

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074678.D
 Acq On : 28 Oct 2022 18:15
 Operator : VA/SY
 Sample : N5267-13
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-1024

Quant Time: Oct 29 02:16:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	155125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61812	75.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.800%
35) Dibromofluoromethane	7.804	113	72321	68.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.200%
50) Toluene-d8	10.269	98	244335	59.827	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.660%
62) 4-Bromofluorobenzene	12.575	95	71855	64.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.120%

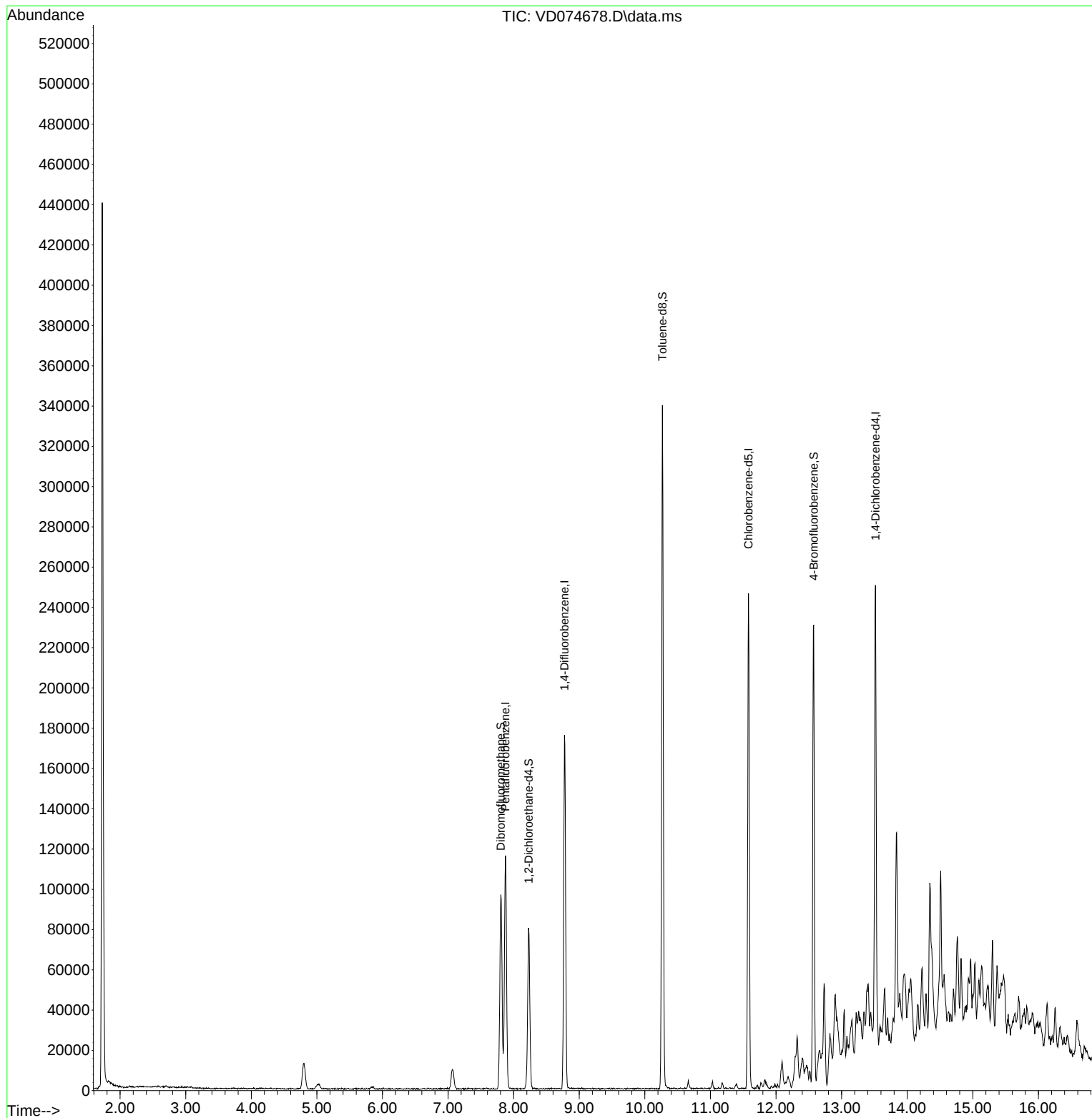
Target Compounds	Qvalue

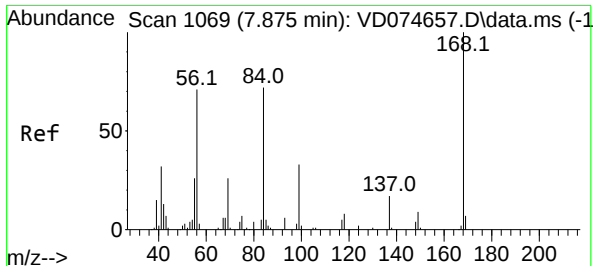
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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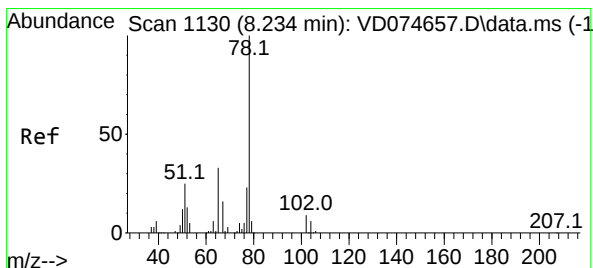
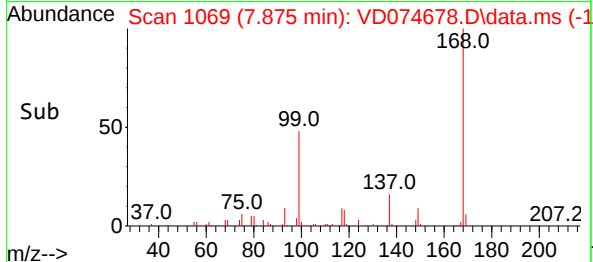
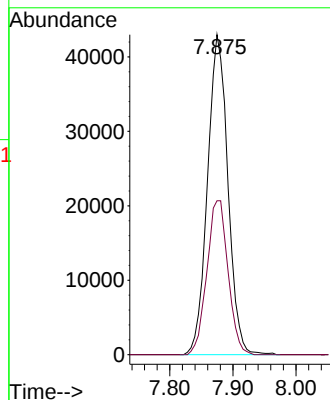
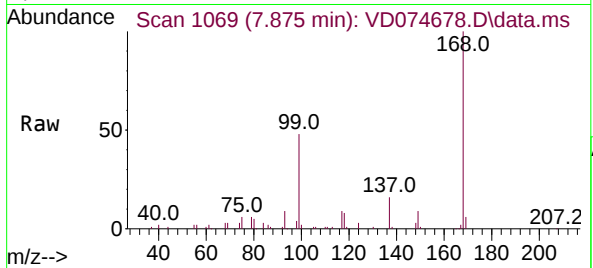




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

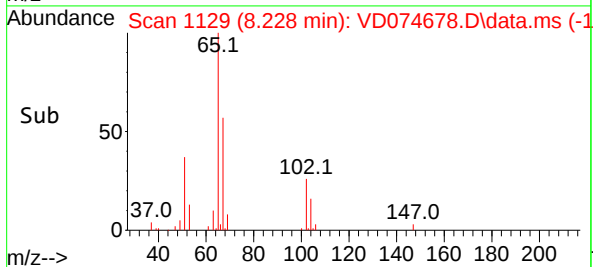
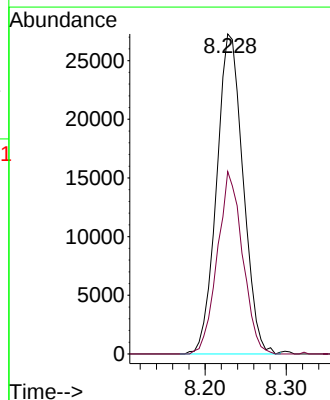
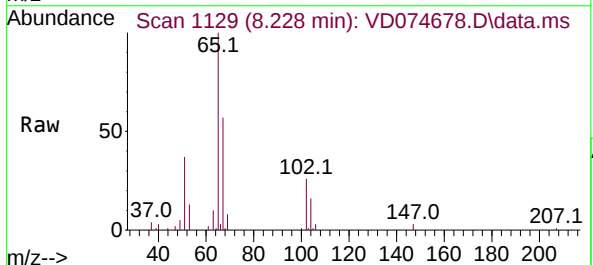
Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

