

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078829.D
 Acq On : 16 Apr 2024 17:46
 Operator : RP/MD
 Sample : P2127-06
 Misc : 3.17G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2-BACK

Quant Time: Apr 16 22:35:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

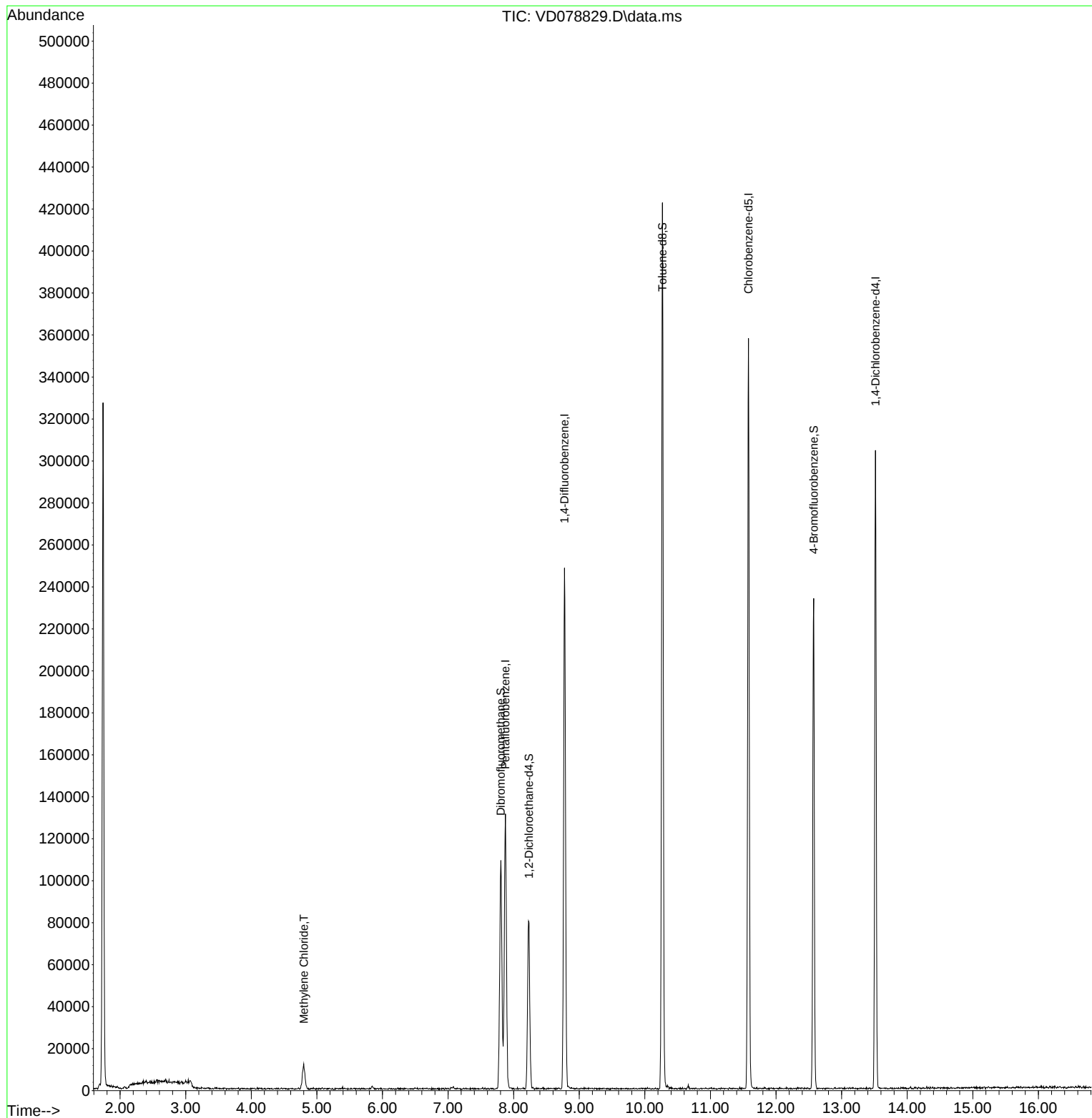
Internal Standards						
1) Pentafluorobenzene	7.875	168	99253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	226474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64284	69.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.220%	
35) Dibromofluoromethane	7.804	113	77870	53.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.269	98	288339	53.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	12.575	95	69962	44.594	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.180%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	8980	2.716	ug/l	90

