

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079794.D
 Acq On : 06 Sep 2024 13:01
 Operator : RP/MD
 Sample : VD0906SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

Quant Time: Sep 06 23:57:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96294	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	208458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84695	64.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.020%
35) Dibromofluoromethane	7.799	113	74238	54.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.580%
50) Toluene-d8	10.269	98	305644	52.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.569	95	75766	46.597	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.200%

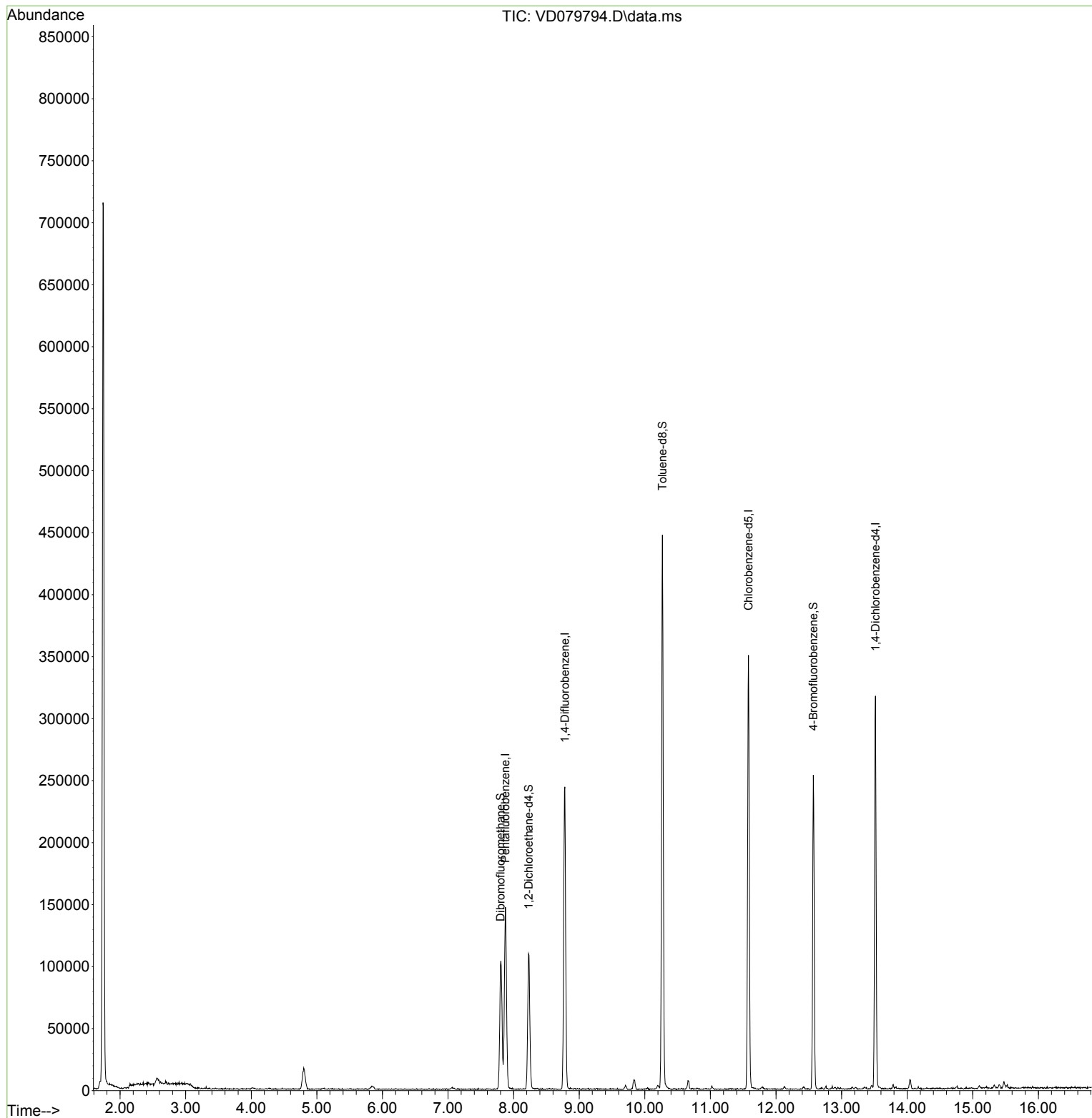
Target Compounds	Qvalue

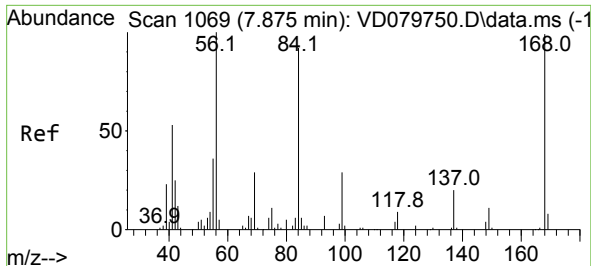
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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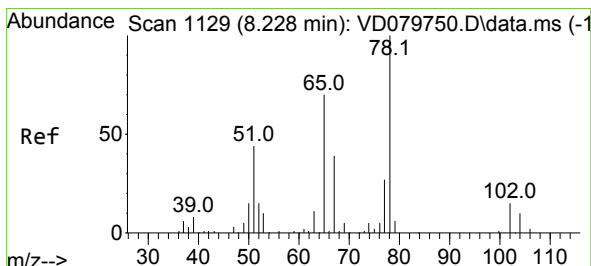
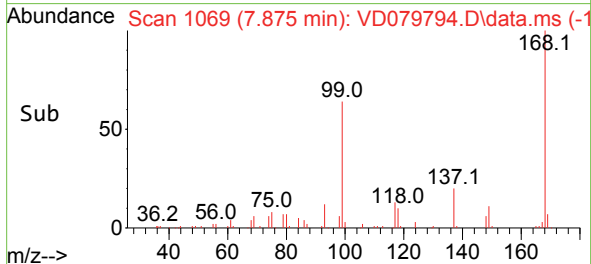
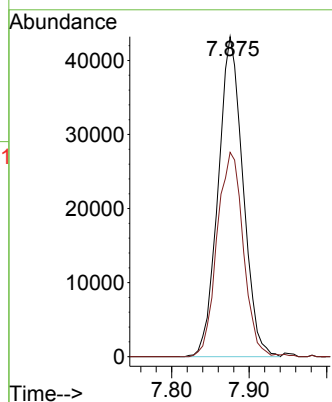
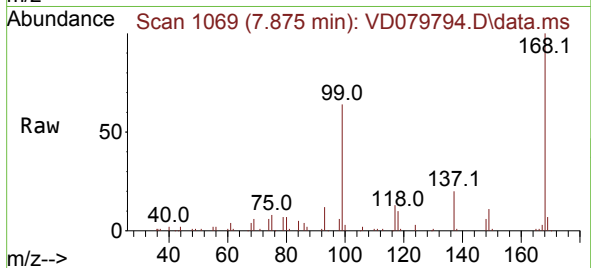




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

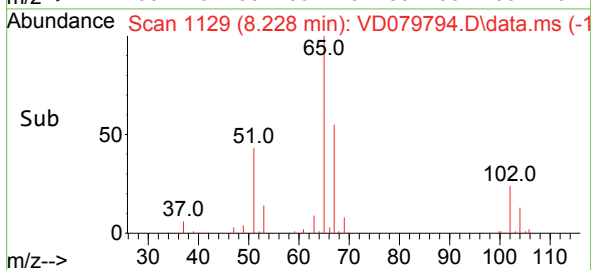
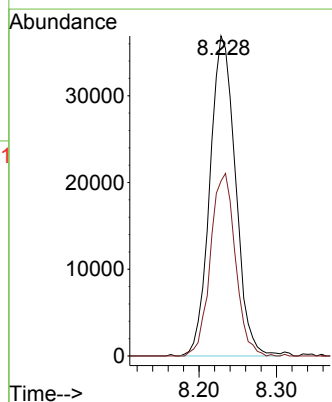
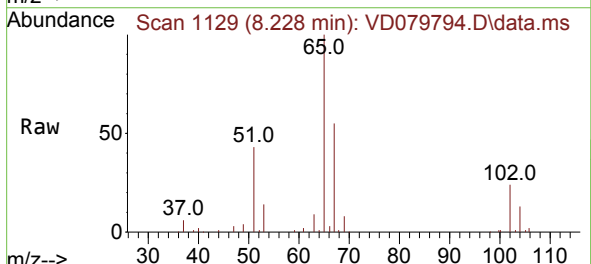
Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

