

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079409.D
 Acq On : 26 Jul 2024 14:55
 Operator : RP/MD
 Sample : VD0726SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0726SBL01

Quant Time: Jul 27 03:32:19 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	7.875	168	164821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96960	61.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.340%
35) Dibromofluoromethane	7.805	113	107854	54.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.980%
50) Toluene-d8	10.269	98	381521	49.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.569	95	104980	43.553	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.100%

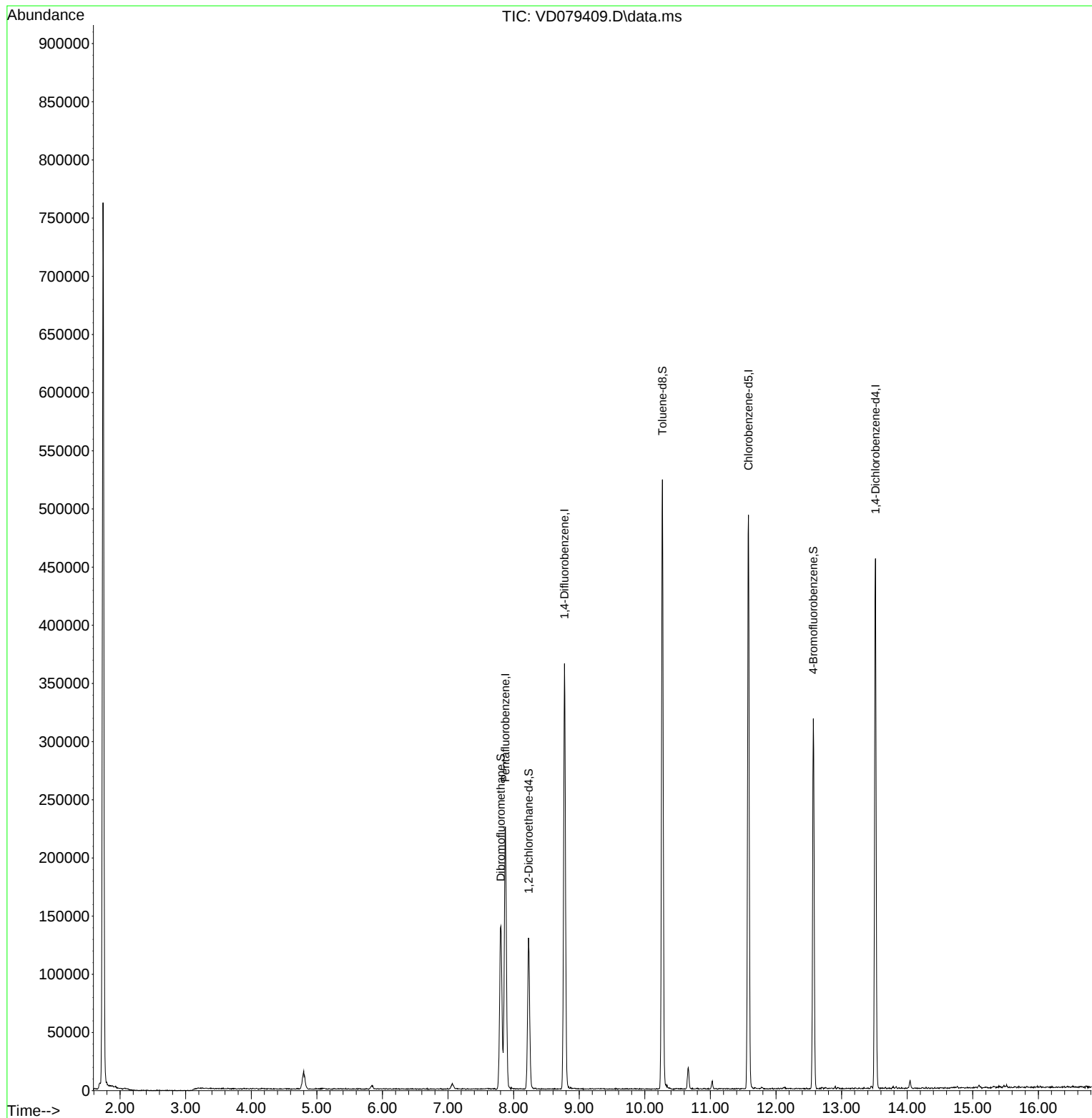
Target Compounds	Qvalue

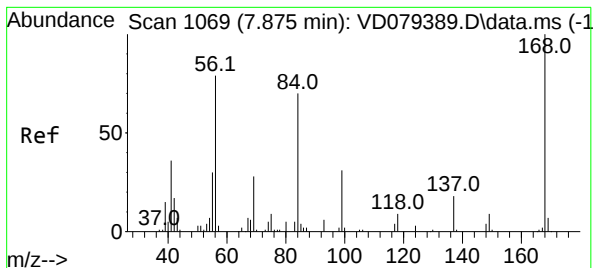
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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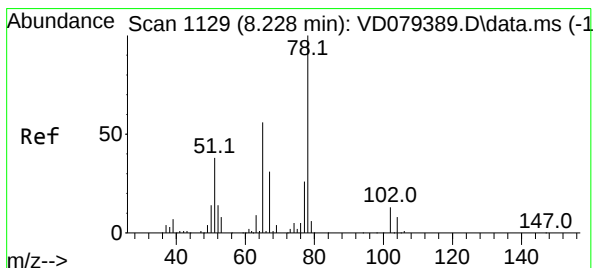
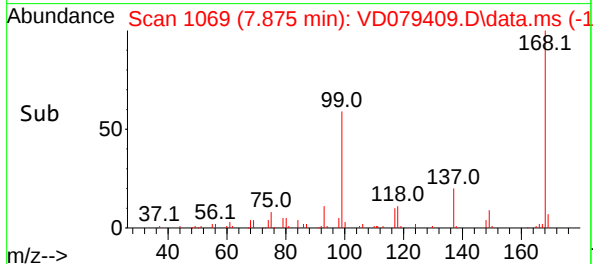
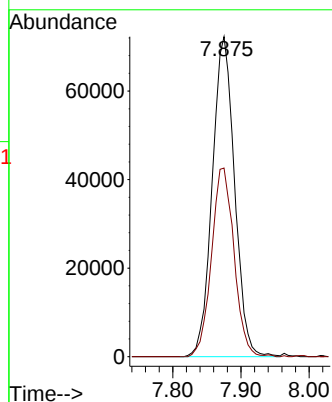
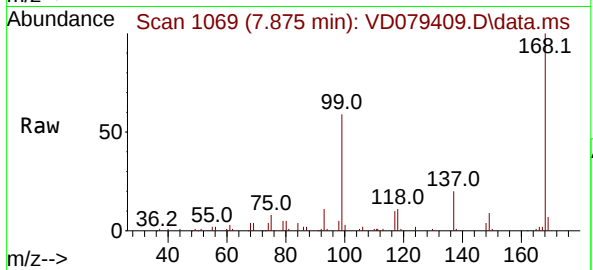




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079409.D
Acq: 26 Jul 2024 14:55

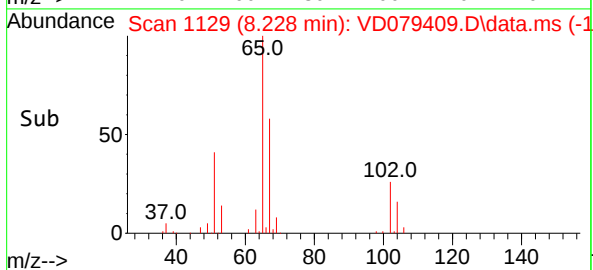
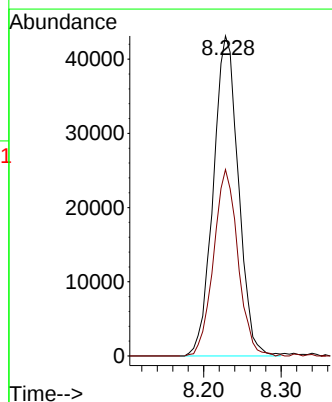
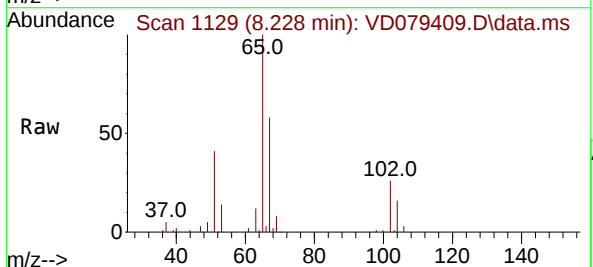
Instrument :
MSVOA_D
ClientSampleId :
VD0726SBL01