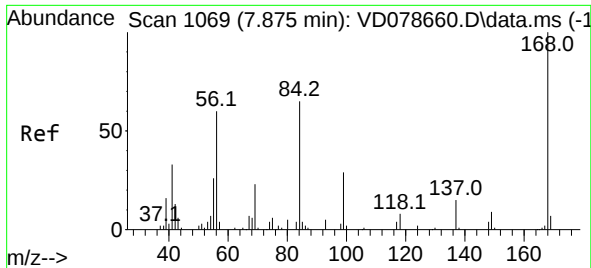
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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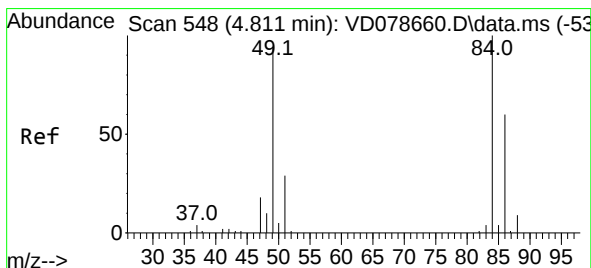
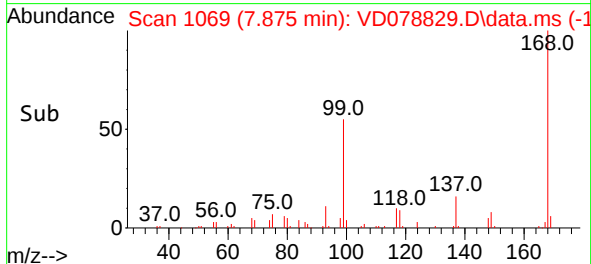
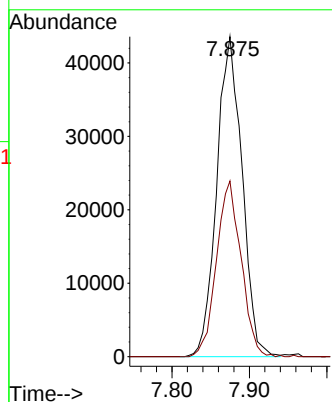
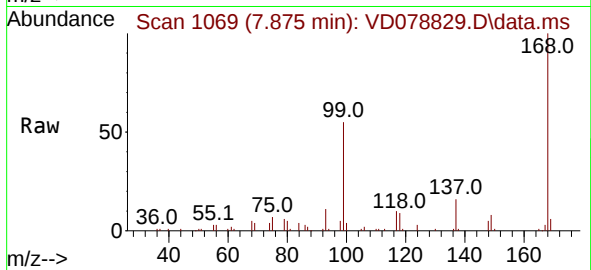




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

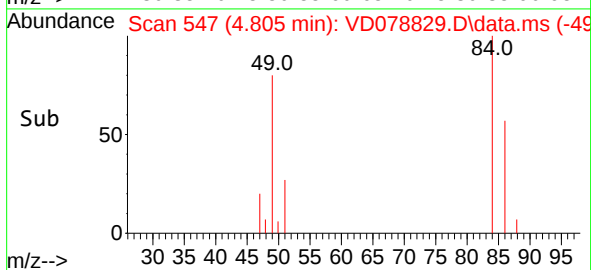
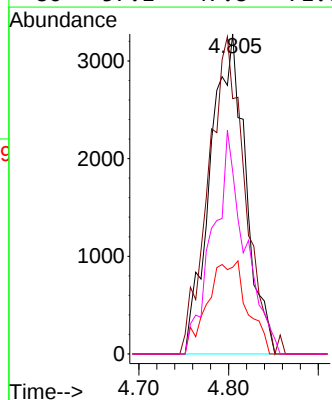
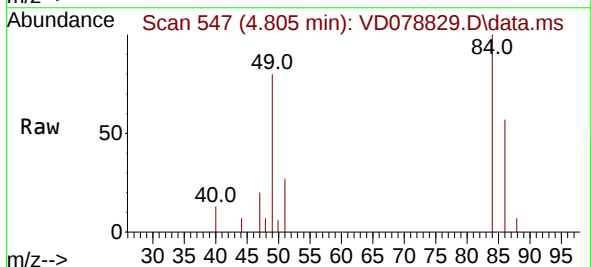
Instrument :
MSVOA_D
ClientSampleId :
SP-2-BACK

