

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077050.D
 Acq On : 28 Aug 2023 19:21
 Operator : JC/SY
 Sample : 04196-03
 Misc : 4.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-345-VOC-01

Quant Time: Aug 29 02:52:22 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)

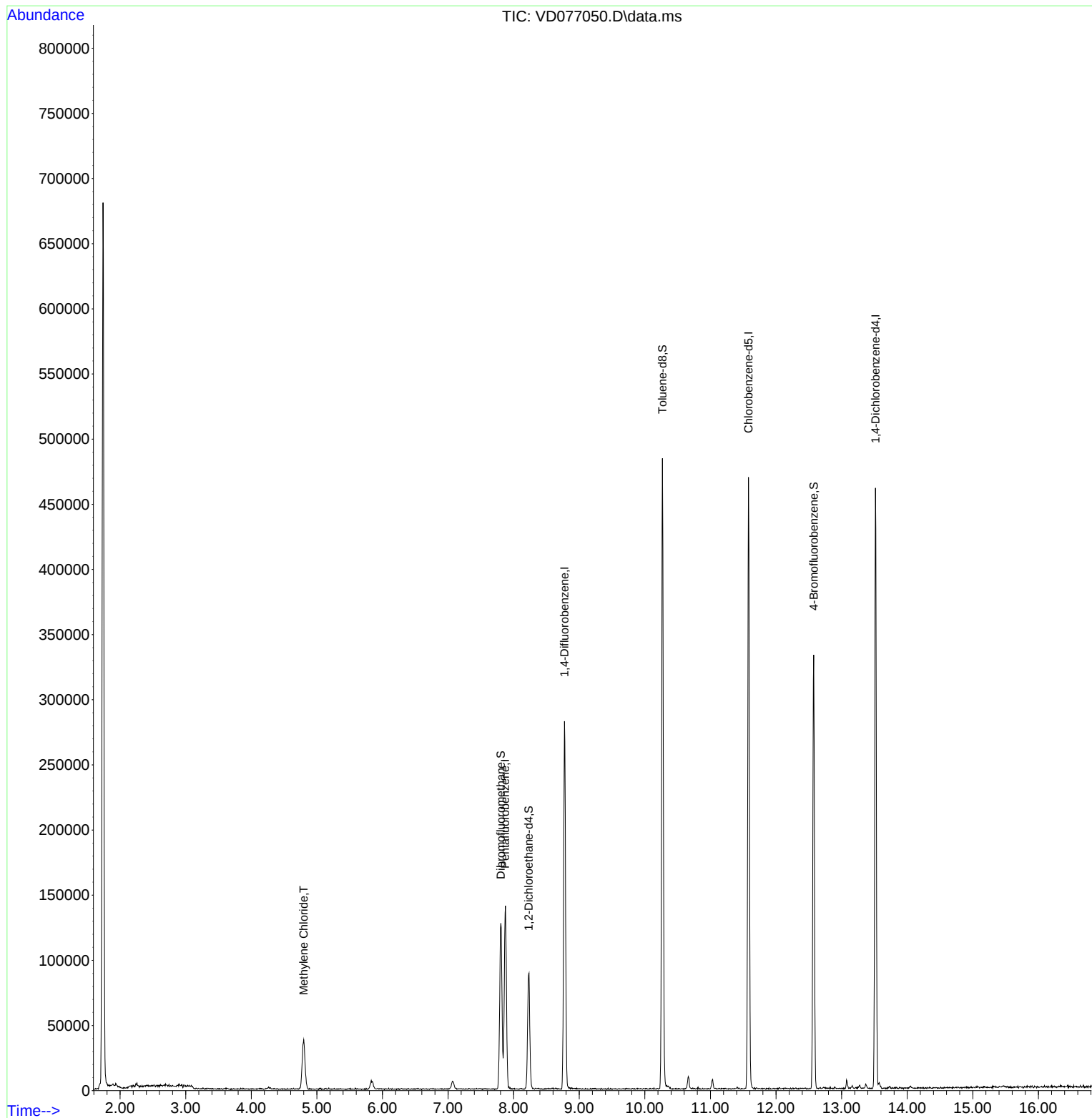
Internal Standards						
1) Pentafluorobenzene	7.869	168	114048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	263058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71007	63.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.480%	
35) Dibromofluoromethane	7.804	113	95121	54.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.269	98	339626	53.419	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.575	95	101061	53.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.820%	
Target Compounds						
20) Methylene Chloride	4.799	84	30518	16.382	ug/l	Qvalue # 85

