

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074771.D
 Acq On : 07 Nov 2022 19:50
 Operator : VA/SY
 Sample : N5461-02
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G2

Quant Time: Nov 08 00:23:16 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	134197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80612	75.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.680%
35) Dibromofluoromethane	7.805	113	97687	78.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	156.740%#
50) Toluene-d8	10.269	98	272830	60.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.000%
62) 4-Bromofluorobenzene	12.575	95	75324	57.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.760%

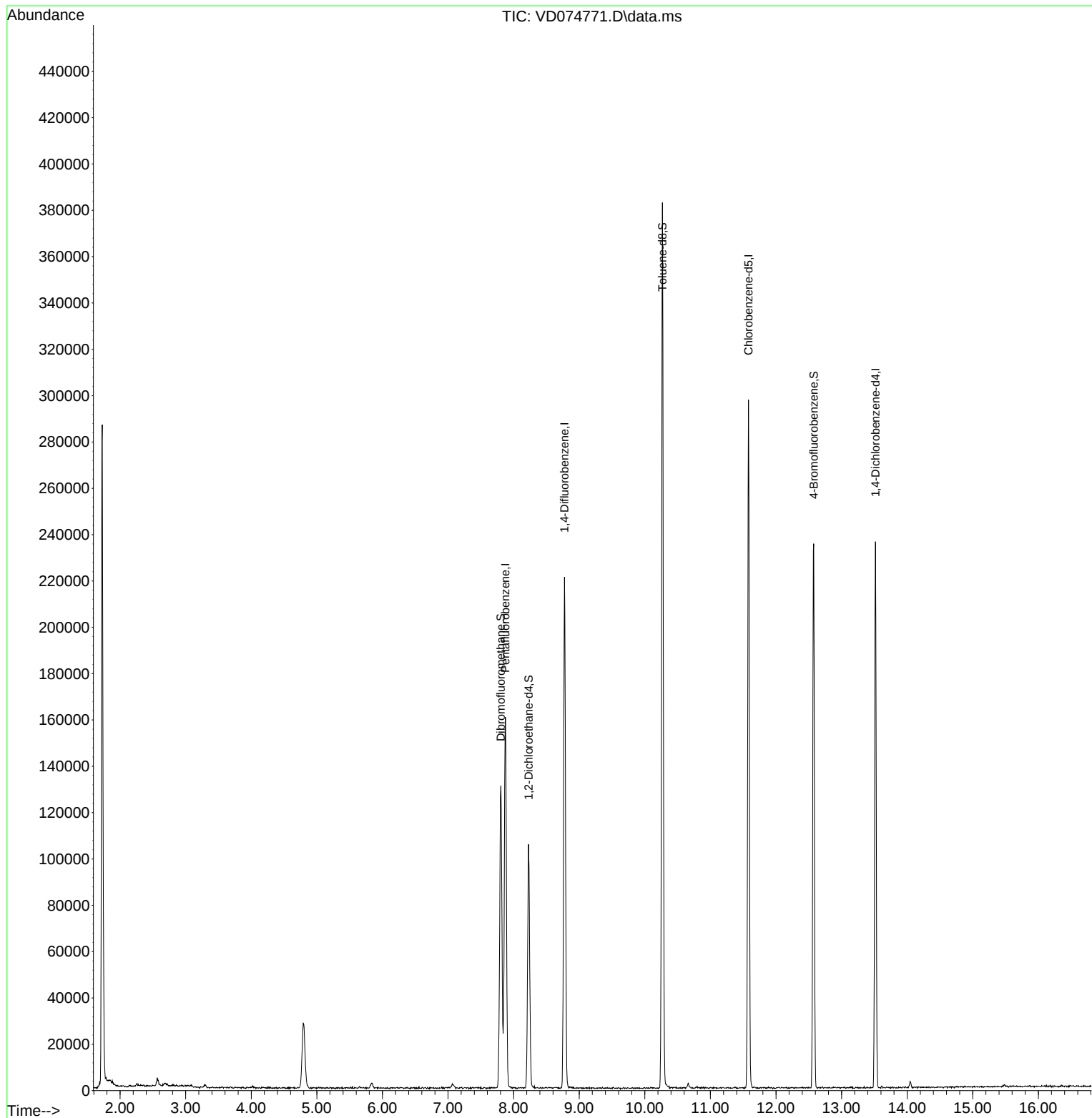
Target Compounds	Qvalue

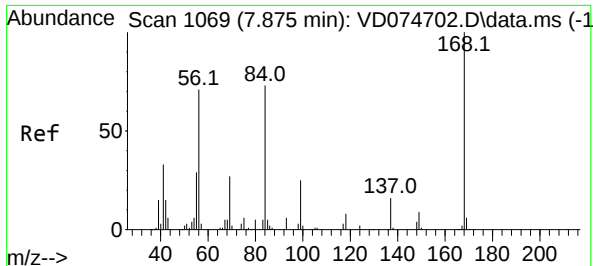
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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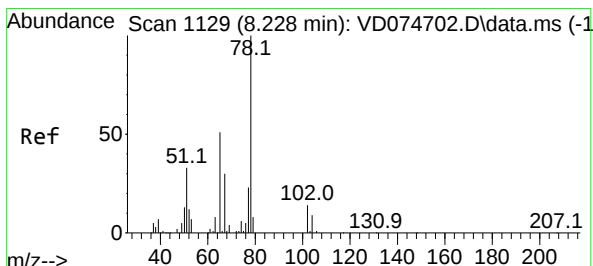
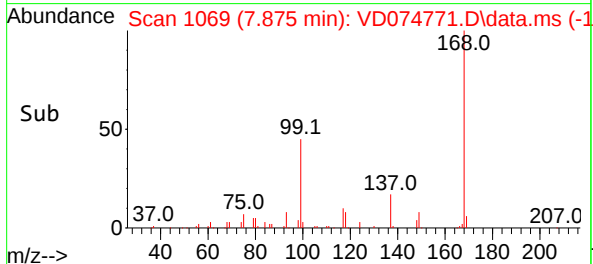
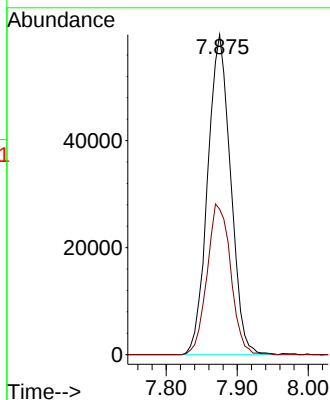
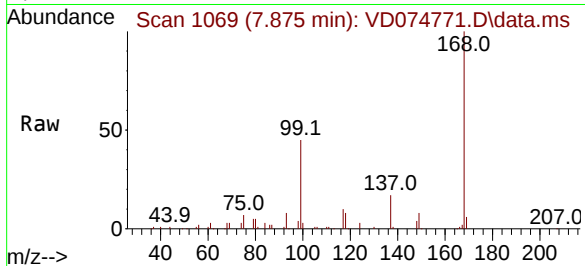




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

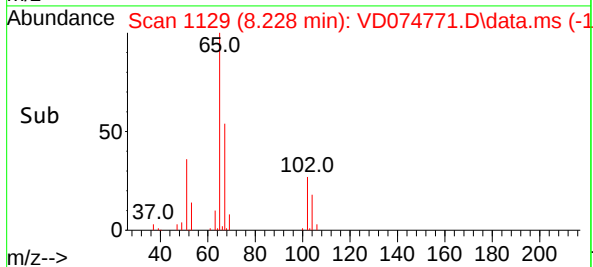
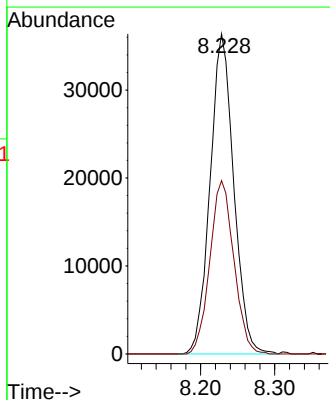
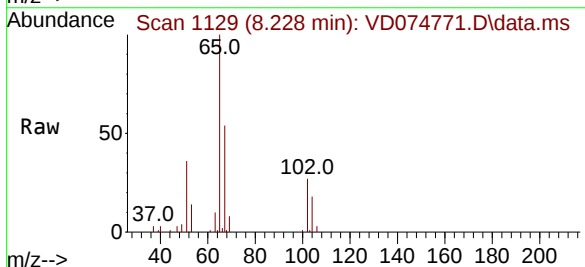
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G2

