

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074846.D
 Acq On : 10 Nov 2022 01:20
 Operator : VA/SY
 Sample : N5501-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-4-110722

Quant Time: Nov 10 01:39:08 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	210634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	339700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79943	47.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.840%
35) Dibromofluoromethane	7.810	113	106144	52.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.640%
50) Toluene-d8	10.269	98	289505	39.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.000%
62) 4-Bromofluorobenzene	12.575	95	86254	40.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.520%

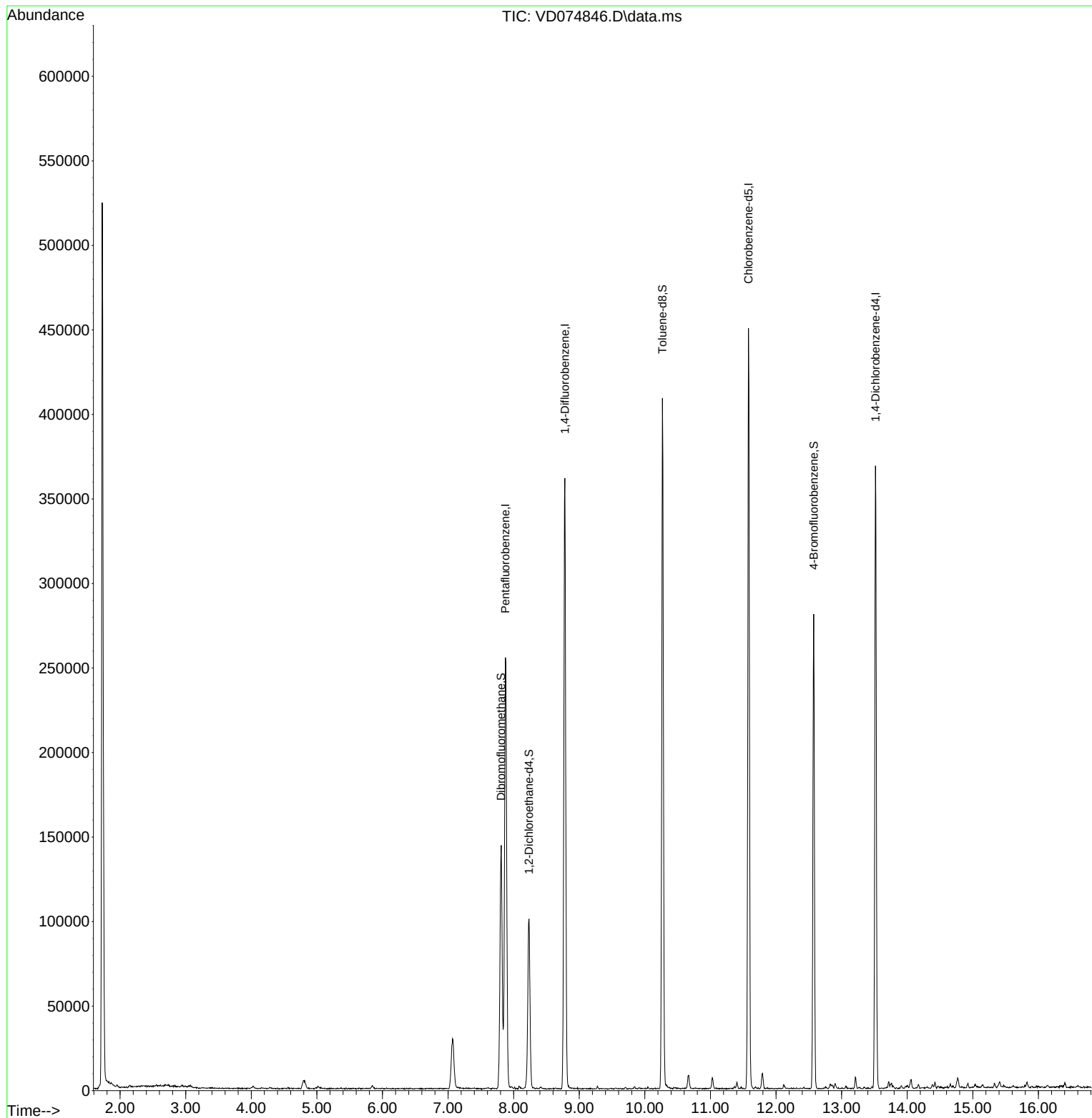
Target Compounds	Qvalue

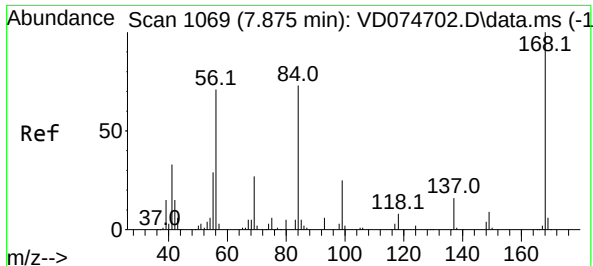
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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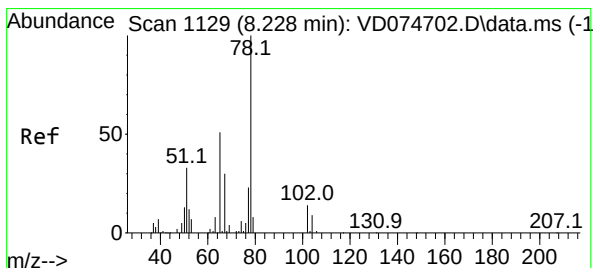
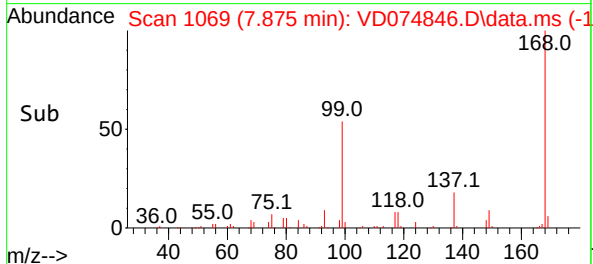
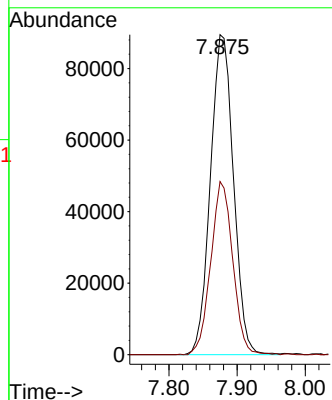
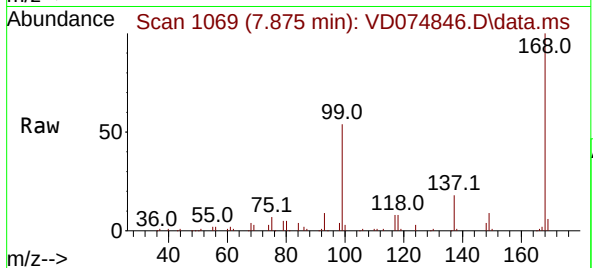




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

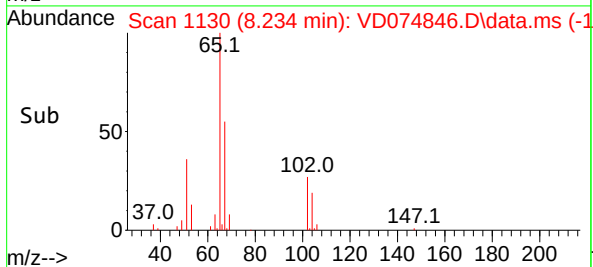
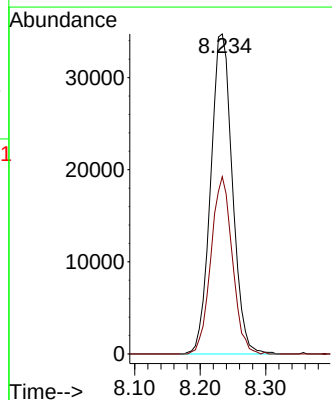
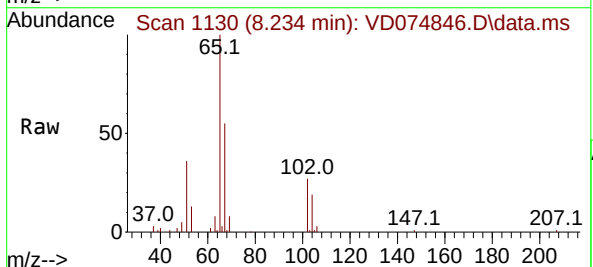
Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

