

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078768.D
 Acq On : 28 Mar 2024 12:13
 Operator : RP/MD
 Sample : VD0328SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBL01

Quant Time: Mar 29 01:32:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	160006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	303562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76790	51.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.420%
35) Dibromofluoromethane	7.810	113	94416	48.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.269	98	370696	51.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.575	95	92796	44.128	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.260%

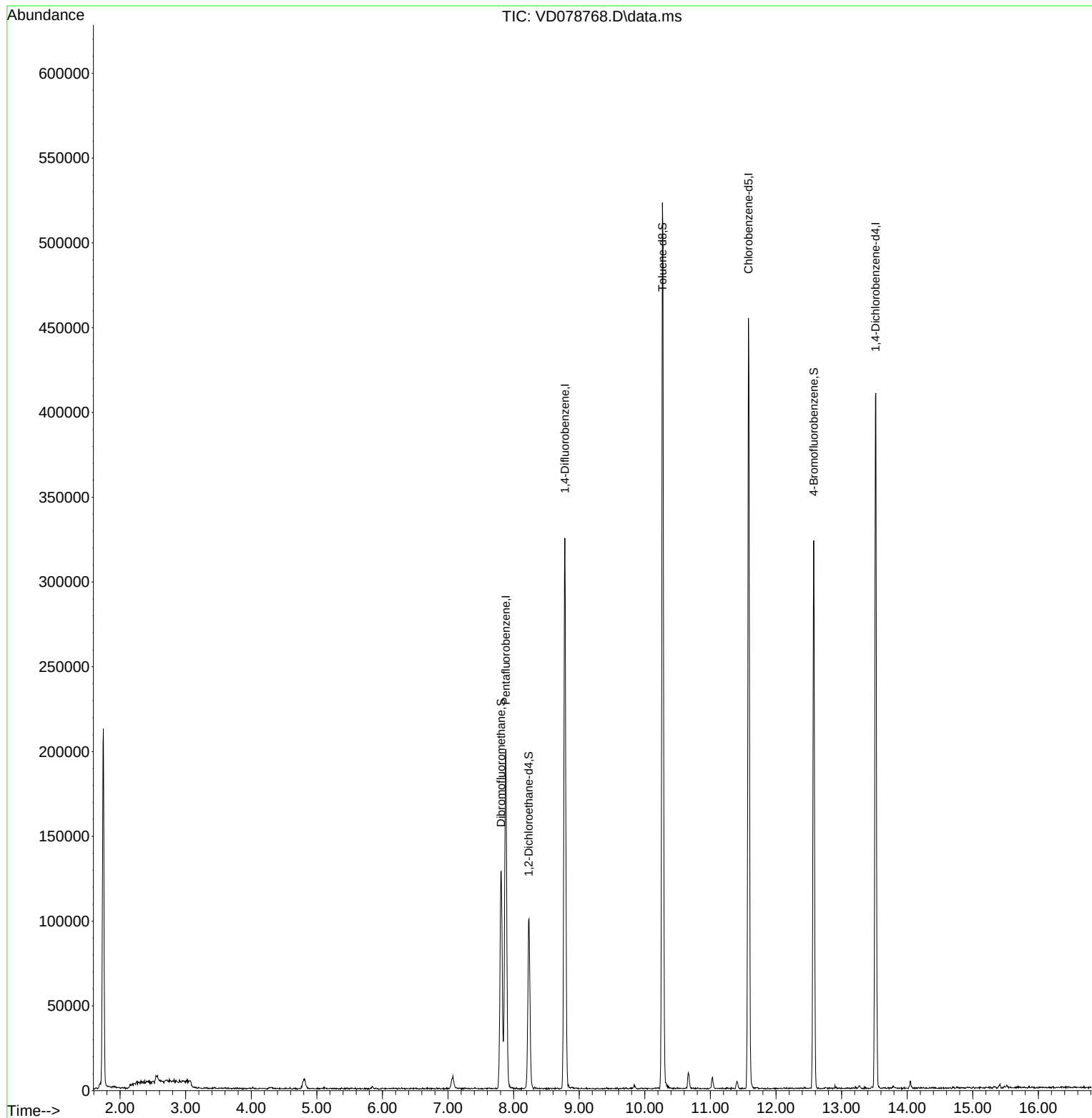
Target Compounds	Qvalue

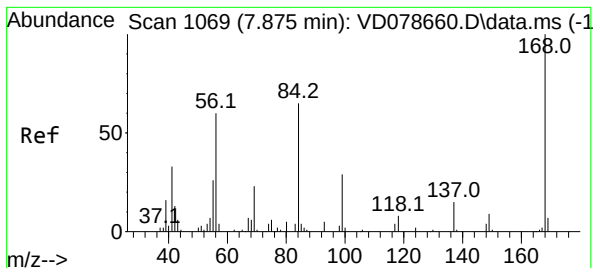
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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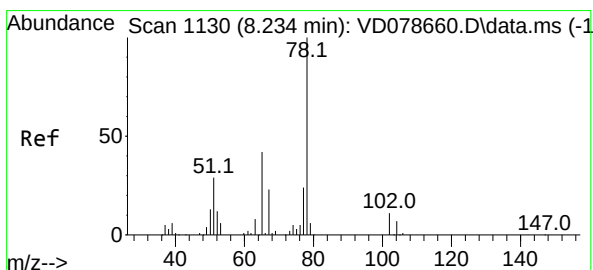
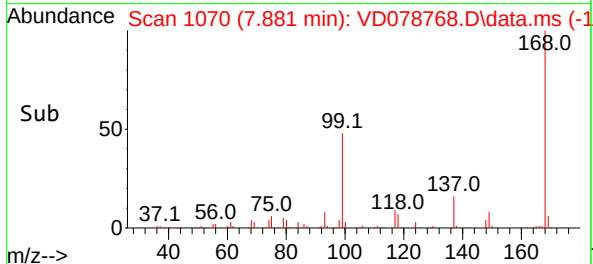
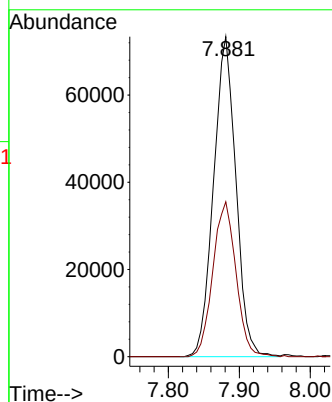
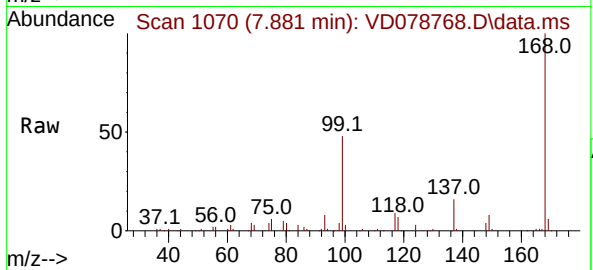




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078768.D
Acq: 28 Mar 2024 12:13

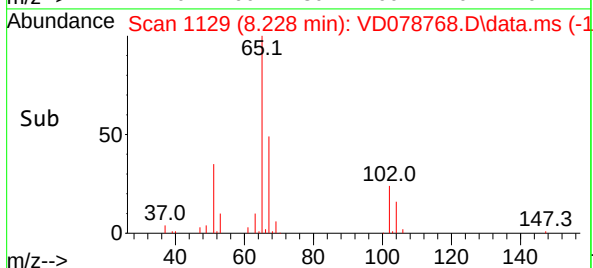
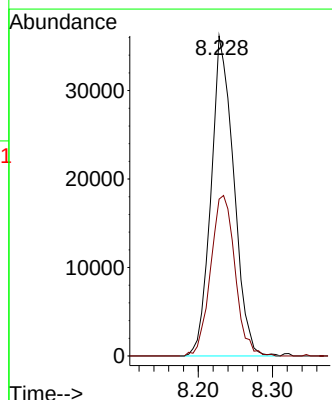
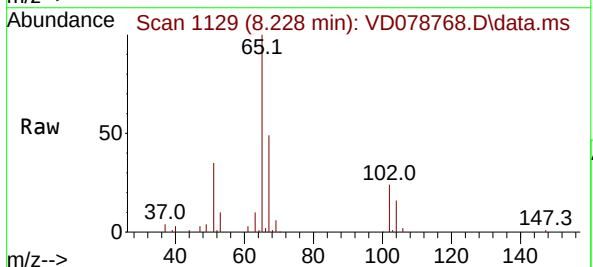
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