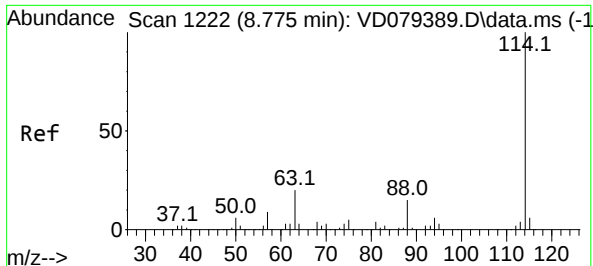
Tgt Ion:168 Resp: 164821
Ion Ratio Lower Upper
168 100
99 59.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 61.673 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079409.D
Acq: 26 Jul 2024 14:55

Tgt Ion: 65 Resp: 96960
Ion Ratio Lower Upper
65 100
67 56.6 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: VD079409.D

Acq: 26 Jul 2024 14:55

Instrument :

MSVOA_D

ClientSampleId :

VD0726SBL01

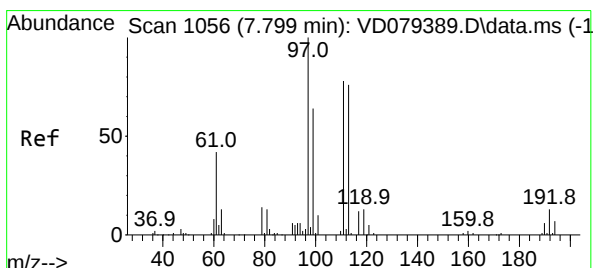
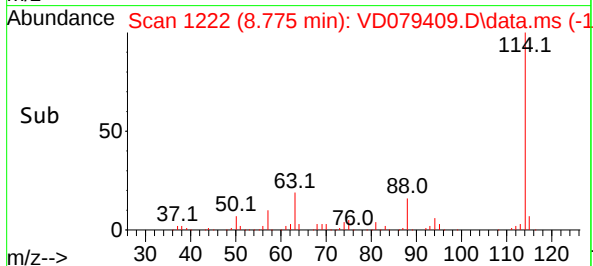
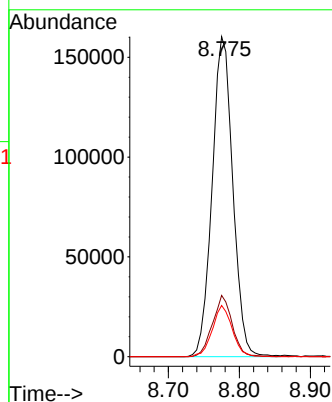
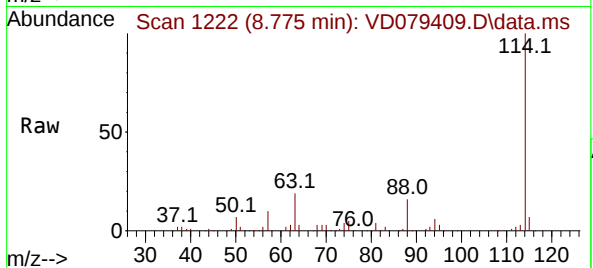
Tgt Ion:114 Resp: 323834

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.492 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079409.D

Acq: 26 Jul 2024 14:55

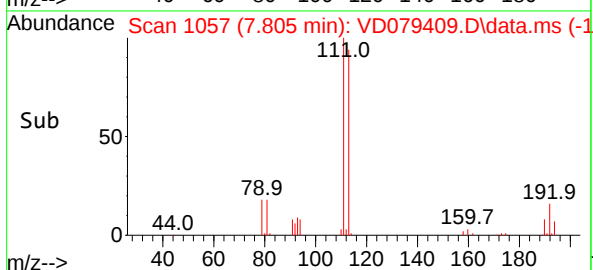
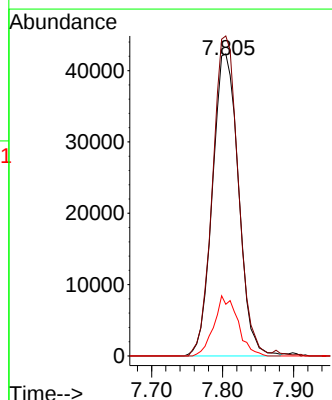
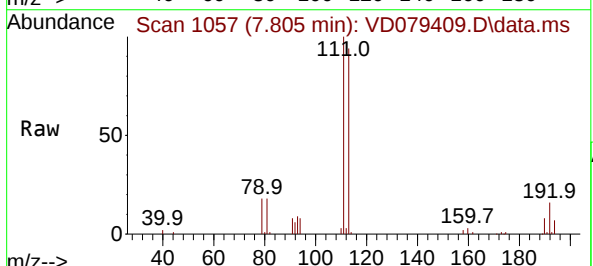
Tgt Ion:113 Resp: 107854

