

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079418.D
 Acq On : 26 Jul 2024 19:59
 Operator : RP/MD
 Sample : P3358-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-07242024

Quant Time: Jul 27 03:38:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	6380	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	13837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	4085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6931	116.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	232.260%#
35) Dibromofluoromethane	7.799	113	7214	86.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	173.460%#
50) Toluene-d8	10.269	98	13327	40.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.660%
62) 4-Bromofluorobenzene	12.569	95	4187	40.693	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.380%

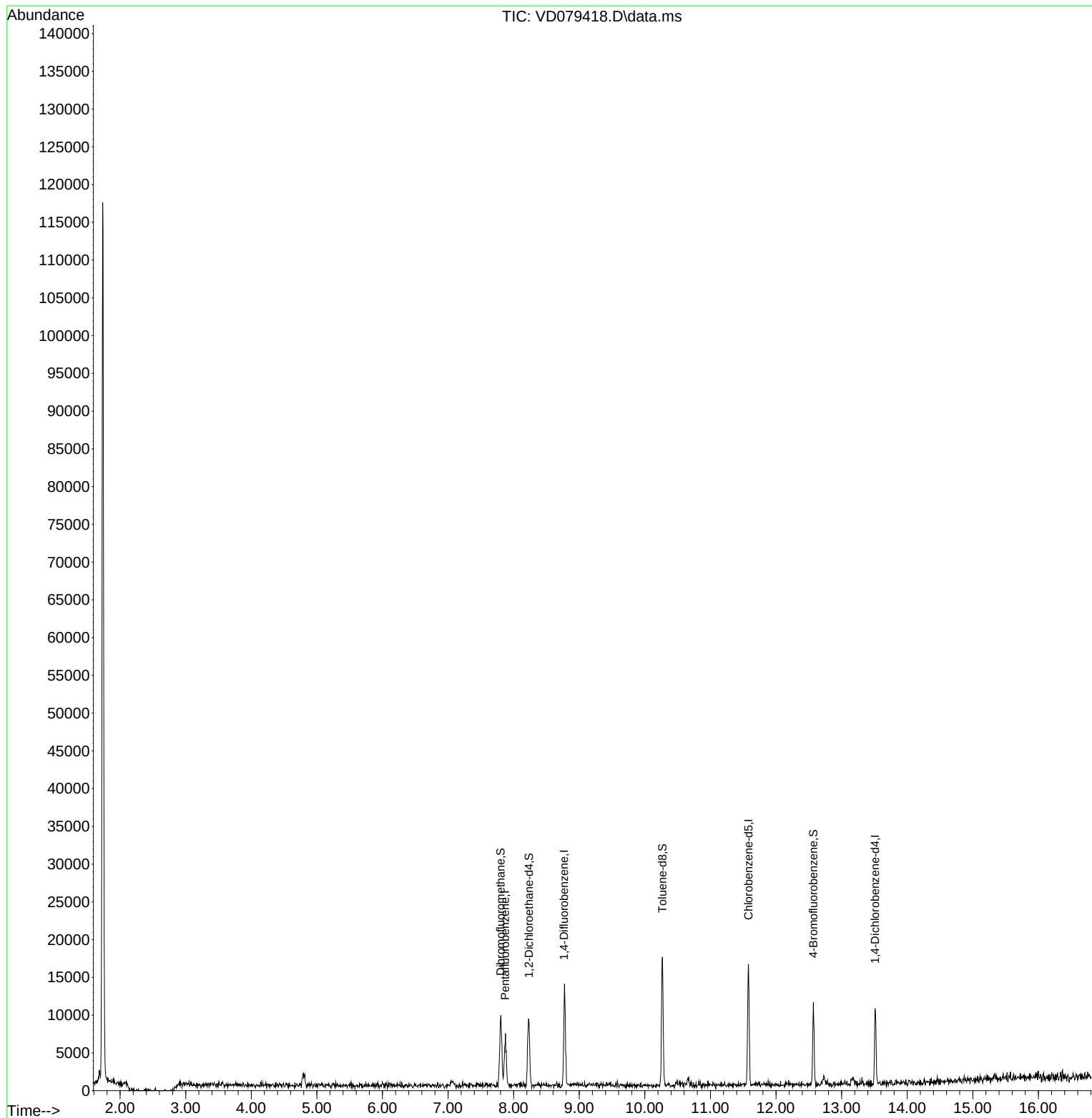
Target Compounds	Qvalue

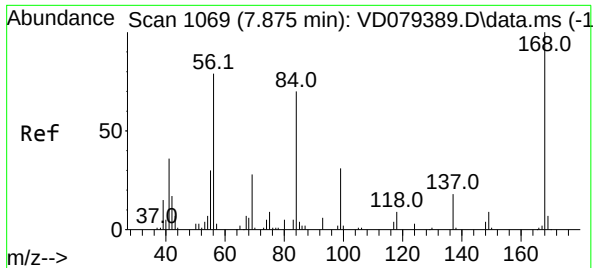
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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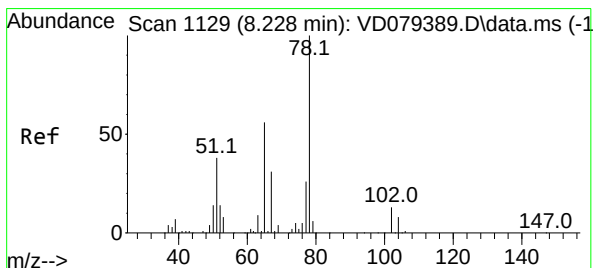
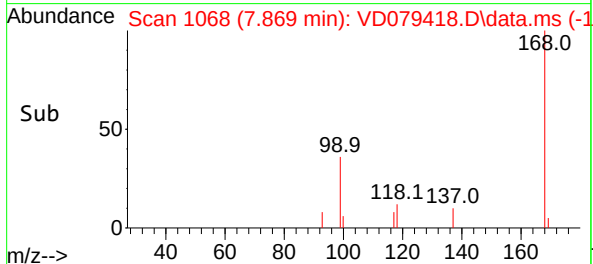
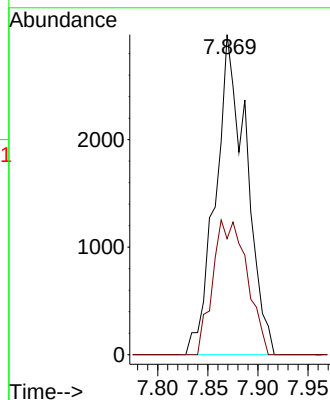
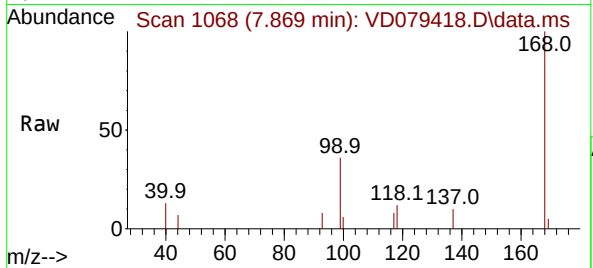




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

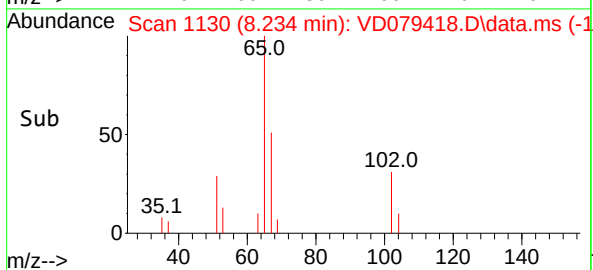
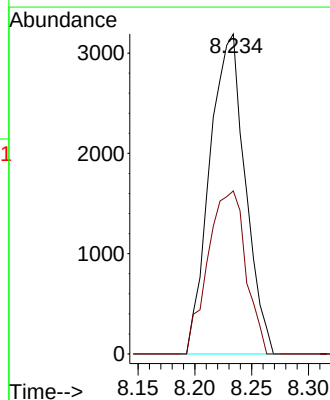
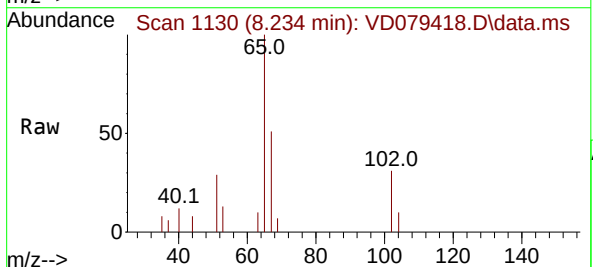
Instrument :
MSVOA_D
ClientSampleId :
OK-02-07242024

