

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071845.D
 Acq On : 31 Jan 2022 15:11
 Operator : VA/SY
 Sample : N1325-07
 Misc : 3.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TES-3

Quant Time: Jan 31 15:41:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	146230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	268147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	291075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	134533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	171028	92.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.060%#	
35) Dibromofluoromethane	7.914	113	113471	64.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.760%	
50) Toluene-d8	10.338	98	349502	53.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.626	95	129335	56.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.520%	

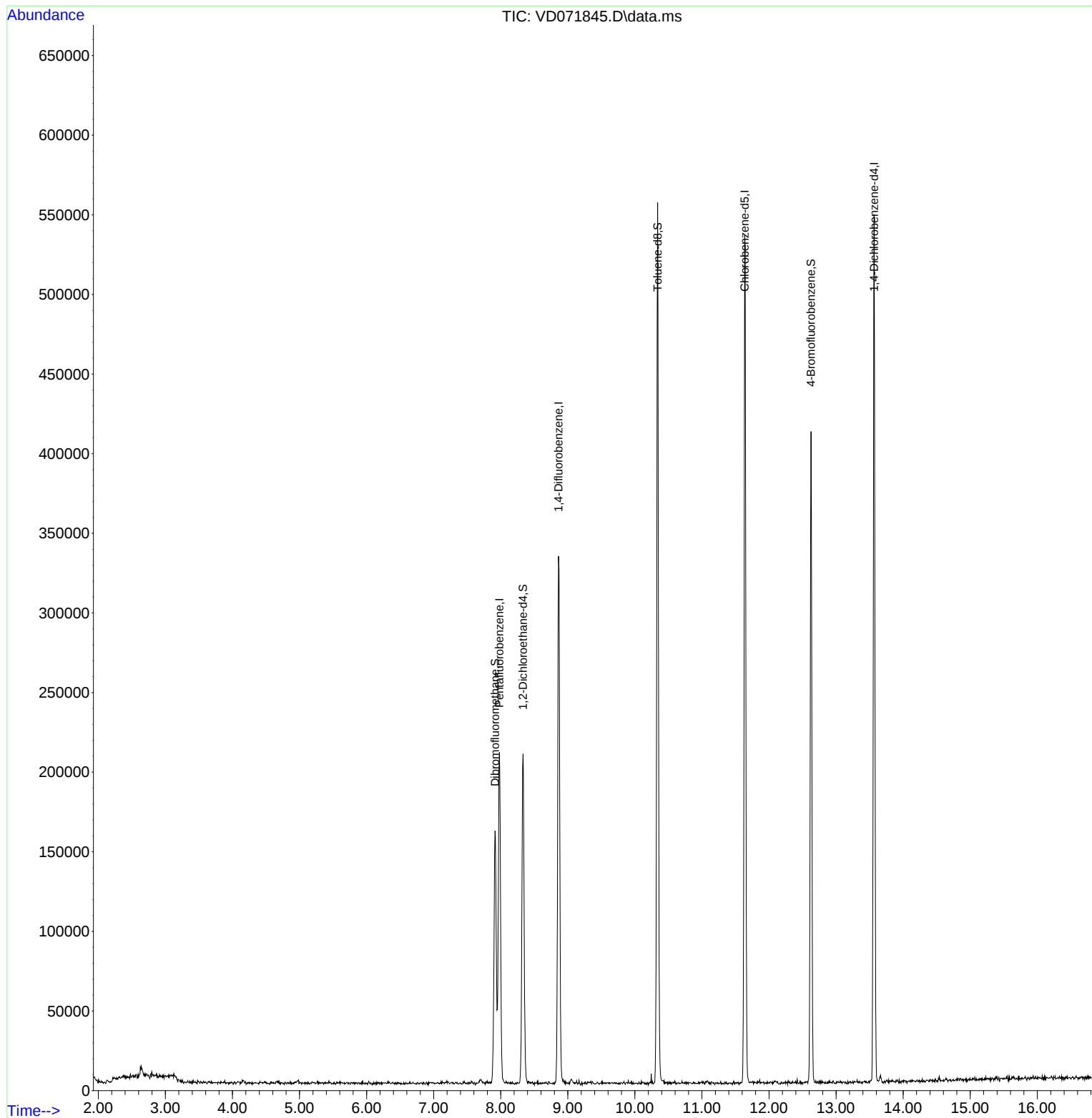
Target Compounds	Qvalue

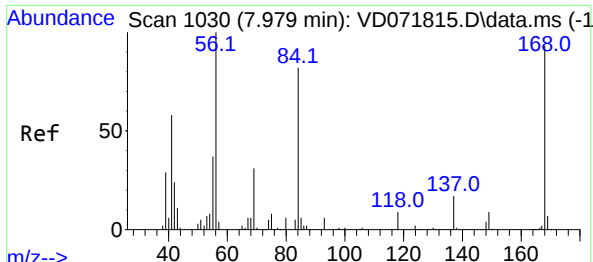
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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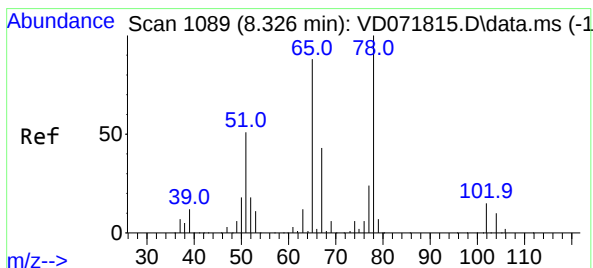
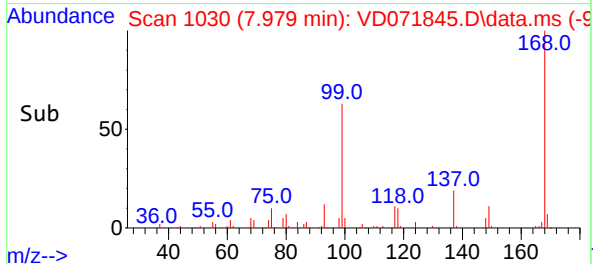
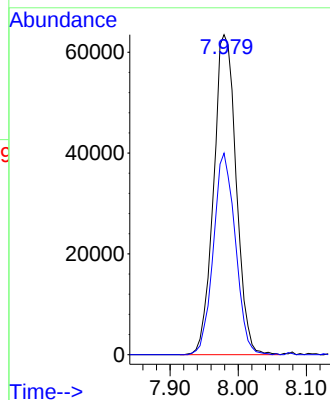
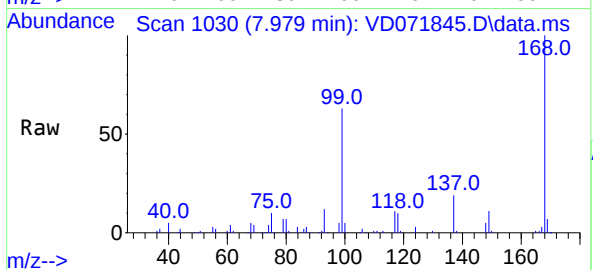




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

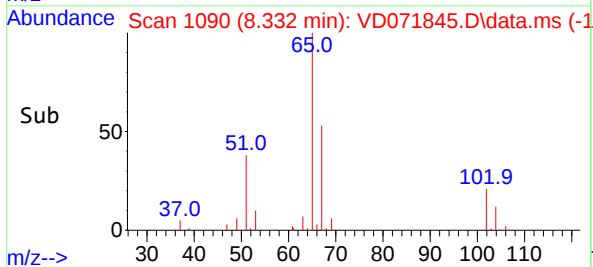
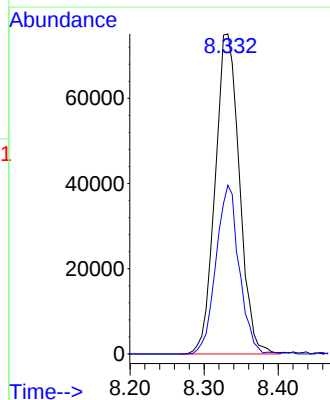
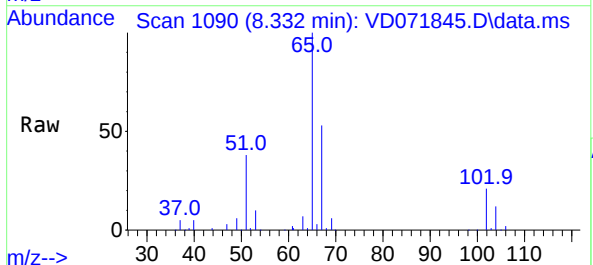
Instrument :
MSVOA_D
ClientSampleId :
TES-3