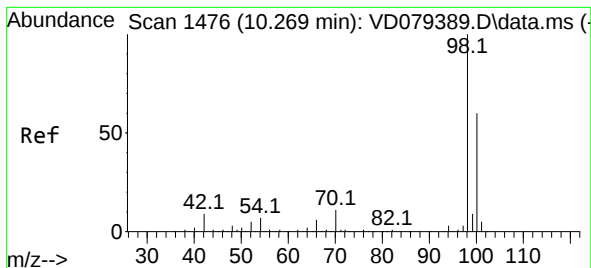
Ion Ratio Lower Upper

113 100

111 104.2 84.0 126.0

192 18.2 15.4 23.0

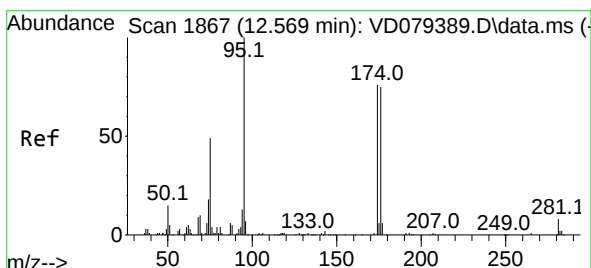
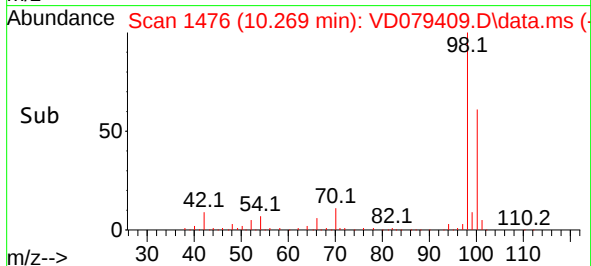
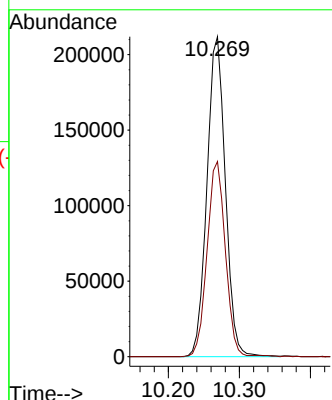
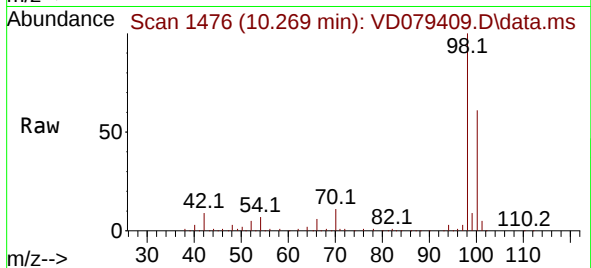




#50
Toluene-d8
Concen: 49.438 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079409.D
Acq: 26 Jul 2024 14:55

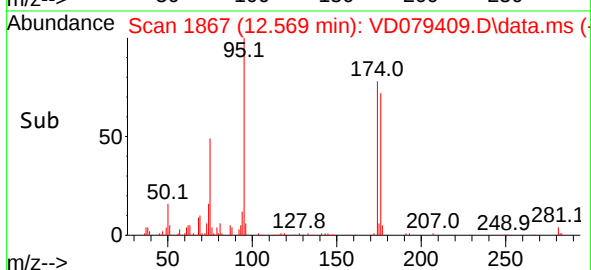
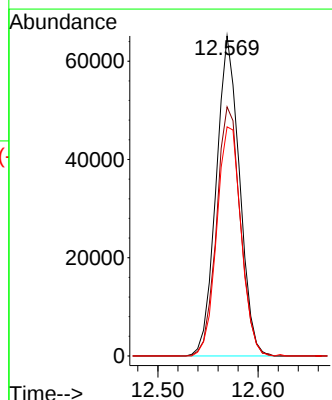
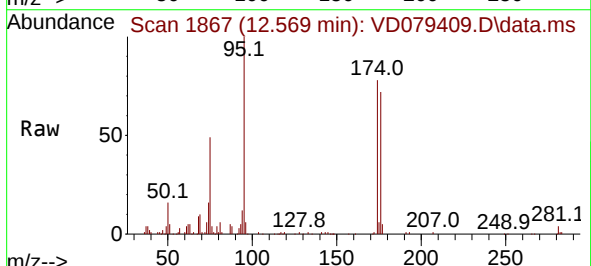
Instrument :
MSVOA_D
ClientSampleId :
VD0726SBL01

