

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073192.D
 Acq On : 20 May 2022 19:22
 Operator : VA/SY
 Sample : N2914-01
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: May 21 00:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	182638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	317787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	353361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	162252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127096	62.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.940%
35) Dibromofluoromethane	7.908	113	118086	56.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.332	98	405193	52.419	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.620	95	151931	56.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.020%

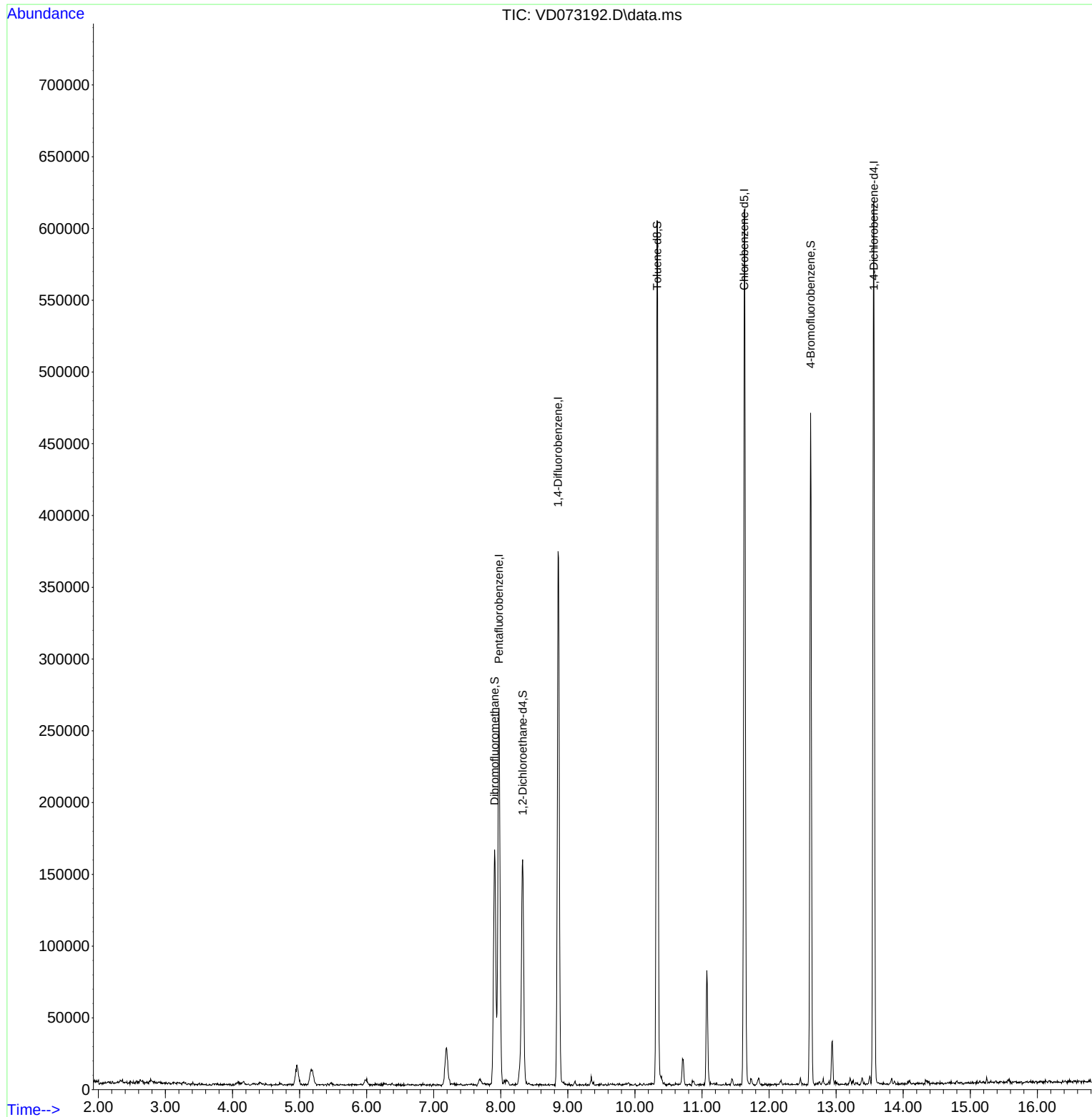
Target Compounds	Qvalue

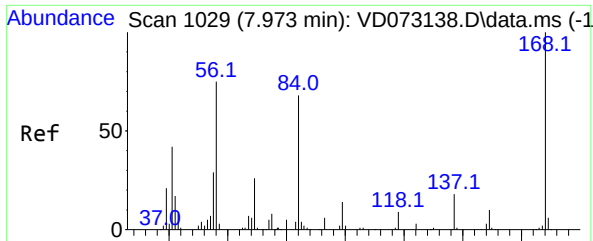
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073192.D