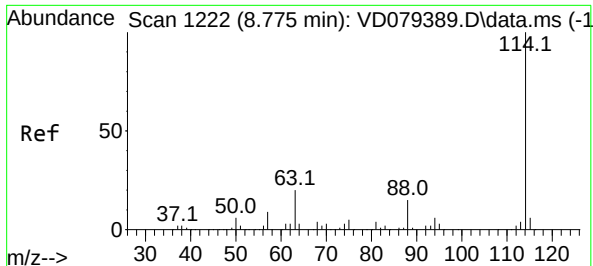
Tgt Ion:168 Resp: 6380
Ion Ratio Lower Upper
168 100
99 36.3 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 116.126 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Tgt Ion: 65 Resp: 6931
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079418.D

Acq: 26 Jul 2024 19:59

Instrument :

MSVOA_D

ClientSampleId :

OK-02-07242024

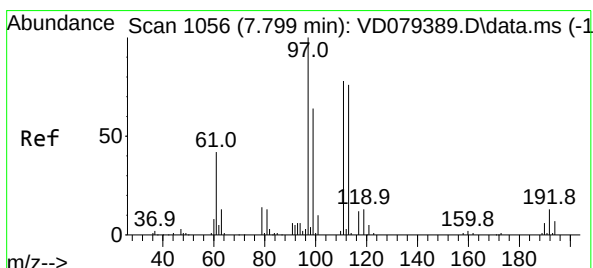
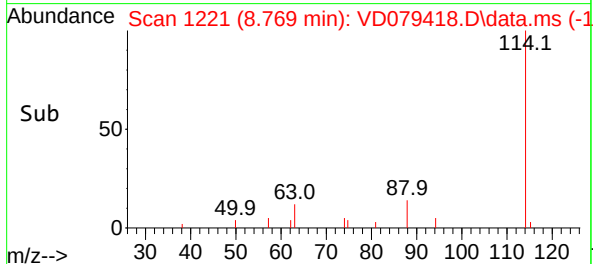
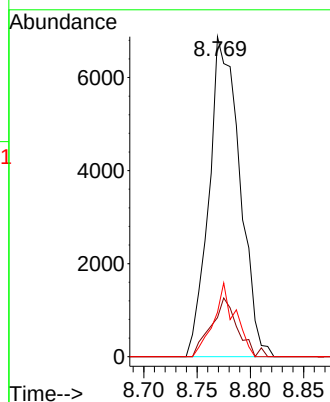
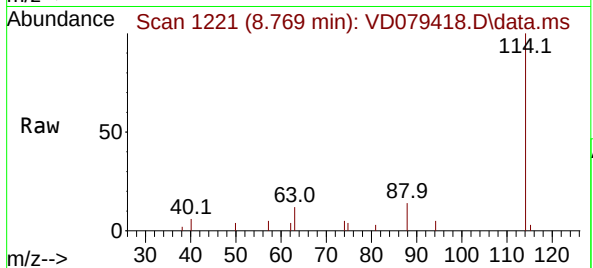
Tgt Ion:114 Resp: 13837

Ion Ratio Lower Upper

114 100

63 12.2 0.0 34.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 86.734 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079418.D

Acq: 26 Jul 2024 19:59

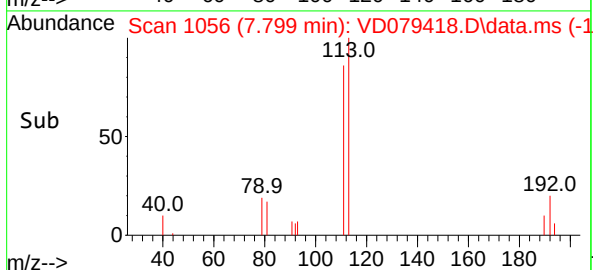
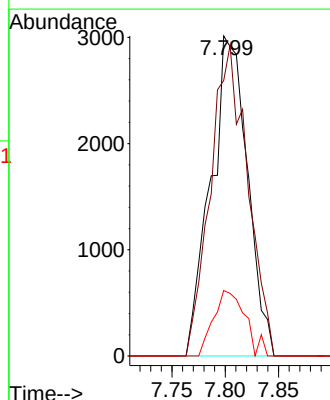
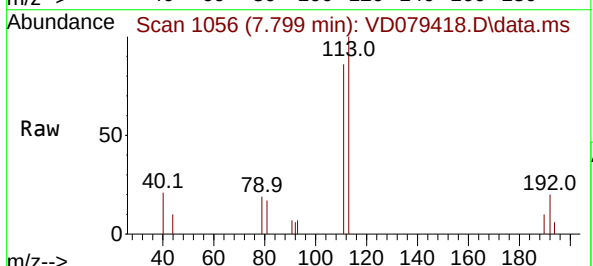
Tgt Ion:113 Resp: 7214

