

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079552.D
 Acq On : 02 Aug 2024 19:49
 Operator : RP/MD
 Sample : P3403-03
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR251686

Quant Time: Aug 02 19:44:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	182642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	328126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107471	57.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.840%
35) Dibromofluoromethane	7.804	113	116737	52.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.120%
50) Toluene-d8	10.269	98	410254	47.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.575	95	108319	43.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.800%

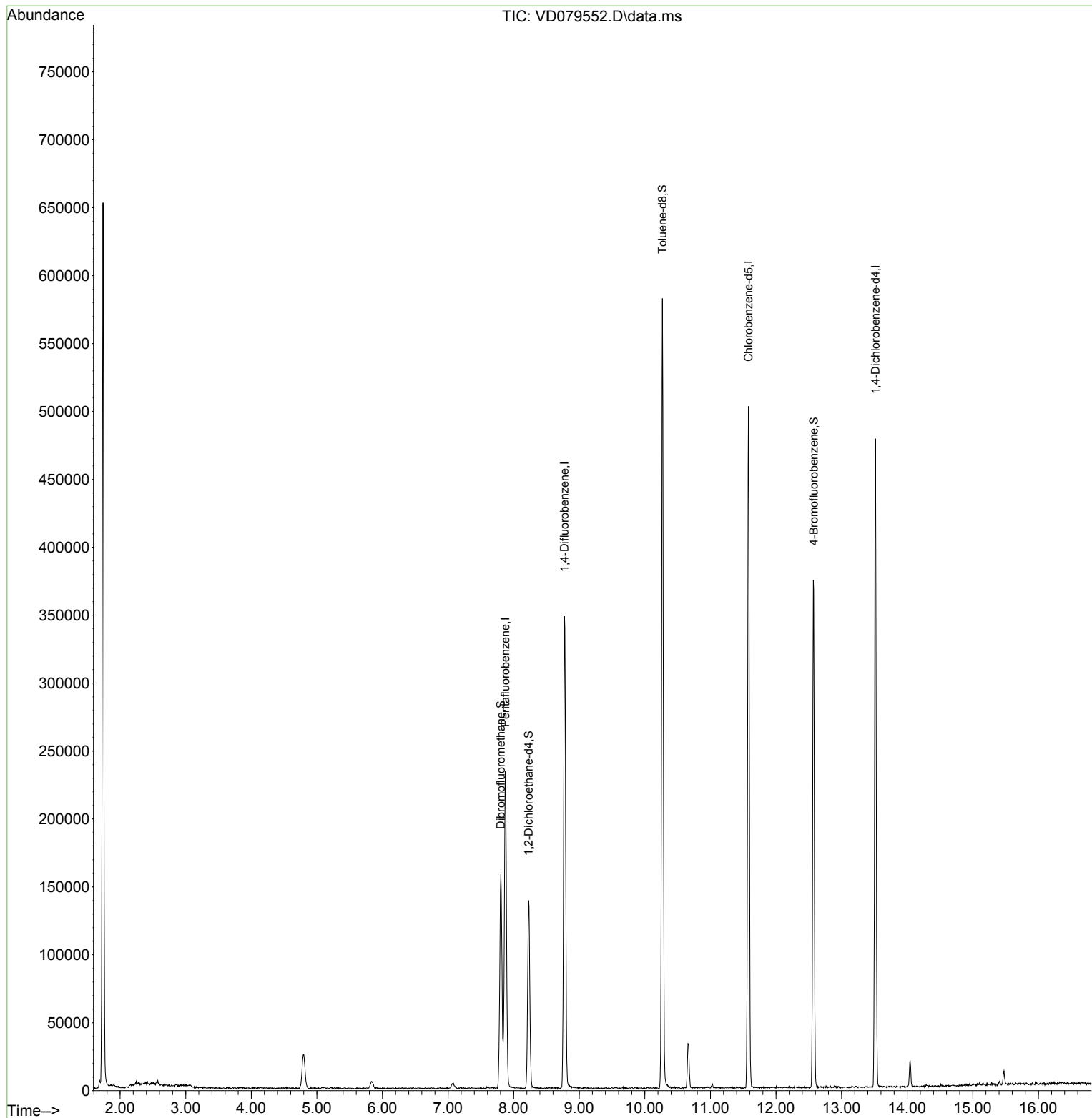