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MSVOA_D

ClientSampleId :

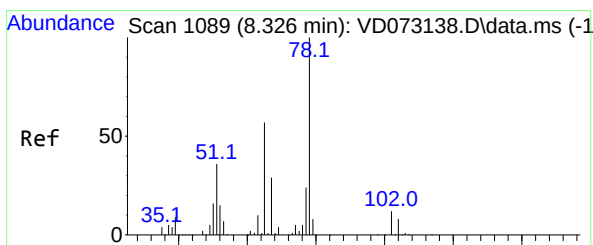
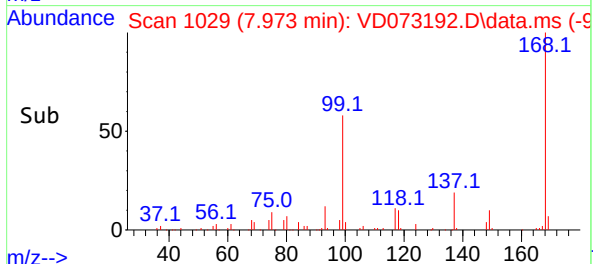
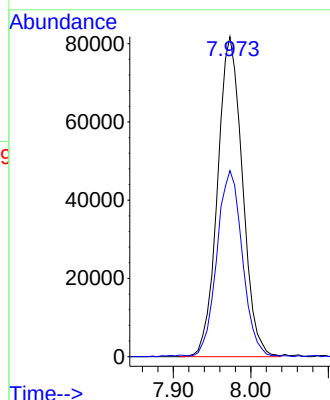
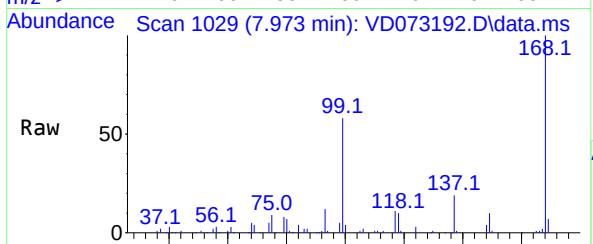
SP-1

Tgt Ion:168 Resp: 182638

Ion Ratio Lower Upper

168 100

99 58.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 62.968 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073192.D

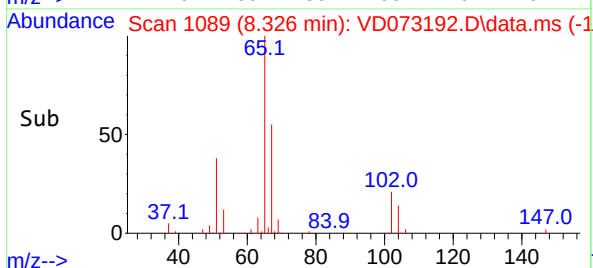
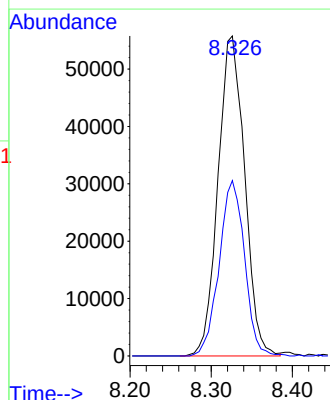
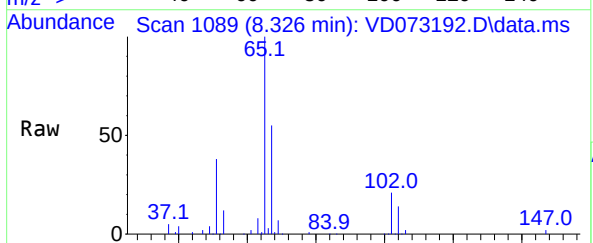
Acq: 20 May 2022 19:22

