

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074160.D
 Acq On : 19 Aug 2022 20:52
 Operator : VA/SY
 Sample : N4224-04
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-0816

Quant Time: Aug 20 01:29:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	146594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	259961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	254093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	65800	61.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.560%
35) Dibromofluoromethane	7.903	113	85957	69.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	138.080%
50) Toluene-d8	10.332	98	184549	52.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.620	95	107282	55.152	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.300%

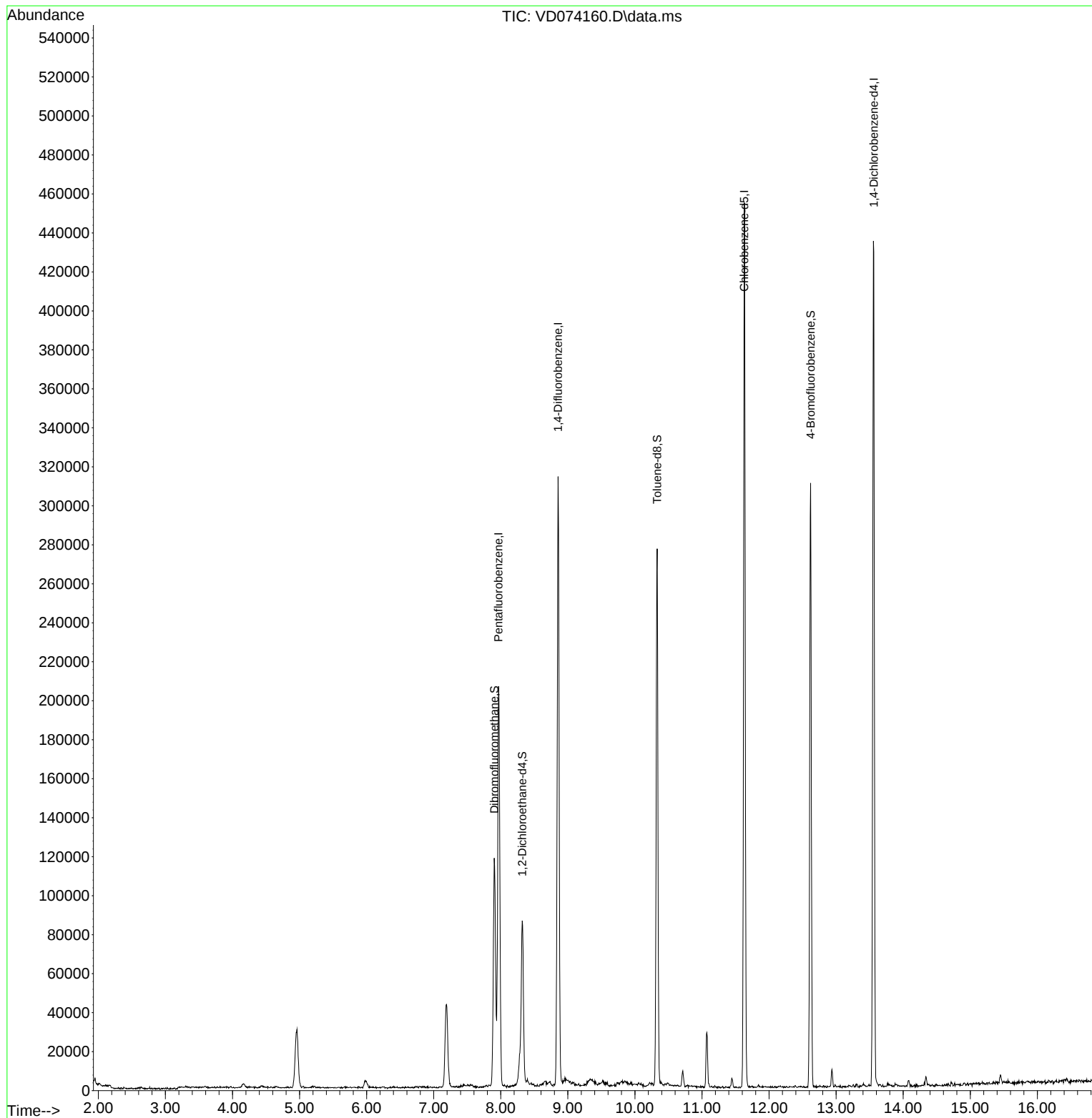
Target Compounds	Qvalue

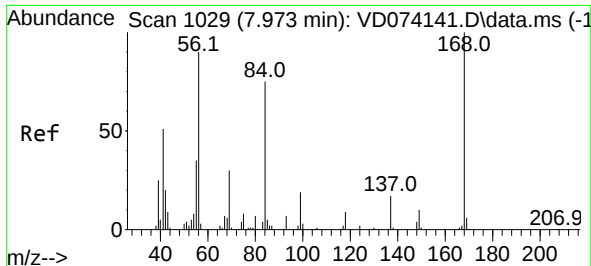
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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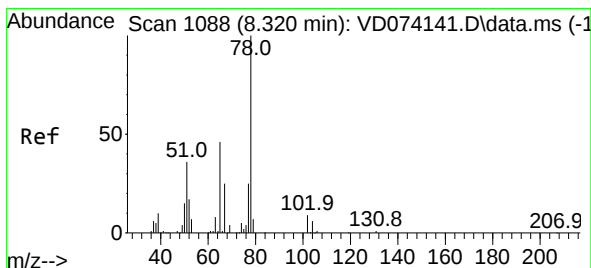
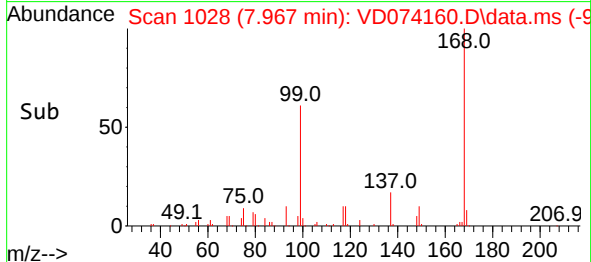
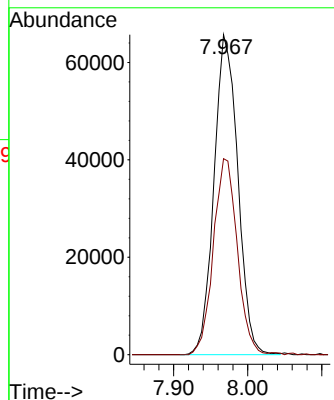
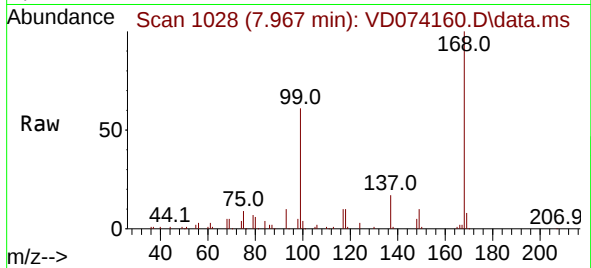




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074160.D
Acq: 19 Aug 2022 20:52

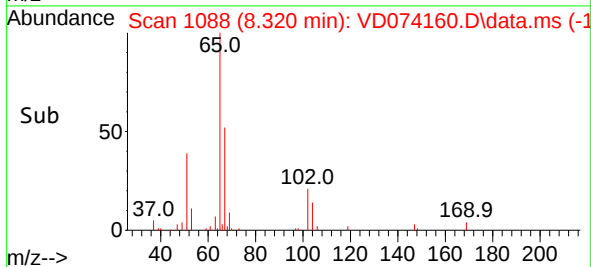
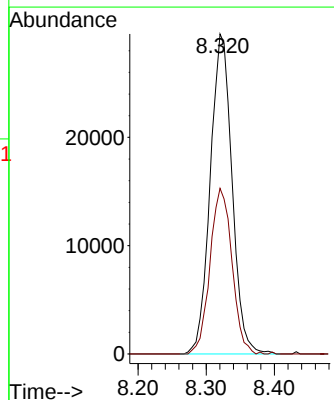
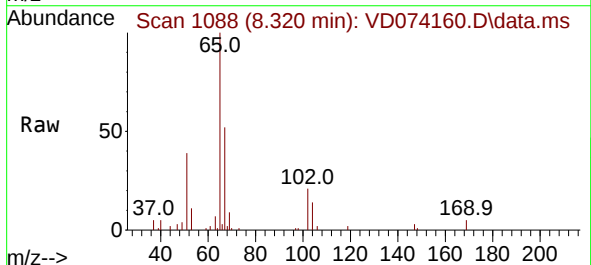
Instrument :
MSVOA_D
ClientSampleId :
TP2-0816