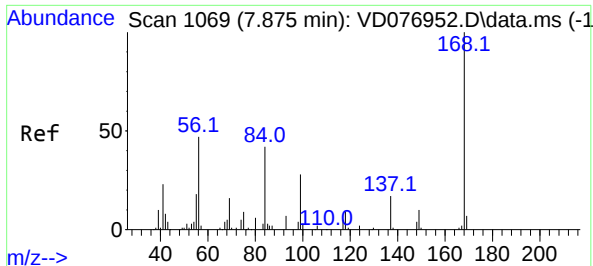
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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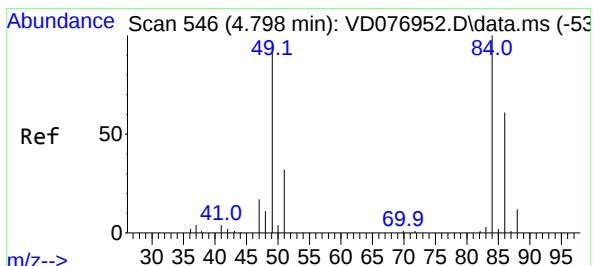
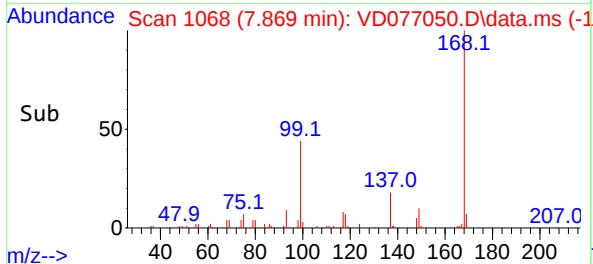
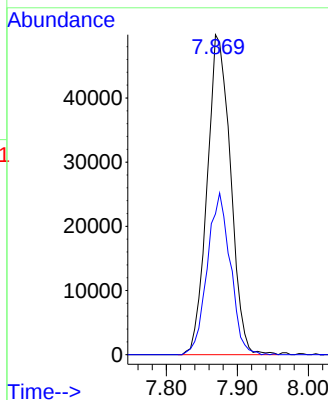
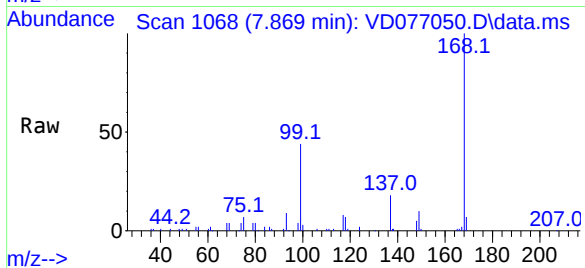