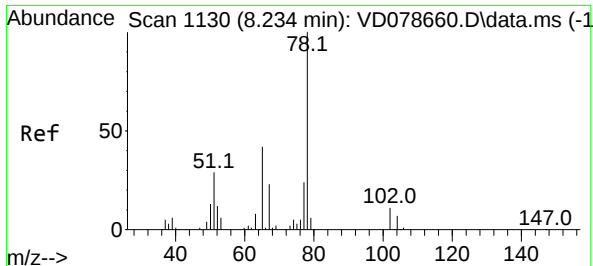
Tgt Ion:168 Resp: 99253
Ion Ratio Lower Upper
168 100
99 54.9 38.8 58.2



#20
Methylene Chloride
Concen: 2.716 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

Tgt Ion: 84 Resp: 8980
Ion Ratio Lower Upper
84 100
49 79.8 75.6 113.4
51 27.1 23.4 35.0
86 57.1 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 69.111 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078829.D

Acq: 16 Apr 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

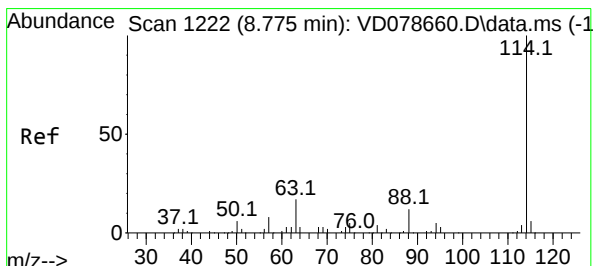
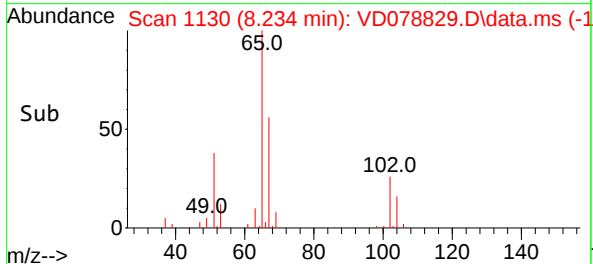
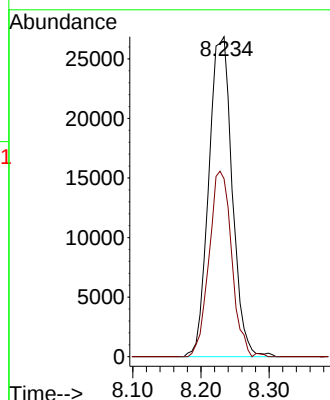
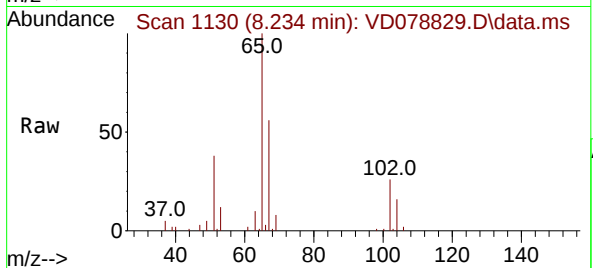
SP-2-BACK