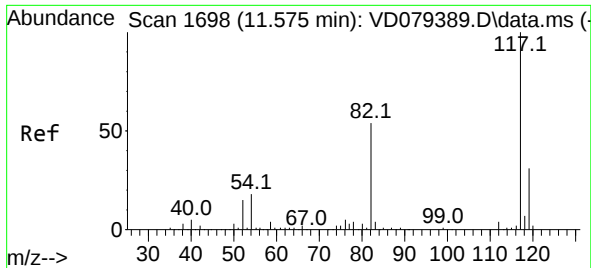
Tgt Ion: 98 Resp: 381521
Ion Ratio Lower Upper
98 100
100 60.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.553 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079409.D
Acq: 26 Jul 2024 14:55

Tgt Ion: 95 Resp: 104980
Ion Ratio Lower Upper
95 100
174 79.6 0.0 195.4
176 74.7 0.0 192.6

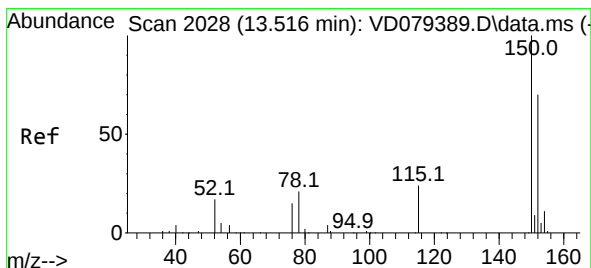
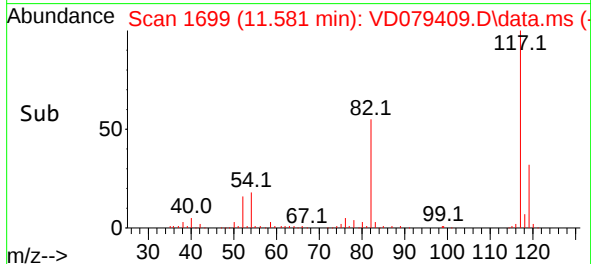
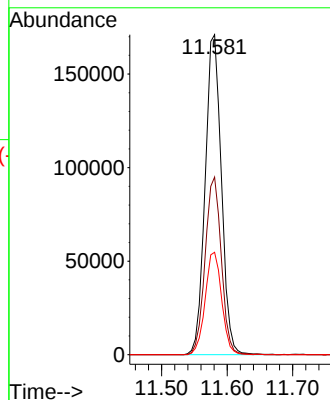
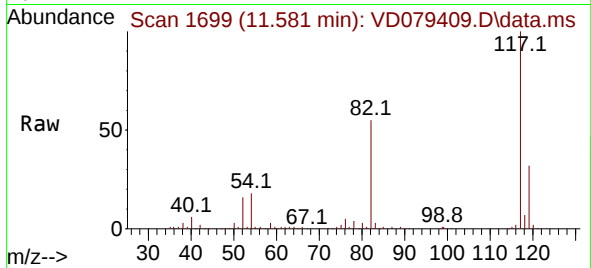




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079409.D
Acq: 26 Jul 2024 14:55

Instrument :
MSVOA_D
ClientSampleId :
VD0726SBL01

Tgt Ion:117 Resp: 295124
Ion Ratio Lower Upper
117 100
82 55.5 39.8 59.6
119 32.0 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: VD079409.D
Acq: 26 Jul 2024 14:55

Tgt Ion:152 Resp: 122950
Ion Ratio Lower Upper
152 100
115 59.6 26.5 79.5
150 154.8 0.0 341.6