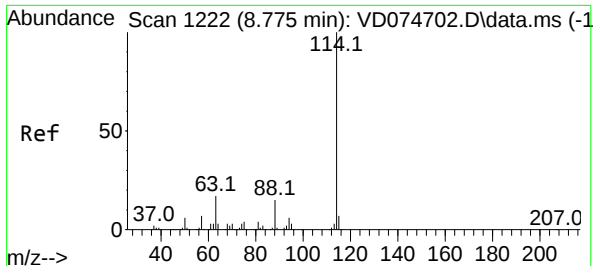
Tgt Ion:168 Resp: 134197
Ion Ratio Lower Upper
168 100
99 45.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 75.844 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion: 65 Resp: 80612
Ion Ratio Lower Upper
65 100
67 54.9 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: VD074771.D

Acq: 07 Nov 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

TJRC-110222-G2

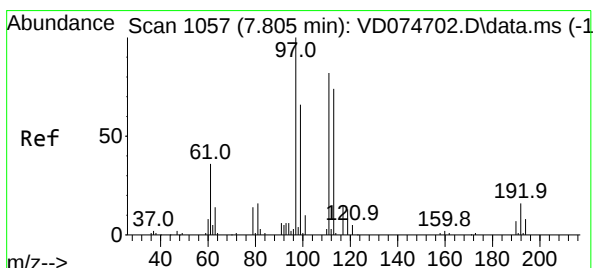
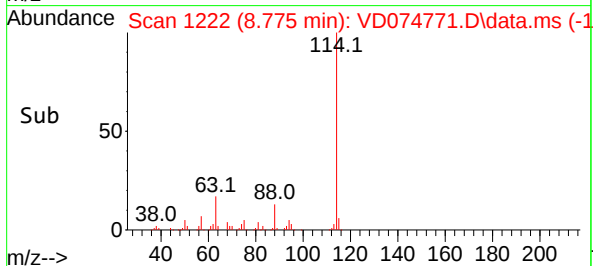
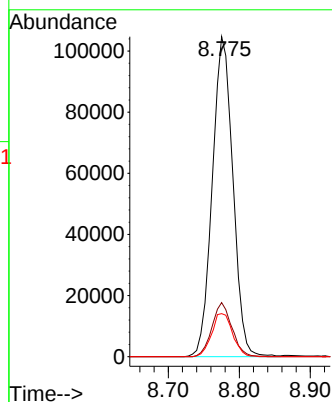
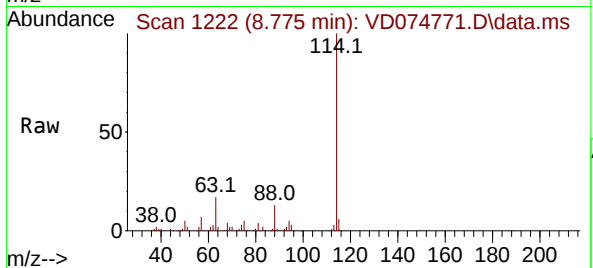
Tgt Ion:114 Resp: 210719

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 13.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 78.370 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074771.D