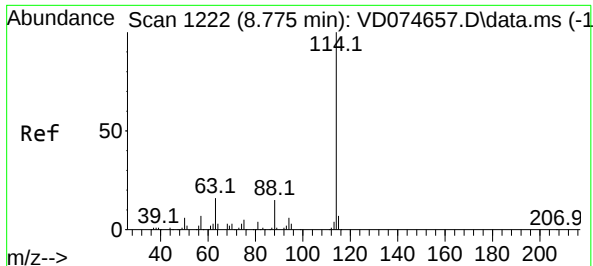
Tgt Ion:168 Resp: 96491
Ion Ratio Lower Upper
168 100
99 48.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 75.899 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

Tgt Ion: 65 Resp: 61812
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2

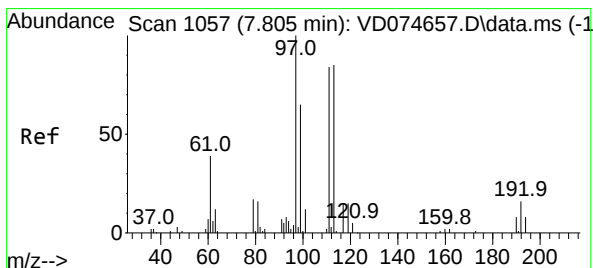
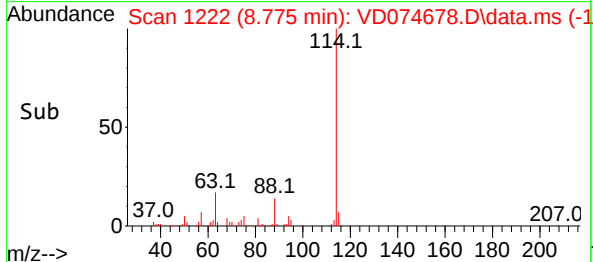
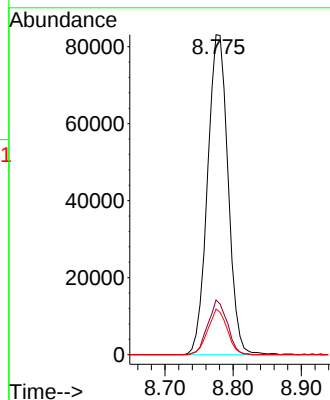
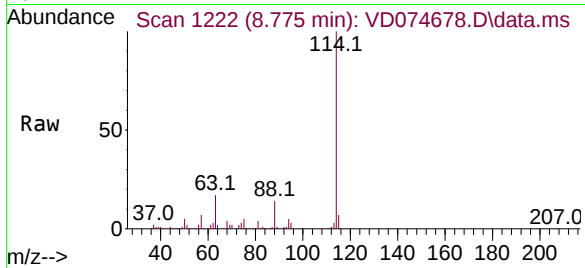




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

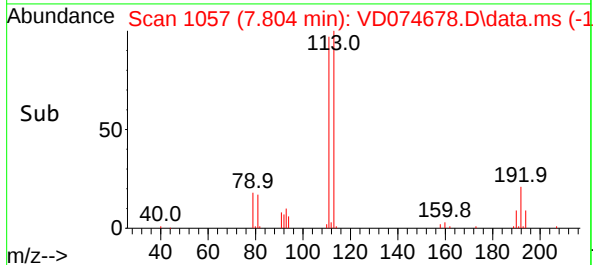
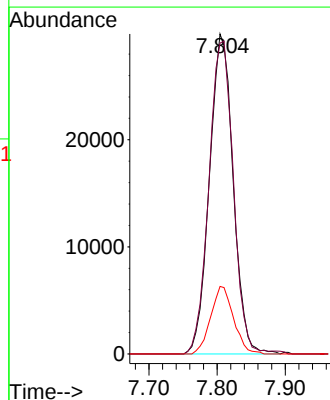
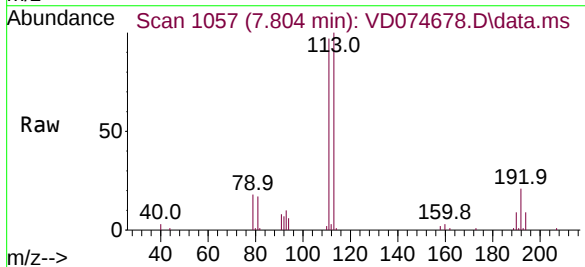
Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