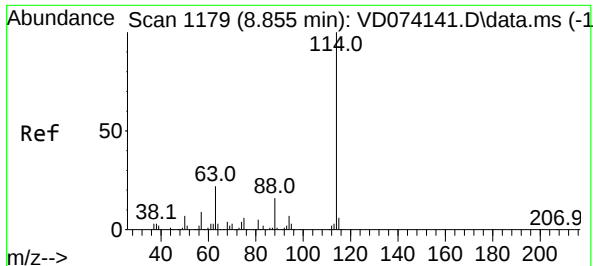
Tgt Ion:168 Resp: 146594
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 61.778 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074160.D
Acq: 19 Aug 2022 20:52

Tgt Ion: 65 Resp: 65800
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4

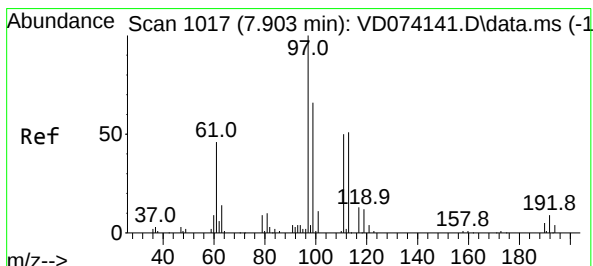
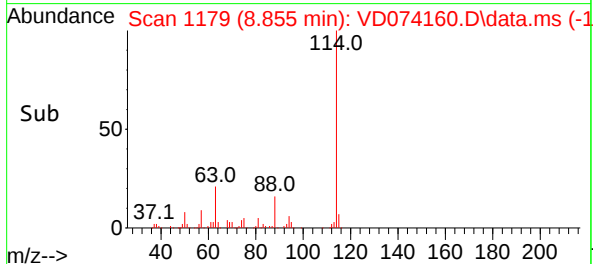
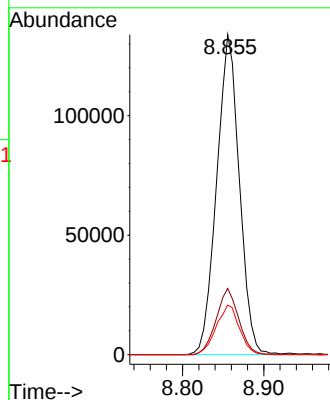
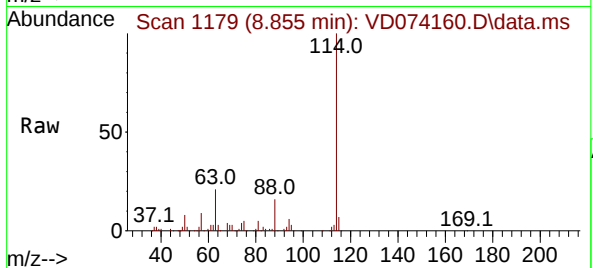




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VD074160.D
 Acq: 19 Aug 2022 20:52