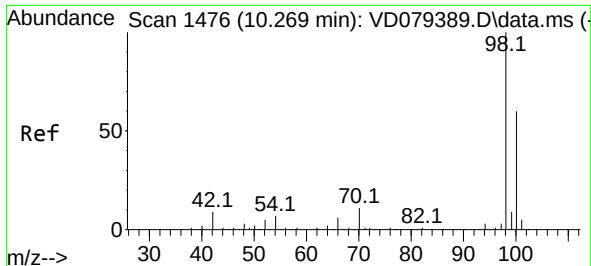
Ion Ratio Lower Upper

113 100

111 98.1 84.0 126.0

192 17.6 15.4 23.0

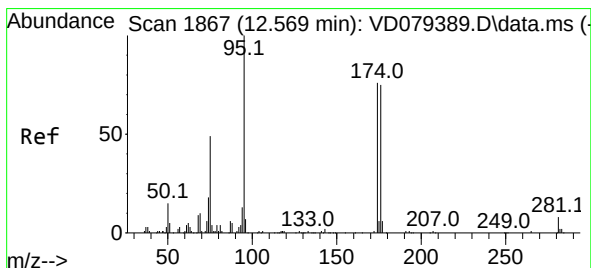
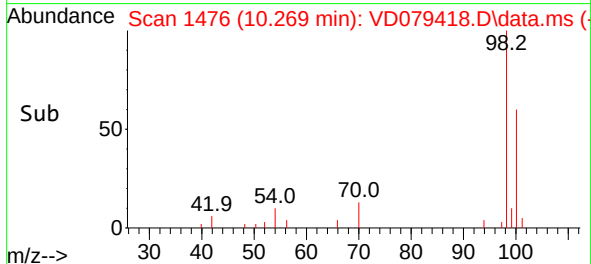
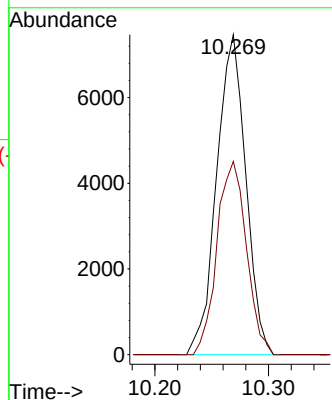
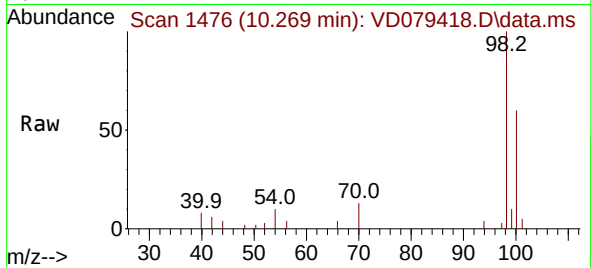




#50
Toluene-d8
Concen: 40.334 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