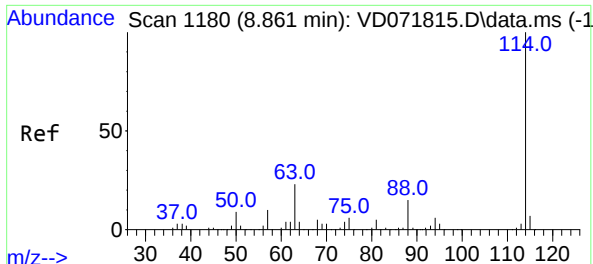
Tgt Ion:168 Resp: 146230
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 92.534 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion: 65 Resp: 171028
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4

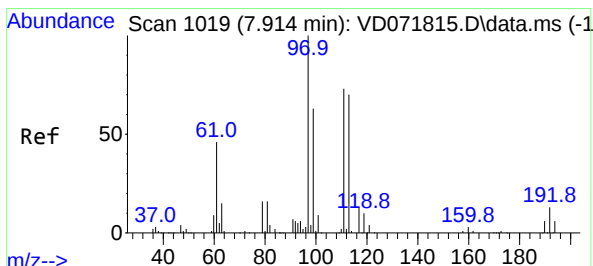
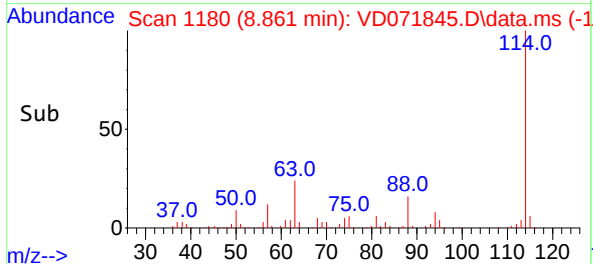
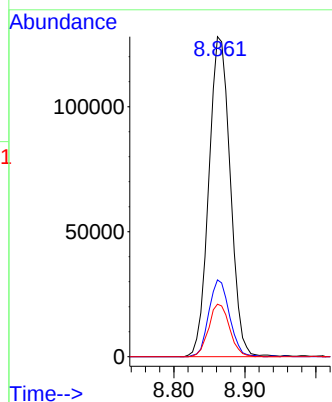
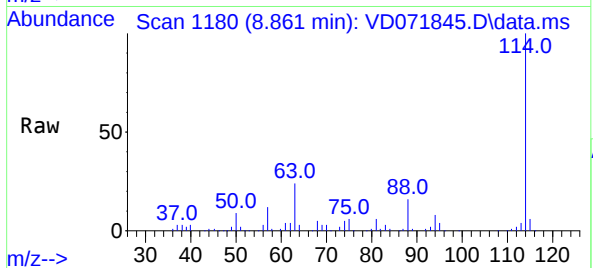




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

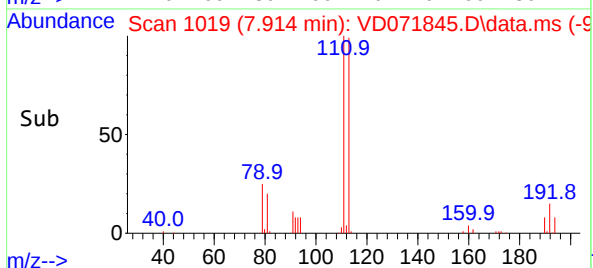
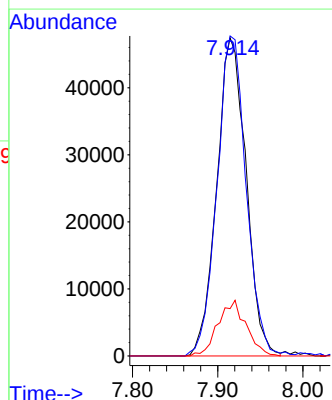
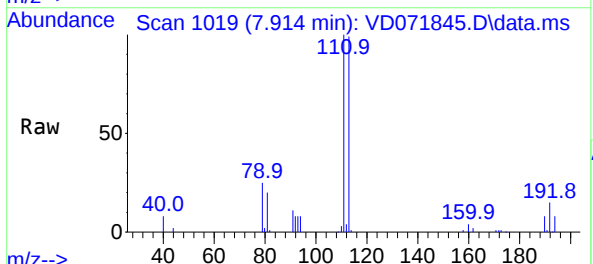
Instrument :
MSVOA_D
ClientSampleId :
TES-3

