

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079558.D
 Acq On : 03 Aug 2024 00:24
 Operator : RP/MD
 Sample : VD0802SBL02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL02

Quant Time: Aug 03 01:52:41 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	192088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	363129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106158	54.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.800%
35) Dibromofluoromethane	7.811	113	112952	45.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.920%
50) Toluene-d8	10.269	98	392428	41.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.240%
62) 4-Bromofluorobenzene	12.569	95	108007	39.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.200%

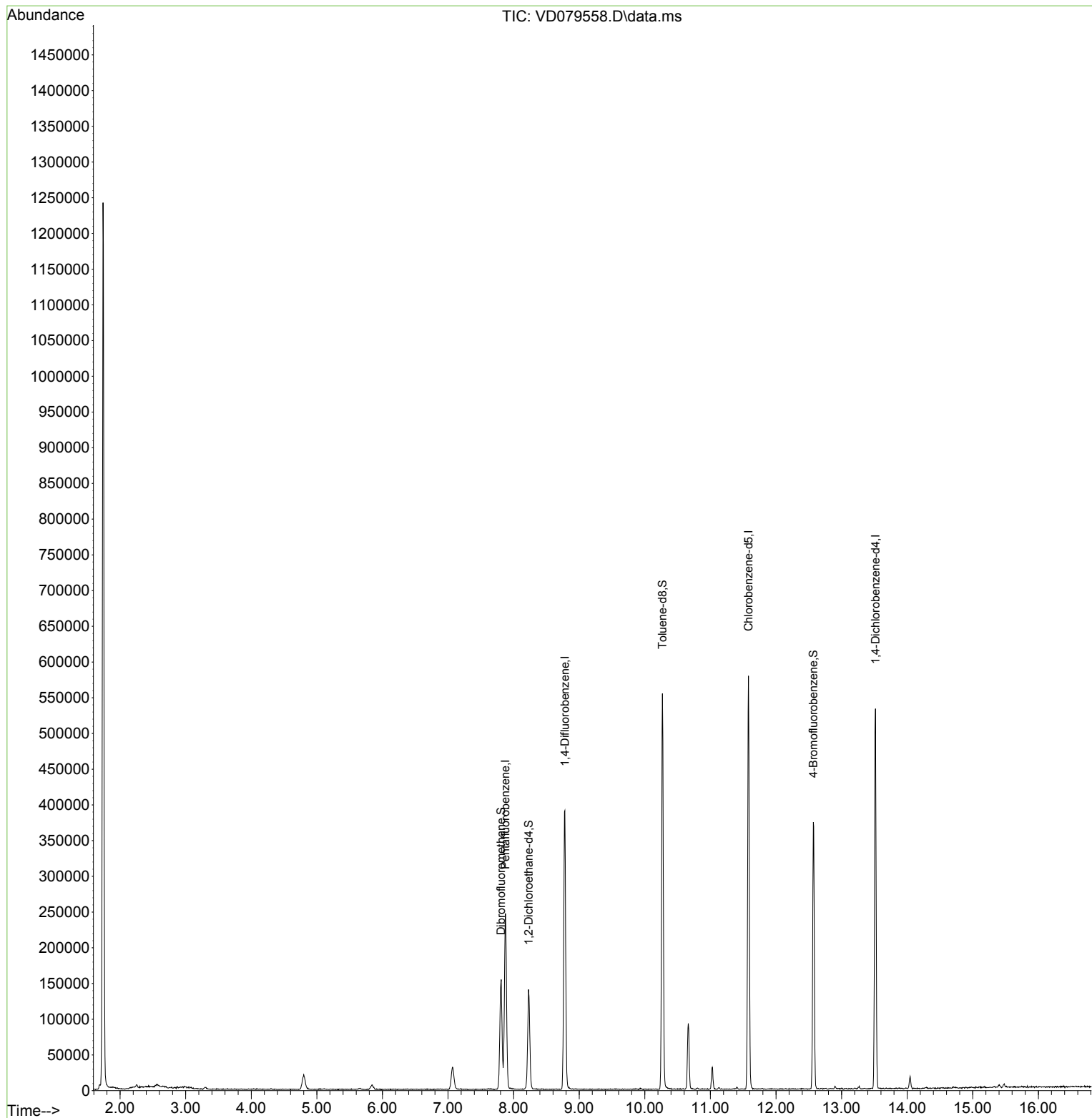
Target Compounds	Qvalue

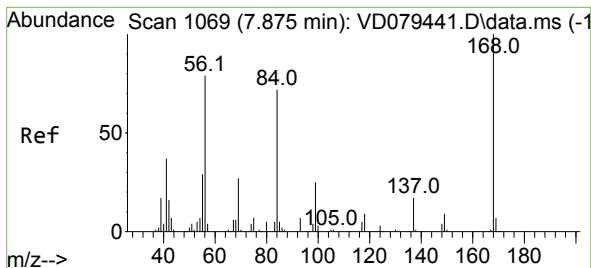
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079558.D

Acq: 03 Aug 2024 00:24

Instrument :

MSVOA_D

ClientSampleId :

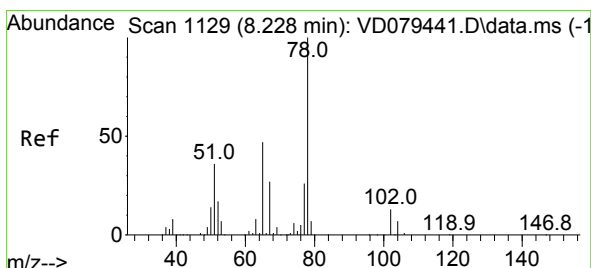
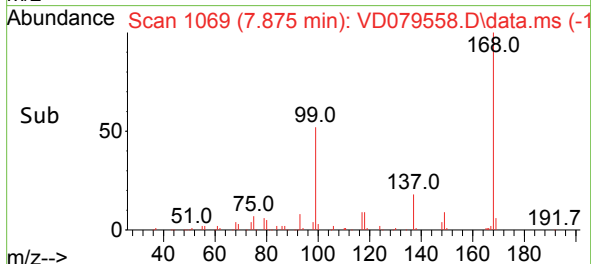
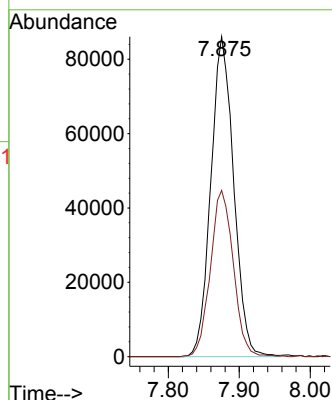
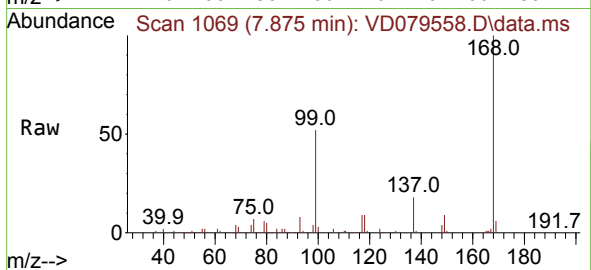
VD0802SBL02

Tgt Ion:168 Resp: 192088

Ion Ratio Lower Upper

168 100

99 52.0 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 54.400 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079558.D

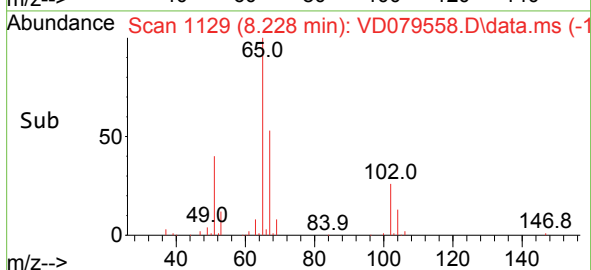
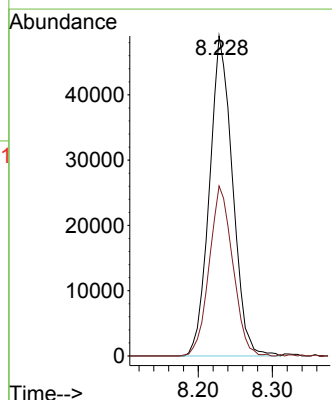
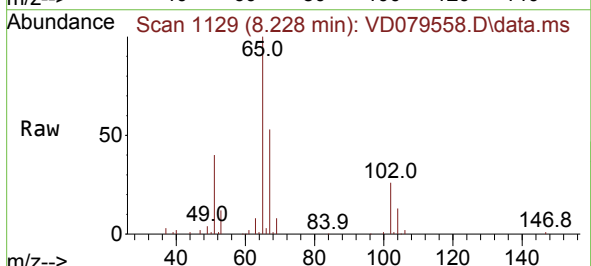
Acq: 03 Aug 2024 00:24