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

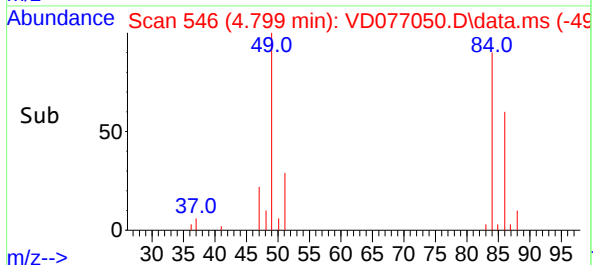
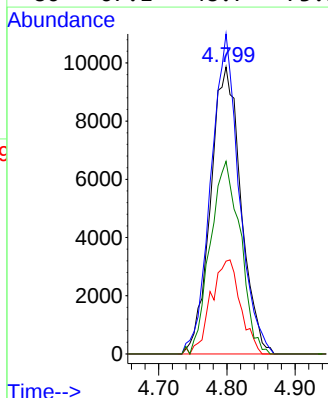
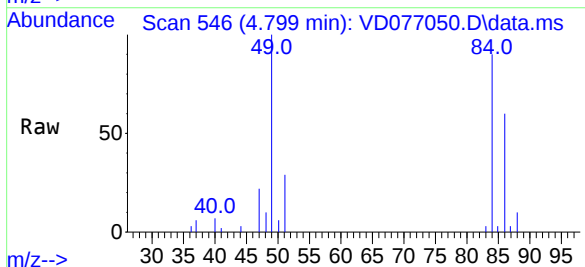
Instrument :
MSVOA_D
ClientSampleId :
OR-345-VOC-01

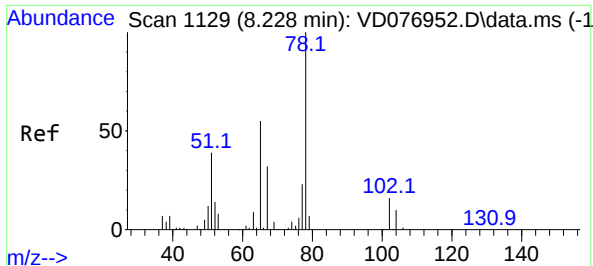
Tgt Ion:168 Resp: 114048
Ion Ratio Lower Upper
168 100
99 44.0 36.7 55.1



#20
Methylene Chloride
Concen: 16.382 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Tgt Ion: 84 Resp: 30518
Ion Ratio Lower Upper
84 100
49 111.5 71.4 107.2#
51 32.4 24.5 36.7
86 67.1 48.7 73.1

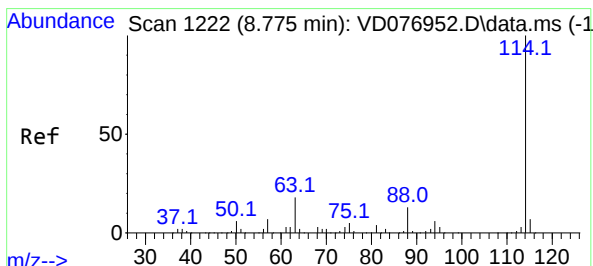
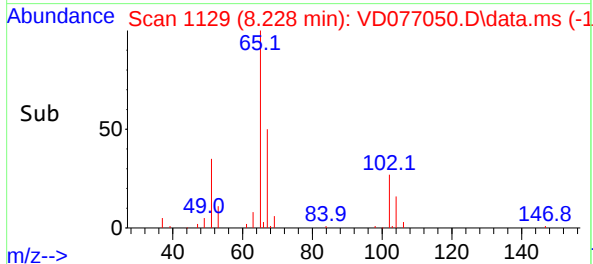
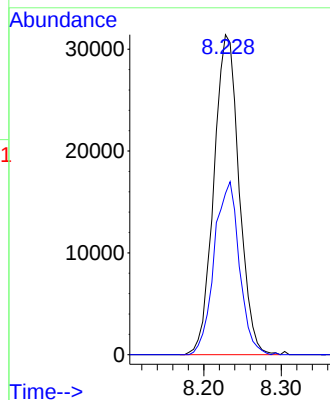
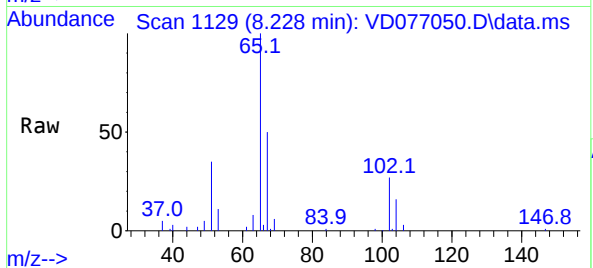