Target Compounds	Qvalue

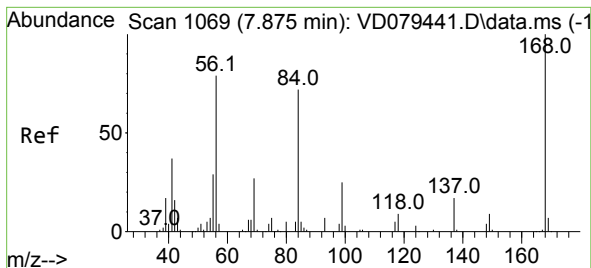
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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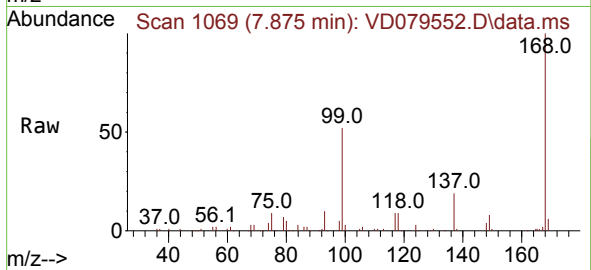
Quant Time: Aug 02 19:44:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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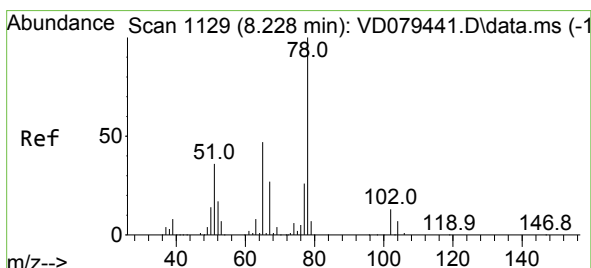
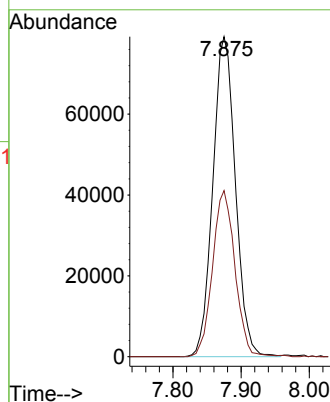
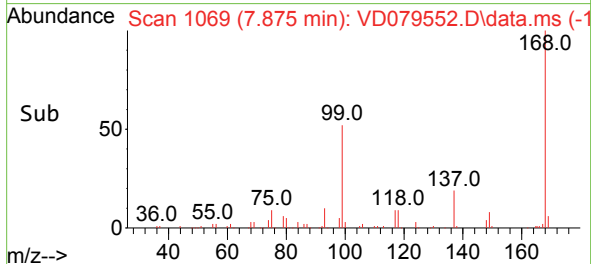


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079552.D
Acq: 02 Aug 2024 19:49

Instrument :
MSVOA_D
ClientSampleId :
RBR251686

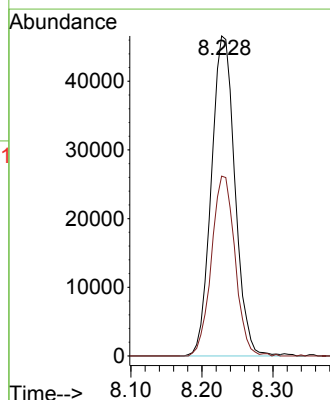
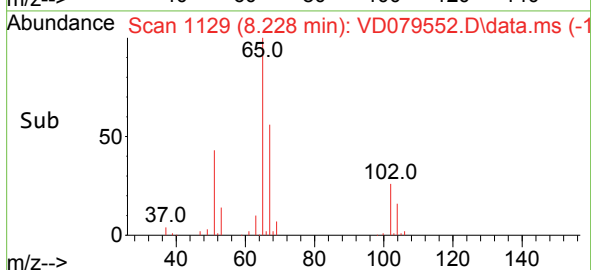
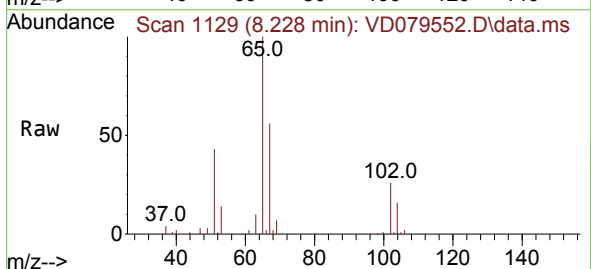