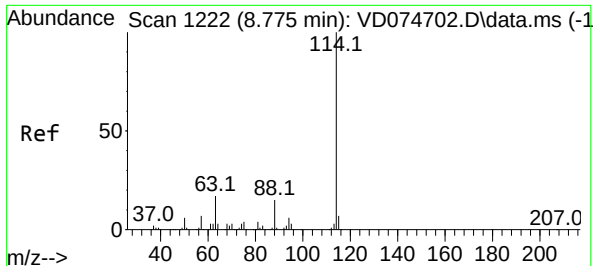
Tgt Ion:168 Resp: 210634
Ion Ratio Lower Upper
168 100
99 54.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 47.920 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion: 65 Resp: 79943
Ion Ratio Lower Upper
65 100
67 54.4 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: VD074846.D

Acq: 10 Nov 2022 01:20

Instrument :

MSVOA_D

ClientSampleId :

HS-4-110722

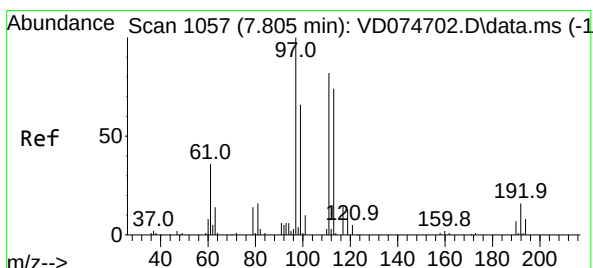
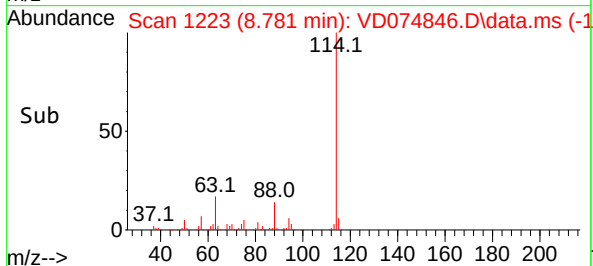
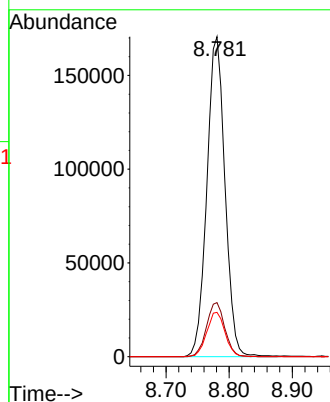
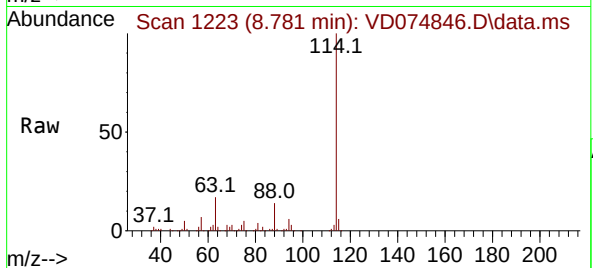
Tgt Ion:114 Resp: 339700

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.822 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074846.D

