

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079351.D
 Acq On : 08 Jul 2024 19:56
 Operator : RP/MD
 Sample : P3159-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-070324

Quant Time: Jul 09 04:58:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

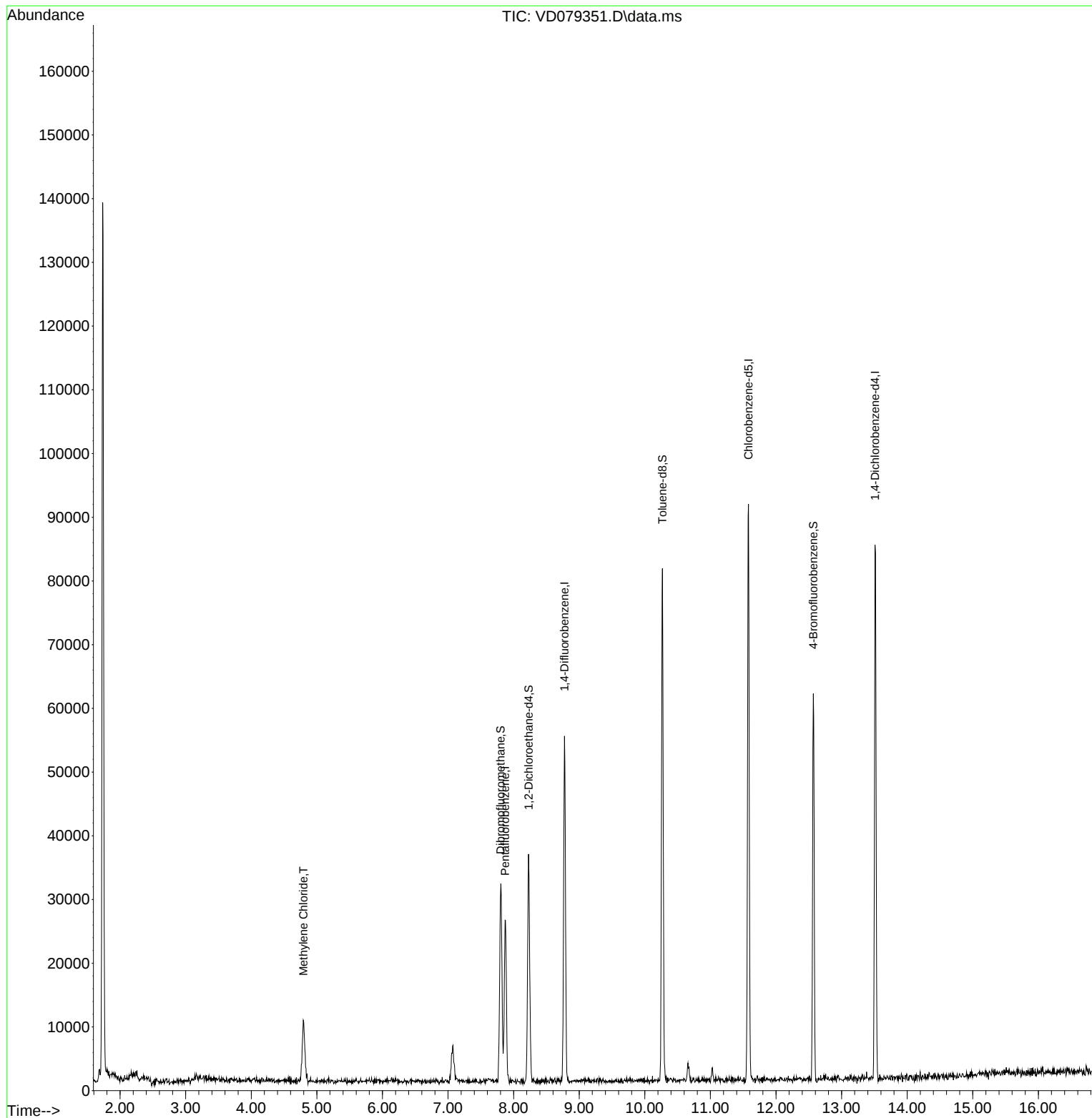
Internal Standards						
1) Pentafluorobenzene	7.869	168	18790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	48855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	57014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	22822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27545	124.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 248.800%#	
35) Dibromofluoromethane	7.799	113	24204	70.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.460%	
50) Toluene-d8	10.269	98	58440	43.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.980%	
62) 4-Bromofluorobenzene	12.569	95	21904	53.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.080%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	7478	16.817	ug/l #	84

