

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079548.D
 Acq On : 02 Aug 2024 17:58
 Operator : RP/MD
 Sample : P3402-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 355

Quant Time: Aug 02 19:02:23 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	199172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113709	56.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.400%
35) Dibromofluoromethane	7.805	113	121943	51.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.060%
50) Toluene-d8	10.269	98	422693	45.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.569	95	113220	42.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.320%

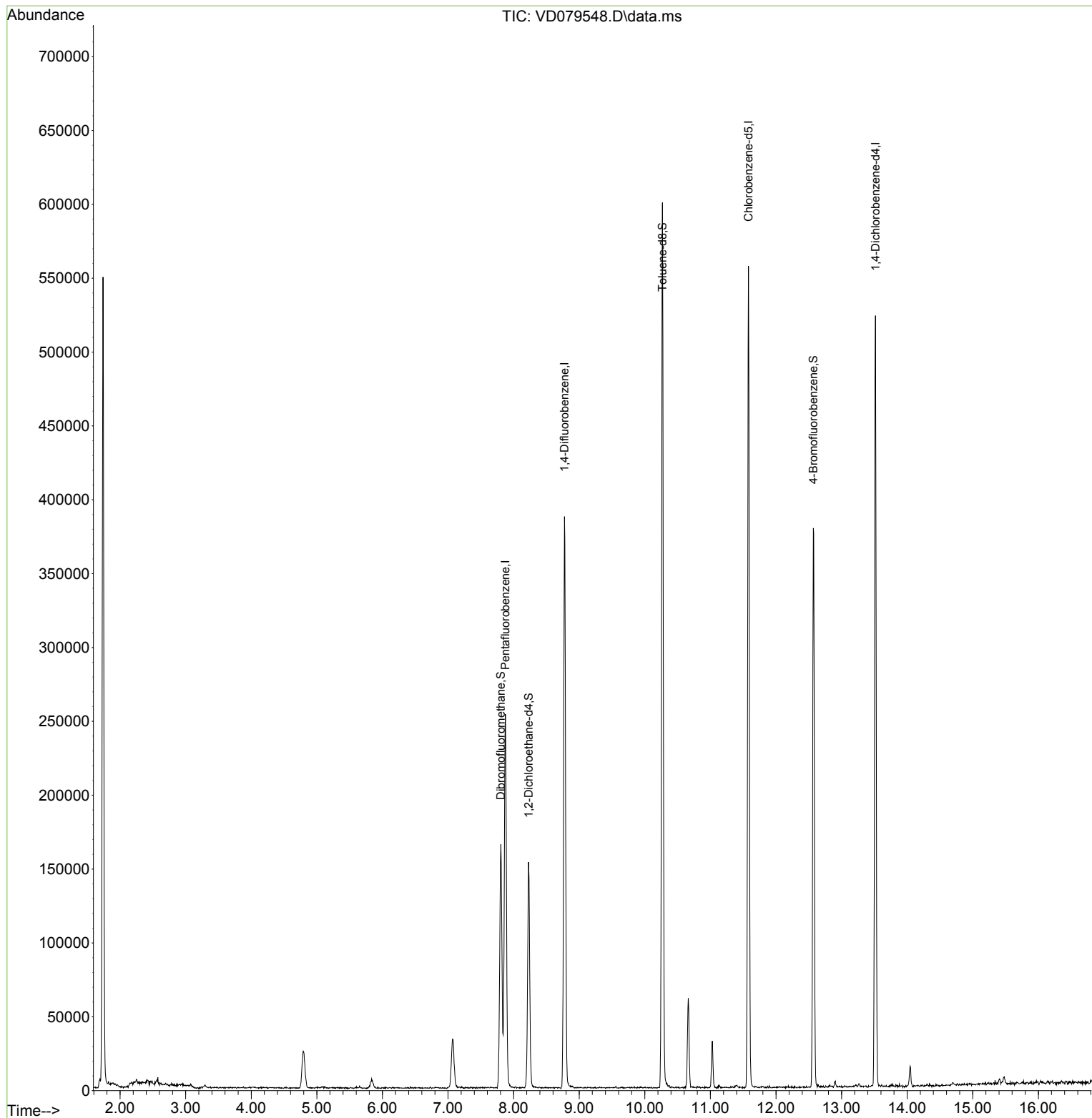
Target Compounds	Qvalue

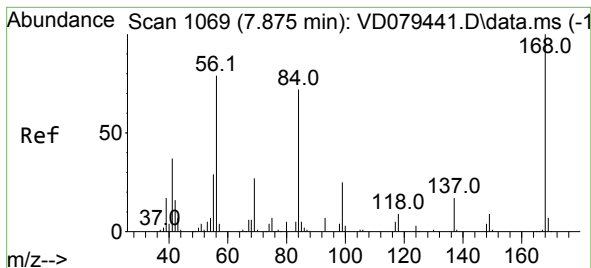
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079548.D