Acq: 10 Nov 2022 01:20

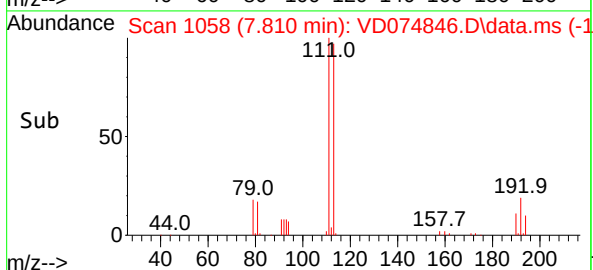
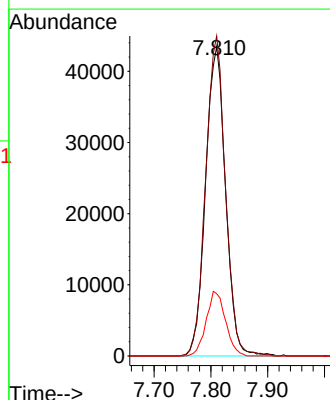
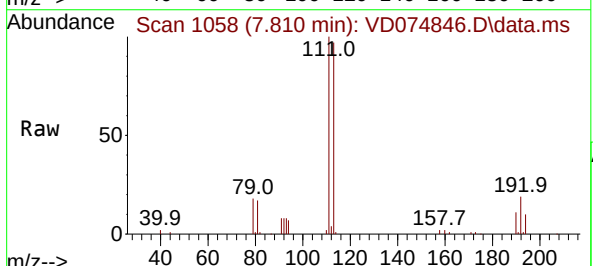
Tgt Ion:113 Resp: 106144

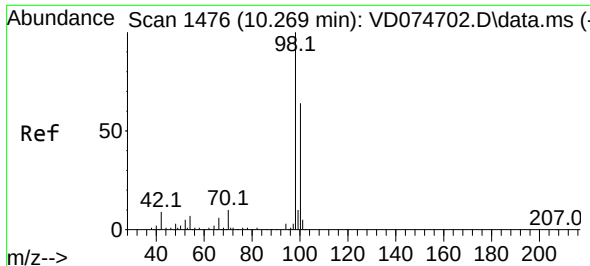
Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 20.2 16.4 24.6

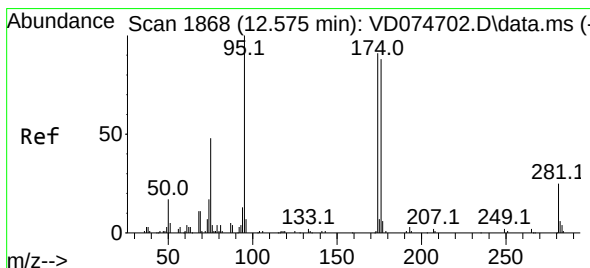
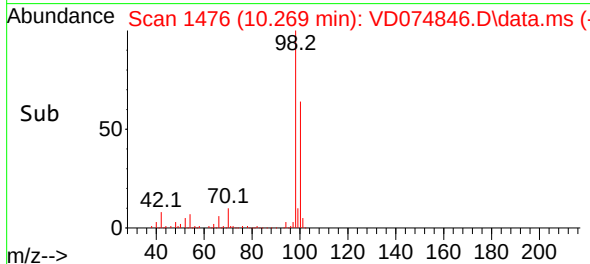
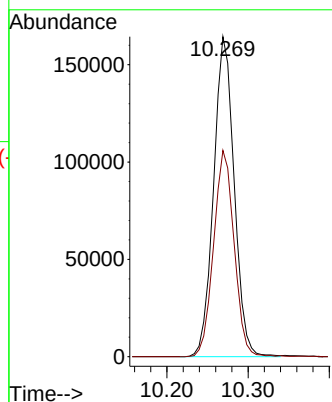
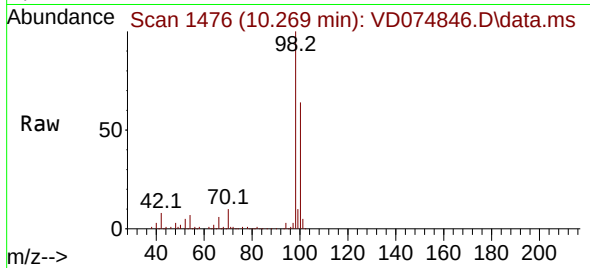




#50
Toluene-d8
Concen: 39.496 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