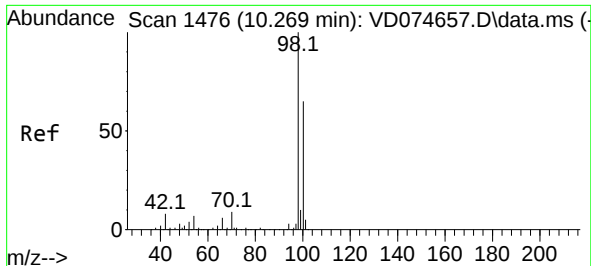
Tgt Ion:114 Resp: 173916
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 14.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 68.101 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

Tgt Ion:113 Resp: 72321
Ion Ratio Lower Upper
113 100
111 101.0 82.3 123.5
192 20.3 16.4 24.6

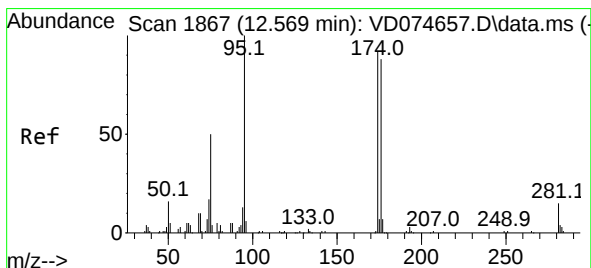
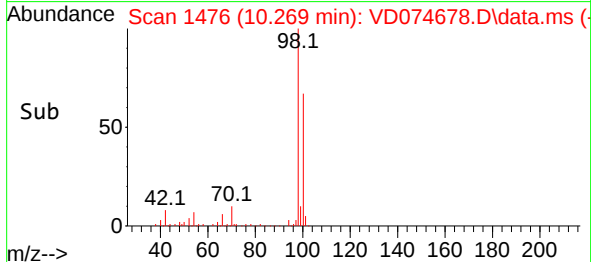
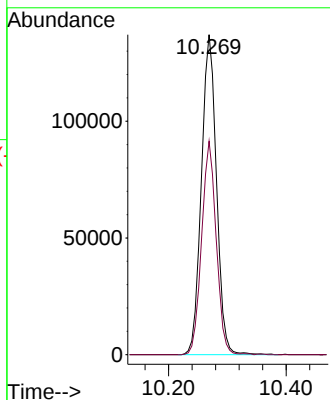
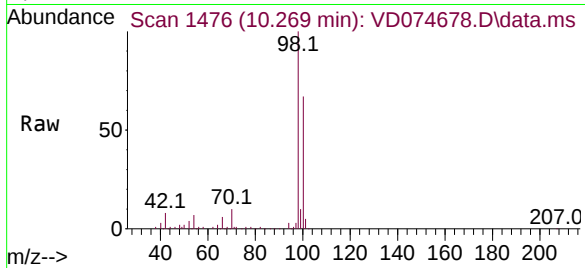




#50
Toluene-d8
Concen: 59.827 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

