

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074763.D
 Acq On : 07 Nov 2022 16:05
 Operator : VA/SY
 Sample : N5494-07
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16

Quant Time: Nov 08 00:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	226776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80841	68.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.420%
35) Dibromofluoromethane	7.805	113	104007	77.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.060%#
50) Toluene-d8	10.269	98	317071	64.797	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.600%
62) 4-Bromofluorobenzene	12.575	95	95467	67.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.140%

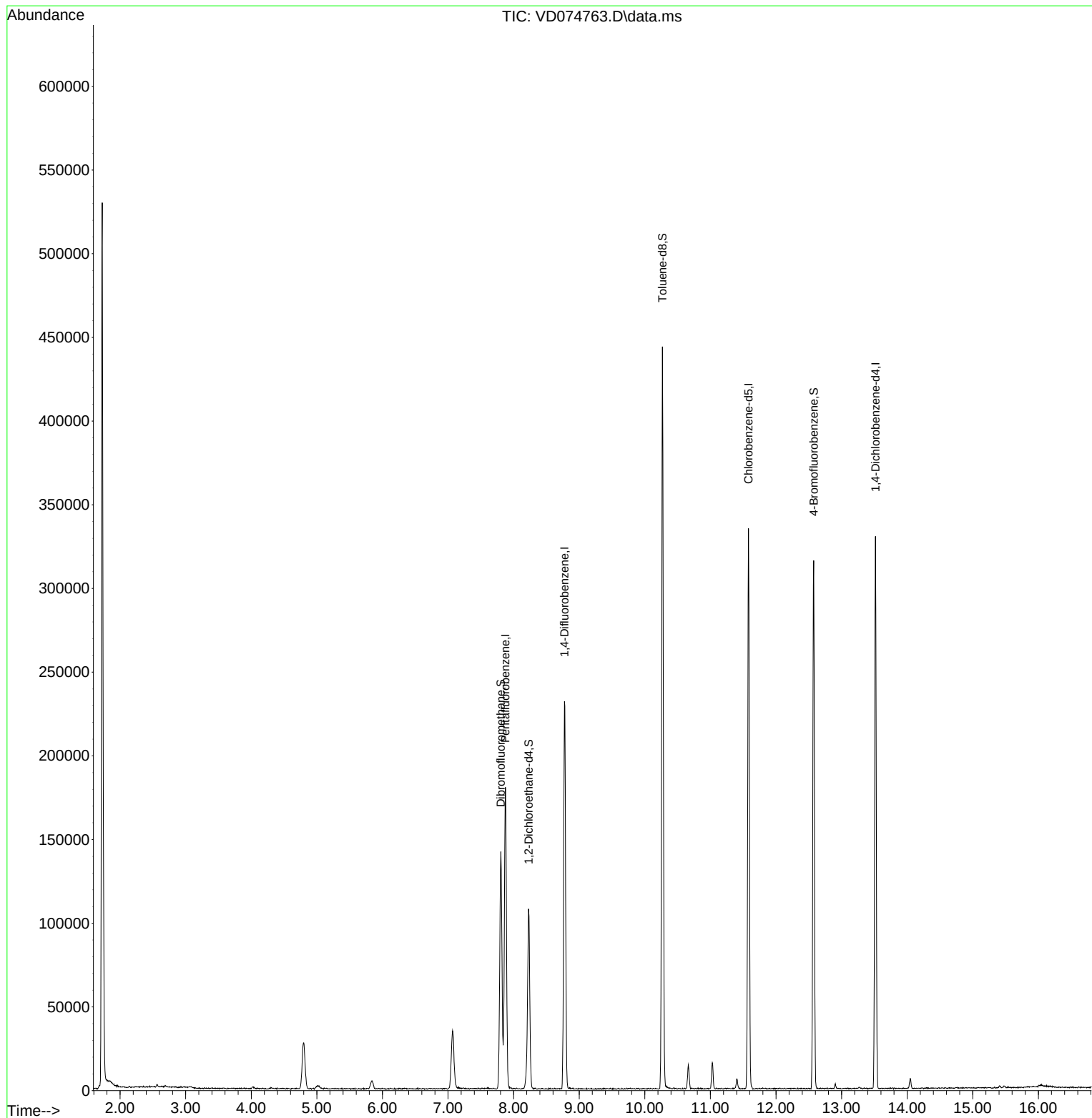
Target Compounds	Qvalue

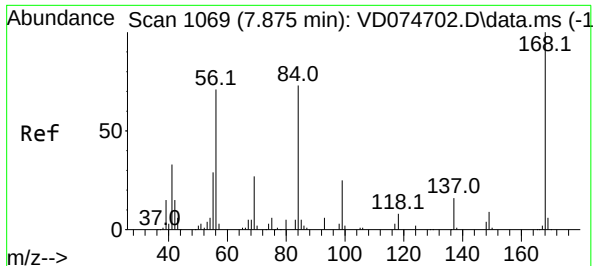
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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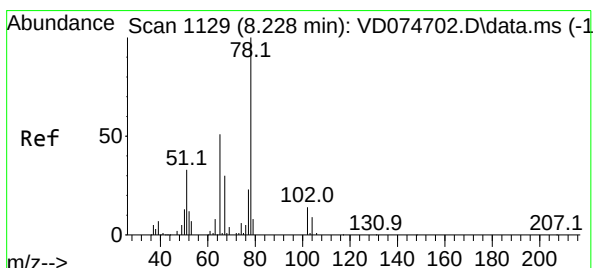
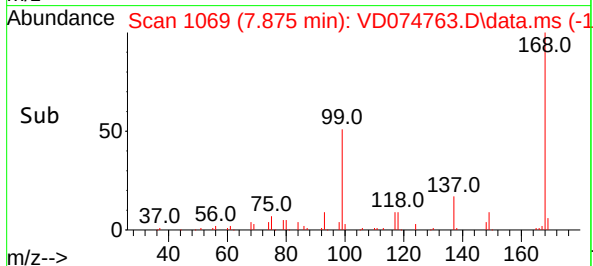
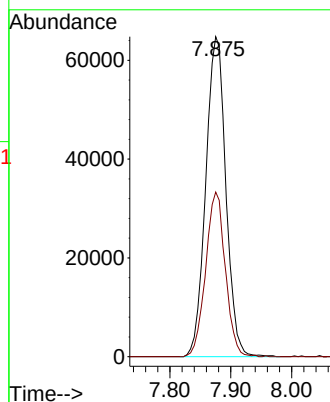
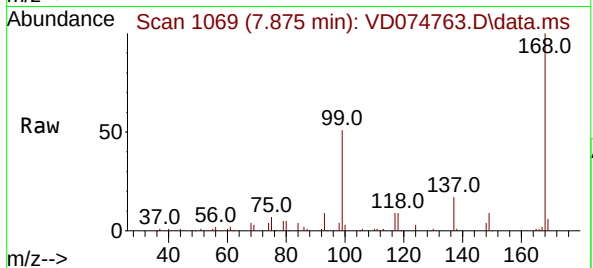




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074763.D
Acq: 07 Nov 2022 16:05

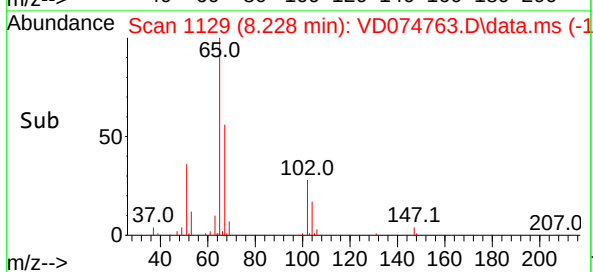
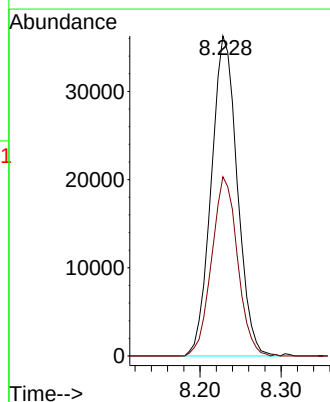
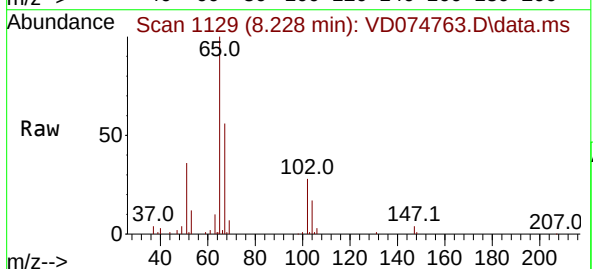
Instrument :
MSVOA_D
ClientSampleId :
SB-16