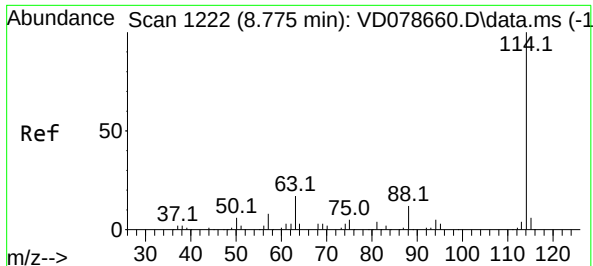
Tgt Ion:168 Resp: 160006
Ion Ratio Lower Upper
168 100
99 48.4 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 51.210 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078768.D
Acq: 28 Mar 2024 12:13

Tgt Ion: 65 Resp: 76790
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078768.D

Acq: 28 Mar 2024 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBL01

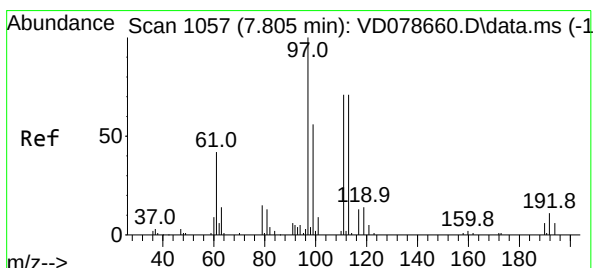
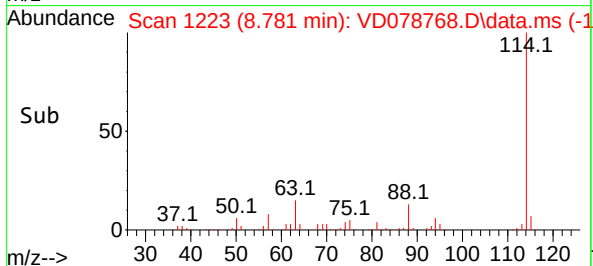
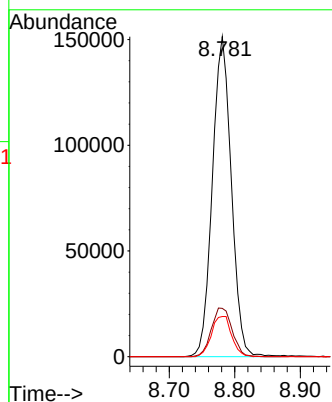
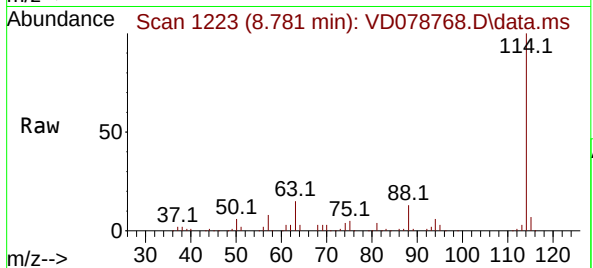
Tgt Ion:114 Resp: 303562