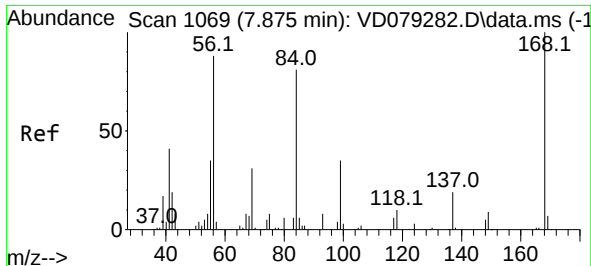
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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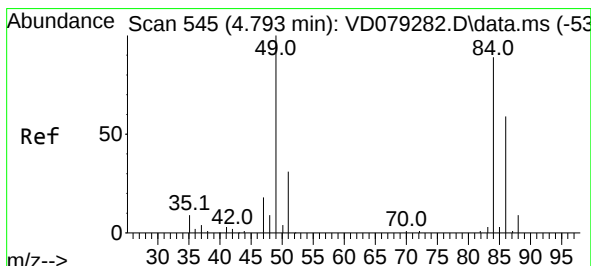
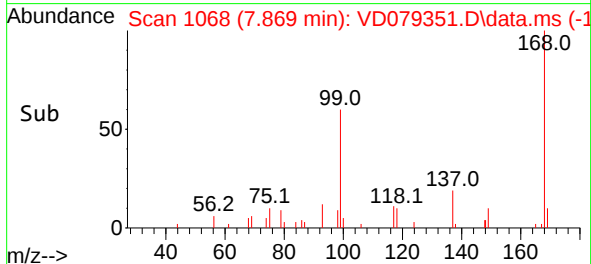
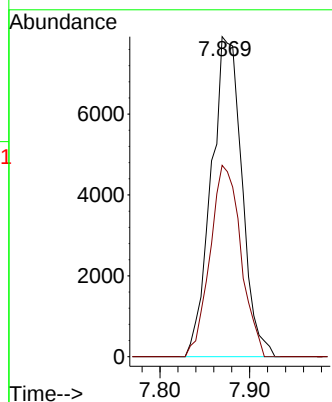
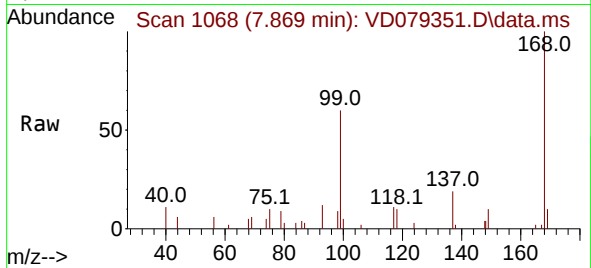




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

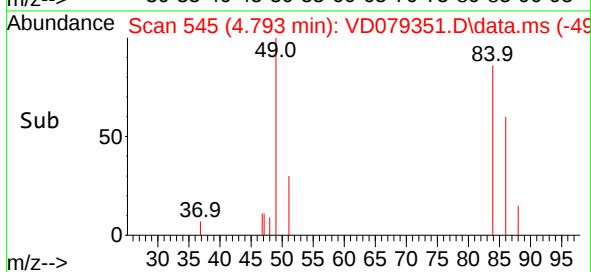
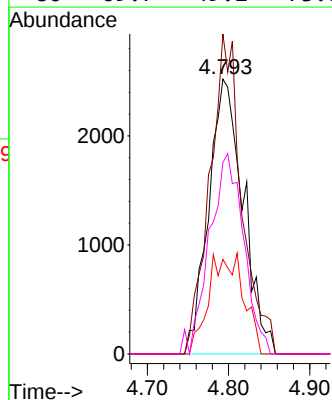
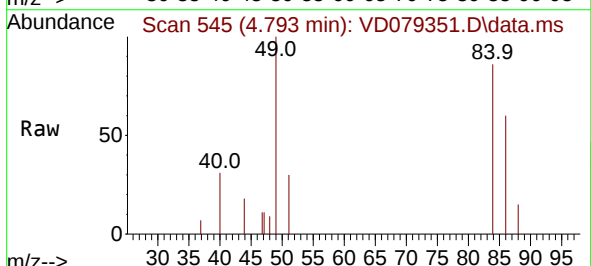
Instrument :
MSVOA_D
ClientSampleId :
SU-04-070324