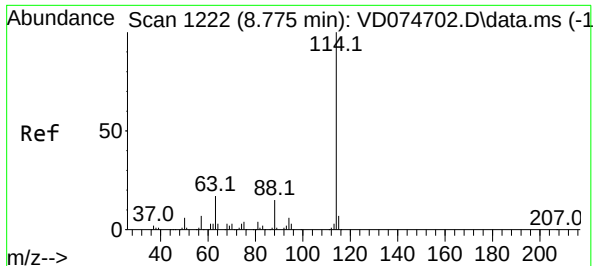
Tgt Ion:168 Resp: 148561
Ion Ratio Lower Upper
168 100
99 51.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 68.705 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074763.D
Acq: 07 Nov 2022 16:05

Tgt Ion: 65 Resp: 80841
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074763.D

Acq: 07 Nov 2022 16:05

Instrument :

MSVOA_D

ClientSampleId :

SB-16

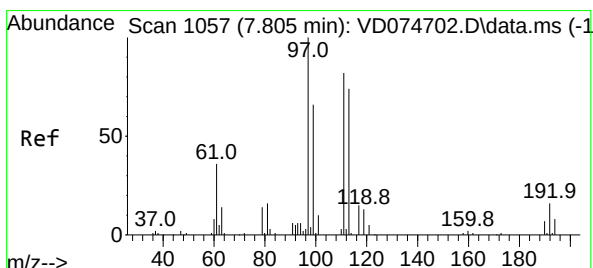
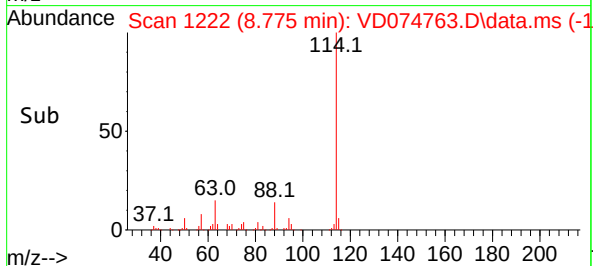
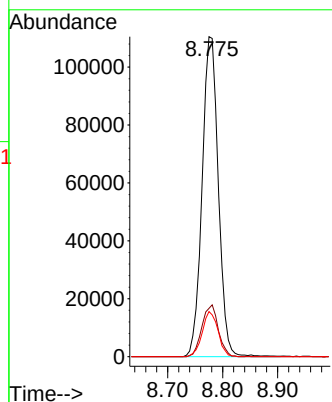
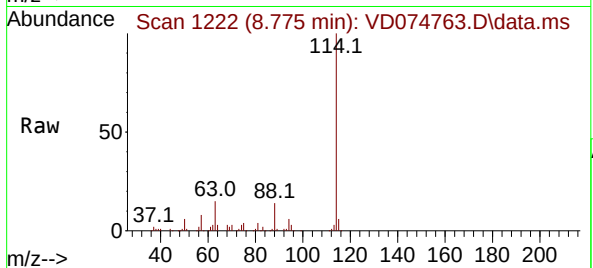
Tgt Ion:114 Resp: 226776

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 77.532 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074763.D

Acq: 07 Nov 2022 16:05

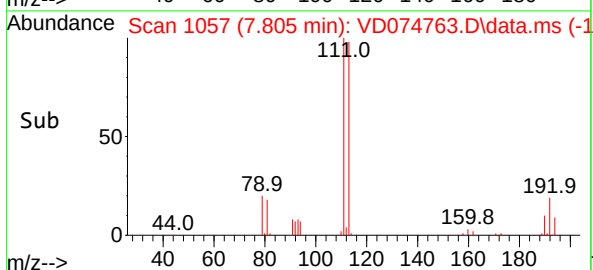
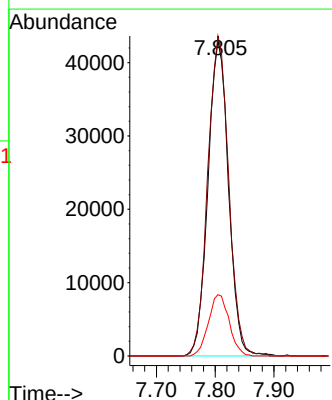
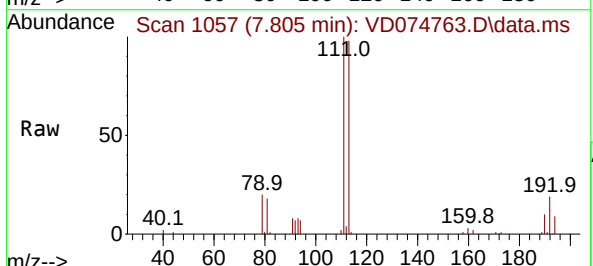
Tgt Ion:113 Resp: 104007

