

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078875.D
 Acq On : 07 May 2024 12:53
 Operator : RP/MD
 Sample : P2312-01
 Misc : 8.17G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-125-SB-01

Quant Time: May 08 04:21:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

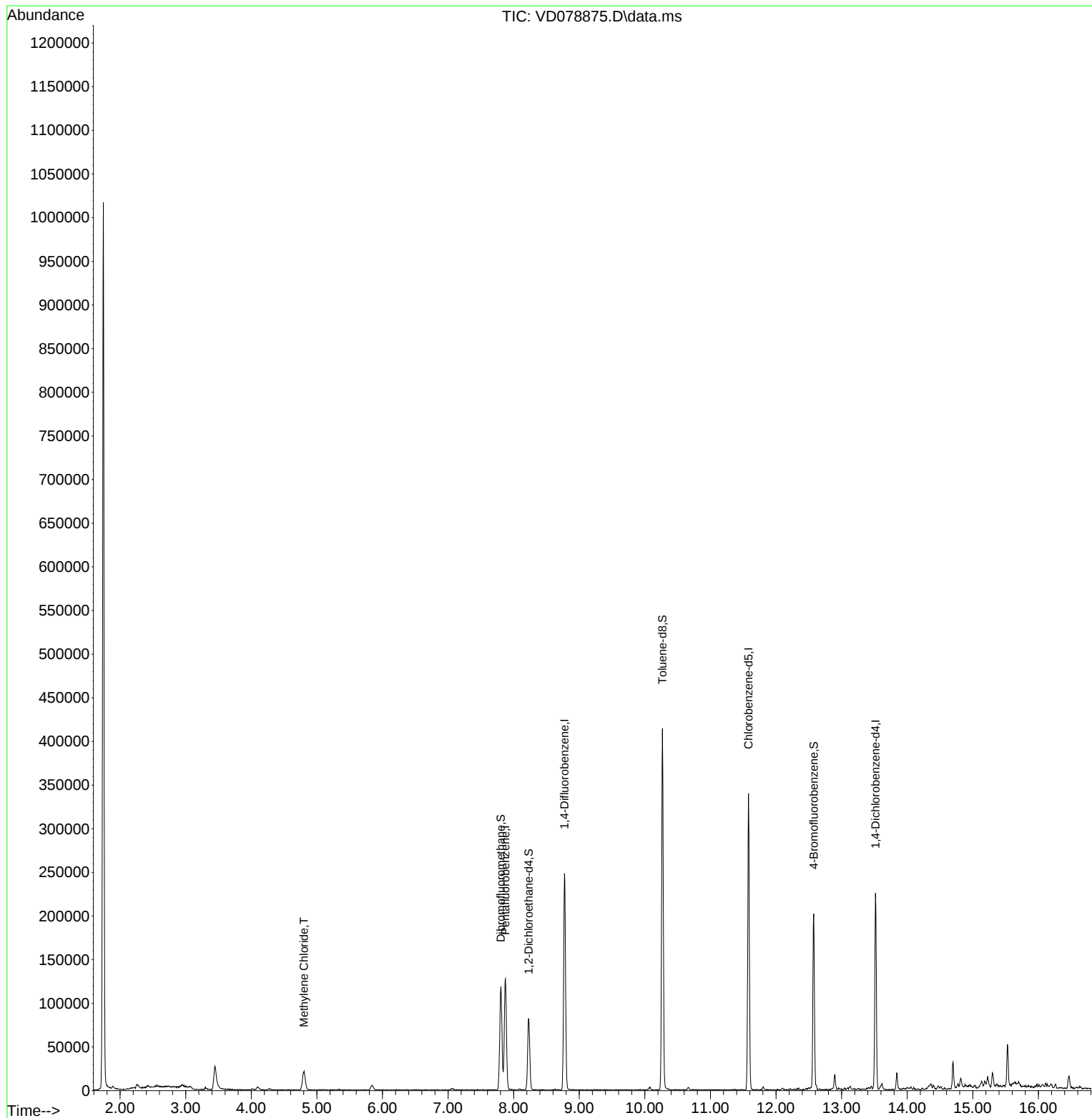
Internal Standards						
1) Pentafluorobenzene	7.875	168	104248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	234455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64818	56.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.040%
35) Dibromofluoromethane	7.804	113	86548	50.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.269	98	291459	44.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.240%
62) 4-Bromofluorobenzene	12.575	95	61886	32.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.460%
Target Compounds						
20) Methylene Chloride	4.805	84	18393	10.661	ug/l	Qvalue 90