#33
1,2-Dichloroethane-d4
Concen: 63.237 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

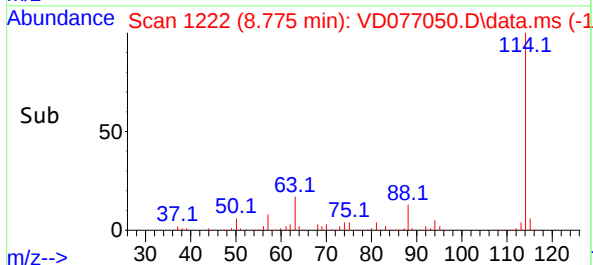
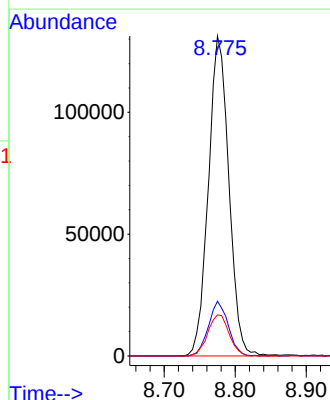
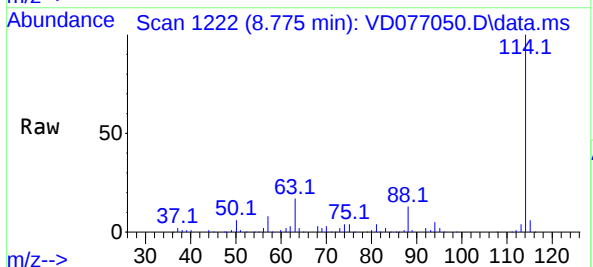
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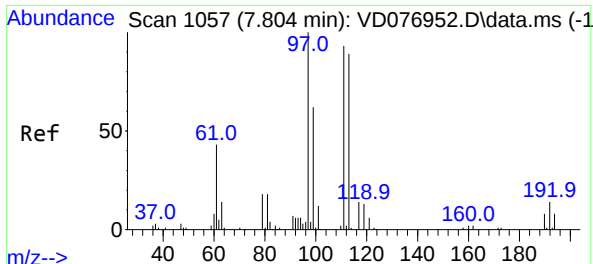
Tgt Ion: 65 Resp: 71007
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Tgt Ion: 114 Resp: 263058
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 12.9 0.0 26.2

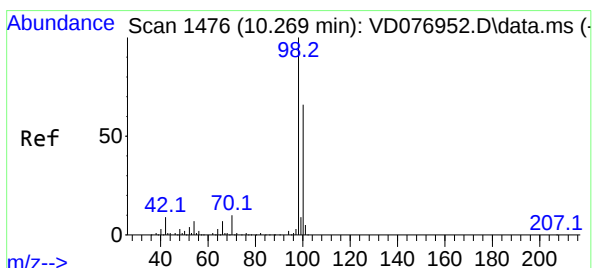
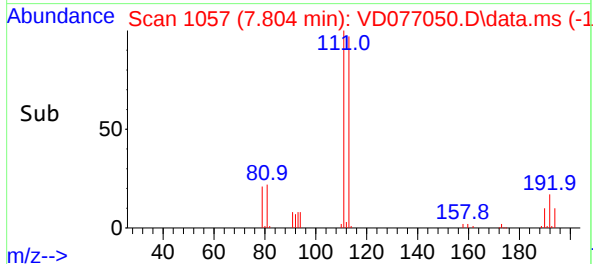
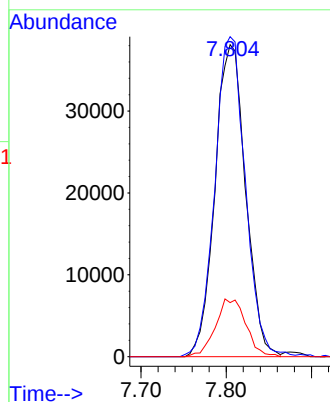
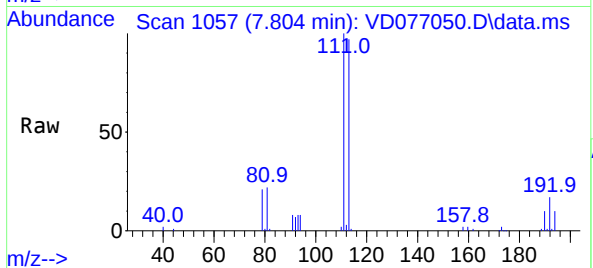