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Instrument :

MSVOA_D

ClientSampleId :

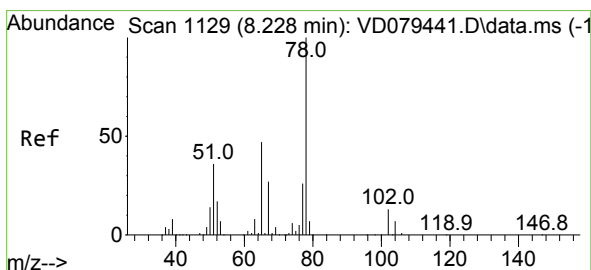
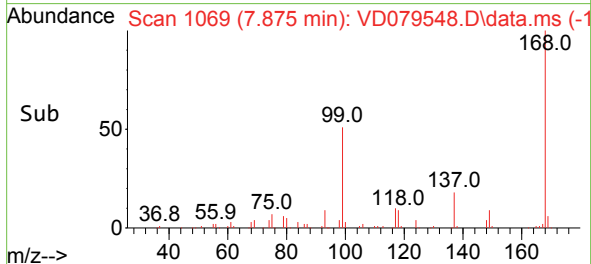
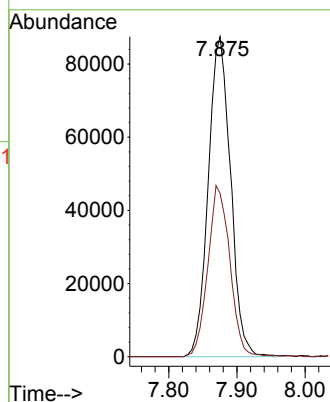
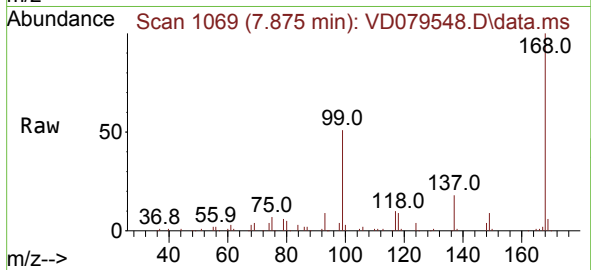
355

Tgt Ion:168 Resp: 199172

Ion Ratio Lower Upper

168 100

99 51.1 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 56.197 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079548.D

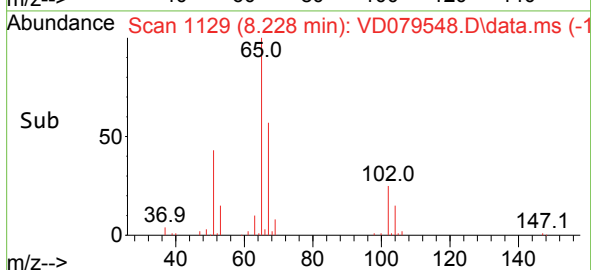
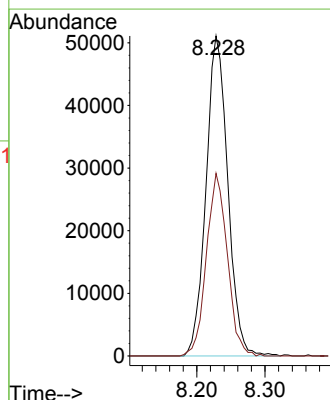
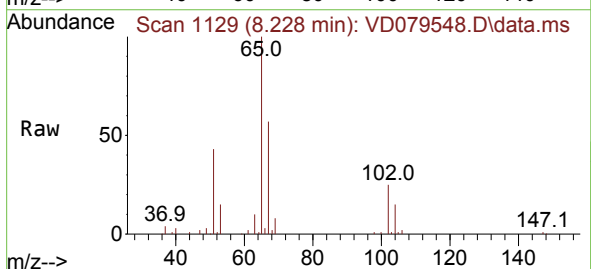
Acq: 02 Aug 2024 17:58