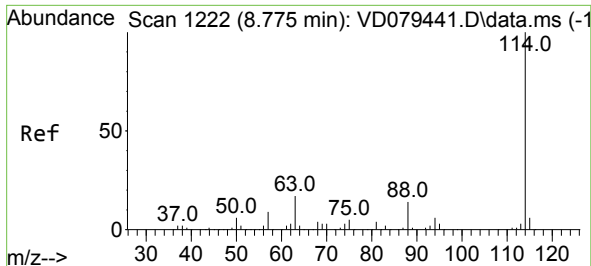
Tgt Ion:168 Resp: 182642
Ion Ratio Lower Upper
168 100
99 51.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 57.921 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079552.D
Acq: 02 Aug 2024 19:49

Tgt Ion: 65 Resp: 107471
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079552.D

Acq: 02 Aug 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

RBR251686

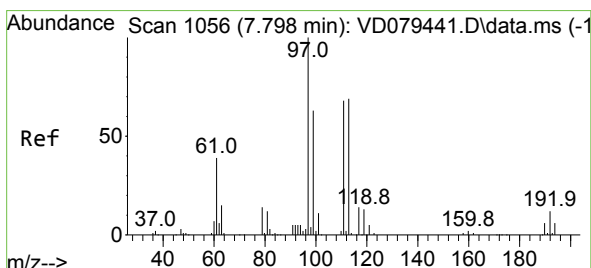
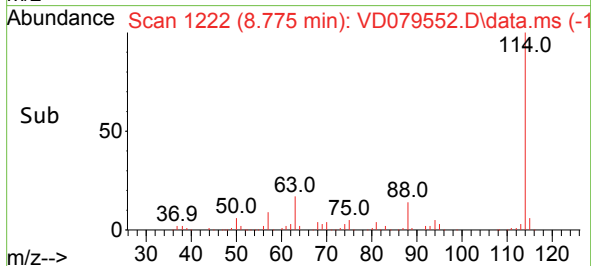
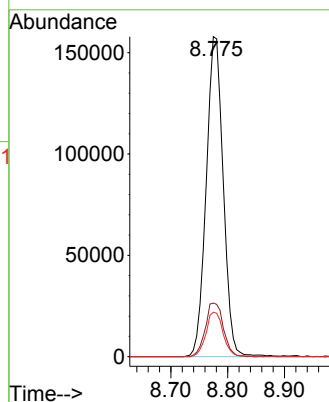
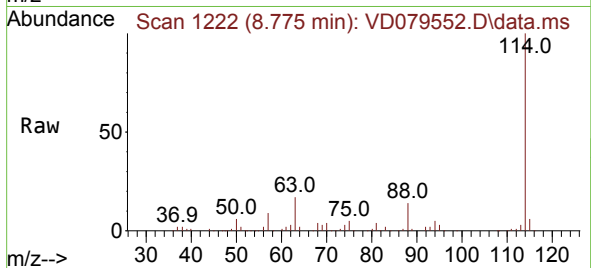
Tgt Ion:114 Resp: 328126

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.563 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079552.D

Acq: 02 Aug 2024 19:49

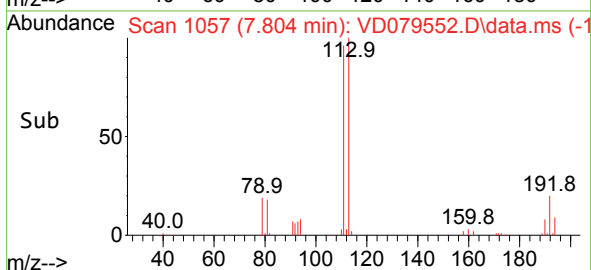
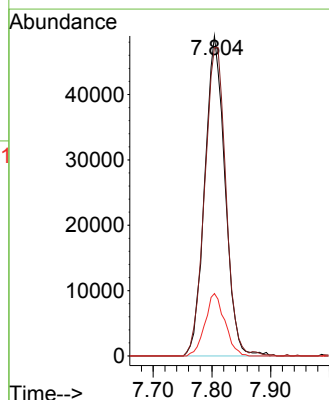
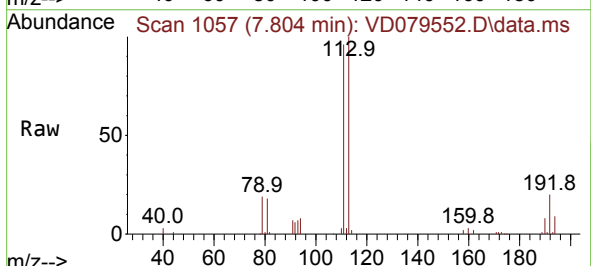
Tgt Ion:113 Resp: 116737