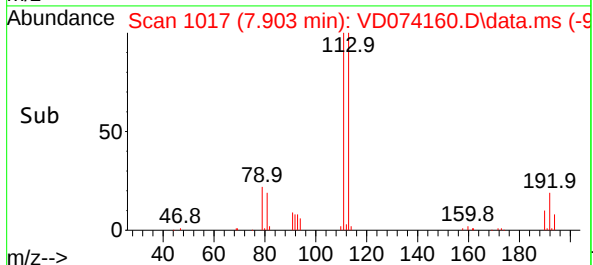
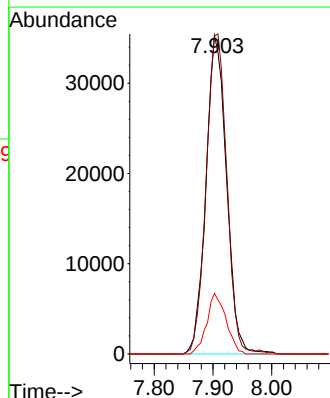
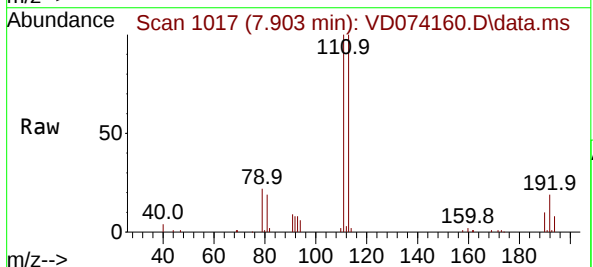
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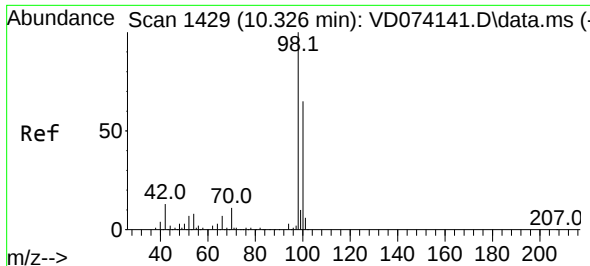
Tgt Ion:114 Resp: 259961
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 46.6
 88 15.5 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 69.038 ug/l
 RT: 7.903 min Scan# 1017
 Delta R.T. -0.000 min
 Lab File: VD074160.D
 Acq: 19 Aug 2022 20:52

Tgt Ion:113 Resp: 85957
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.8 125.6
 192 17.8 14.6 21.8

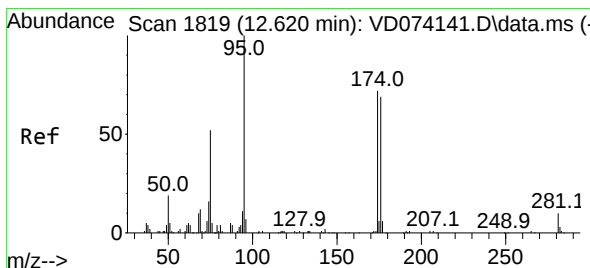
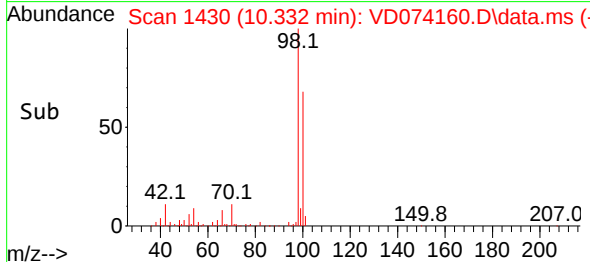
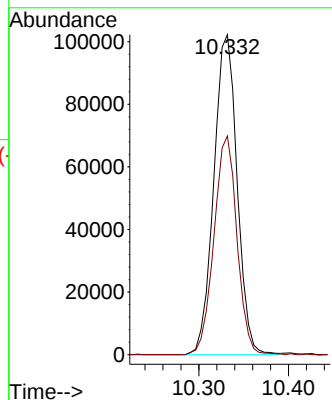
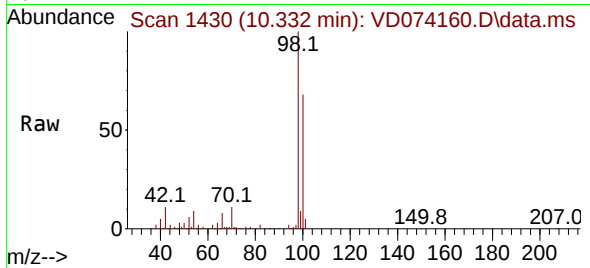




#50
Toluene-d8
Concen: 52.080 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VD074160.D
Acq: 19 Aug 2022 20:52

