

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074660.D
 Acq On : 27 Oct 2022 19:14
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 28 00:22:52 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	42329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37071	103.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	207.520%#
35) Dibromofluoromethane	7.805	113	58374	64.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.520%
50) Toluene-d8	10.269	98	182503	52.238	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.569	95	68635	71.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	143.060%

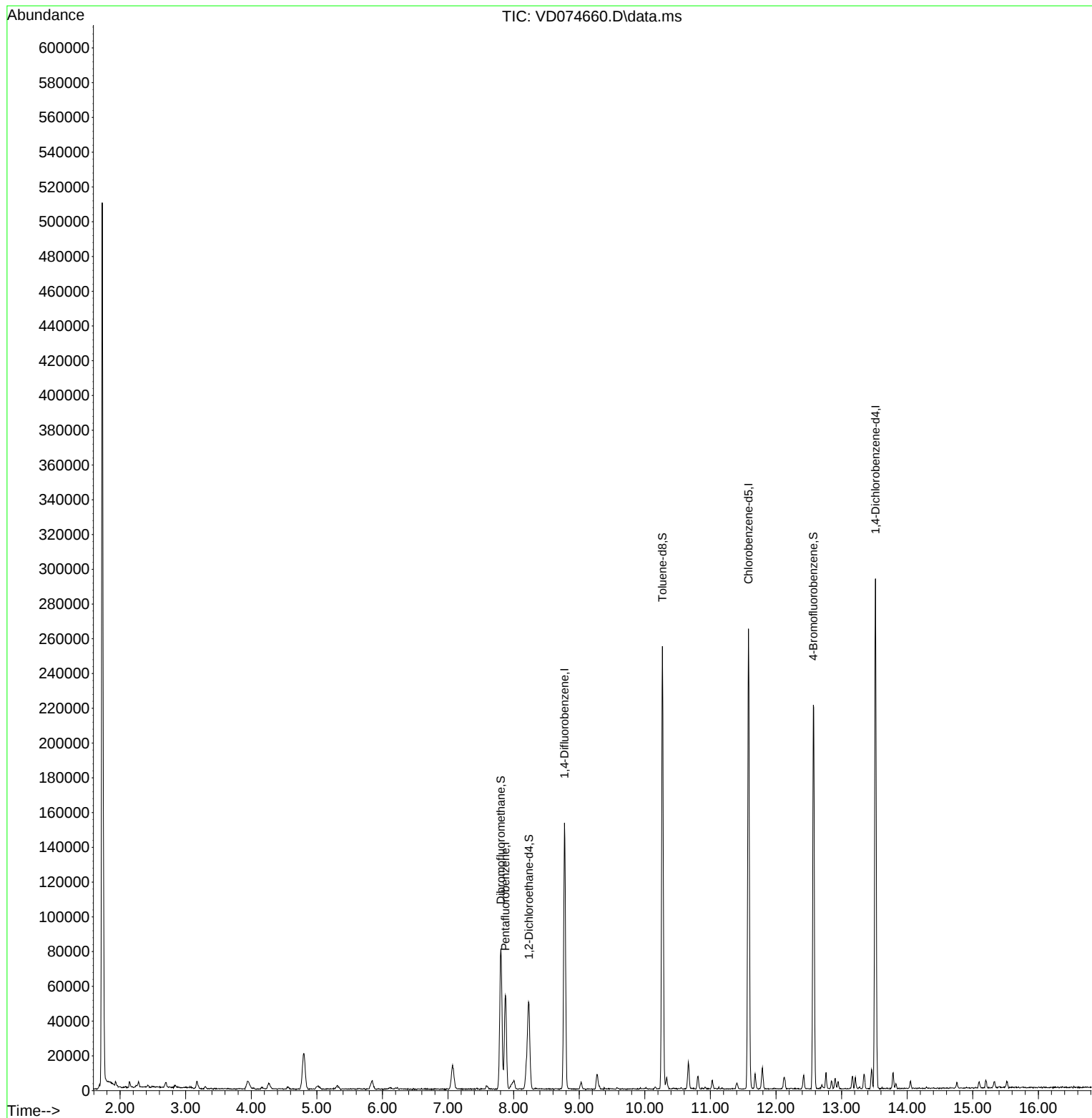
Target Compounds	Qvalue

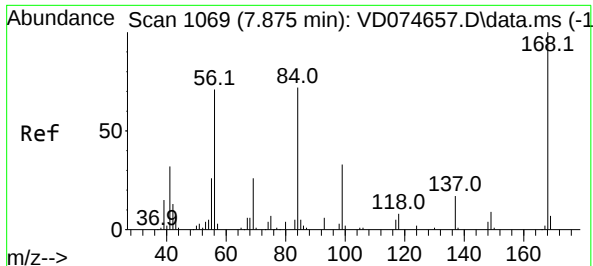
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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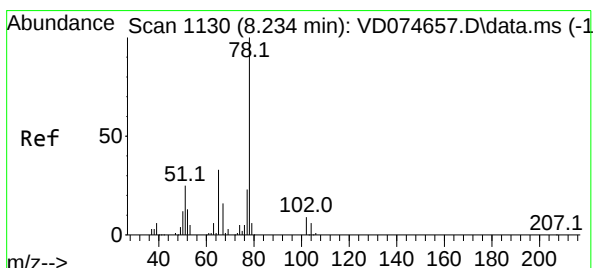
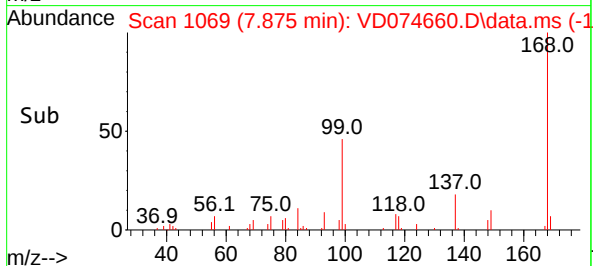
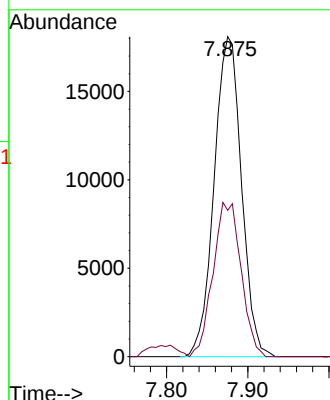
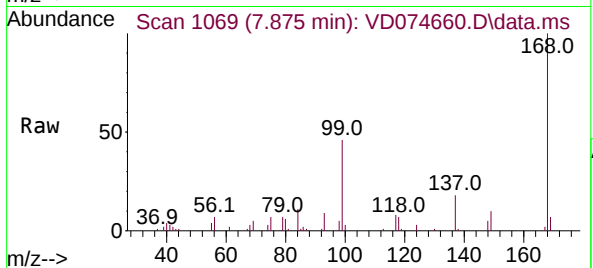




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

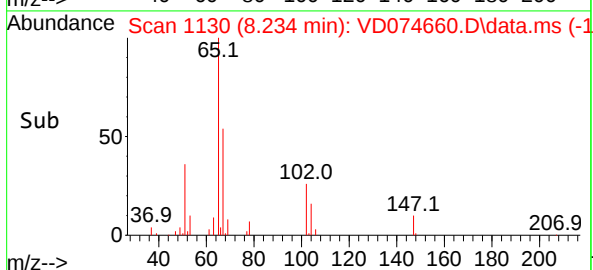
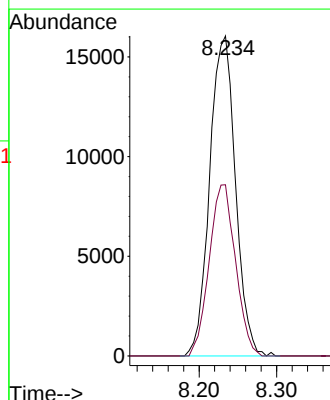
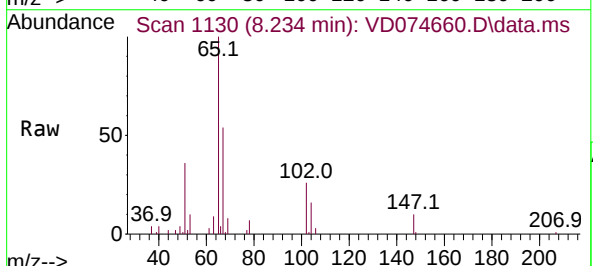
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