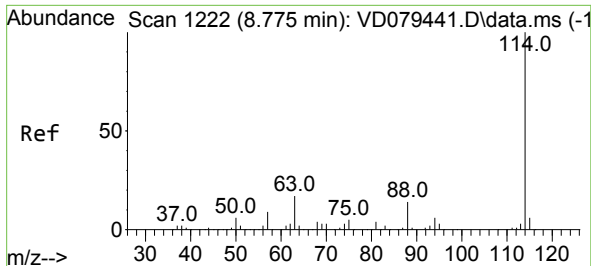
Tgt Ion: 65 Resp: 113709

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.0

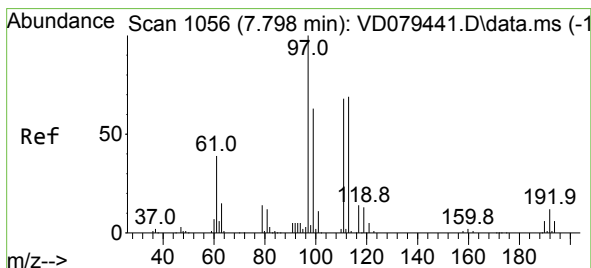
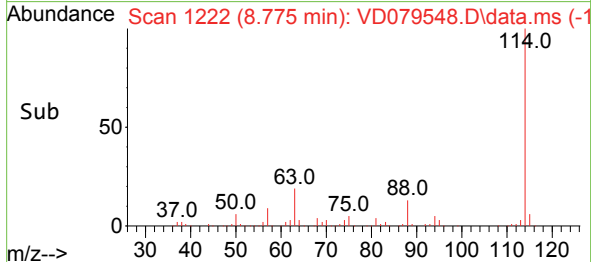
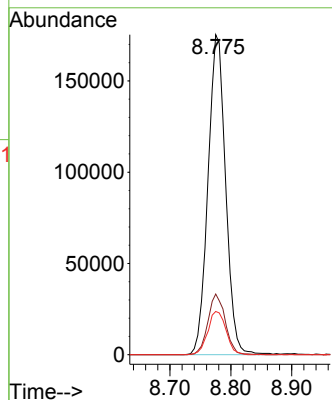
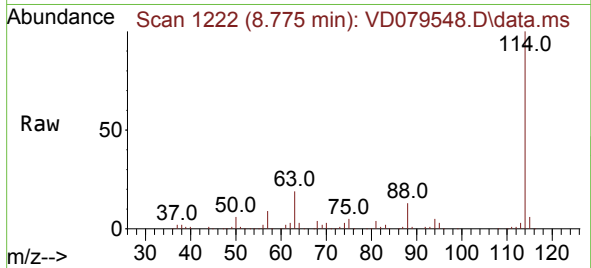




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079548.D
Acq: 02 Aug 2024 17:58

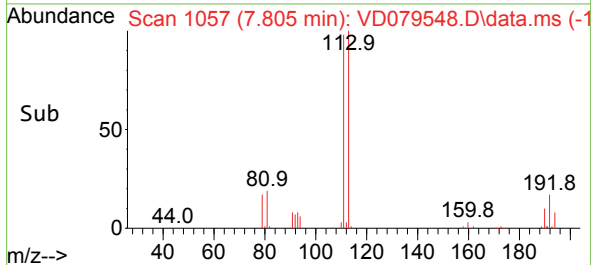
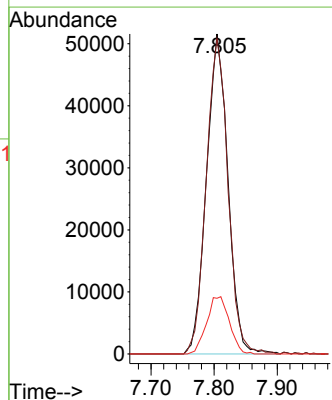
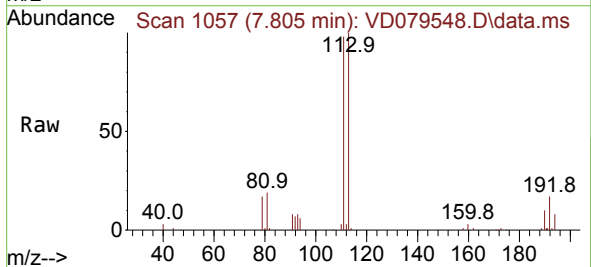
Instrument :
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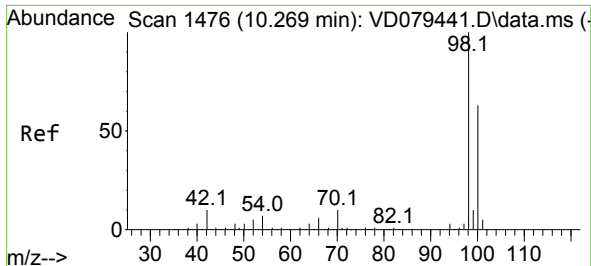
Tgt Ion:114 Resp: 353063
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.0
88 13.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.029 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079548.D
Acq: 02 Aug 2024 17:58