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.4

88 12.6 0.0 24.6



#35

Dibromofluoromethane

Concen: 48.307 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078768.D

Acq: 28 Mar 2024 12:13

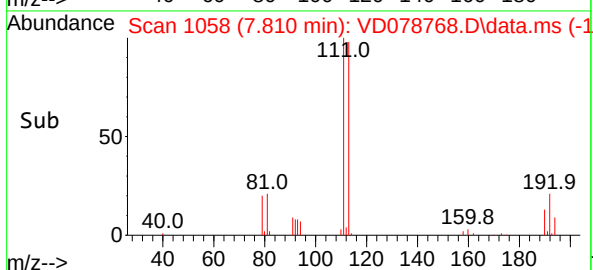
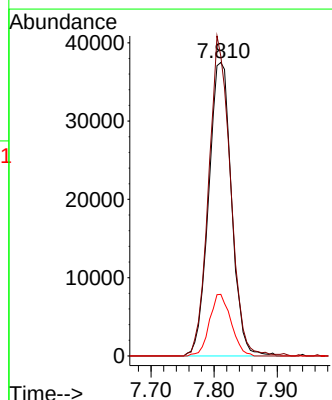
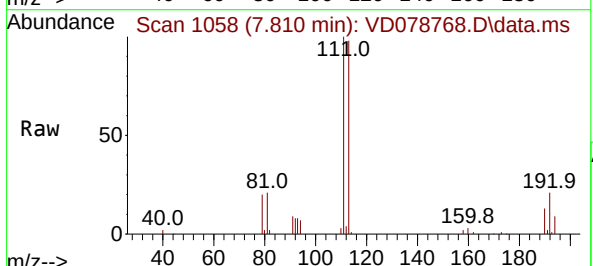
Tgt Ion:113 Resp: 94416

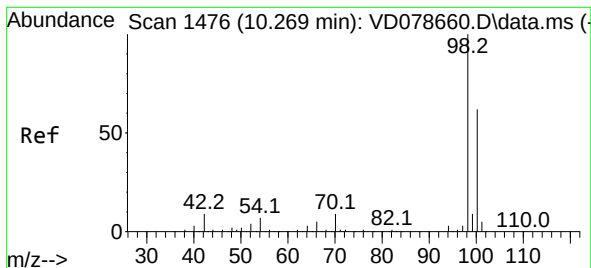
Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 19.7 15.4 23.0

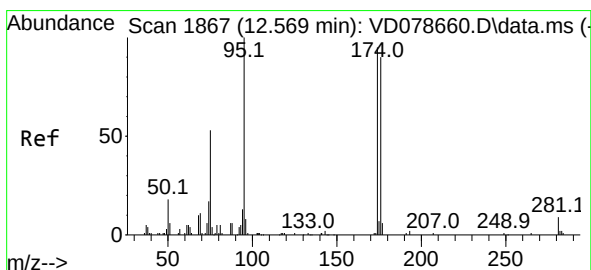
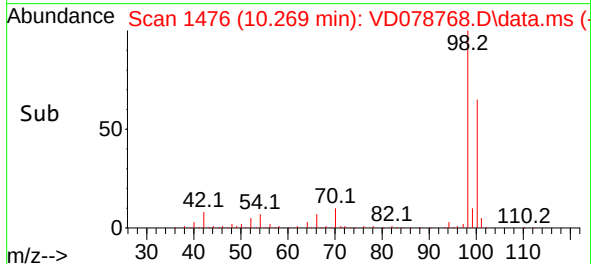
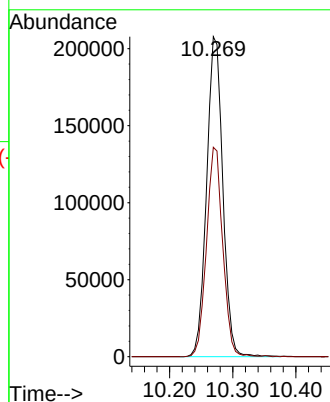
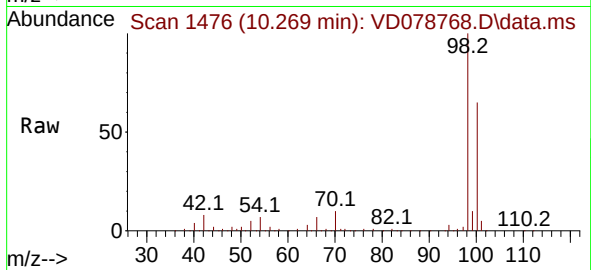




#50
Toluene-d8
Concen: 51.572 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078768.D
Acq: 28 Mar 2024 12:13