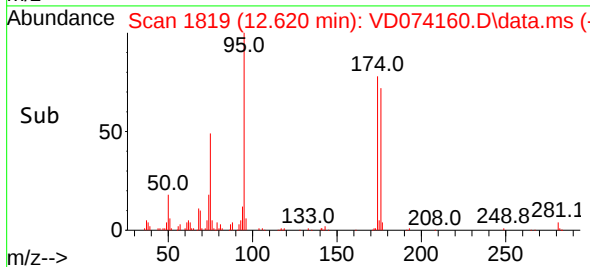
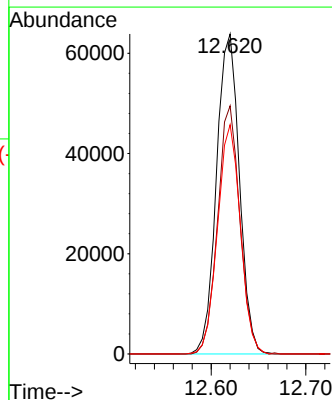
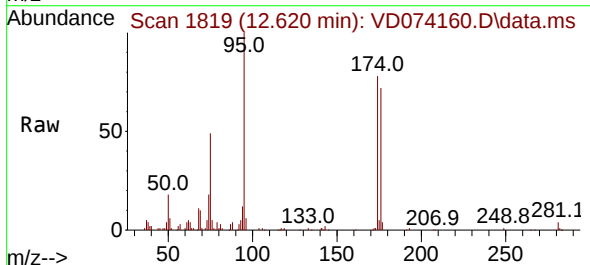
Instrument :
MSVOA_D
ClientSampleId :
TP2-0816

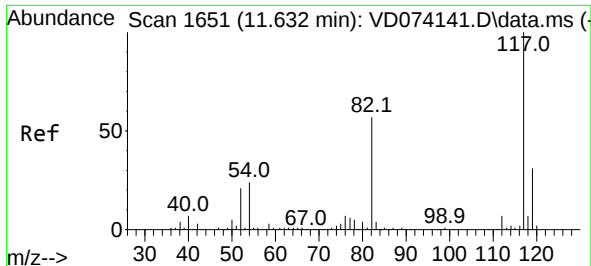
Tgt Ion: 98 Resp: 184549
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.152 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074160.D
Acq: 19 Aug 2022 20:52

Tgt Ion: 95 Resp: 107282
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.6 0.0 145.4

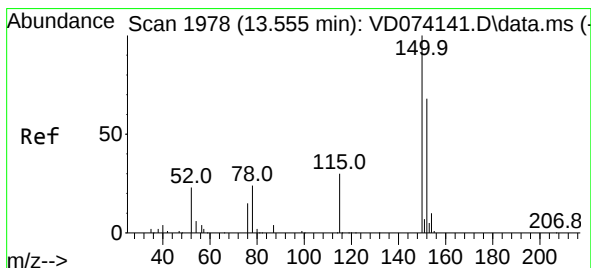
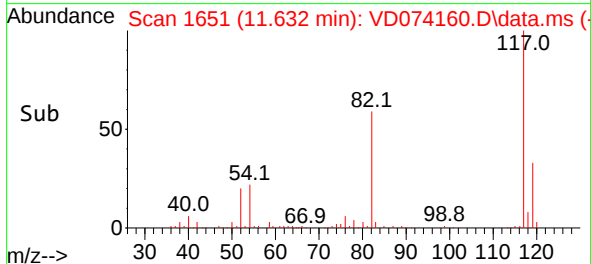
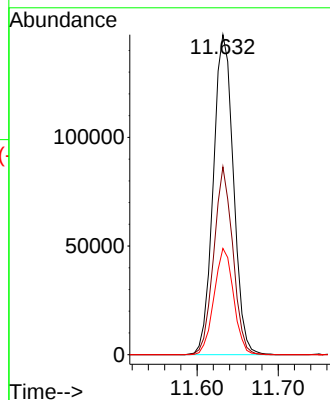
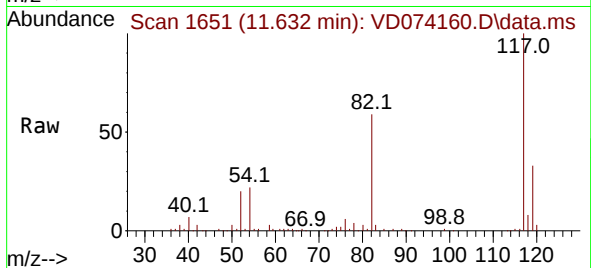




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD074160.D
Acq: 19 Aug 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
TP2-0816

Tgt Ion:117 Resp: 254093
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074160.D
Acq: 19 Aug 2022 20:52

Tgt Ion:152 Resp: 119362
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 155.4 0.0 348.6