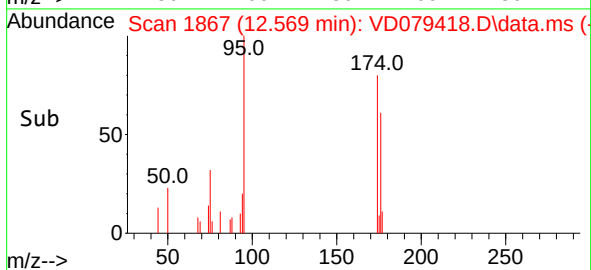
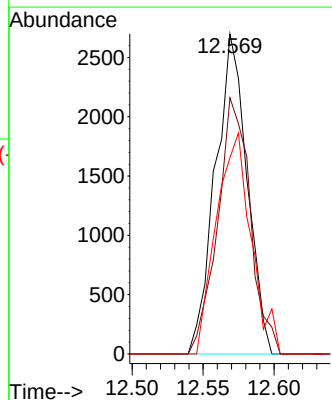
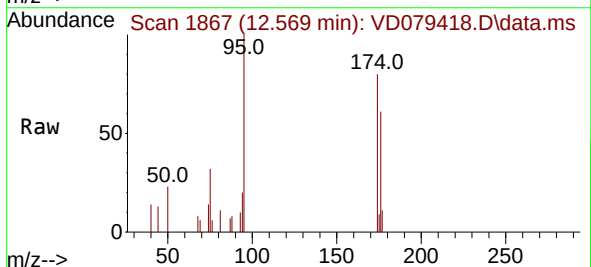
Instrument :
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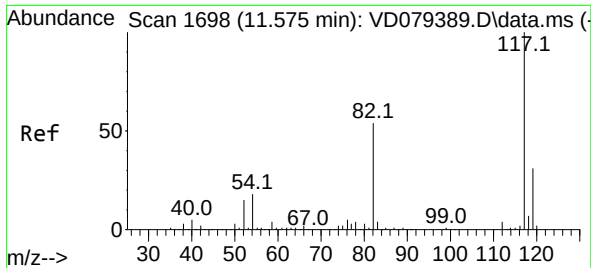
Tgt Ion: 98 Resp: 13327
Ion Ratio Lower Upper
98 100
100 61.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.693 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Tgt Ion: 95 Resp: 4187
Ion Ratio Lower Upper
95 100
174 82.2 0.0 195.4
176 75.6 0.0 192.6

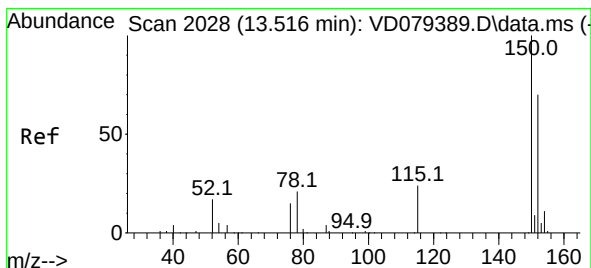
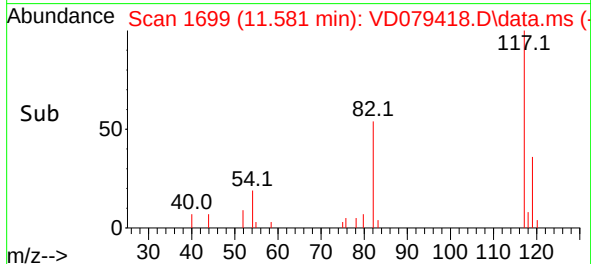
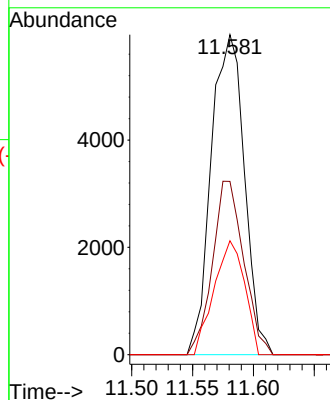
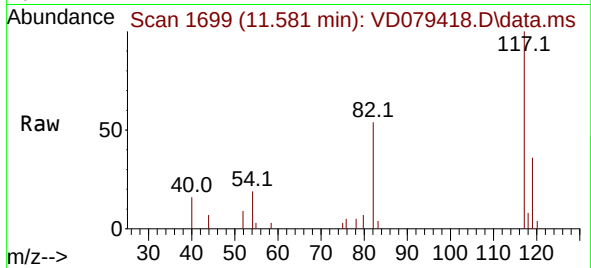




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :
OK-02-07242024

Tgt Ion:117 Resp: 11293
Ion Ratio Lower Upper
117 100
82 54.2 39.8 59.6
119 35.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Tgt Ion:152 Resp: 4085
Ion Ratio Lower Upper
152 100
115 43.0 26.5 79.5
150 129.1 0.0 341.6