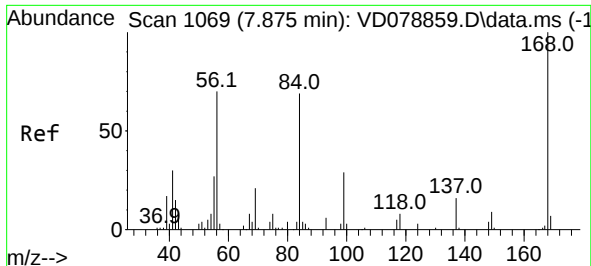
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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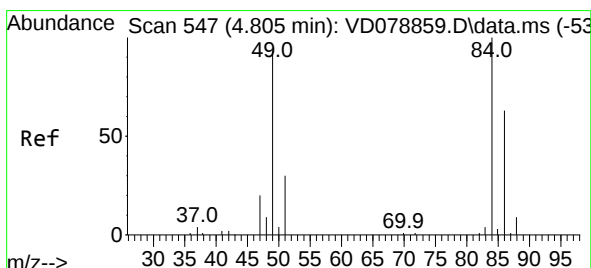
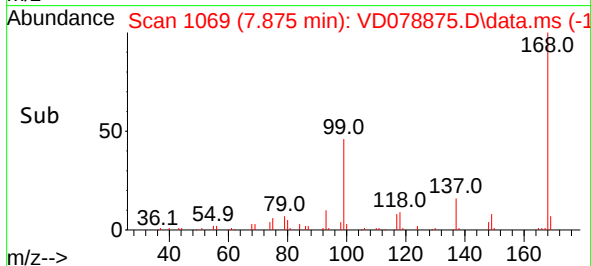
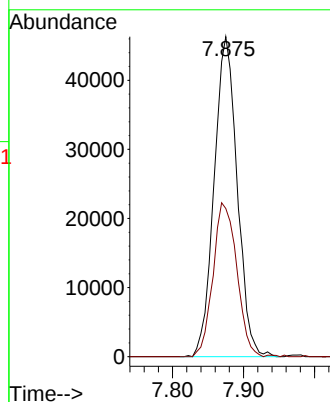
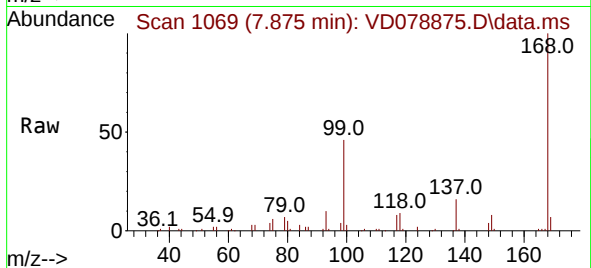




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

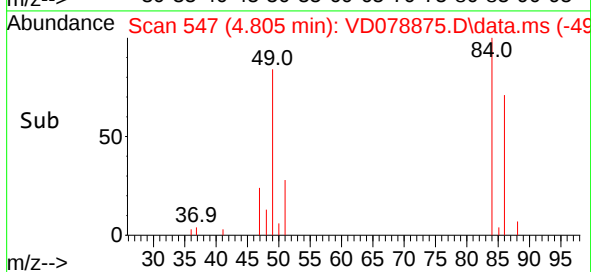
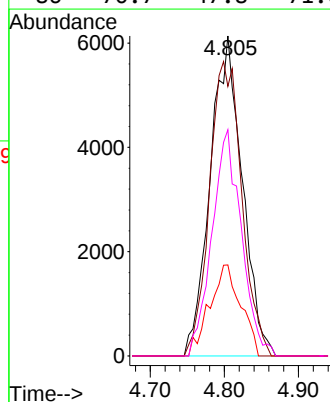
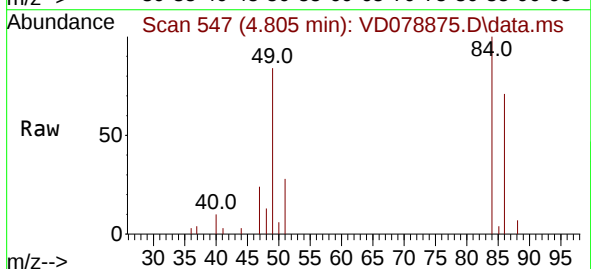
Instrument :
MSVOA_D
ClientSampleId :
B-125-SB-01