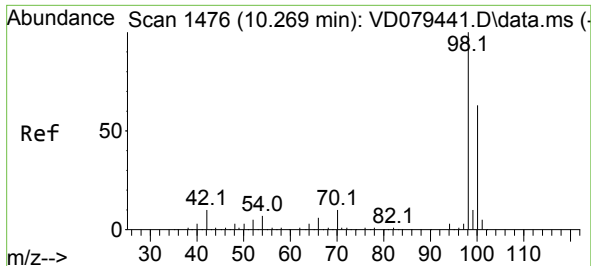
Ion Ratio Lower Upper

113 100

111 101.5 84.0 126.0

192 19.1 15.4 23.0

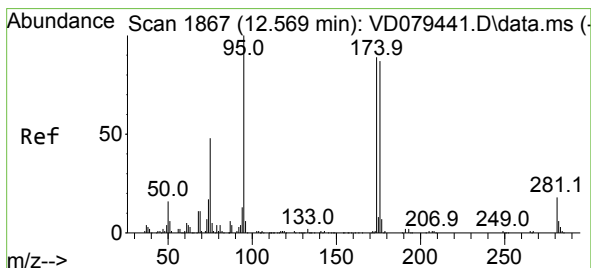
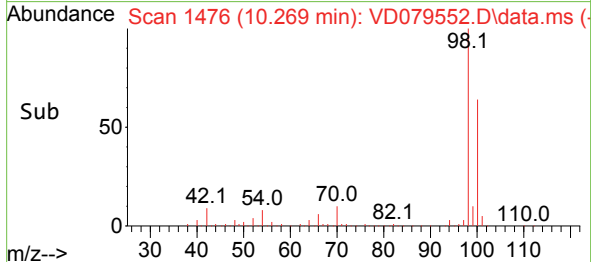
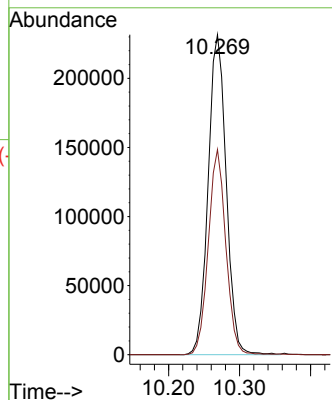
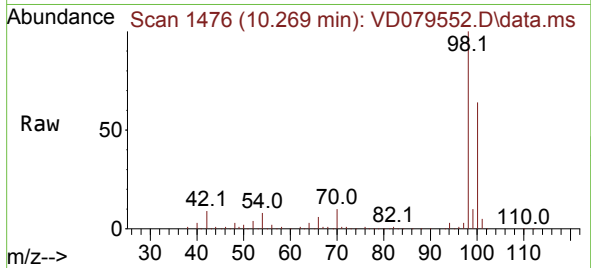




#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079552.D
Acq: 02 Aug 2024 19:49