Tgt Ion:113 Resp: 121943
Ion Ratio Lower Upper
113 100
111 99.7 84.0 126.0
192 18.9 15.4 23.0

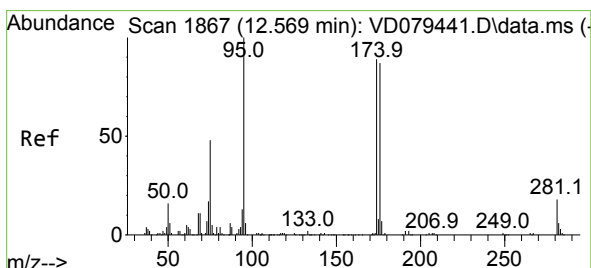
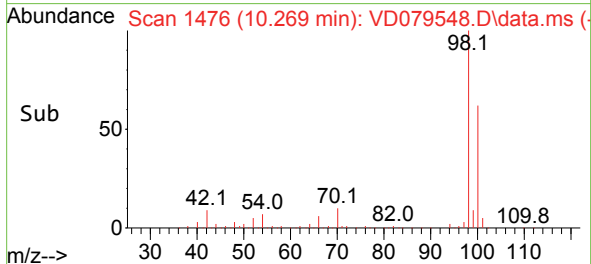
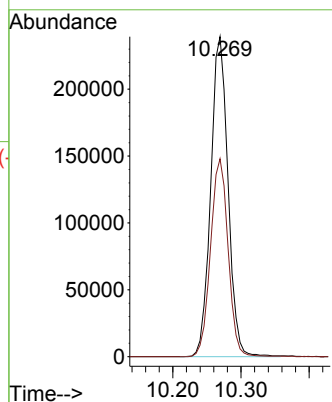
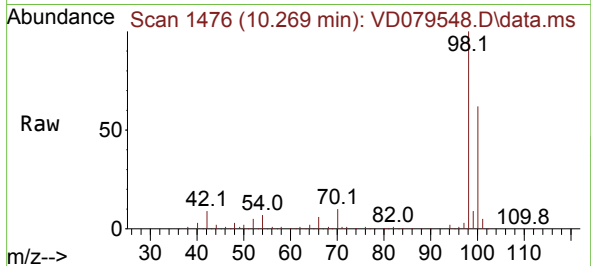




#50
Toluene-d8
Concen: 45.549 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079548.D
Acq: 02 Aug 2024 17:58