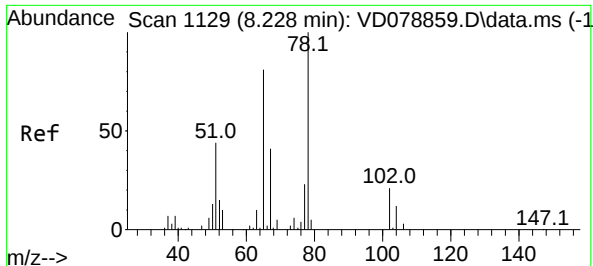
Tgt Ion:168 Resp: 104248
Ion Ratio Lower Upper
168 100
99 46.3 38.8 58.2



#20
Methylene Chloride
Concen: 10.661 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Tgt Ion: 84 Resp: 18393
Ion Ratio Lower Upper
84 100
49 84.3 75.6 113.4
51 28.5 23.4 35.0
86 70.7 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 56.017 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD078875.D

Acq: 07 May 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

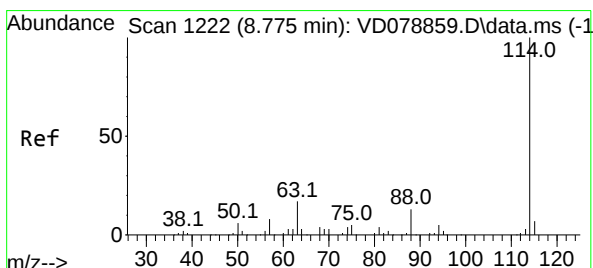
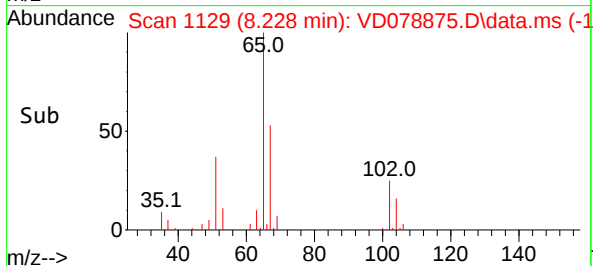
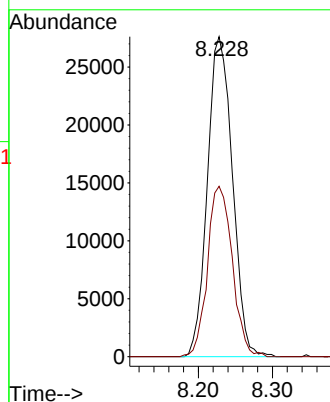
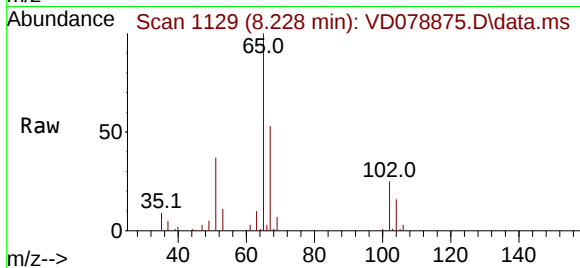
B-125-SB-01