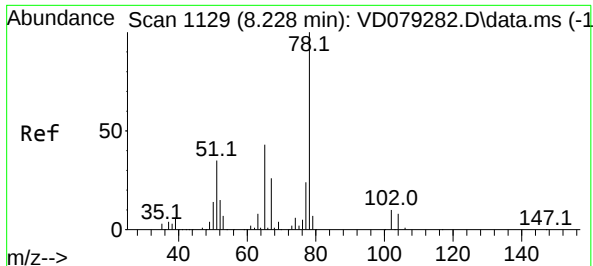
Tgt Ion:168 Resp: 18790
Ion Ratio Lower Upper
168 100
99 59.8 41.1 61.7



#20
Methylene Chloride
Concen: 16.817 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

Tgt Ion: 84 Resp: 7478
Ion Ratio Lower Upper
84 100
49 116.4 75.6 113.4#
51 34.4 24.2 36.2
86 69.7 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 124.397 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

Instrument :

MSVOA_D

ClientSampleId :

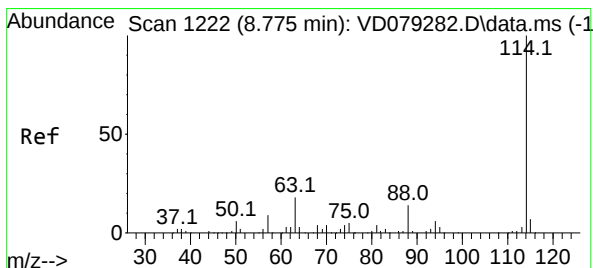
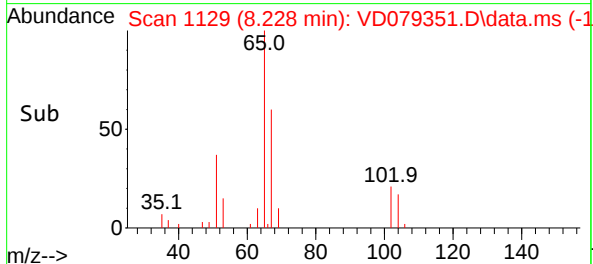
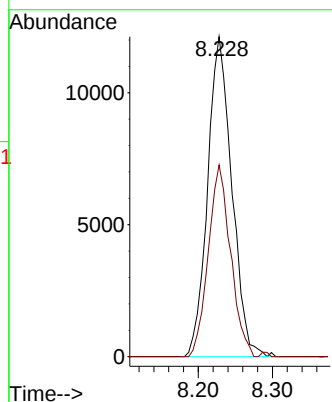
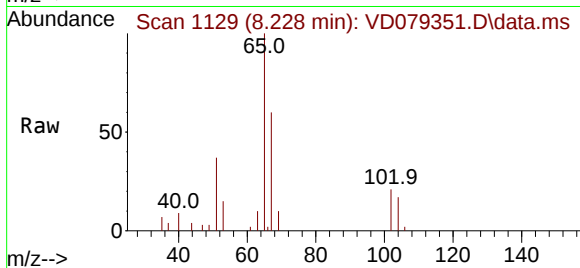
SU-04-070324

