

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074718.D
 Acq On : 03 Nov 2022 16:32
 Operator : VA/SY
 Sample : N5396-13
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-I

Quant Time: Nov 04 00:03:03 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	146669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	260604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	205142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74682	64.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.580%
35) Dibromofluoromethane	7.810	113	89843	58.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.560%
50) Toluene-d8	10.269	98	274786	48.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.575	95	80239	49.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.840%

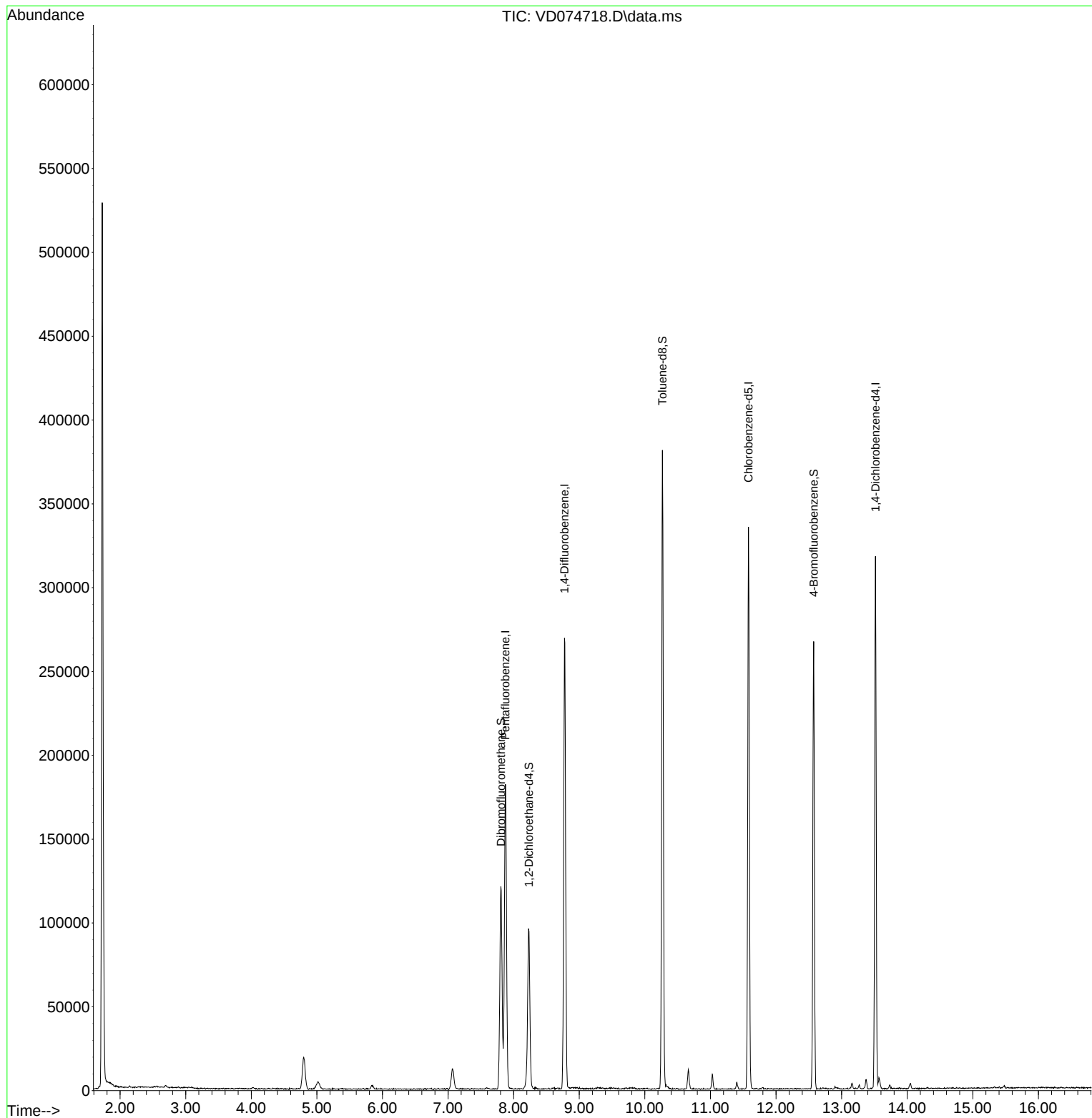
Target Compounds	Qvalue

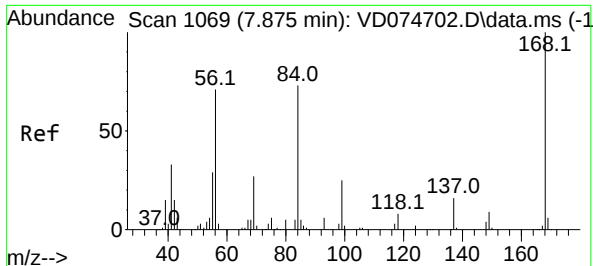
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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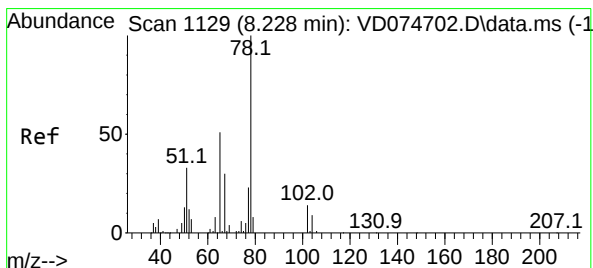
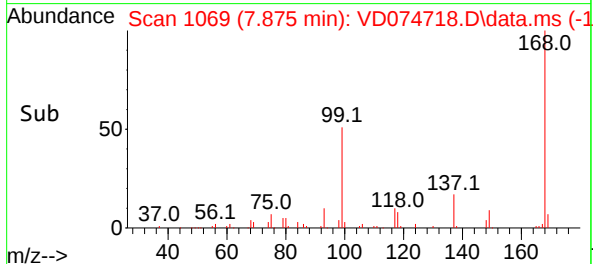
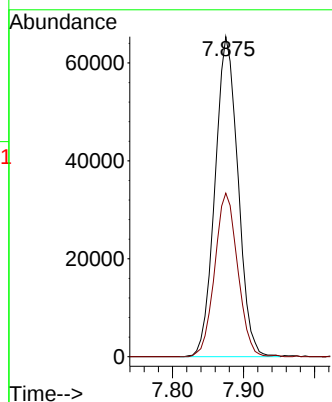
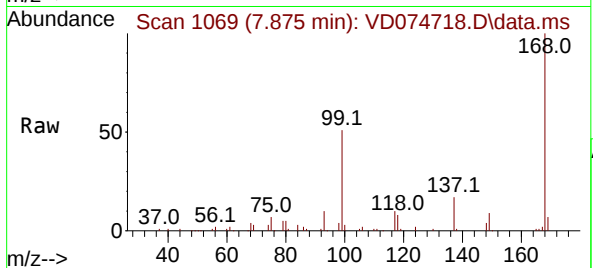




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

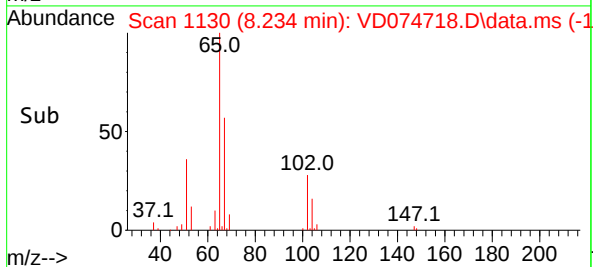
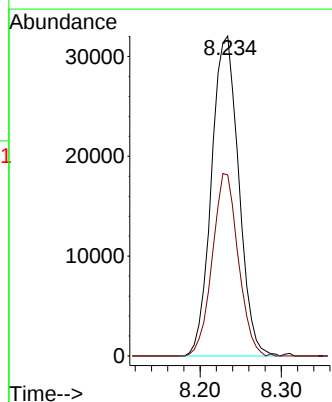
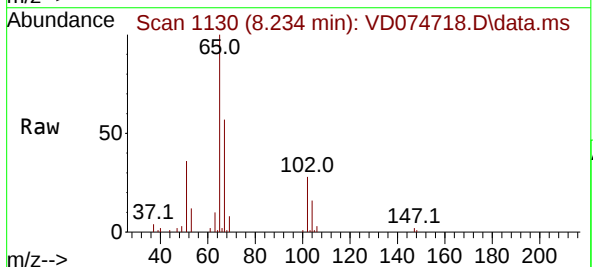
Instrument :
MSVOA_D
ClientSampleId :
TP-I