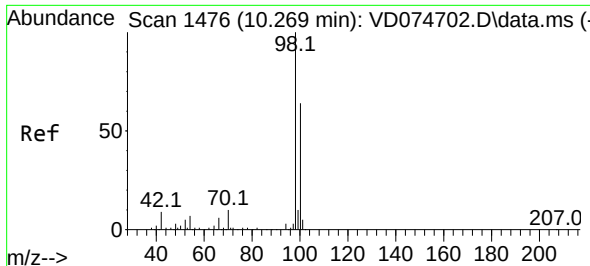
Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

192 19.7 16.4 24.6

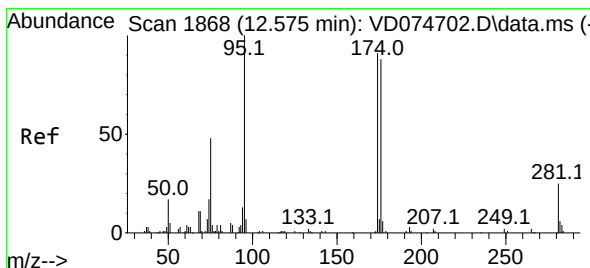
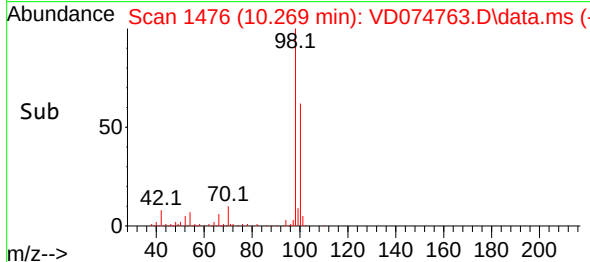
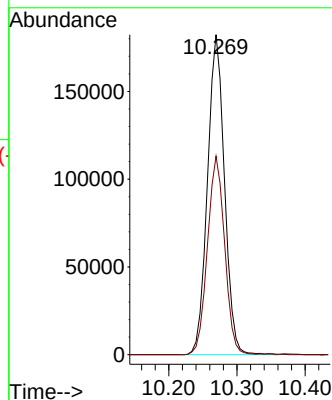
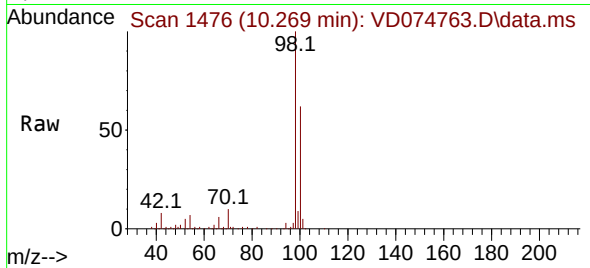




#50
Toluene-d8
Concen: 64.797 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074763.D
Acq: 07 Nov 2022 16:05