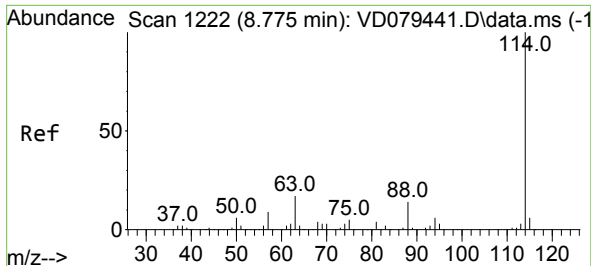
Tgt Ion: 65 Resp: 106158

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0

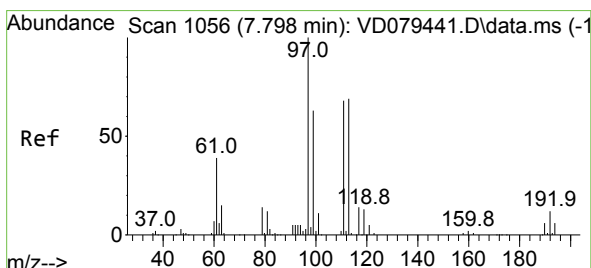
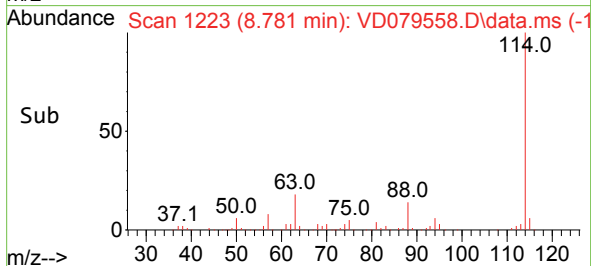
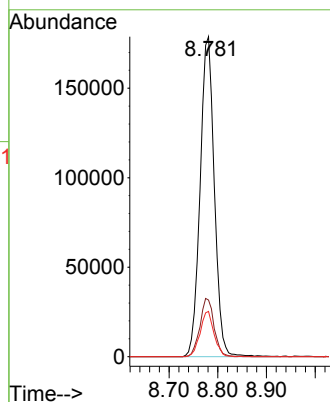
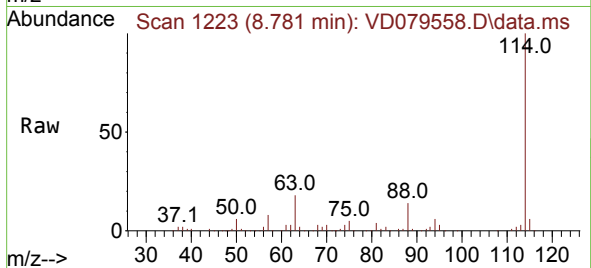




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079558.D
Acq: 03 Aug 2024 00:24

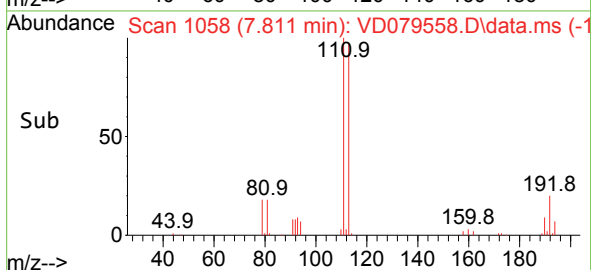
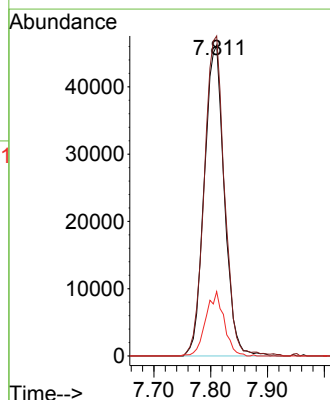
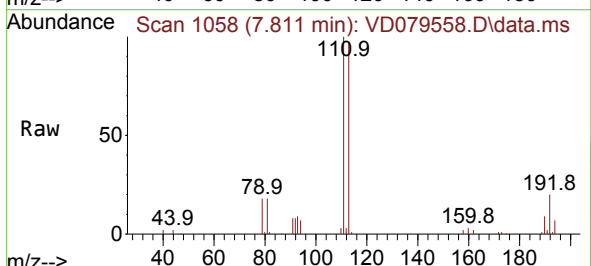
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL02