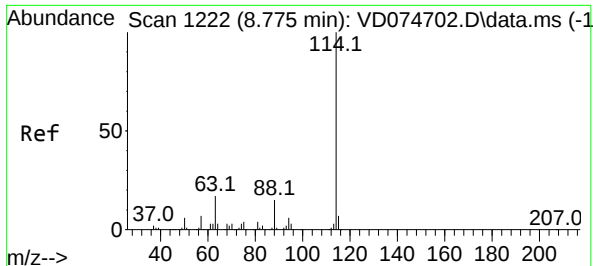
Tgt Ion:168 Resp: 146669
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 64.290 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

Tgt Ion: 65 Resp: 74682
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074718.D

Acq: 03 Nov 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

TP-I

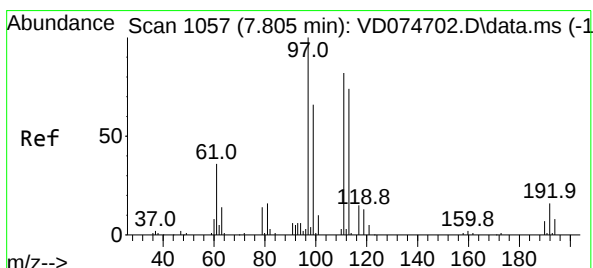
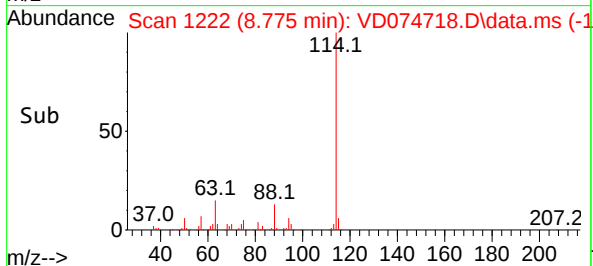
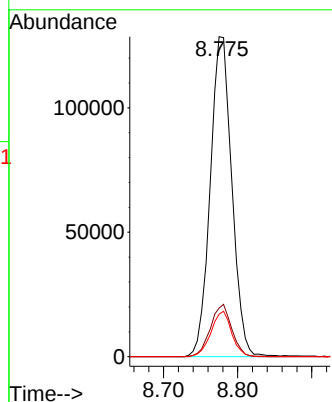
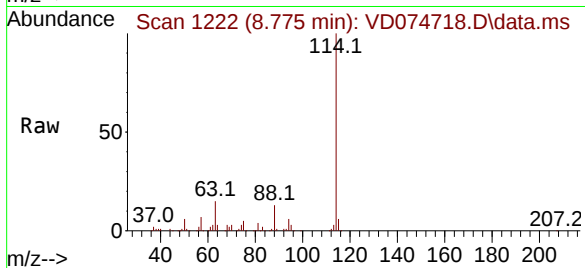
Tgt Ion:114 Resp: 260604

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.280 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074718.D

Acq: 03 Nov 2022 16:32

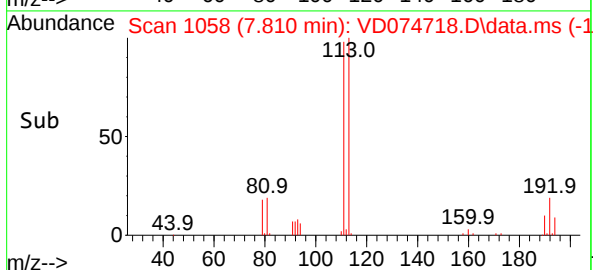
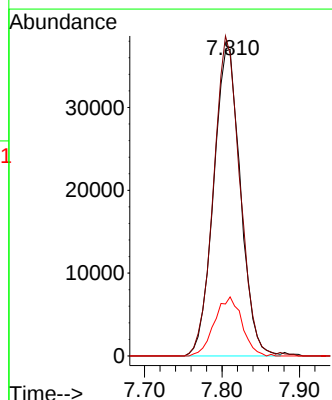
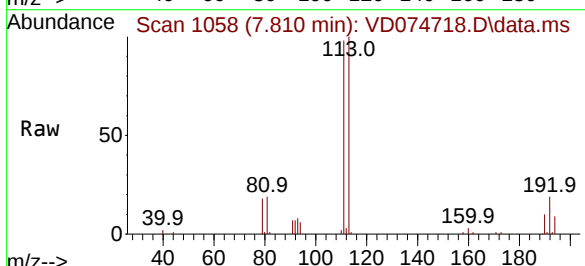
Tgt Ion:113 Resp: 89843