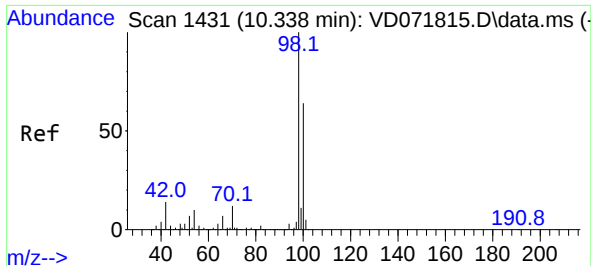
Tgt Ion:114 Resp: 268147
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.6
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 64.377 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion:113 Resp: 113471
Ion Ratio Lower Upper
113 100
111 99.9 83.8 125.6
192 16.8 14.6 21.8

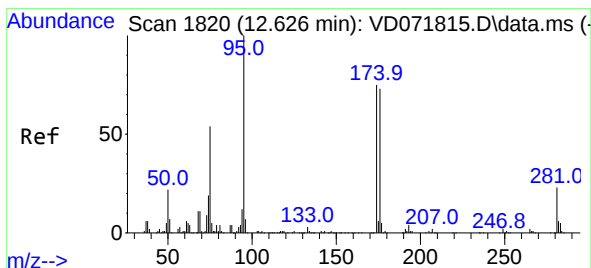
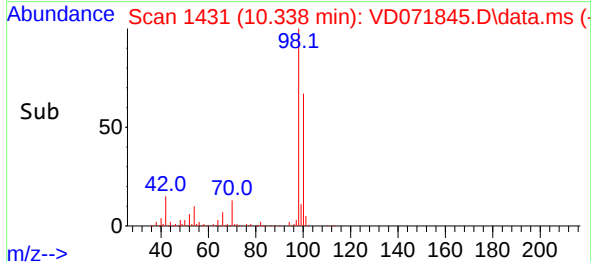
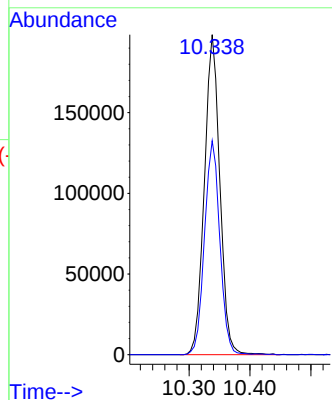
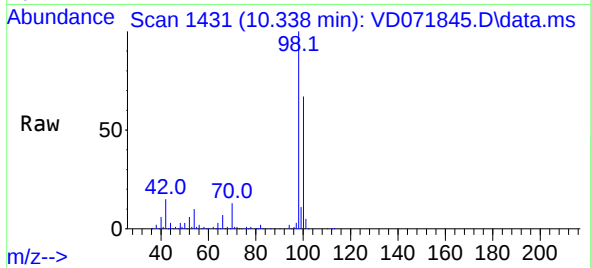




#50
Toluene-d8
Concen: 53.094 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