Tgt Ion: 65 Resp: 27545

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

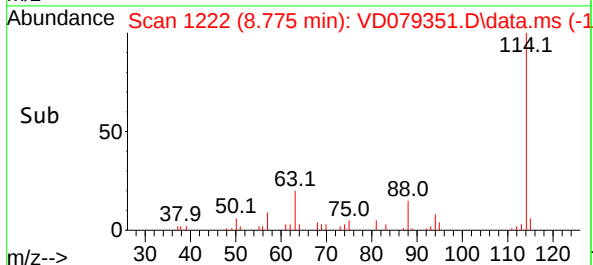
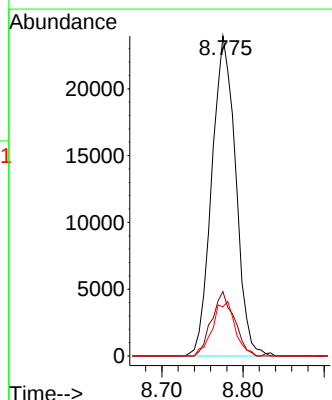
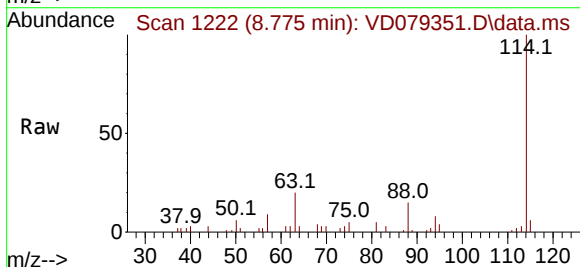
Tgt Ion: 114 Resp: 48855

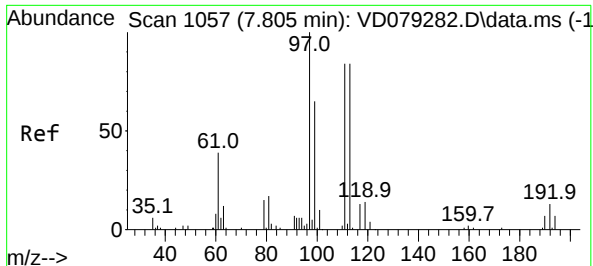
Ion Ratio Lower Upper

114 100

63 20.1 0.0 34.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 70.226 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

Instrument :

MSVOA_D

ClientSampleId :

SU-04-070324

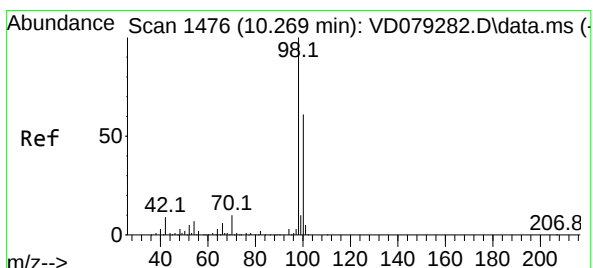
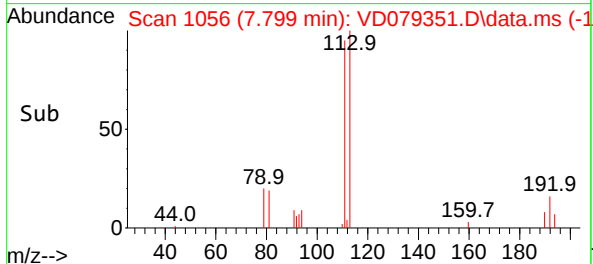
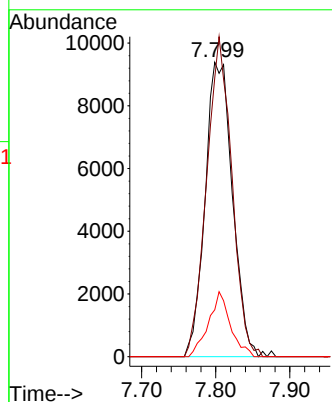
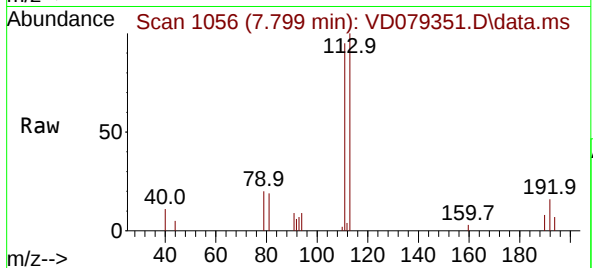
Tgt Ion:113 Resp: 24204