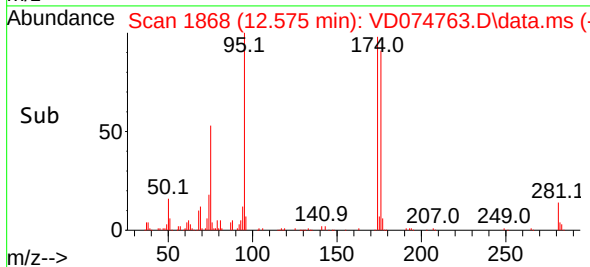
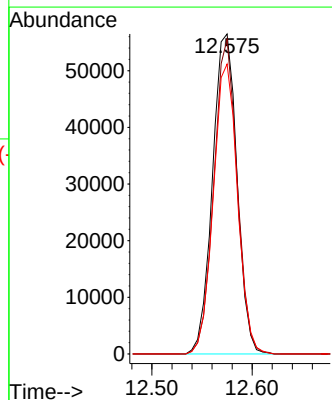
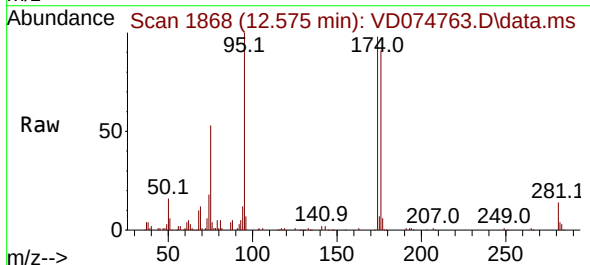
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SB-16

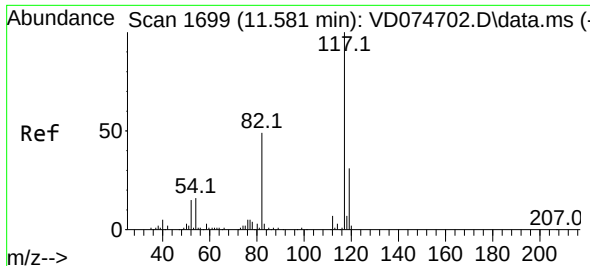
Tgt Ion: 98 Resp: 317071
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 67.570 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074763.D
Acq: 07 Nov 2022 16:05

Tgt Ion: 95 Resp: 95467
Ion Ratio Lower Upper
95 100
174 93.7 0.0 197.0
176 89.5 0.0 182.6

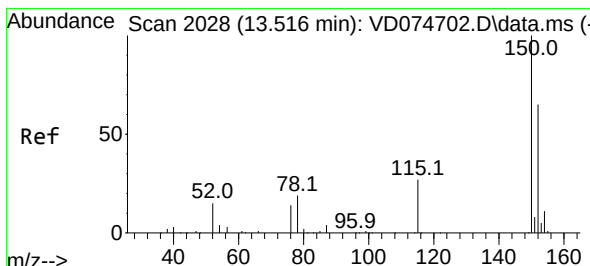
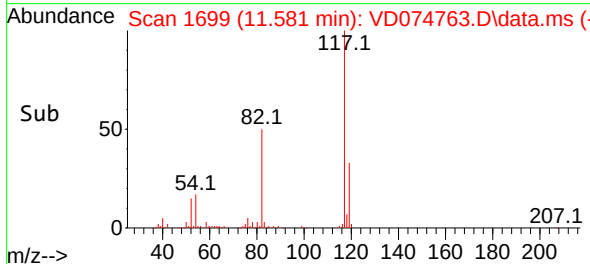
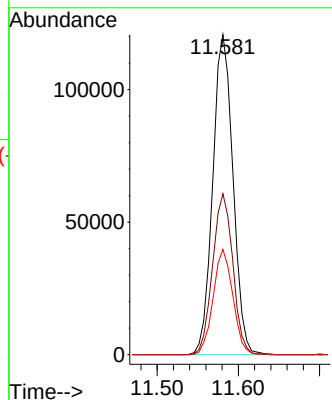
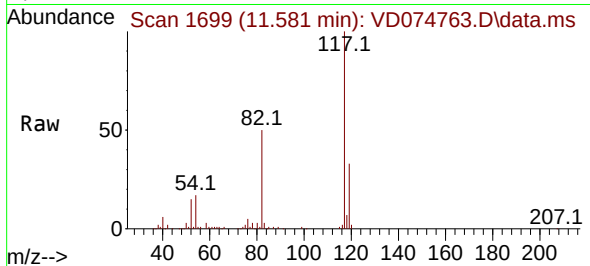




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074763.D
Acq: 07 Nov 2022 16:05

Instrument :
MSVOA_D
ClientSampleId :
SB-16

Tgt Ion:117 Resp: 208992
Ion Ratio Lower Upper
117 100
82 50.3 41.6 62.4
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074763.D
Acq: 07 Nov 2022 16:05

Tgt Ion:152 Resp: 94103
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 158.6 0.0 348.2