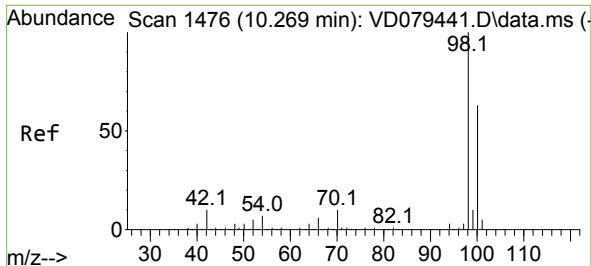
Tgt Ion:114 Resp: 363129
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.956 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079558.D
Acq: 03 Aug 2024 00:24

Tgt Ion:113 Resp: 112952
Ion Ratio Lower Upper
113 100
111 103.8 84.0 126.0
192 19.0 15.4 23.0

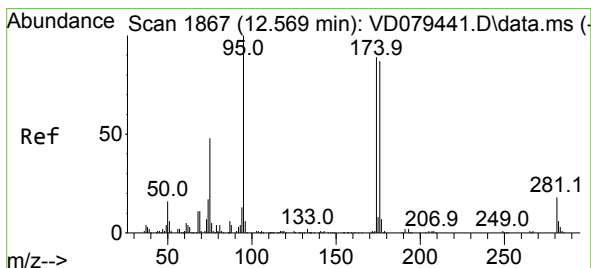
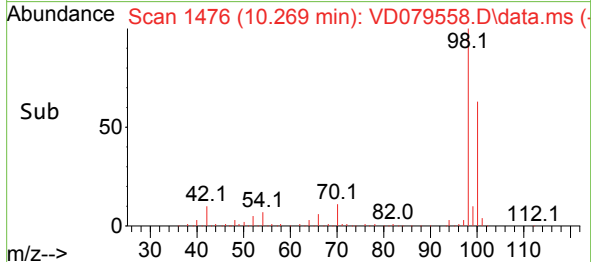
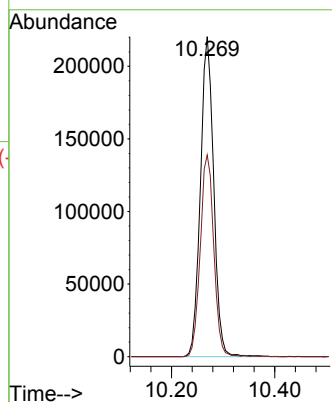
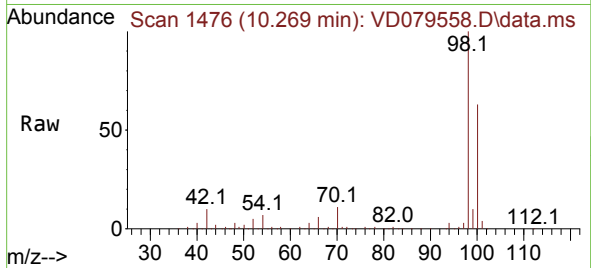




#50
Toluene-d8
Concen: 41.115 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079558.D
Acq: 03 Aug 2024 00:24