#35
Dibromofluoromethane
Concen: 54.126 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

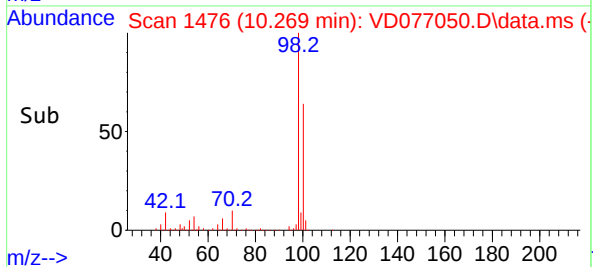
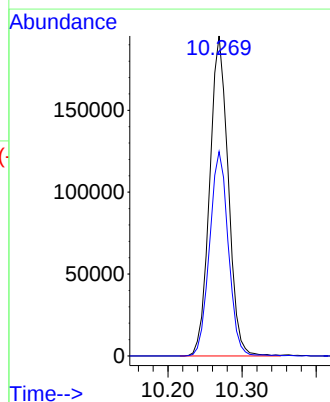
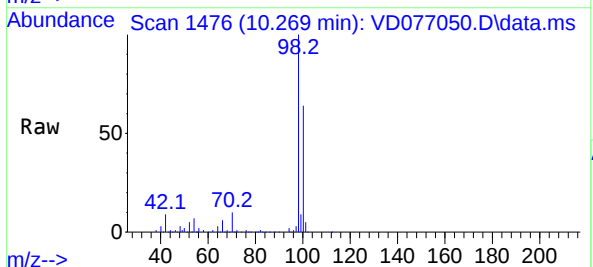
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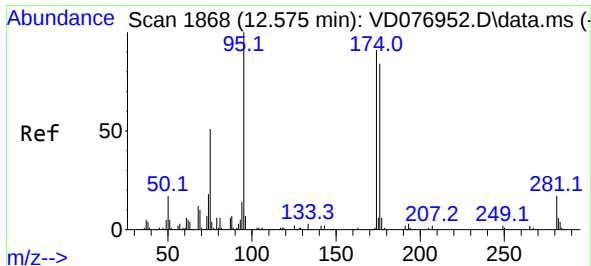
Tgt Ion:113 Resp: 95121
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 18.4 16.8 25.2



#50
Toluene-d8
Concen: 53.419 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Tgt Ion: 98 Resp: 339626
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

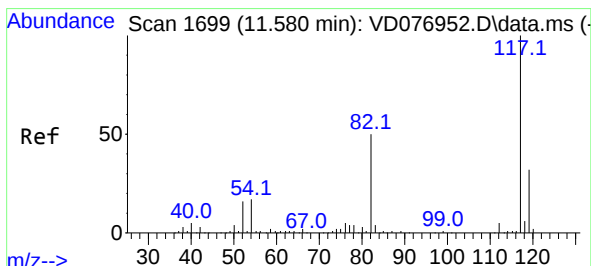
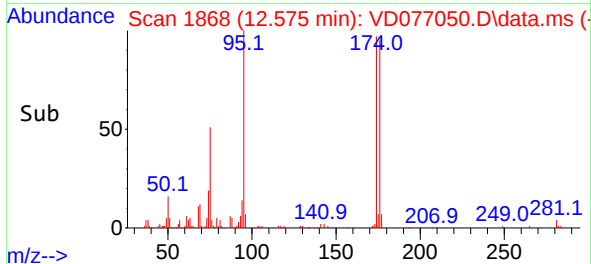
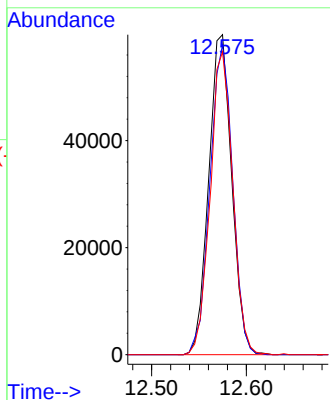
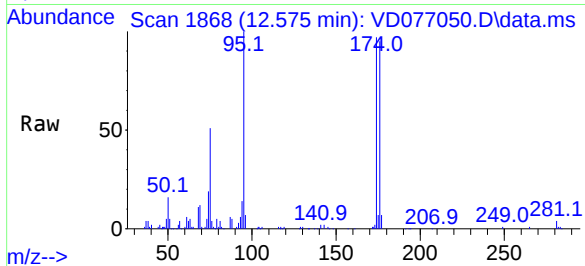