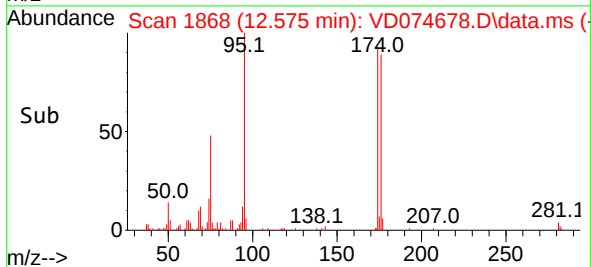
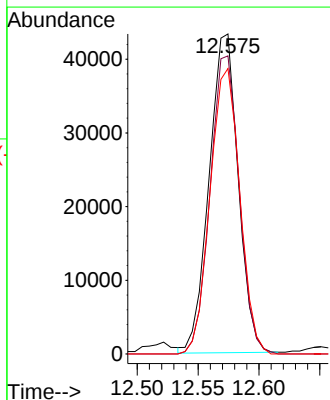
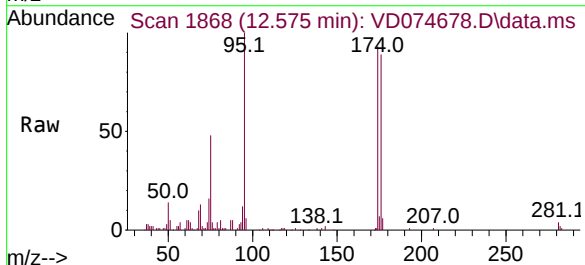
Instrument :
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TP5-1024

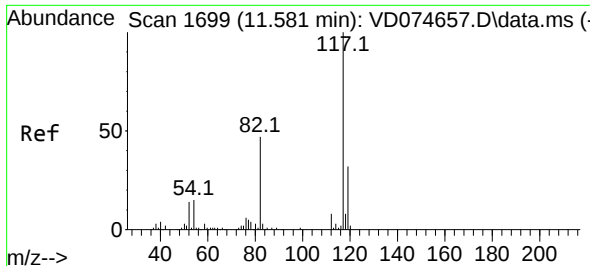
Tgt Ion: 98 Resp: 244335
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 64.063 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

Tgt Ion: 95 Resp: 71855
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 91.5 0.0 182.6

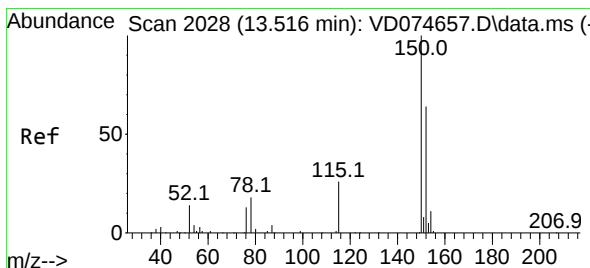
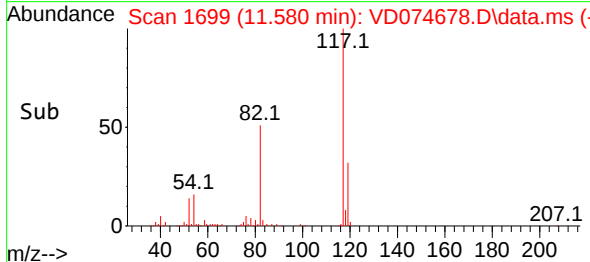
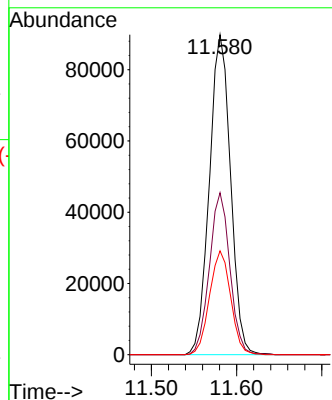
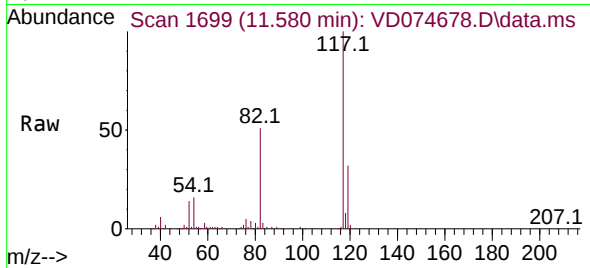




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :
TP5-1024

Tgt Ion:117 Resp: 155125
Ion Ratio Lower Upper
117 100
82 50.6 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. -0.000 min
Lab File: VD074678.D
Acq: 28 Oct 2022 18:15

Tgt Ion:152 Resp: 68825
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 152.5 0.0 348.2