Tgt Ion: 65 Resp: 64284

Ion Ratio Lower Upper

65 100

67 55.9 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: VD078829.D

Acq: 16 Apr 2024 17:46

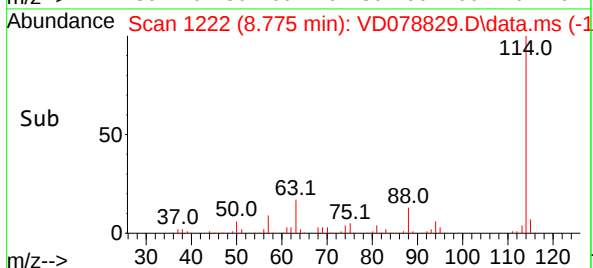
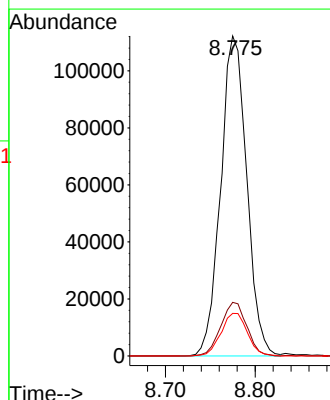
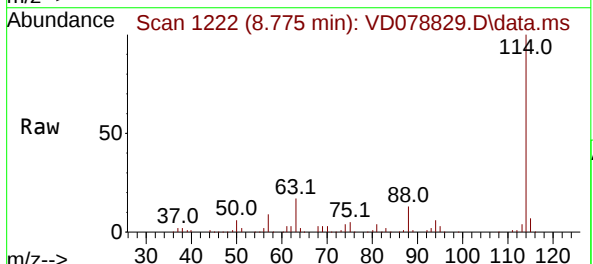
Tgt Ion: 114 Resp: 226474

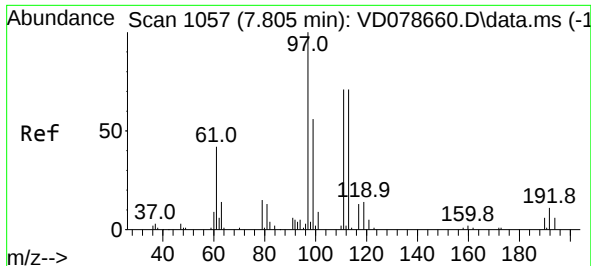
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.3 0.0 24.6





#35

Dibromofluoromethane

Concen: 53.403 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD078829.D

Acq: 16 Apr 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

SP-2-BACK

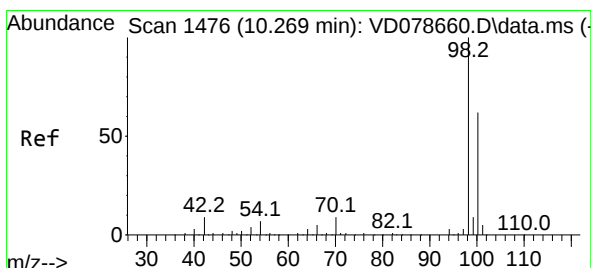
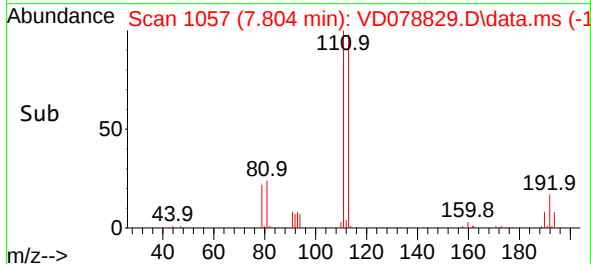
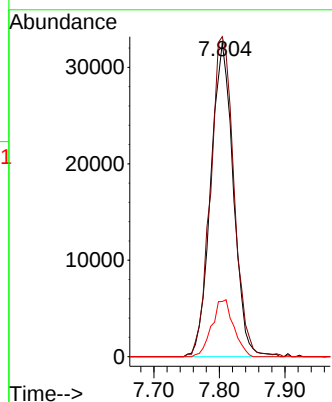
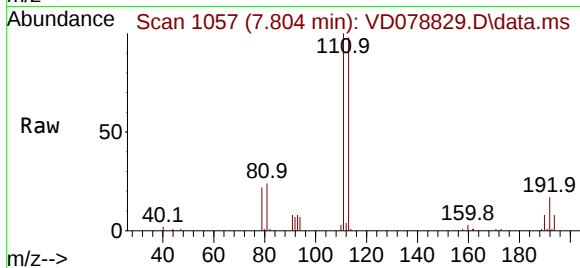
Tgt Ion:113 Resp: 77870

