

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074634.D
 Acq On : 25 Oct 2022 15:53
 Operator : VA/SY
 Sample : N5267-13
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-1024

Quant Time: Oct 27 01:22:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	102111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	182135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50190	64.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.760%
35) Dibromofluoromethane	7.805	113	64222	63.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.900%
50) Toluene-d8	10.269	98	243225	66.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.440%
62) 4-Bromofluorobenzene	12.569	95	80640	77.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	155.960%#

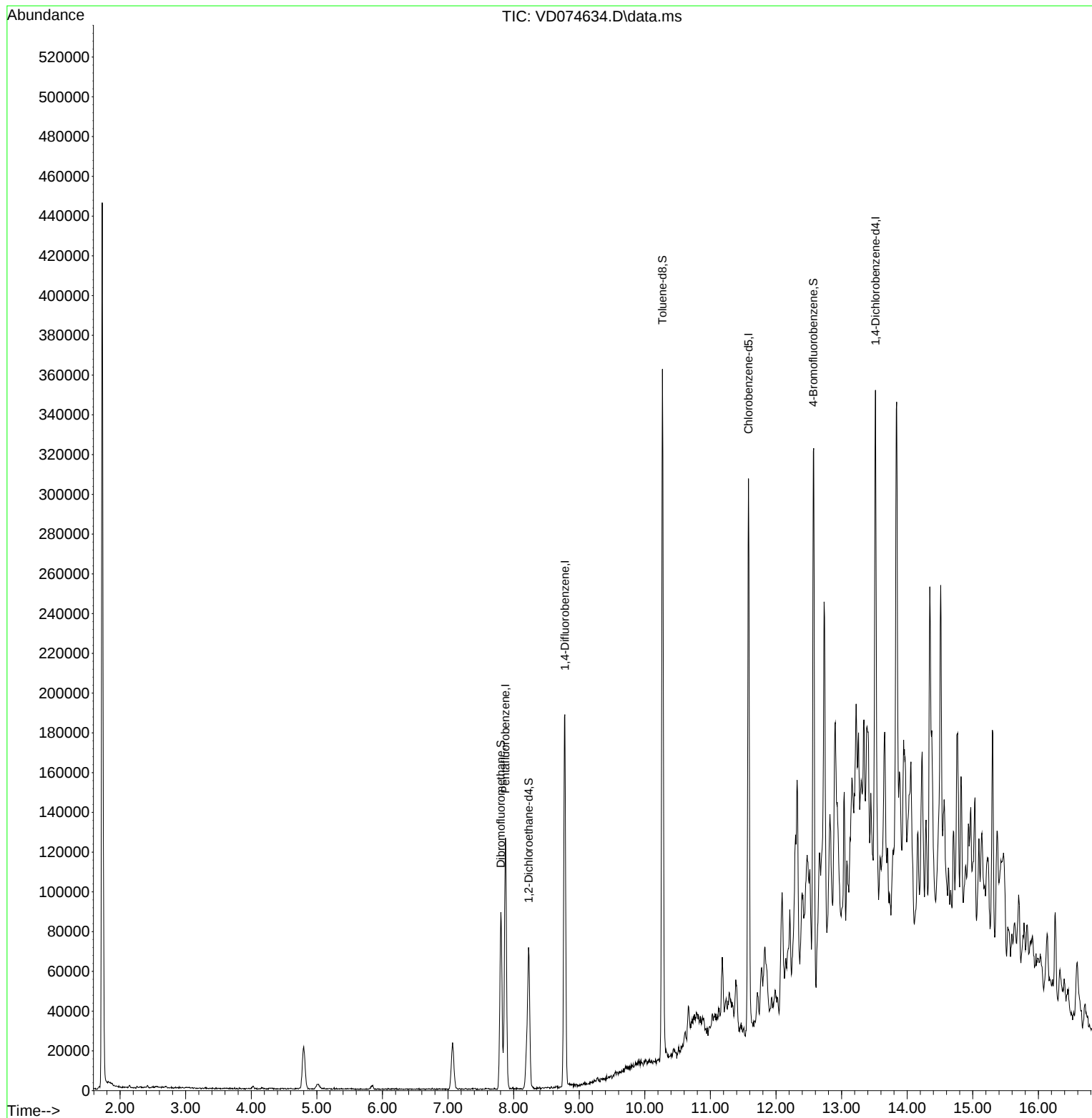
Target Compounds	Qvalue

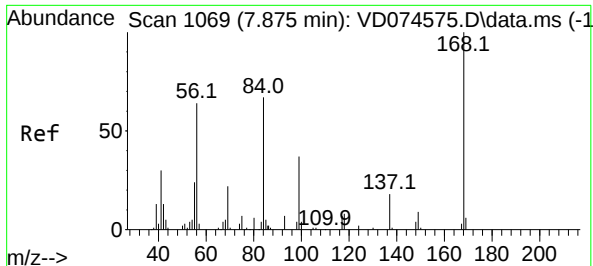
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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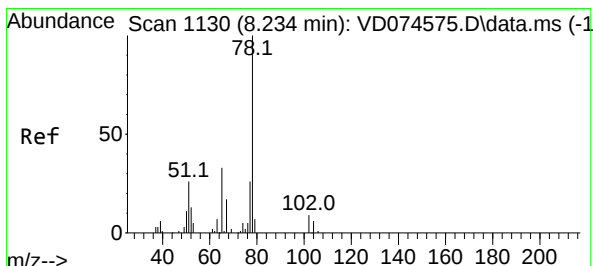
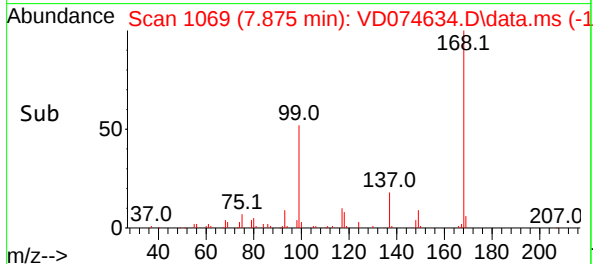
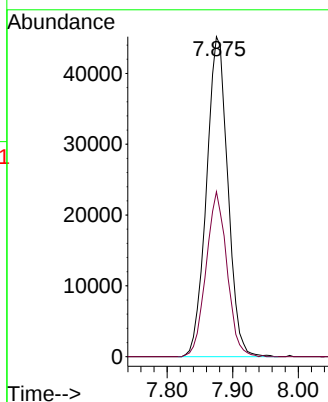
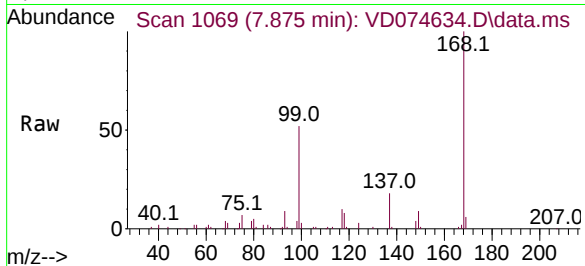




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074634.D
Acq: 25 Oct 2022 15:53

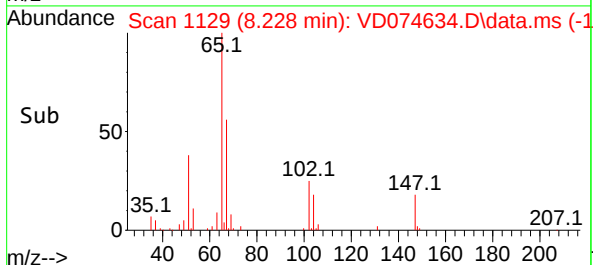
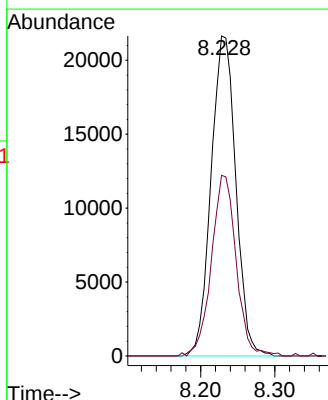
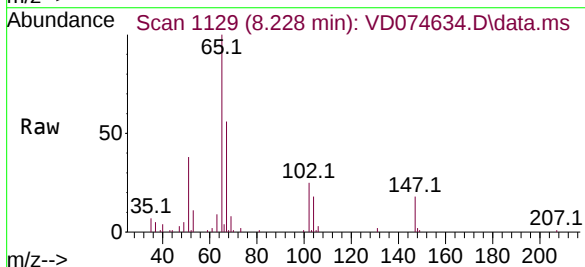
Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