Tgt Ion: 65 Resp: 64818

Ion Ratio Lower Upper

65 100

67 52.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078875.D

Acq: 07 May 2024 12:53

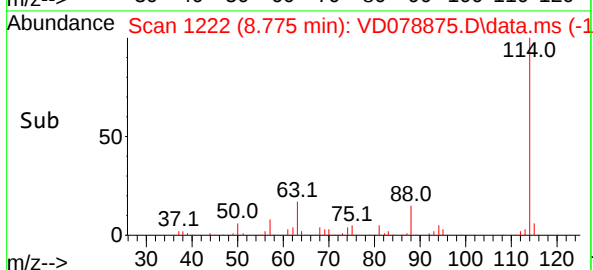
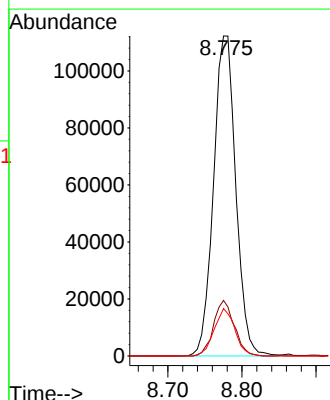
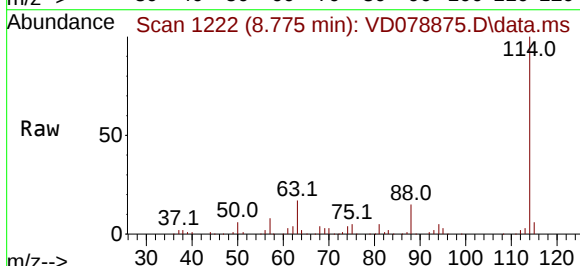
Tgt Ion: 114 Resp: 234455

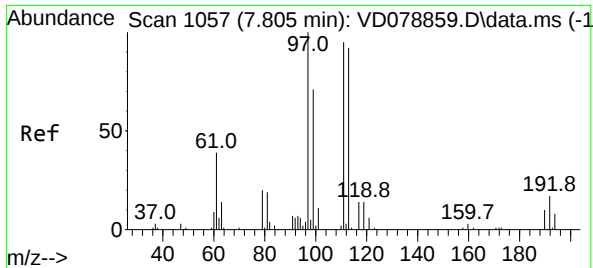
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 14.8 0.0 24.6

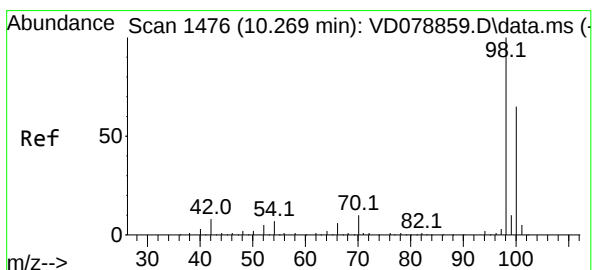
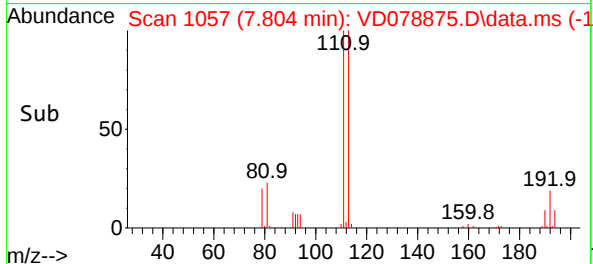
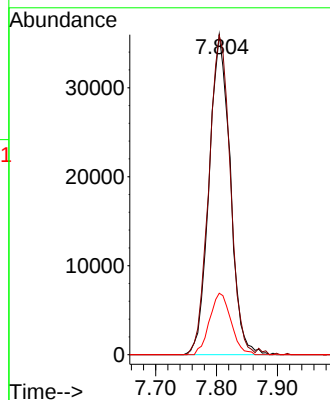
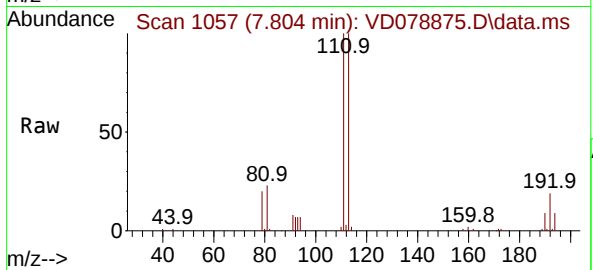