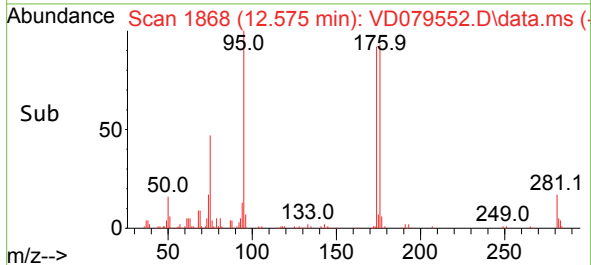
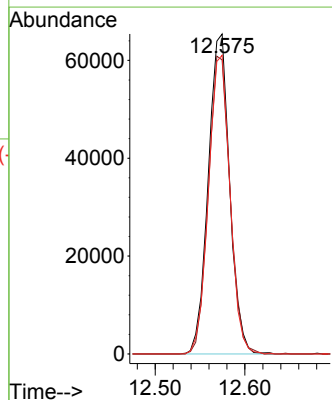
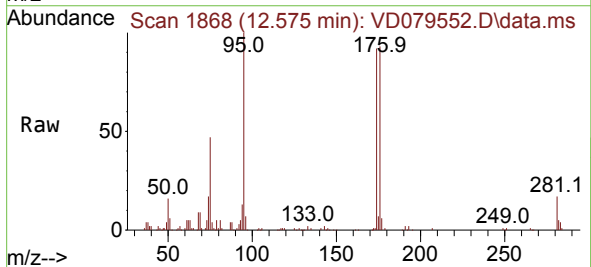
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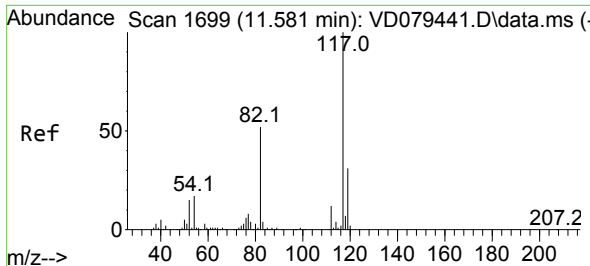
Tgt Ion: 98 Resp: 410254
Ion Ratio Lower Upper
98 100
100 62.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.401 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079552.D
Acq: 02 Aug 2024 19:49

Tgt Ion: 95 Resp: 108319
Ion Ratio Lower Upper
95 100
174 93.9 0.0 195.4
176 93.2 0.0 192.6

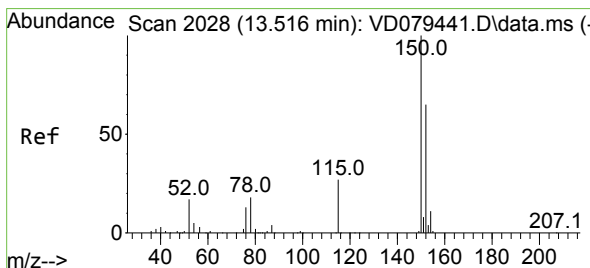
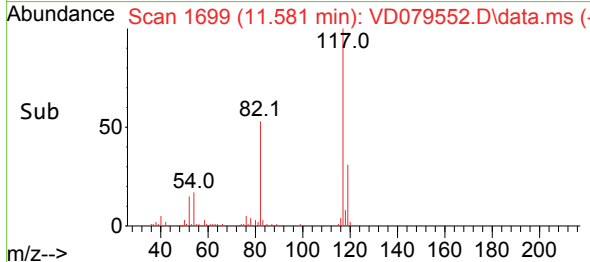
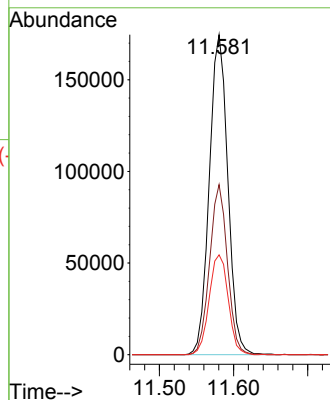
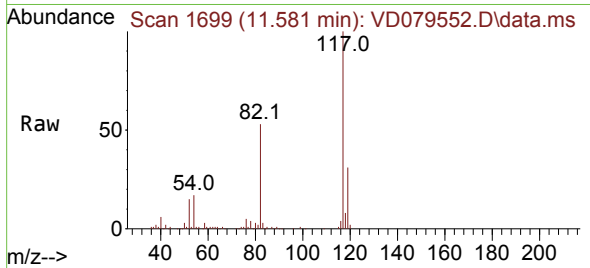




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079552.D
Acq: 02 Aug 2024 19:49

Instrument :
MSVOA_D
ClientSampleId :
RBR251686

Tgt Ion:117 Resp: 303011
Ion Ratio Lower Upper
117 100
82 53.2 39.8 59.6
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079552.D
Acq: 02 Aug 2024 19:49

Tgt Ion:152 Resp: 135763
Ion Ratio Lower Upper
152 100
115 54.9 26.5 79.5
150 154.6 0.0 341.6