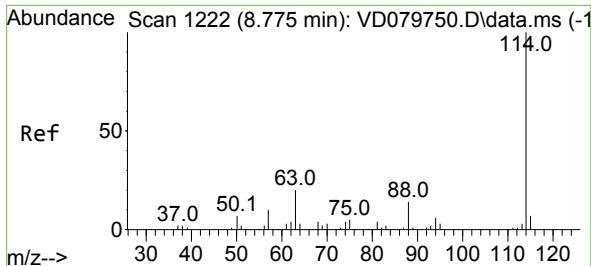
Tgt Ion:168 Resp: 96294
Ion Ratio Lower Upper
168 100
99 63.8 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 64.507 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion: 65 Resp: 84695
Ion Ratio Lower Upper
65 100
67 55.5 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: VD079794.D

Acq: 06 Sep 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0906SBL01

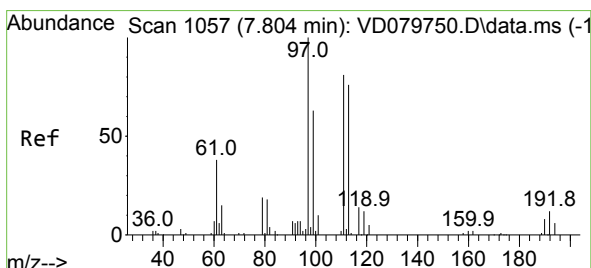
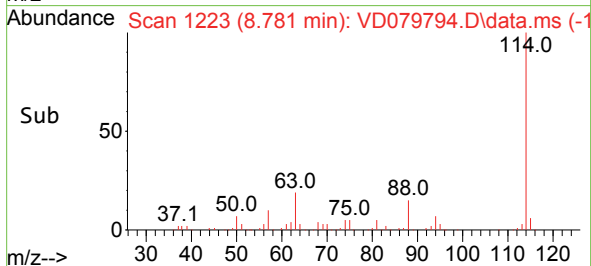
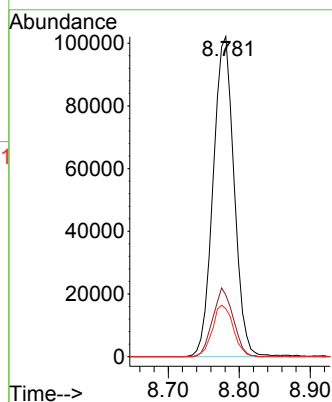
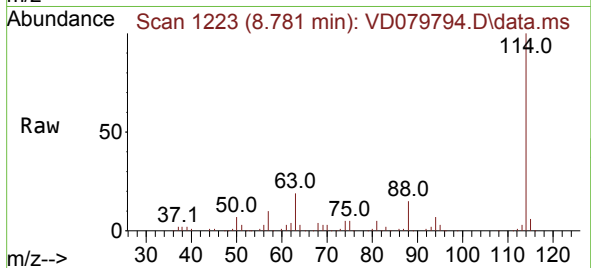
Tgt Ion:114 Resp: 208458

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.790 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079794.D

Acq: 06 Sep 2024 13:01

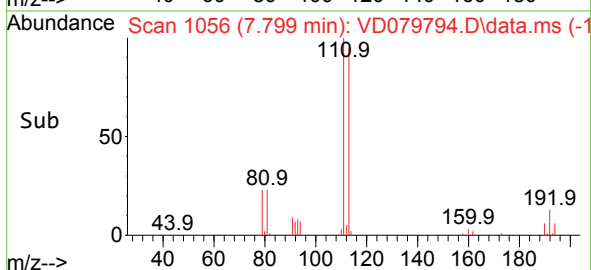
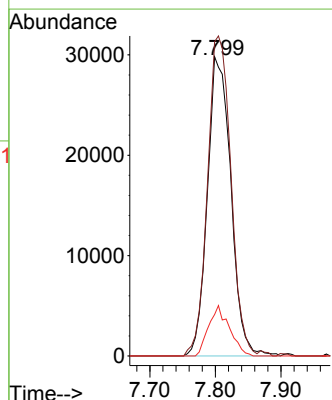
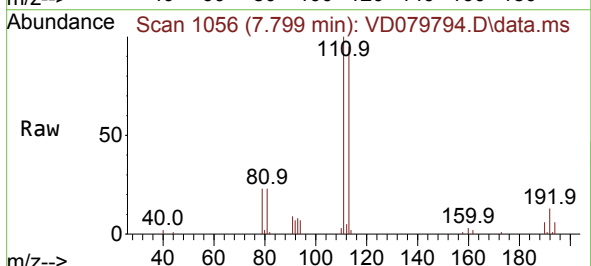
Tgt Ion:113 Resp: 74238