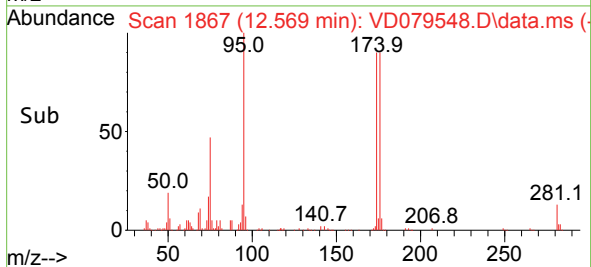
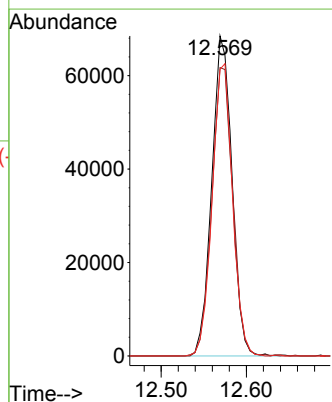
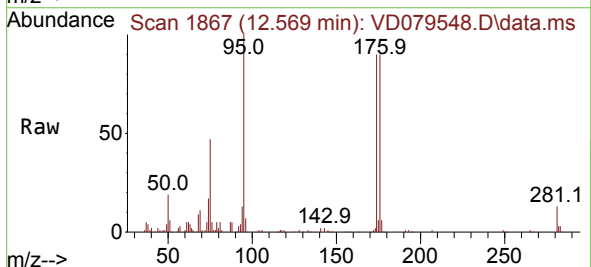
Instrument :
MSVOA_D
ClientSampleId :
355

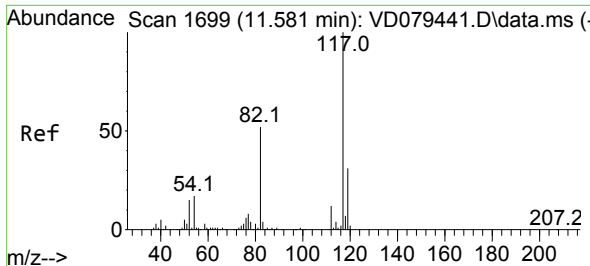
Tgt Ion: 98 Resp: 422693
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.160 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079548.D
Acq: 02 Aug 2024 17:58

Tgt Ion: 95 Resp: 113220
Ion Ratio Lower Upper
95 100
174 93.0 0.0 195.4
176 91.9 0.0 192.6

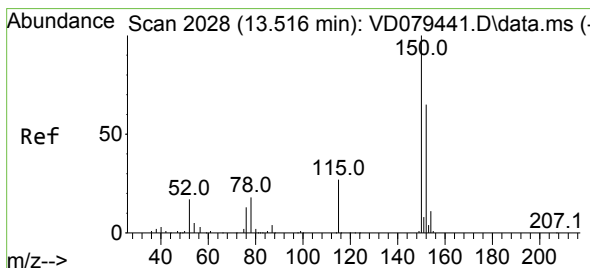
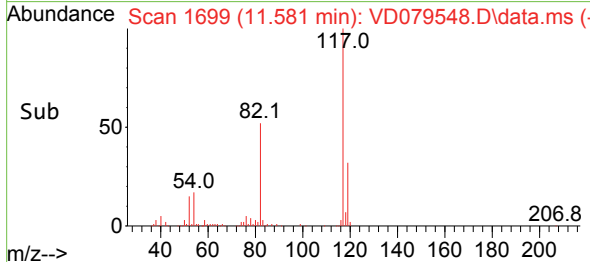
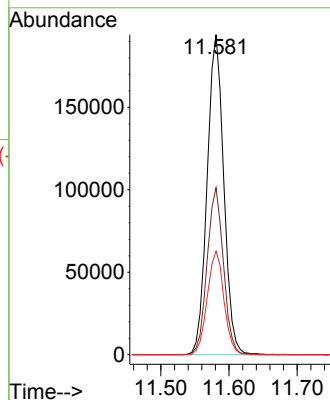
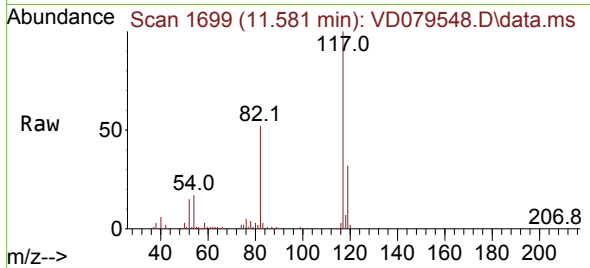




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD079548.D
Acq: 02 Aug 2024 17:58

Instrument :
MSVOA_D
ClientSampleId :
355

Tgt Ion:117 Resp: 328818
Ion Ratio Lower Upper
117 100
82 52.2 39.8 59.6
119 32.3 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: VD079548.D
Acq: 02 Aug 2024 17:58

Tgt Ion:152 Resp: 146391
Ion Ratio Lower Upper
152 100
115 56.5 26.5 79.5
150 160.4 0.0 341.6