#35
Dibromofluoromethane
Concen: 50.276 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

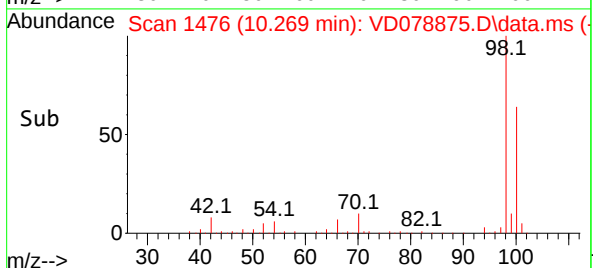
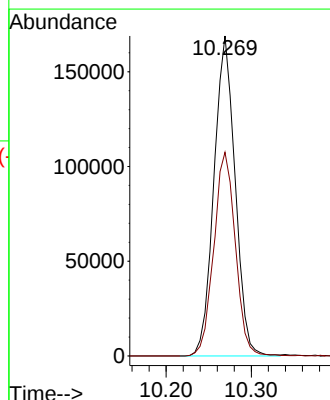
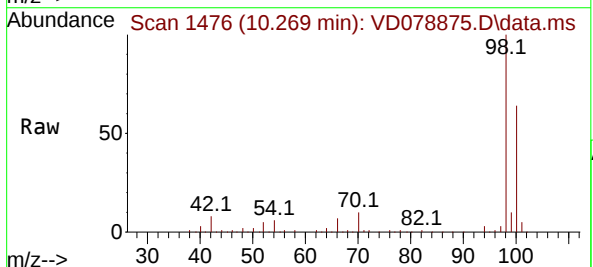
Instrument :
MSVOA_D
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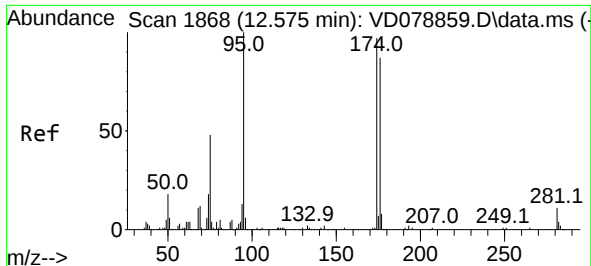
Tgt Ion:113 Resp: 86548
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 19.4 15.4 23.0



#50
Toluene-d8
Concen: 44.118 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

Tgt Ion: 98 Resp: 291459
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

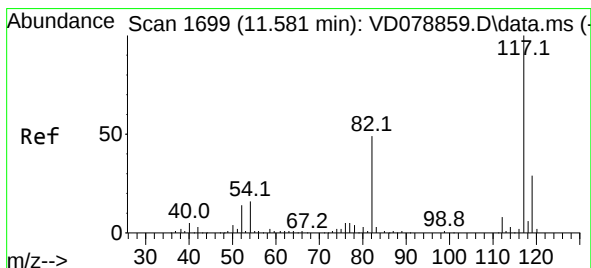
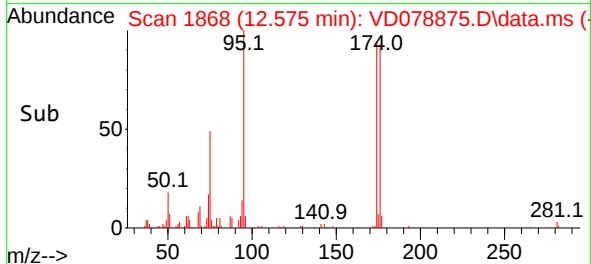
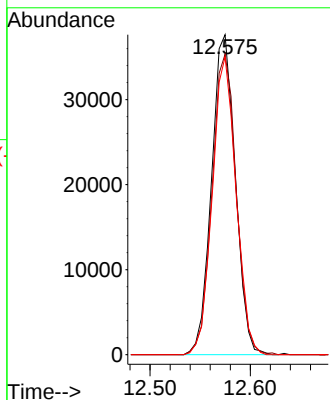
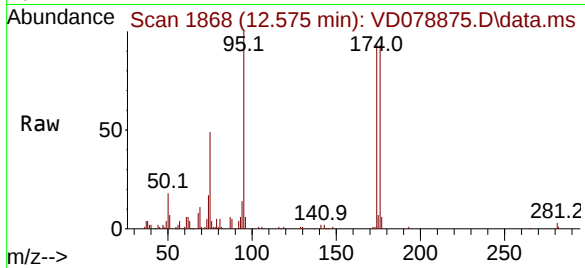