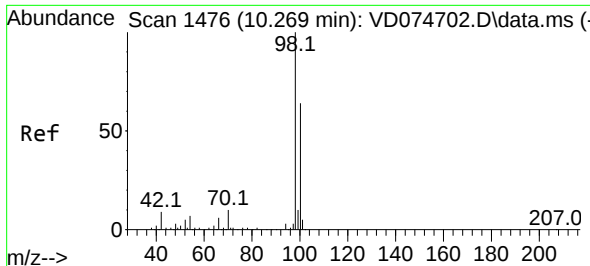
Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

192 19.5 16.4 24.6

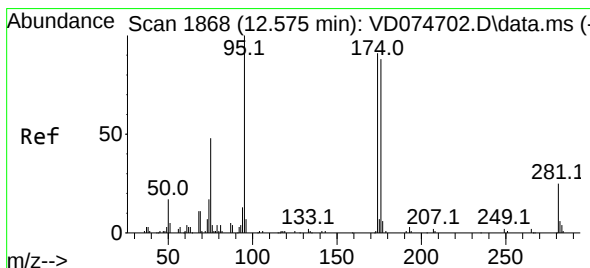
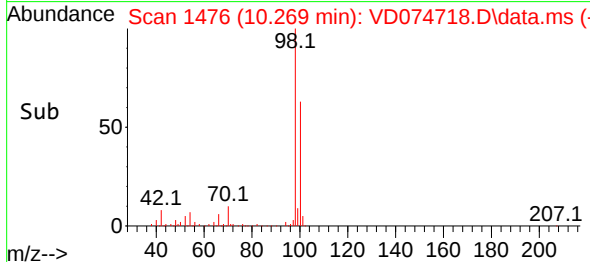
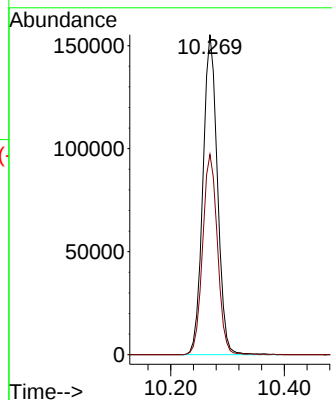
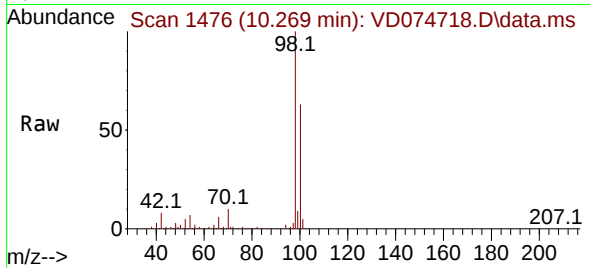




#50
Toluene-d8
Concen: 48.866 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