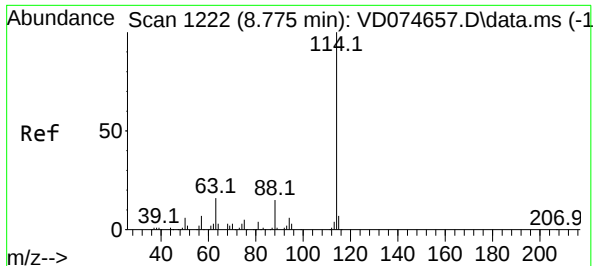
Tgt Ion:168 Resp: 42329
Ion Ratio Lower Upper
168 100
99 45.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 103.763 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 65 Resp: 37071
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2

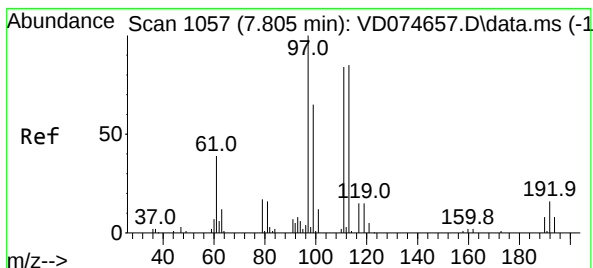
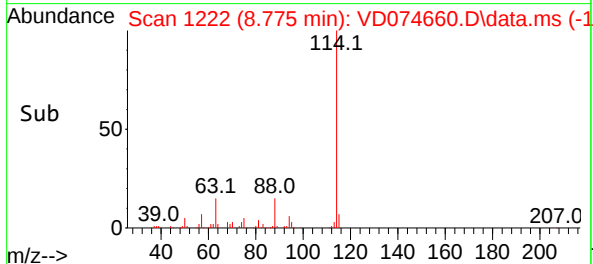
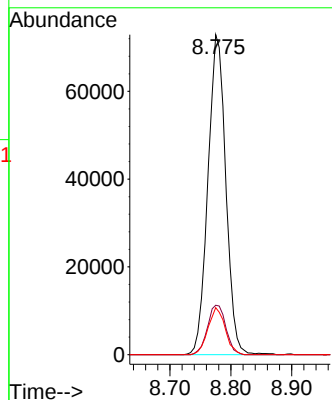
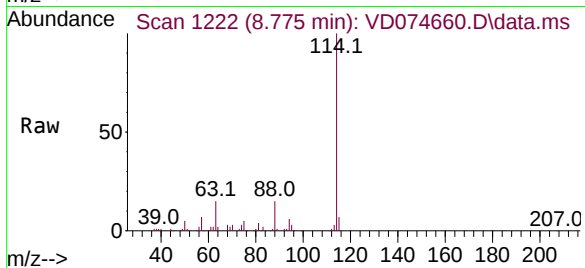