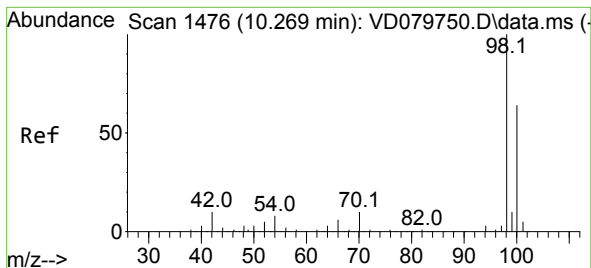
Ion Ratio Lower Upper

113 100

111 106.4 84.0 126.0

192 14.9 15.4 23.0#

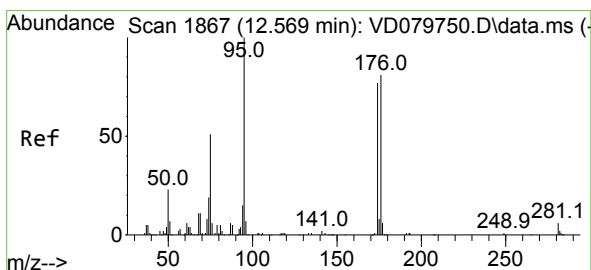
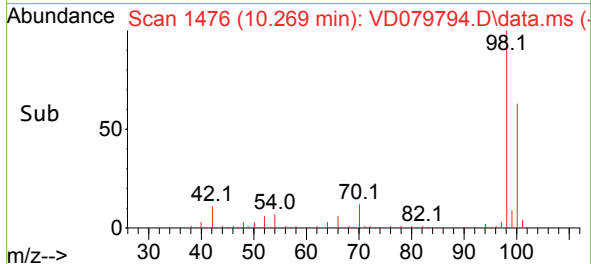
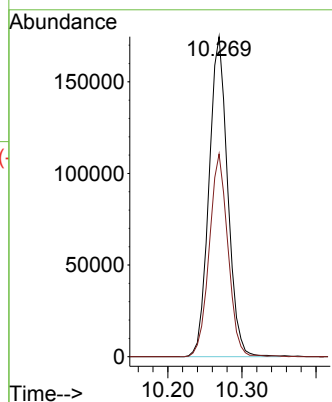
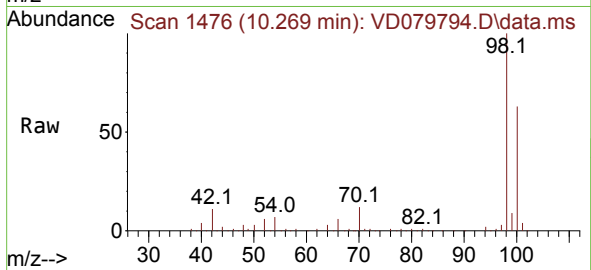




#50
Toluene-d8
Concen: 52.596 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