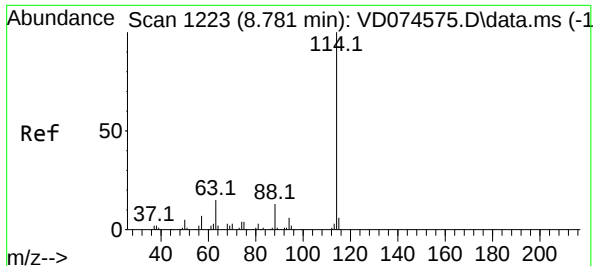
Tgt Ion:168 Resp: 102111
Ion Ratio Lower Upper
168 100
99 51.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 64.379 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074634.D
Acq: 25 Oct 2022 15:53

Tgt Ion: 65 Resp: 50190
Ion Ratio Lower Upper
65 100
67 56.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074634.D

Acq: 25 Oct 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

TP5-1024

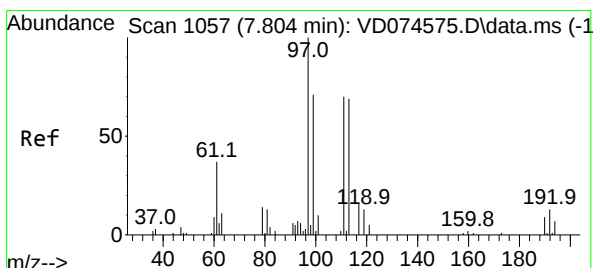
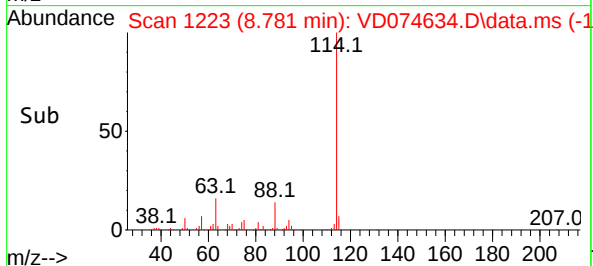
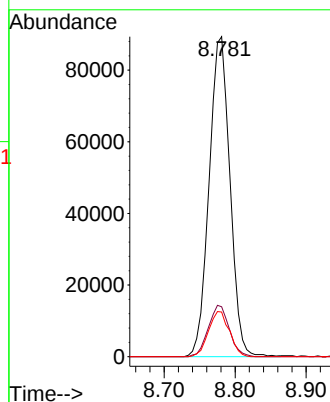
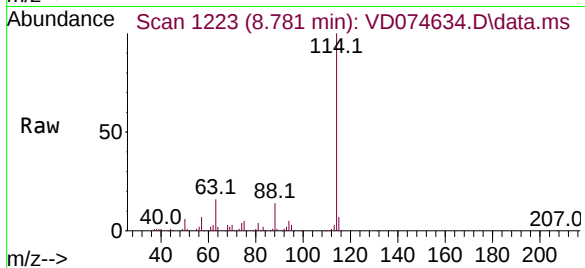
Tgt Ion:114 Resp: 182135

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 63.950 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074634.D

Acq: 25 Oct 2022 15:53

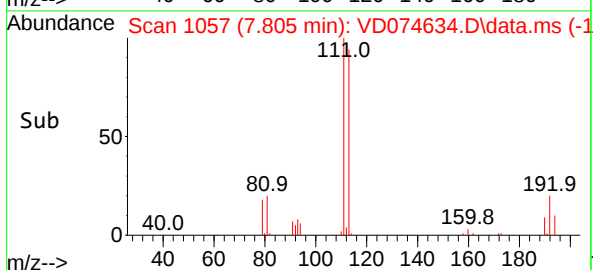
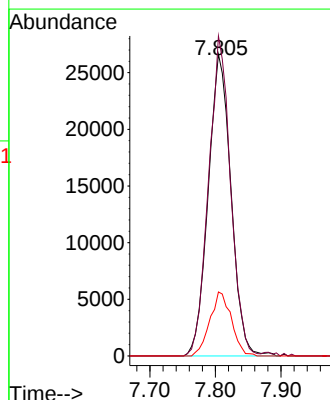
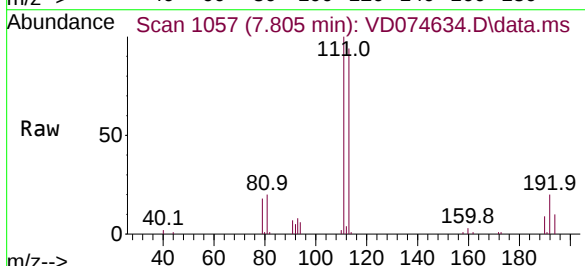
Tgt Ion:113 Resp: 64222