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

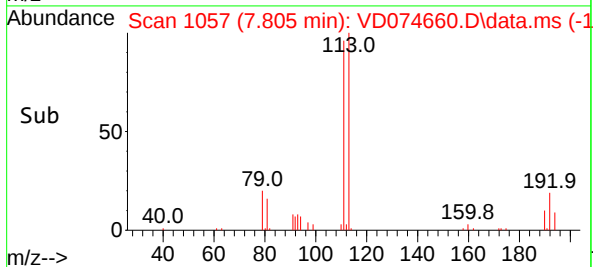
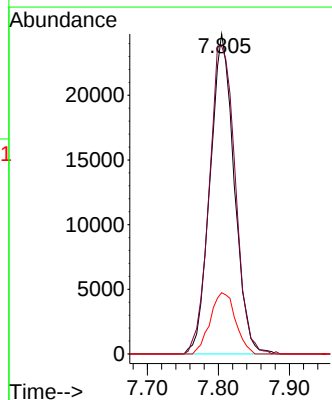
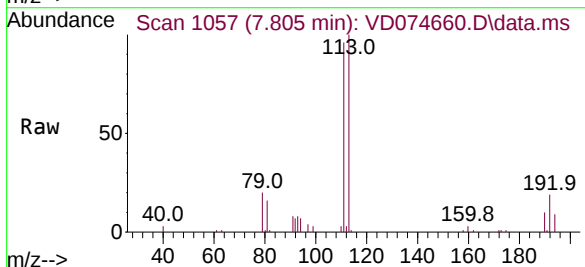
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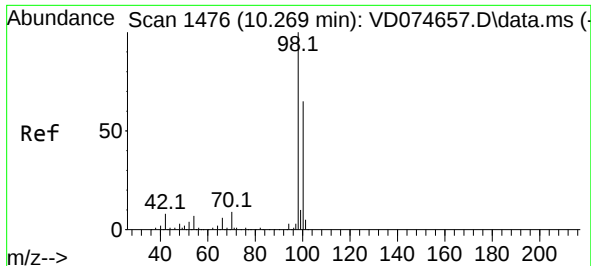
Tgt Ion:114 Resp: 148776
Ion Ratio Lower Upper
114 100
63 15.4 0.0 33.2
88 14.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 64.256 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion:113 Resp: 58374
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 20.1 16.4 24.6

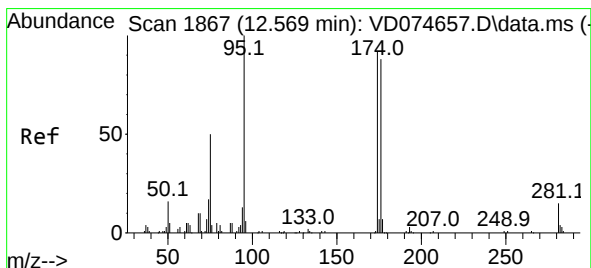
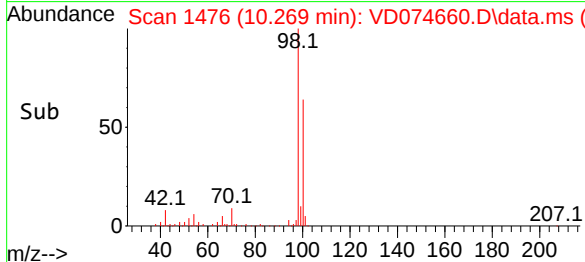
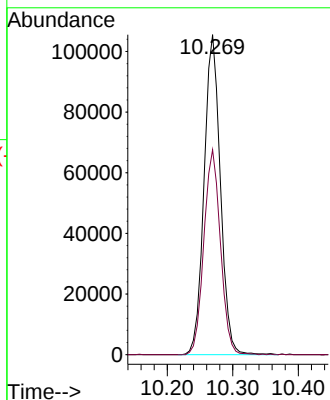
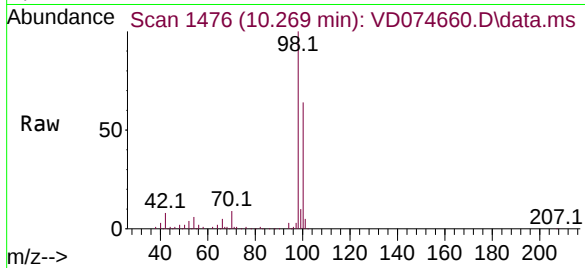