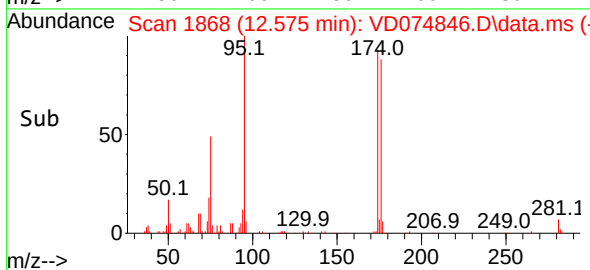
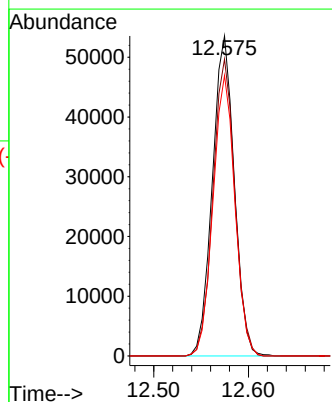
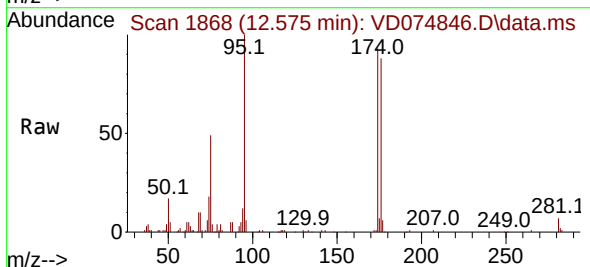
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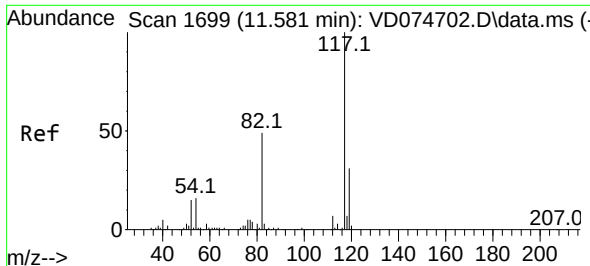
Tgt Ion: 98 Resp: 289505
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.755 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion: 95 Resp: 86254
Ion Ratio Lower Upper
95 100
174 92.0 0.0 197.0
176 87.4 0.0 182.6

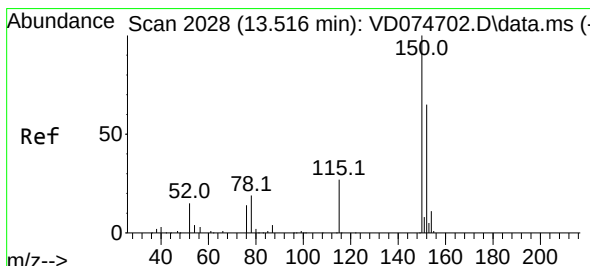
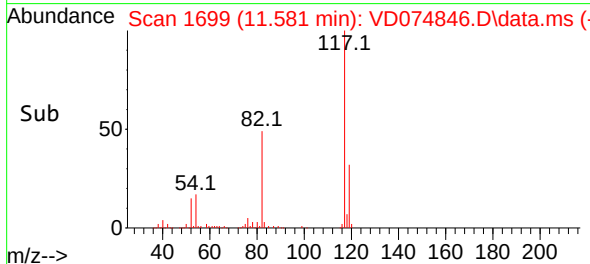
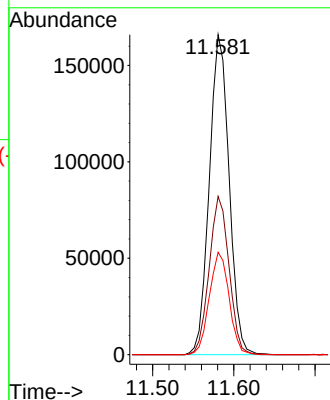
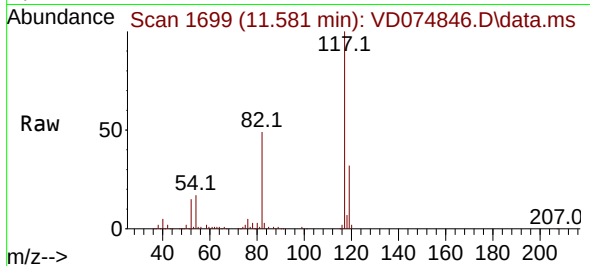




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

Tgt Ion:117 Resp: 280705
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 32.0 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: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion:152 Resp: 105797
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 159.8 0.0 348.2