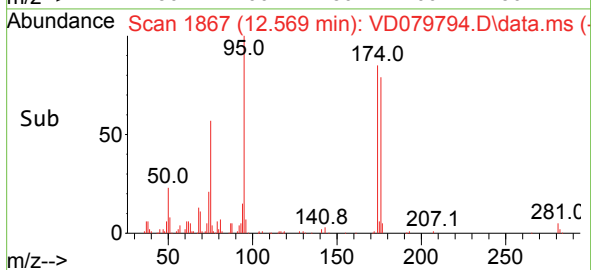
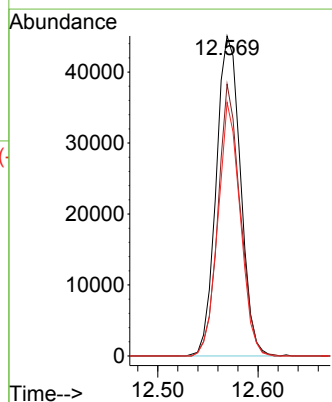
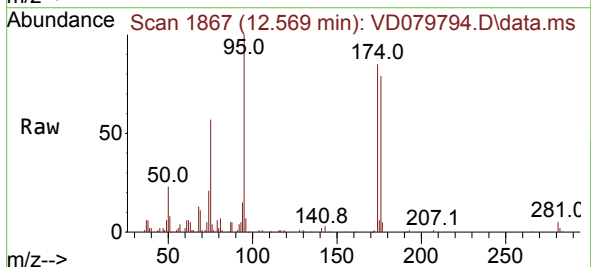
Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

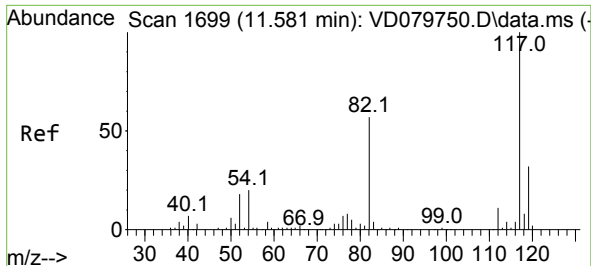
Tgt Ion: 98 Resp: 305644
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.597 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion: 95 Resp: 75766
Ion Ratio Lower Upper
95 100
174 77.9 0.0 195.4
176 72.8 0.0 192.6

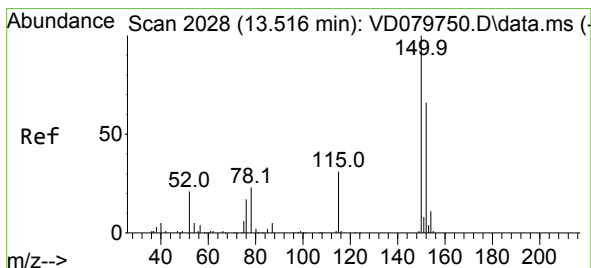
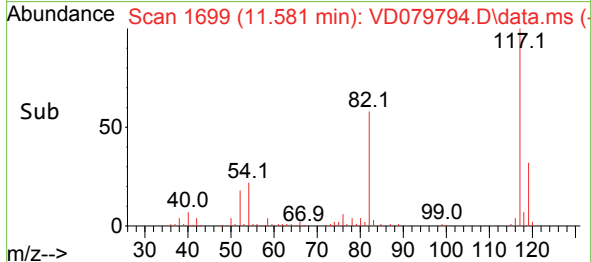
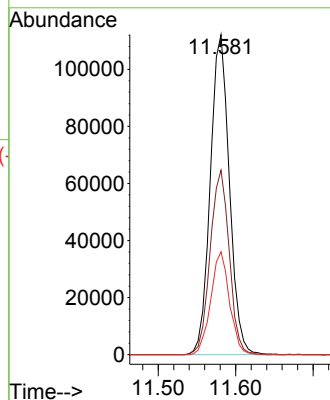
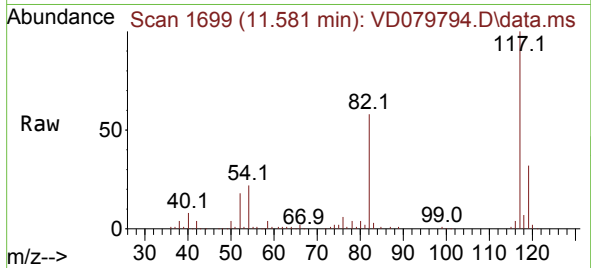




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

Tgt Ion:117 Resp: 191843
Ion Ratio Lower Upper
117 100
82 57.6 39.8 59.6
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079794.D
Acq: 06 Sep 2024 13:01

Tgt Ion:152 Resp: 78952
Ion Ratio Lower Upper
152 100
115 60.5 26.5 79.5
150 156.3 0.0 341.6