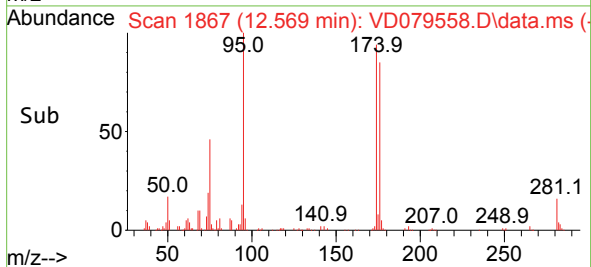
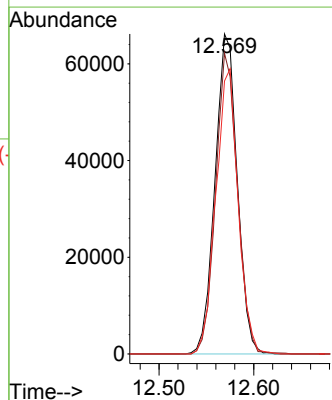
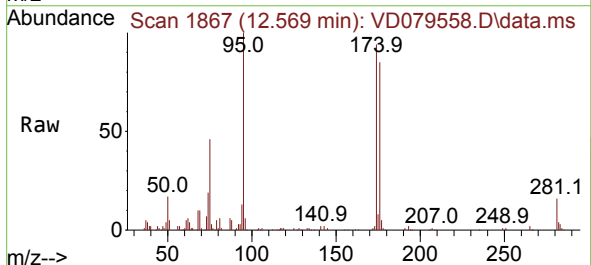
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL02

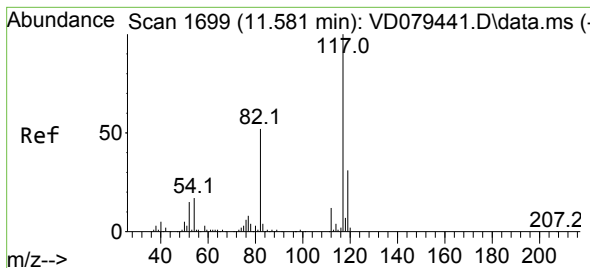
Tgt Ion: 98 Resp: 392428
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.104 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079558.D
Acq: 03 Aug 2024 00:24

Tgt Ion: 95 Resp: 108007
Ion Ratio Lower Upper
95 100
174 92.4 0.0 195.4
176 89.7 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079558.D

Acq: 03 Aug 2024 00:24

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL02

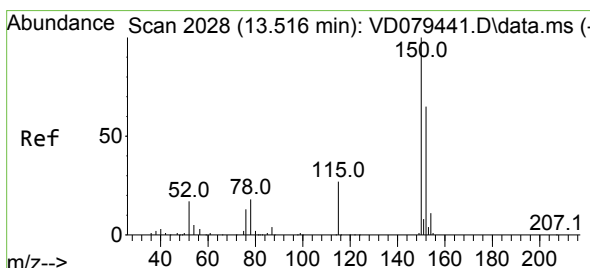
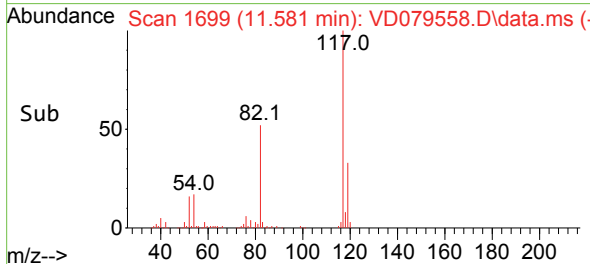
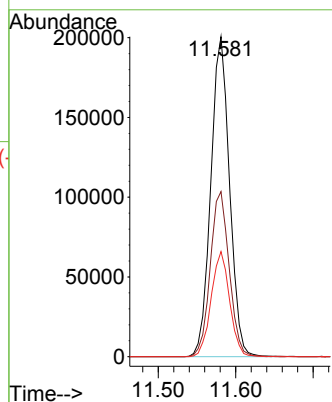
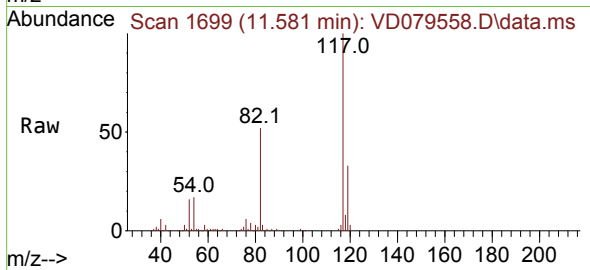
Tgt Ion:117 Resp: 336692

Ion Ratio Lower Upper

117 100

82 51.6 39.8 59.6

119 32.8 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: VD079558.D

Acq: 03 Aug 2024 00:24

Tgt Ion:152 Resp: 149965

Ion Ratio Lower Upper

152 100

115 55.7 26.5 79.5

150 155.3 0.0 341.6