#50
Toluene-d8
Concen: 52.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

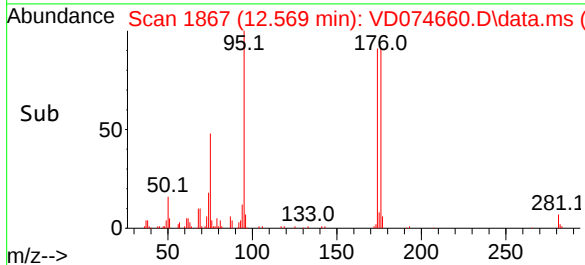
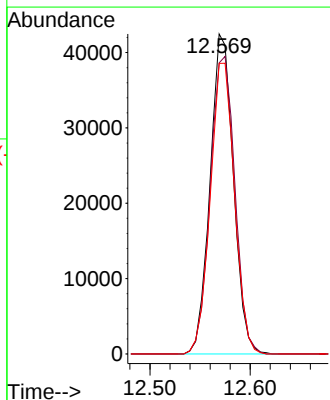
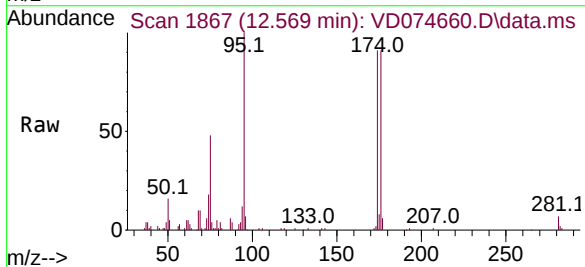
Instrument :
MSVOA_D
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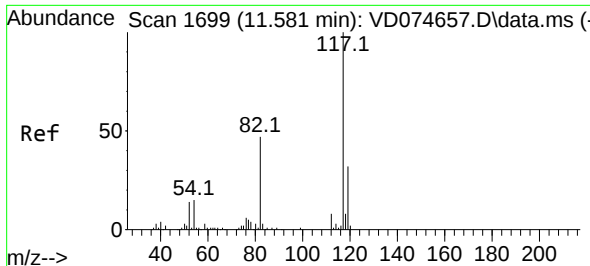
Tgt Ion: 98 Resp: 182503
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 71.533 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 95 Resp: 68635
Ion Ratio Lower Upper
95 100
174 98.1 0.0 197.0
176 94.1 0.0 182.6

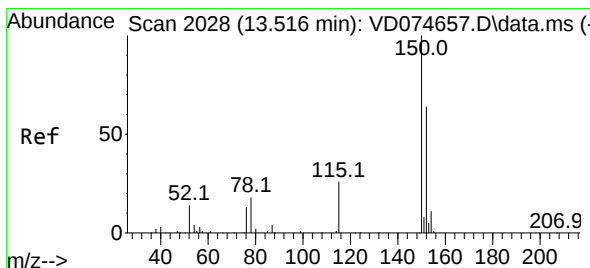
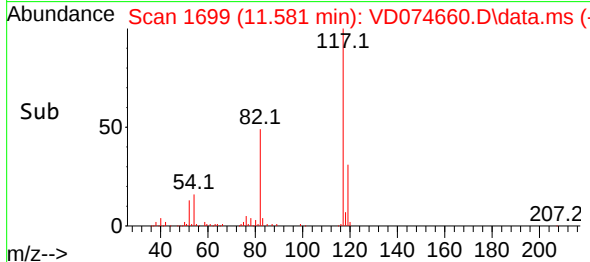
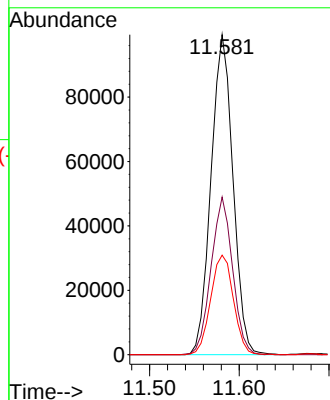
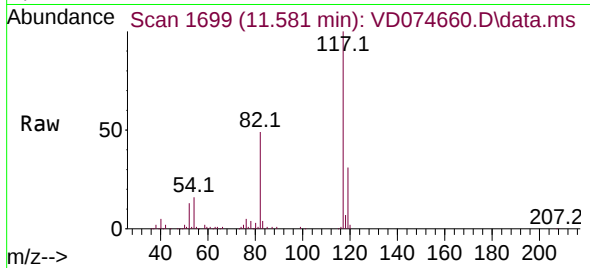




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 168741
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 31.1 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: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion:152 Resp: 85464
Ion Ratio Lower Upper
152 100
115 53.0 26.8 80.4
150 157.0 0.0 348.2