Ion Ratio Lower Upper

113 100

111 105.9 81.9 122.9

192 17.5 15.4 23.0



#50

Toluene-d8

Concen: 53.768 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078829.D

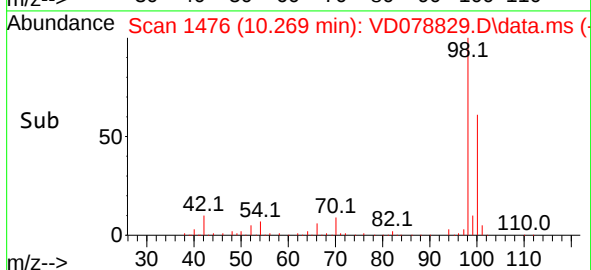
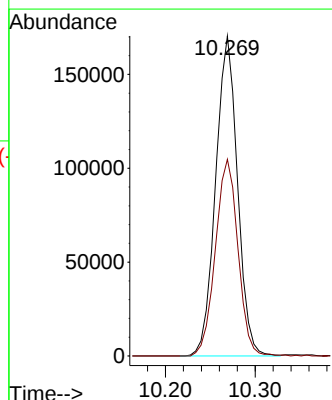
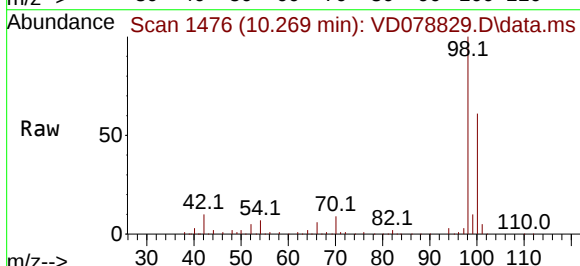
Acq: 16 Apr 2024 17:46

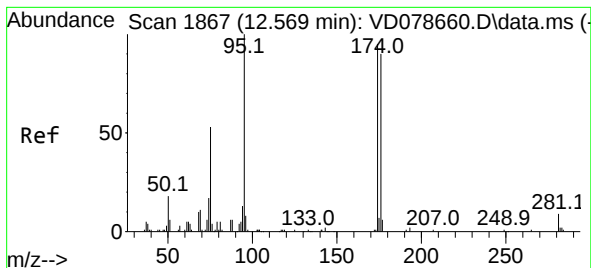
Tgt Ion: 98 Resp: 288339

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7

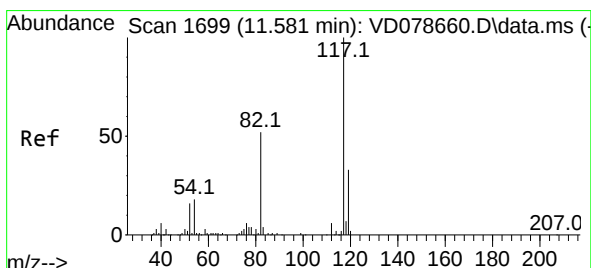
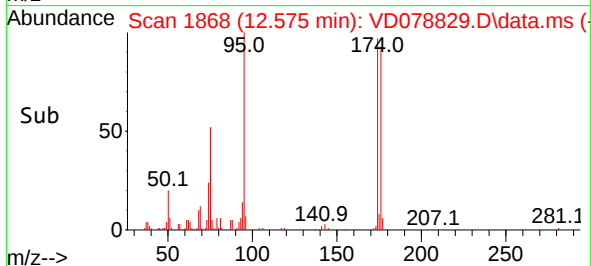
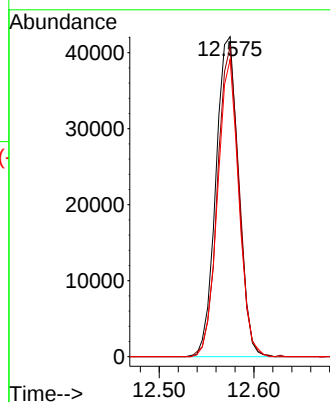
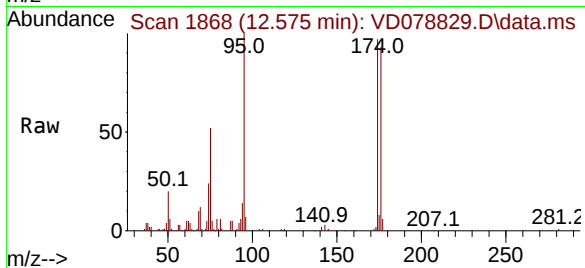