Ion Ratio Lower Upper

113 100

111 99.7 84.0 126.0

192 17.6 15.4 23.0



#50

Toluene-d8

Concen: 43.986 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079351.D

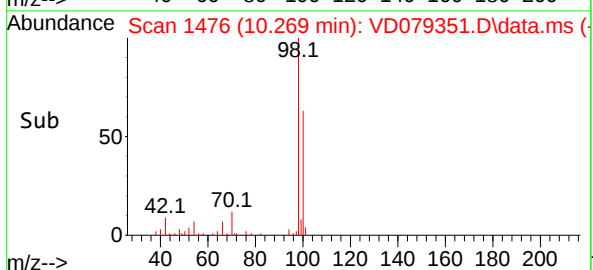
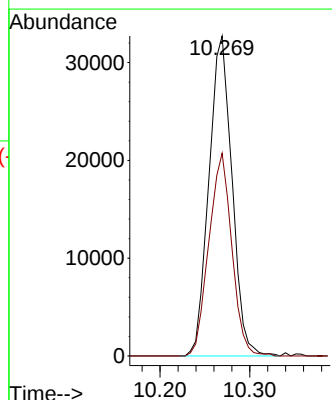
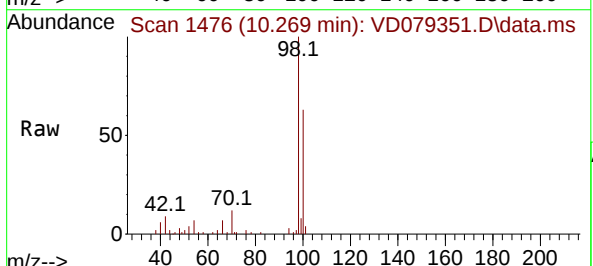
Acq: 08 Jul 2024 19:56

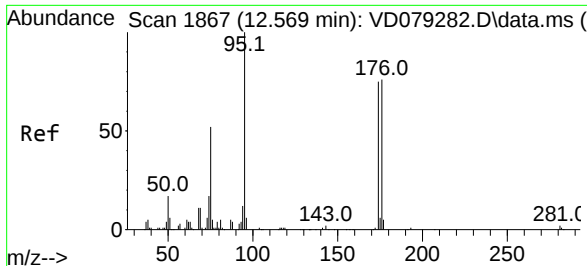
Tgt Ion: 98 Resp: 58440

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

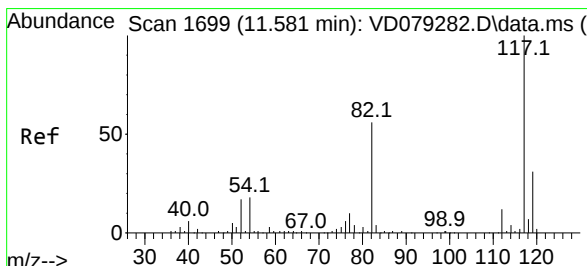
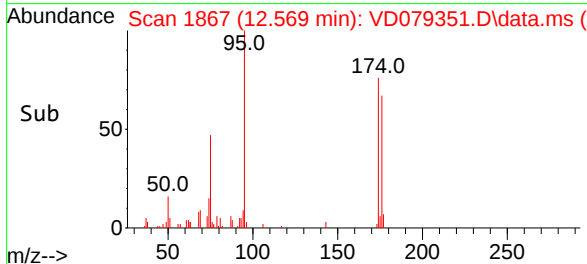
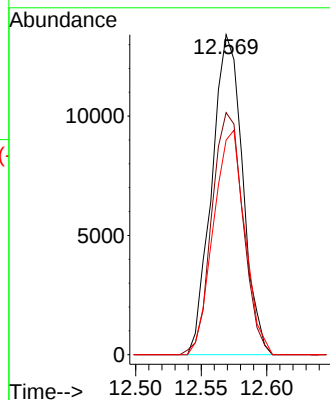
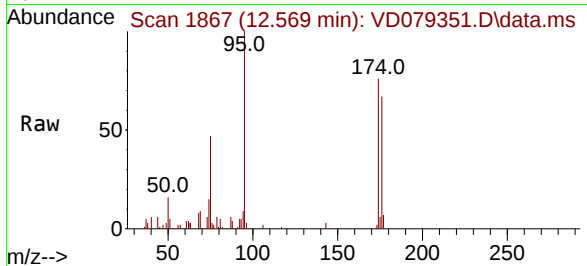