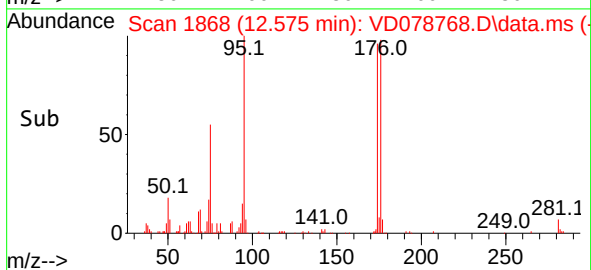
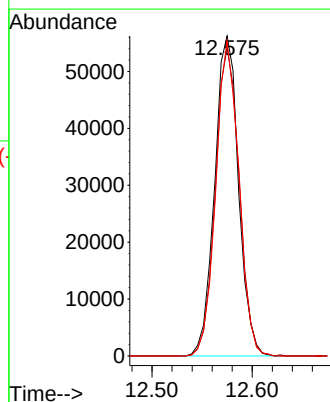
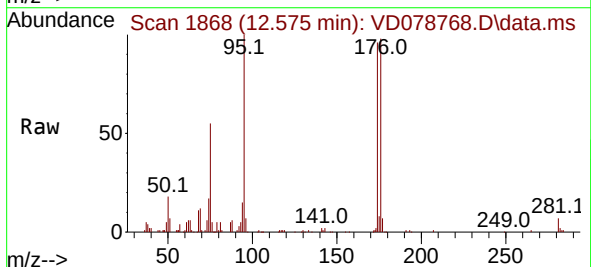
Instrument :
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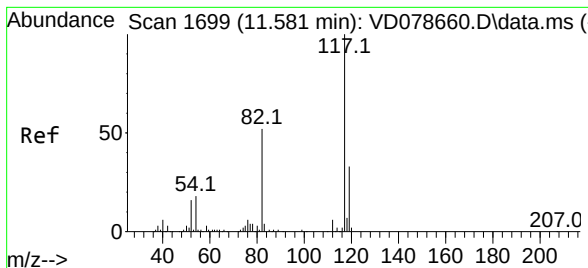
Tgt Ion: 98 Resp: 370696
Ion Ratio Lower Upper
98 100
100 65.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.128 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078768.D
Acq: 28 Mar 2024 12:13

Tgt Ion: 95 Resp: 92796
Ion Ratio Lower Upper
95 100
174 96.3 0.0 195.2
176 95.2 0.0 188.2

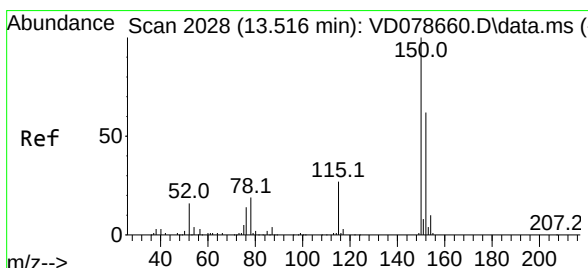
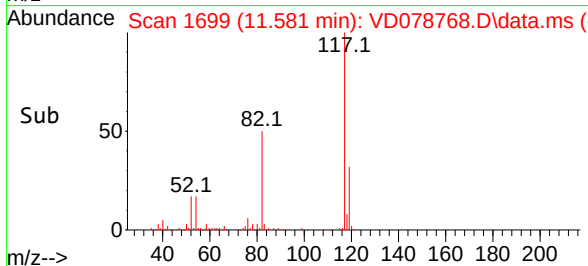
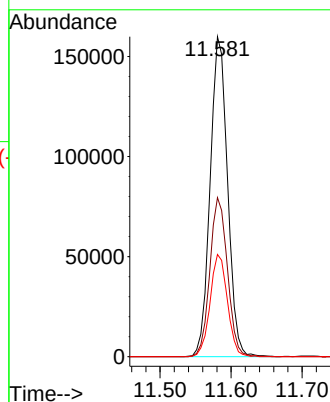
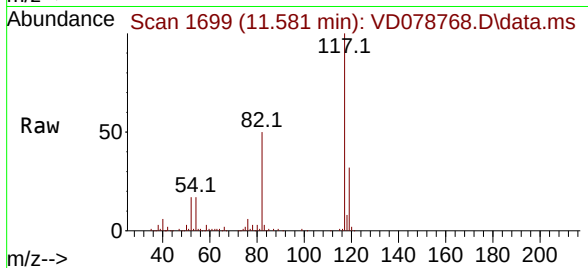




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078768.D
Acq: 28 Mar 2024 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

Tgt Ion:117 Resp: 271962
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078768.D
Acq: 28 Mar 2024 12:13

Tgt Ion:152 Resp: 115921
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.2
150 158.7 0.0 350.2