#62
4-Bromofluorobenzene
Concen: 44.594 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

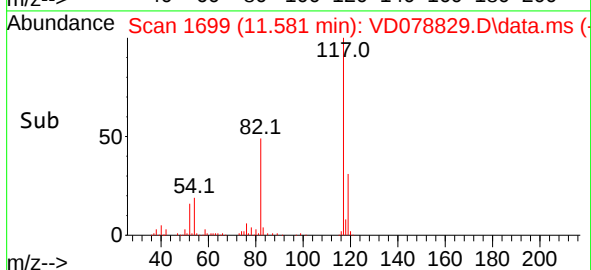
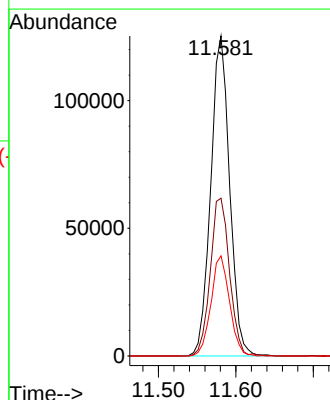
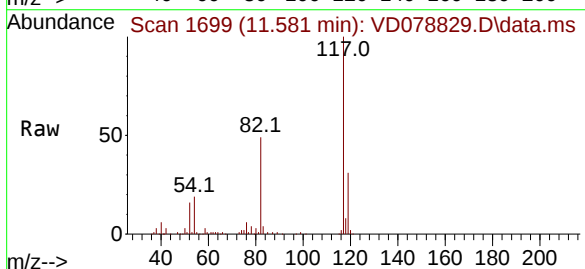
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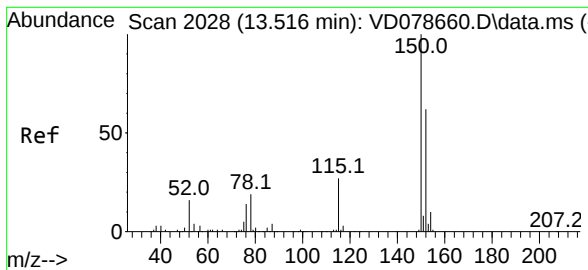
Tgt Ion: 95 Resp: 69962
Ion Ratio Lower Upper
95 100
174 92.1 0.0 195.2
176 87.2 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

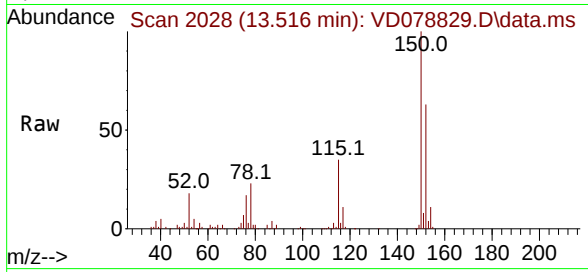
Tgt Ion: 117 Resp: 212932
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 31.3 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078829.D
 Acq: 16 Apr 2024 17:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2-BACK



Tgt Ion:	152	Resp:	79690
Ion Ratio	Lower	Upper	
152	100		
115	57.0	27.1	81.2
150	164.6	0.0	350.2