#62
4-Bromofluorobenzene
Concen: 53.043 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

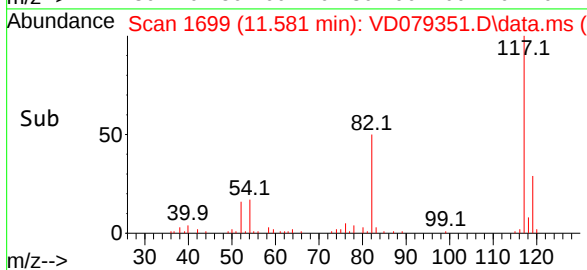
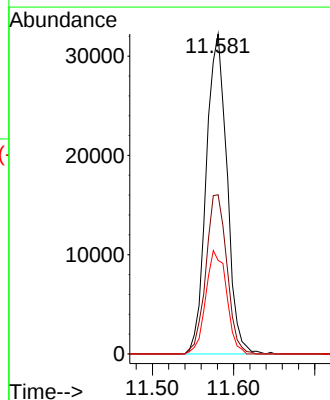
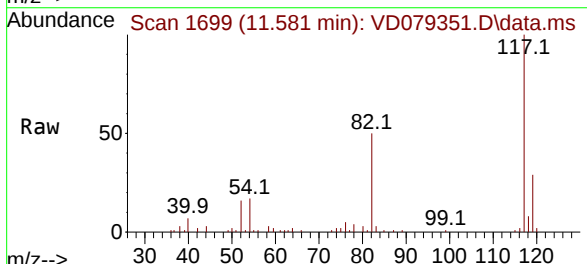
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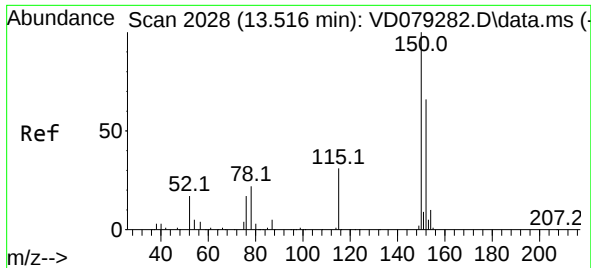
Tgt Ion:	95	Resp:	21904
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	195.4
176	71.6	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

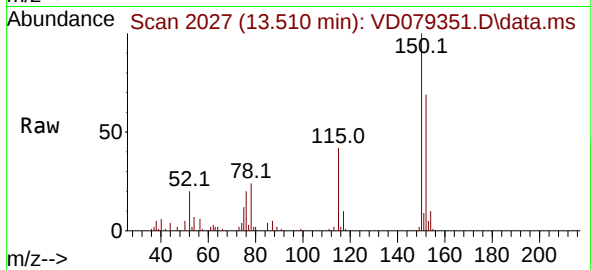
Tgt Ion:	117	Resp:	57014
Ion	Ratio	Lower	Upper
117	100		
82	49.8	39.8	59.6
119	29.2	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD079351.D
 Acq: 08 Jul 2024 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-070324



Tgt Ion:152 Resp: 22822
 Ion Ratio Lower Upper
 152 100
 115 64.0 26.5 79.5
 150 159.1 0.0 341.6