#62
4-Bromofluorobenzene
Concen: 53.914 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

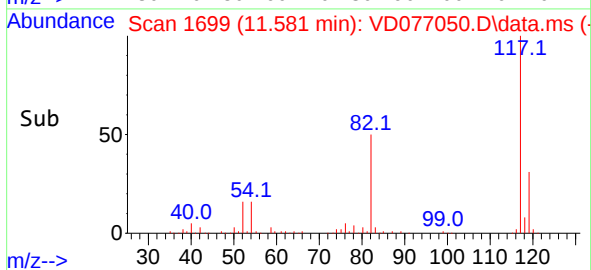
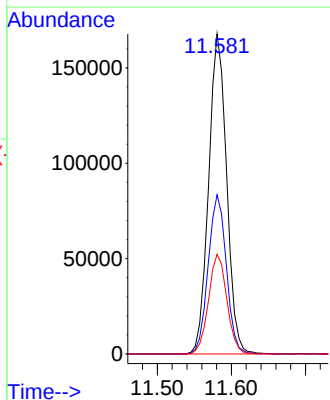
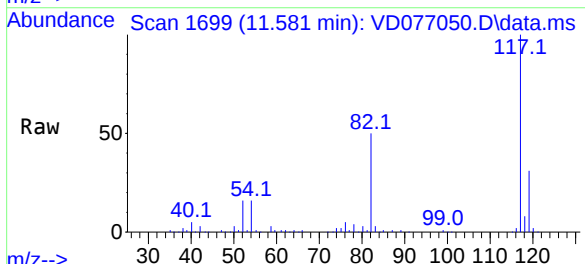
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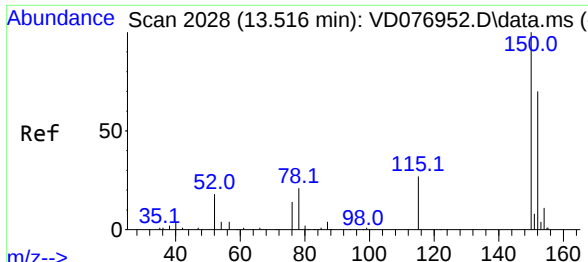
Tgt Ion: 95 Resp: 101061
Ion Ratio Lower Upper
95 100
174 95.6 0.0 201.8
176 92.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

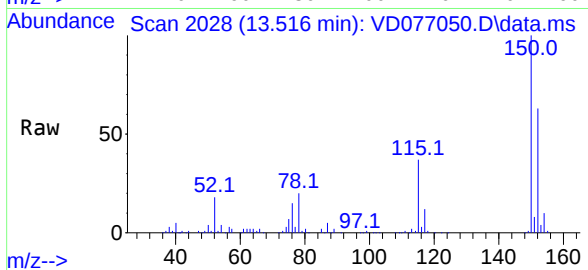
Tgt Ion: 117 Resp: 282759
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 31.2 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077050.D
 Acq: 28 Aug 2023 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 126905
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 159.1 0.0 353.6