Acq: 07 Nov 2022 19:50

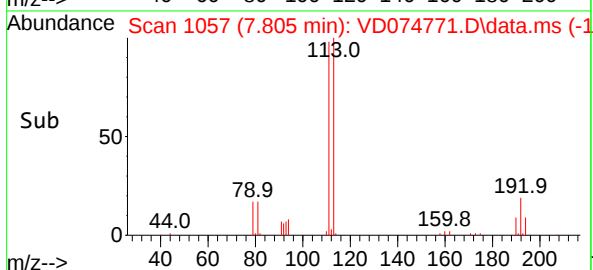
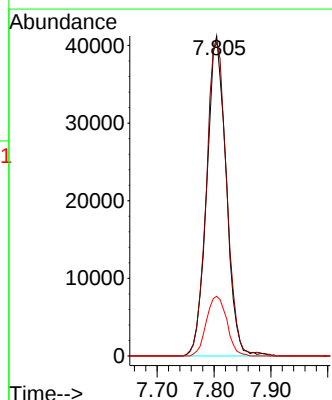
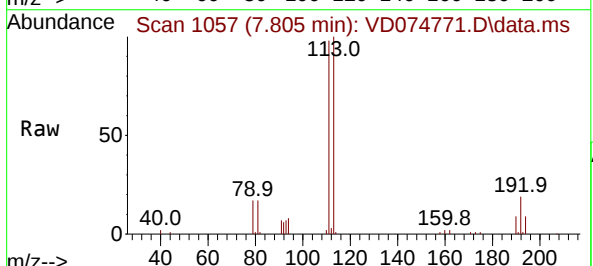
Tgt Ion:113 Resp: 97687

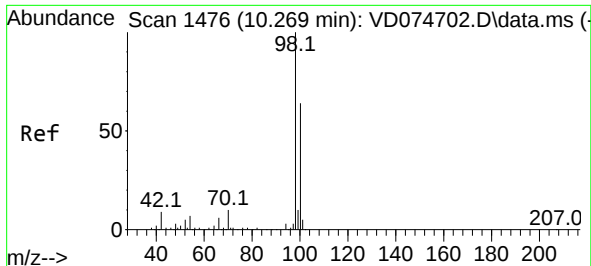
Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 19.7 16.4 24.6

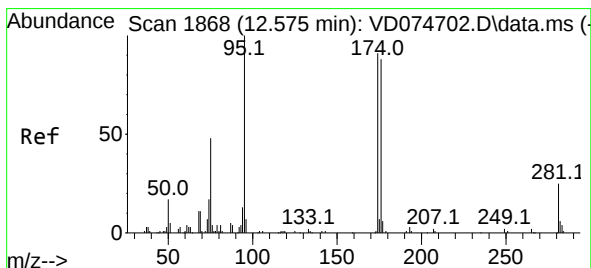
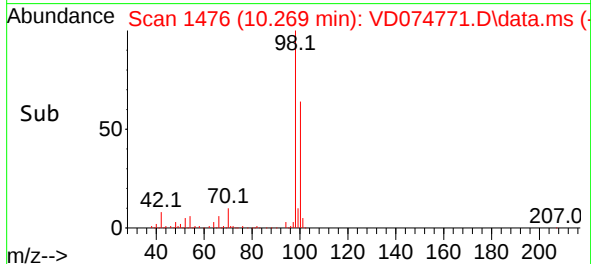
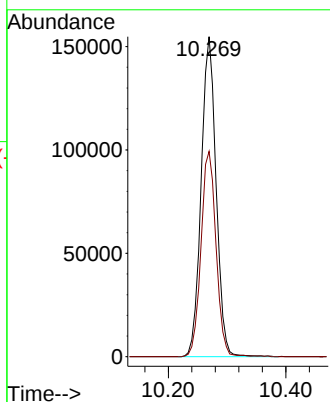
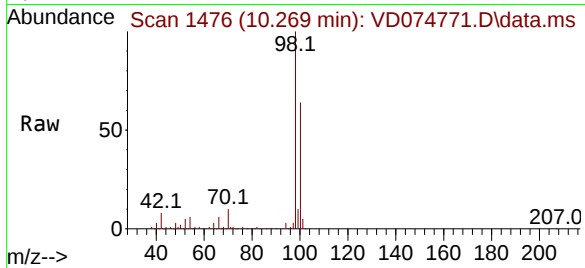




#50
Toluene-d8
Concen: 60.005 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