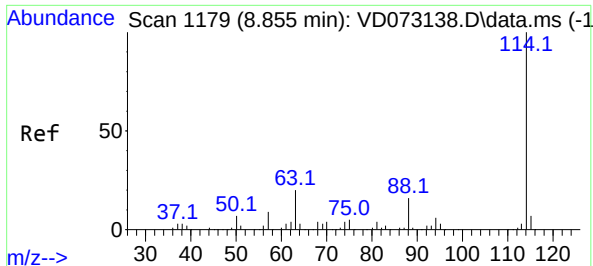
Tgt Ion: 65 Resp: 127096

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4

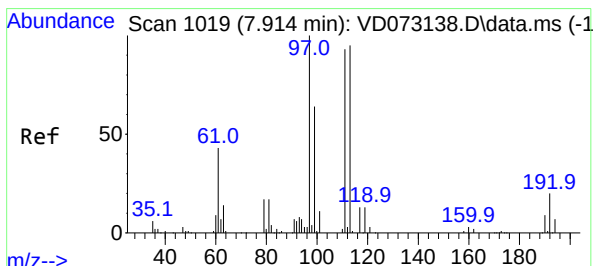
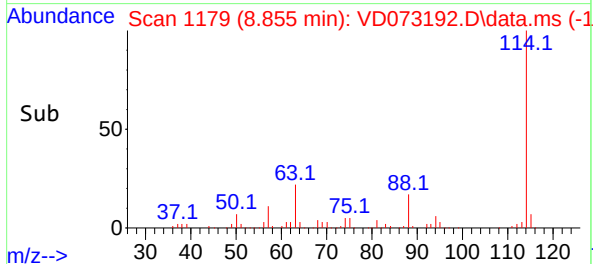
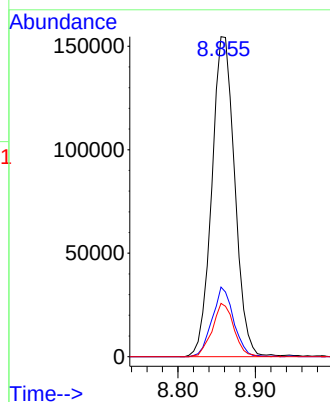
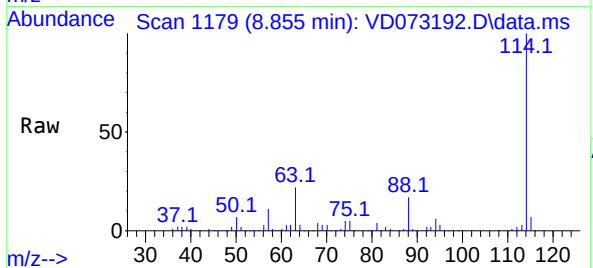




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073192.D
Acq: 20 May 2022 19:22

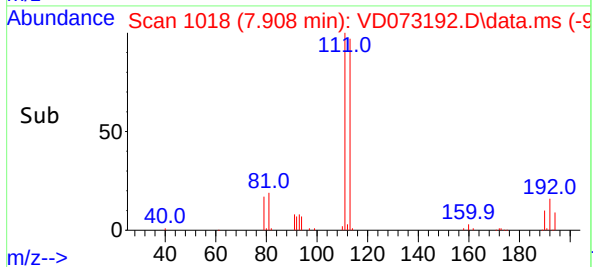
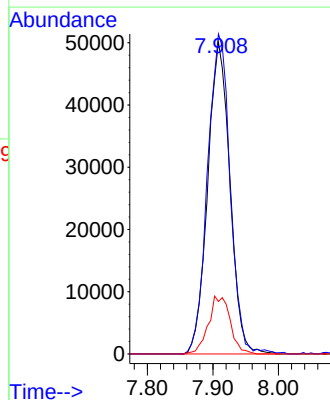
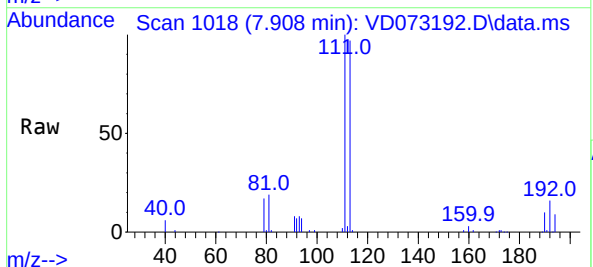
Instrument :
MSVOA_D
ClientSampleId :
SP-1

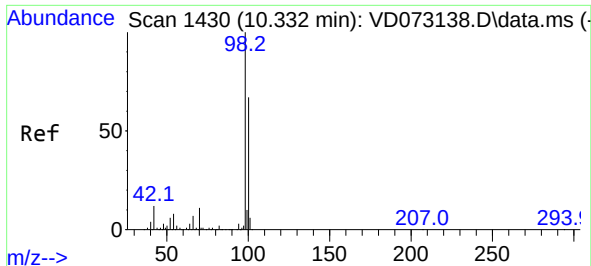
Tgt Ion:114 Resp: 317787
Ion Ratio Lower Upper
114 100
63 21.7 0.0 46.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 56.313 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073192.D
Acq: 20 May 2022 19:22

Tgt Ion:113 Resp: 118086
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.2 14.6 21.8