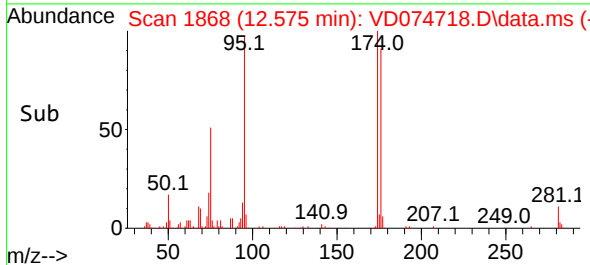
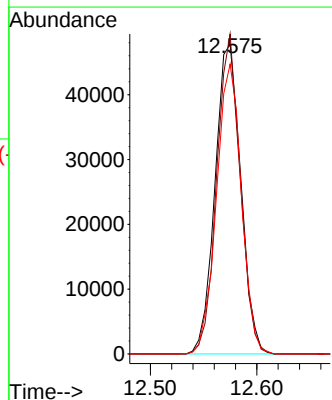
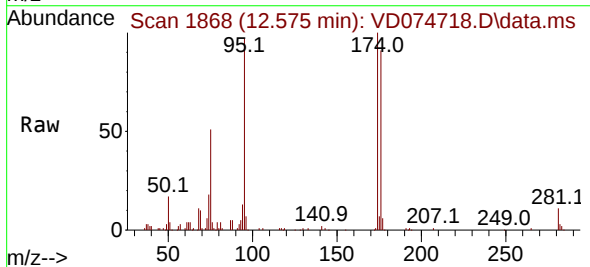
Instrument :
MSVOA_D
ClientSampleId :
TP-I

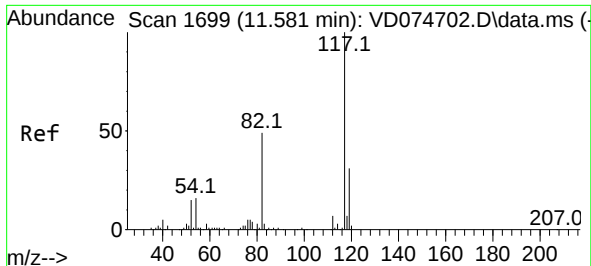
Tgt Ion: 98 Resp: 274786
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.420 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

Tgt Ion: 95 Resp: 80239
Ion Ratio Lower Upper
95 100
174 93.8 0.0 197.0
176 90.4 0.0 182.6

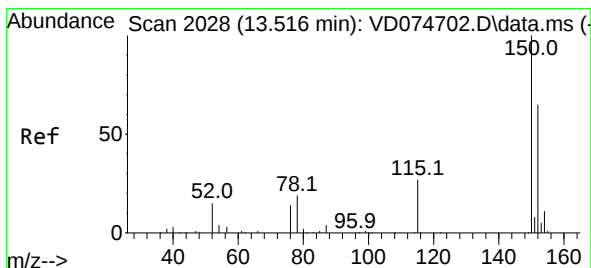
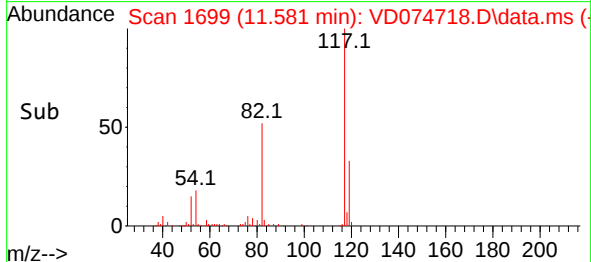
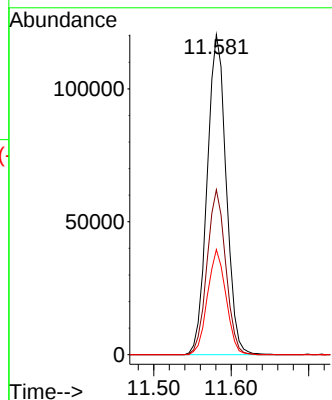
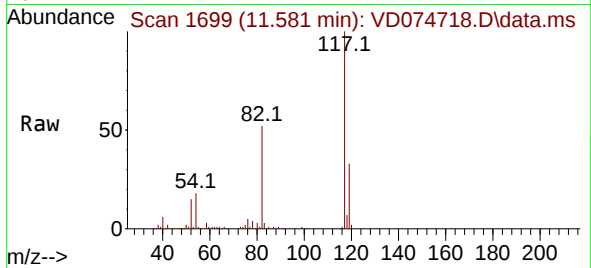




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074718.D
Acq: 03 Nov 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :
TP-I

Tgt Ion:117 Resp: 205142
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 32.8 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: VD074718.D
Acq: 03 Nov 2022 16:32

Tgt Ion:152 Resp: 87990
Ion Ratio Lower Upper
152 100
115 56.2 26.8 80.4
150 157.5 0.0 348.2