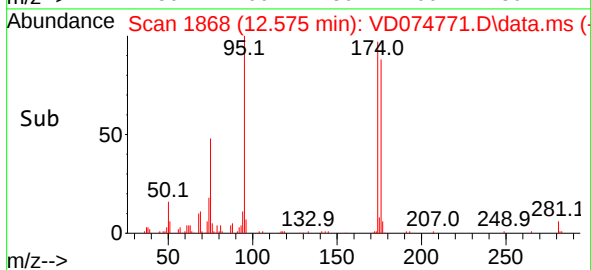
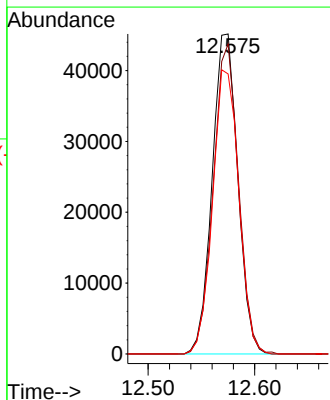
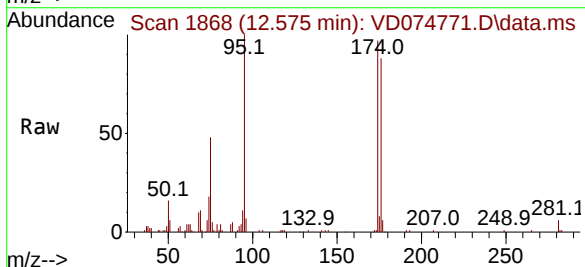
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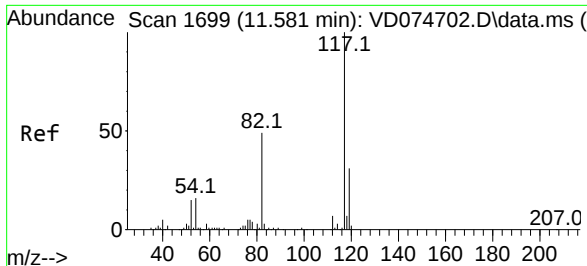
Tgt Ion: 98 Resp: 272830
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 57.376 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion: 95 Resp: 75324
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.0
176 90.9 0.0 182.6

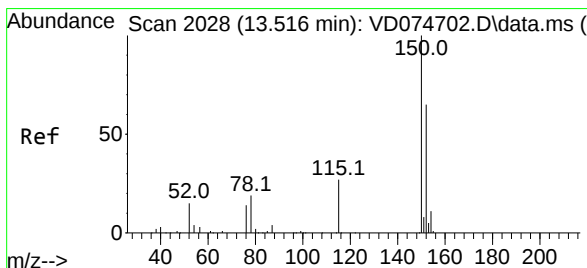
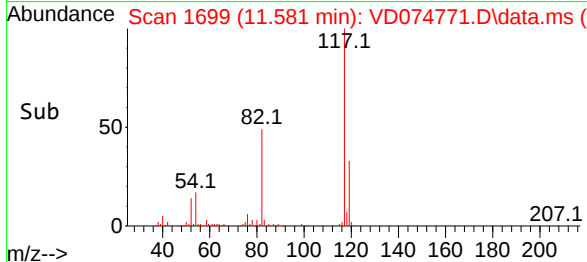
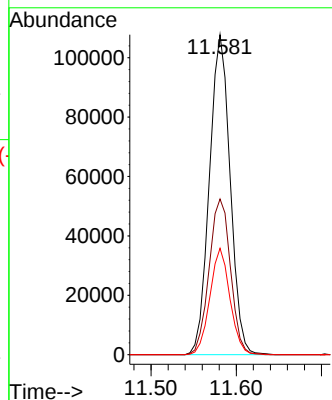
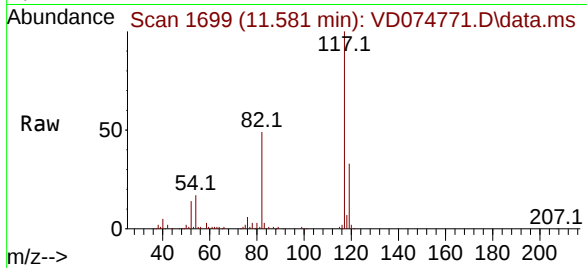




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074771.D
Acq: 07 Nov 2022 19:50

Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G2

Tgt Ion:117 Resp: 182263
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 33.3 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: VD074771.D
Acq: 07 Nov 2022 19:50

Tgt Ion:152 Resp: 67669
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 157.5 0.0 348.2