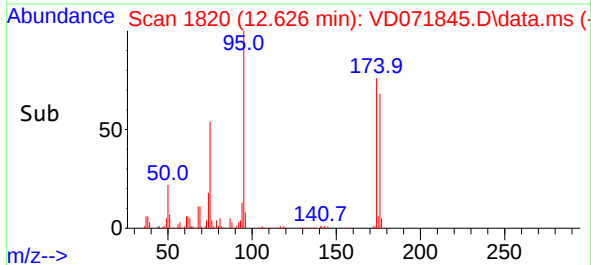
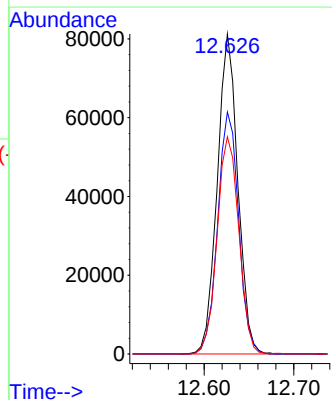
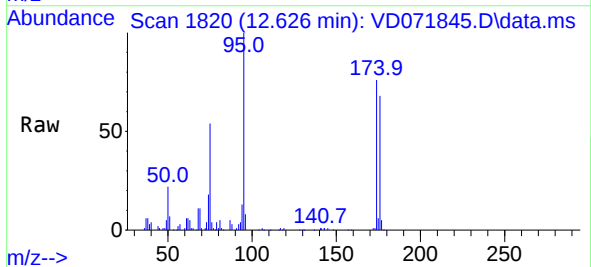
Instrument :
MSVOA_D
ClientSampleId :
TES-3

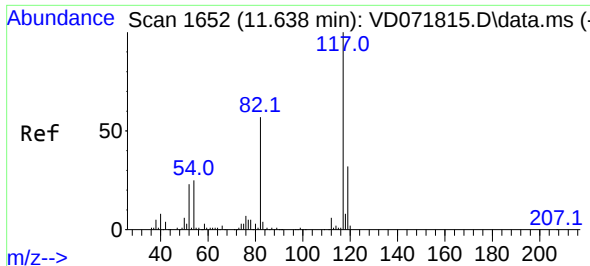
Tgt Ion: 98 Resp: 349502
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.262 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion: 95 Resp: 129335
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 71.5 0.0 145.4

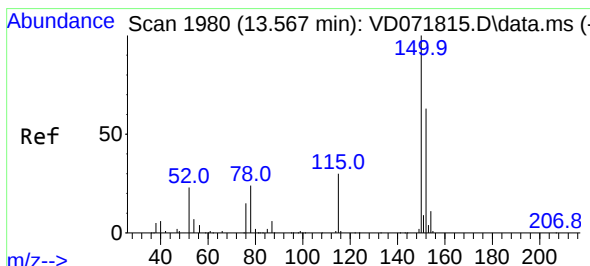
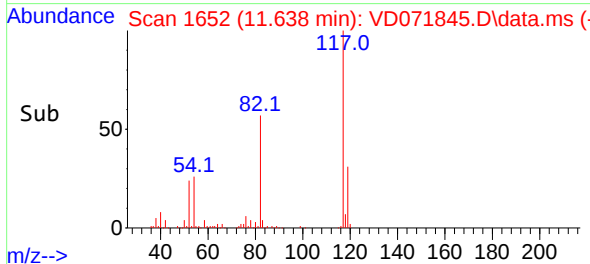
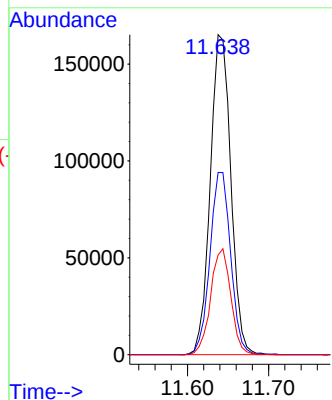
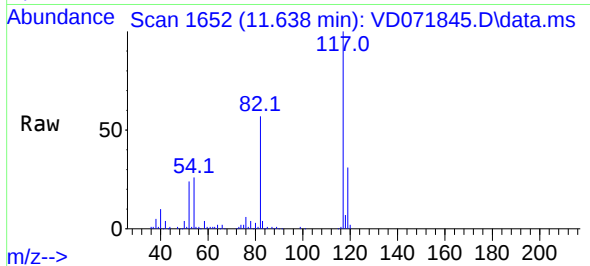




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Instrument :
MSVOA_D
ClientSampleId :
TES-3

Tgt Ion:117 Resp: 291075
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071845.D
Acq: 31 Jan 2022 15:11

Tgt Ion:152 Resp: 134533
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 156.4 0.0 348.6