#62
4-Bromofluorobenzene
Concen: 32.732 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

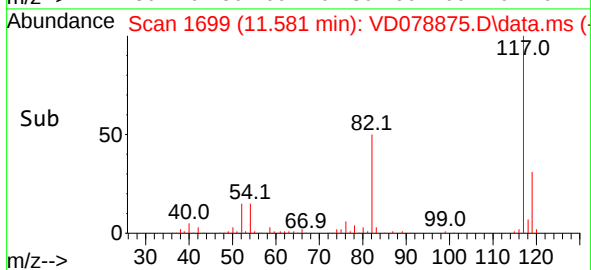
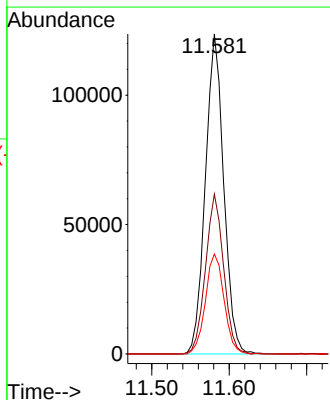
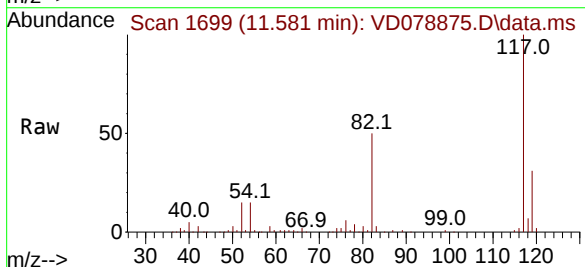
Instrument :
MSVOA_D
ClientSampleId :
B-125-SB-01

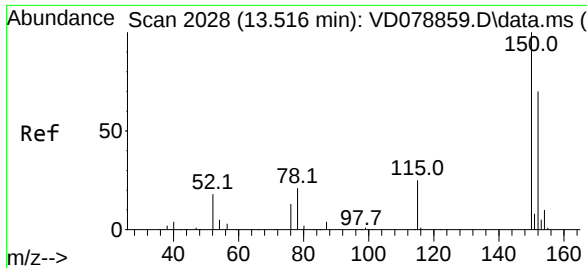
Tgt Ion: 95 Resp: 61886
Ion Ratio Lower Upper
95 100
174 95.7 0.0 195.2
176 92.9 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078875.D
Acq: 07 May 2024 12:53

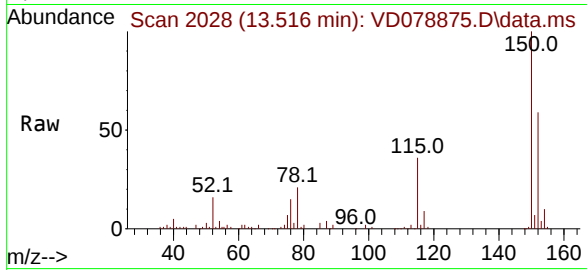
Tgt Ion: 117 Resp: 203135
Ion Ratio Lower Upper
117 100
82 49.9 41.4 62.2
119 31.3 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078875.D
 Acq: 07 May 2024 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 B-125-SB-01



Tgt Ion:152 Resp: 62222
 Ion Ratio Lower Upper
 152 100
 115 56.2 27.1 81.2
 150 162.7 0.0 350.2