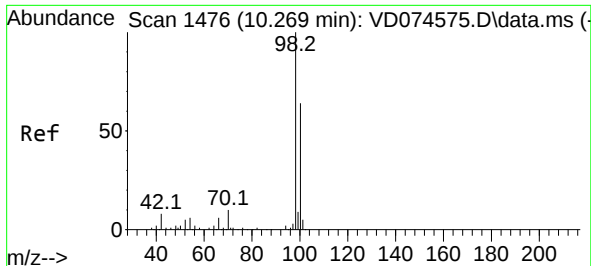
Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

192 20.1 16.4 24.6

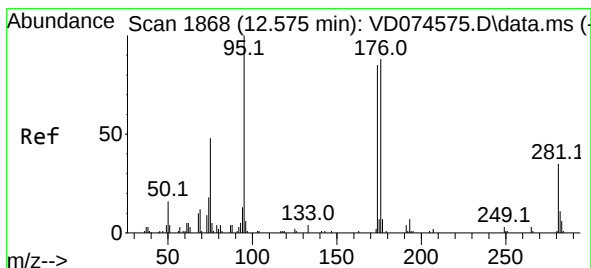
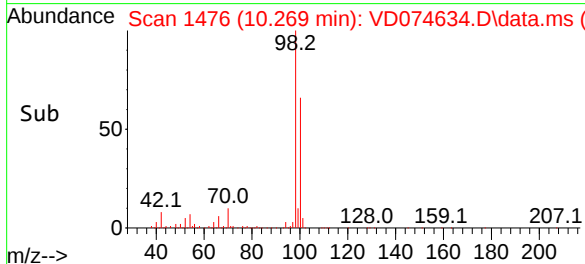
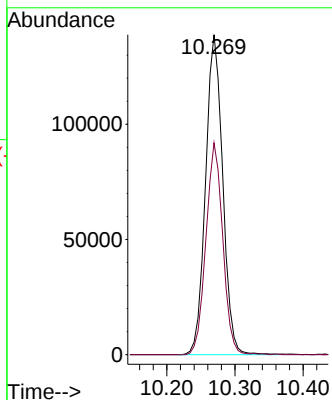
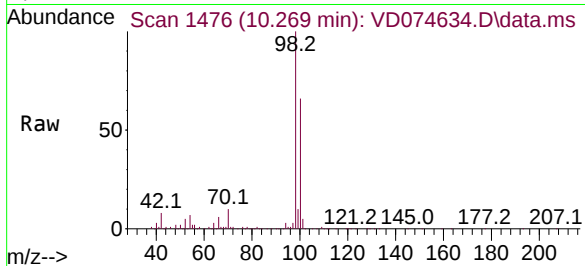




#50
Toluene-d8
Concen: 66.720 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074634.D
Acq: 25 Oct 2022 15:53

