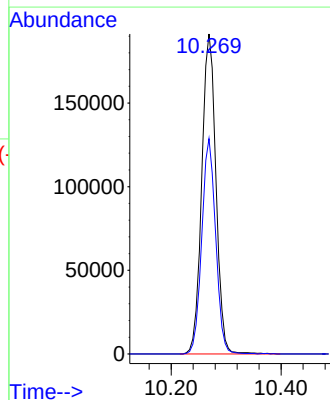
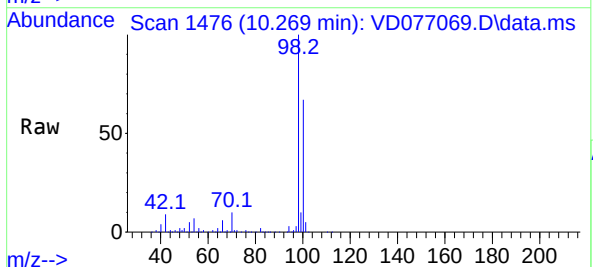
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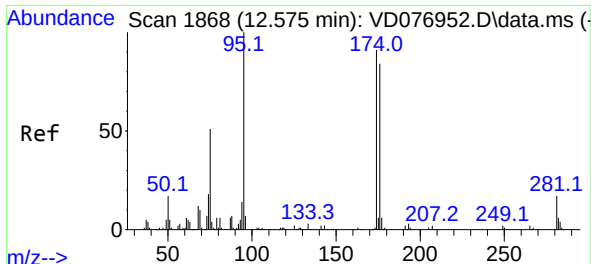
Tgt Ion:113 Resp: 93821
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 18.9 16.8 25.2



#50
Toluene-d8
Concen: 54.114 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 98 Resp: 342772
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5

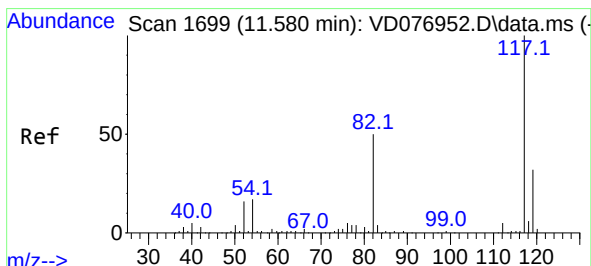
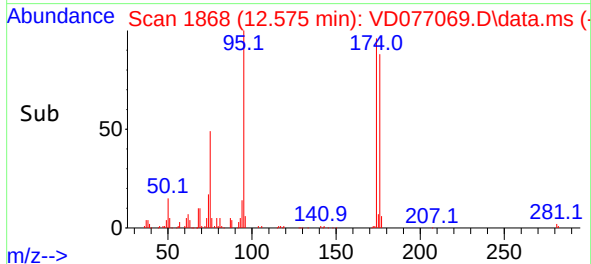
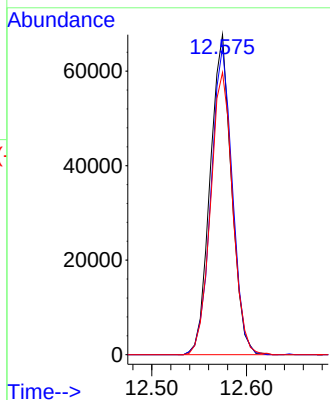
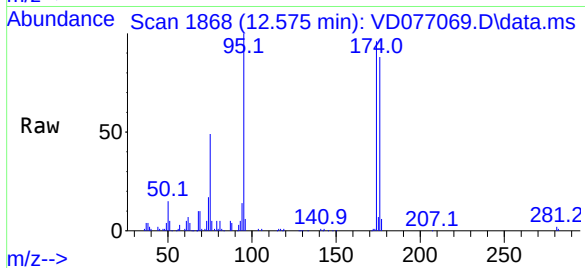




#62
4-Bromofluorobenzene
Concen: 56.808 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

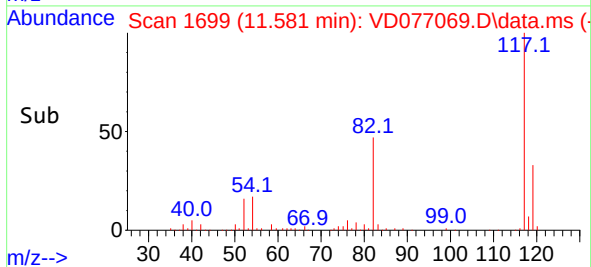
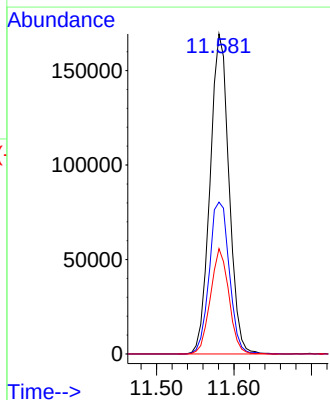
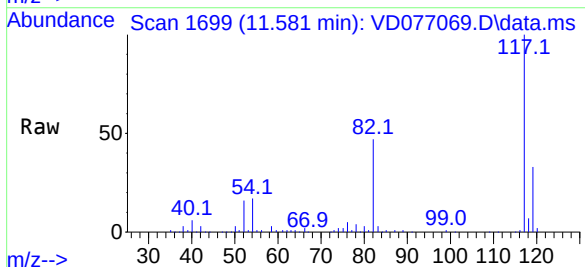
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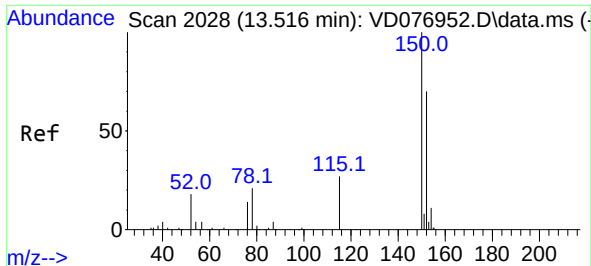
Tgt Ion: 95 Resp: 106093
Ion Ratio Lower Upper
95 100
174 95.9 0.0 201.8
176 91.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

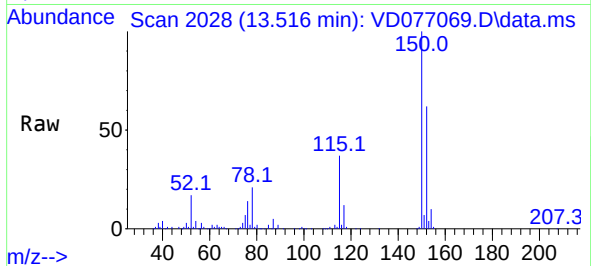
Tgt Ion: 117 Resp: 288587
Ion Ratio Lower Upper
117 100
82 47.4 38.3 57.5
119 32.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077069.D
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Tgt Ion:	152	Resp:	131552
Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.1	81.3
150	158.1	0.0	353.6