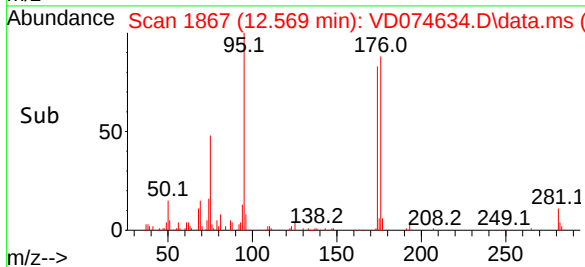
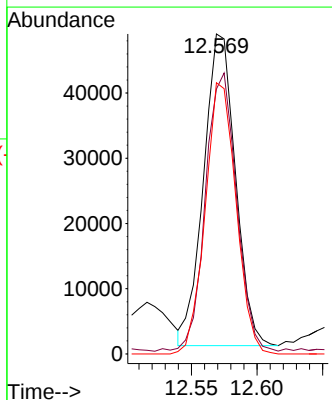
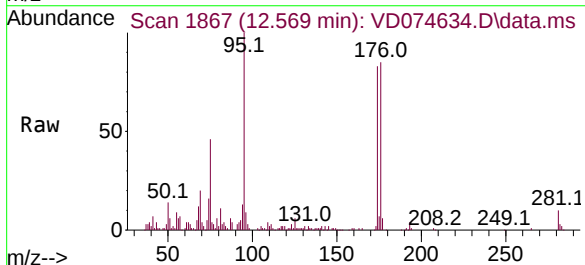
Instrument :
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TP5-1024

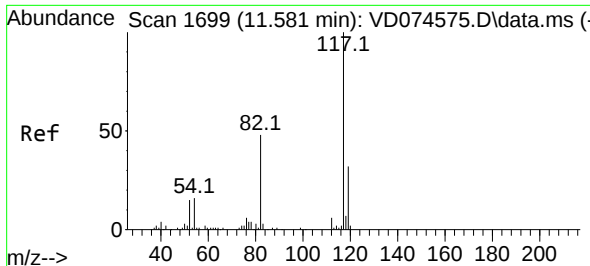
Tgt Ion: 98 Resp: 243225
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 77.976 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074634.D
Acq: 25 Oct 2022 15:53

Tgt Ion: 95 Resp: 80640
Ion Ratio Lower Upper
95 100
174 87.2 0.0 197.0
176 84.2 0.0 182.6

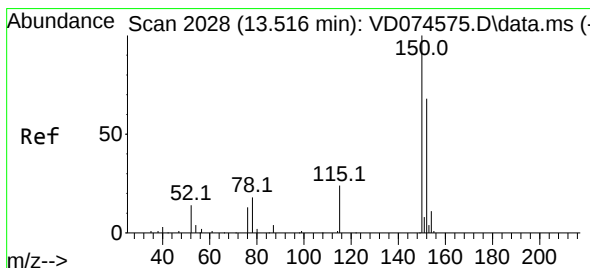
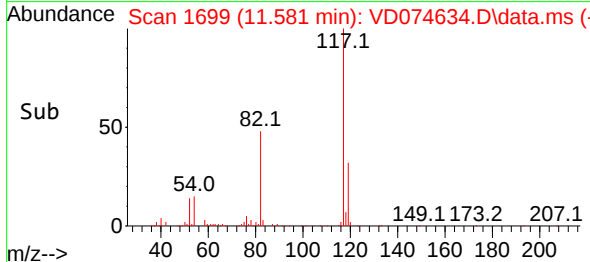
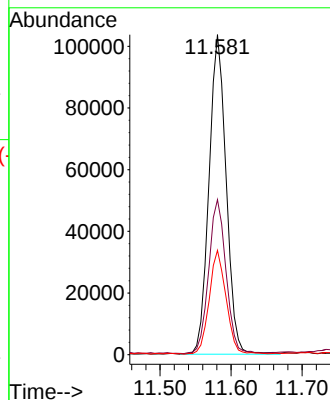
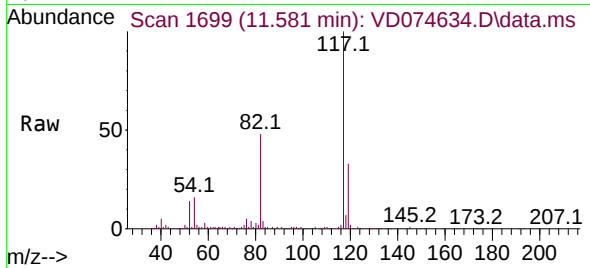




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VD074634.D
Acq: 25 Oct 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

Tgt Ion:	117	Resp:	174120
Ion	Ratio	Lower	Upper
117	100		
82	48.1	41.6	62.4
119	32.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074634.D
Acq: 25 Oct 2022 15:53

Tgt Ion:	152	Resp:	77049
Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.8	80.4
150	148.6	0.0	348.2