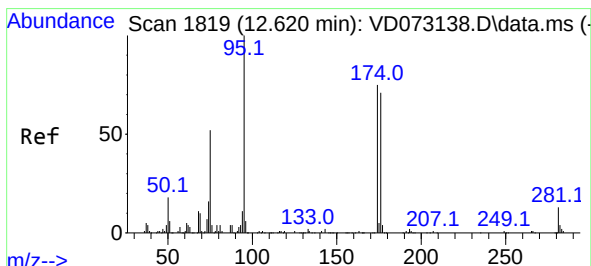
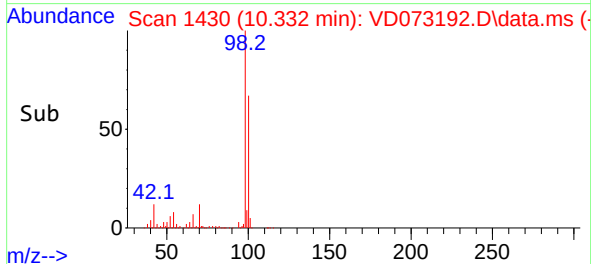
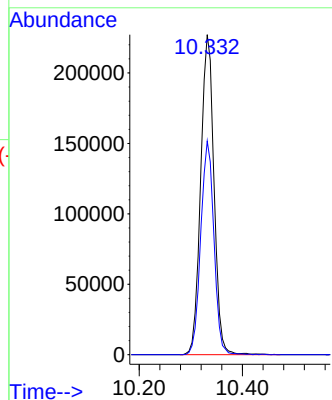
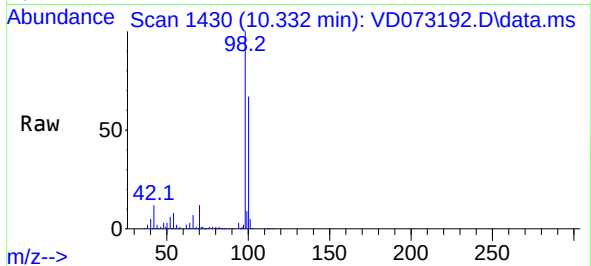




#50
Toluene-d8
Concen: 52.419 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073192.D
Acq: 20 May 2022 19:22

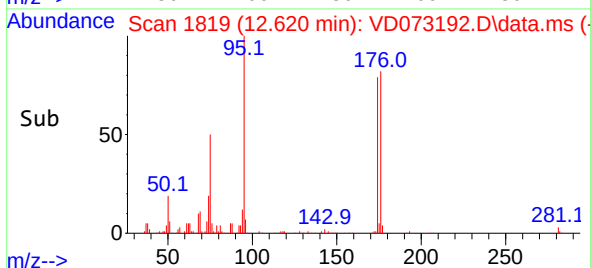
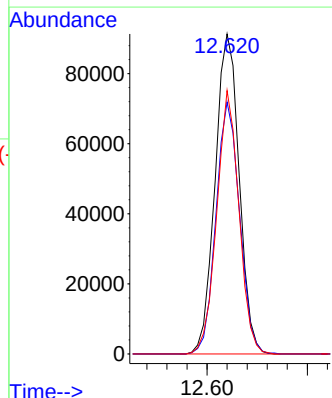
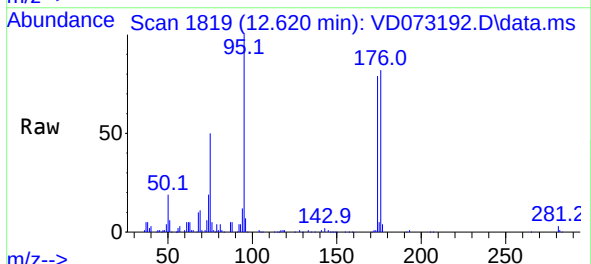
Instrument :
MSVOA_D
ClientSampleId :
SP-1

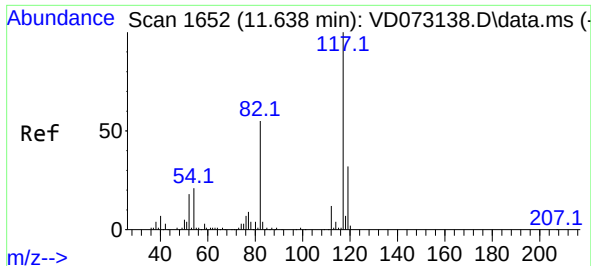
Tgt Ion: 98 Resp: 405193
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.006 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073192.D
Acq: 20 May 2022 19:22

Tgt Ion: 95 Resp: 151931
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 75.9 0.0 145.4

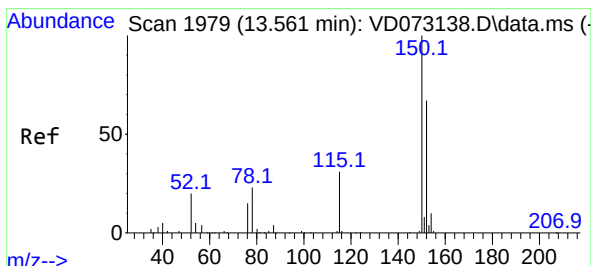
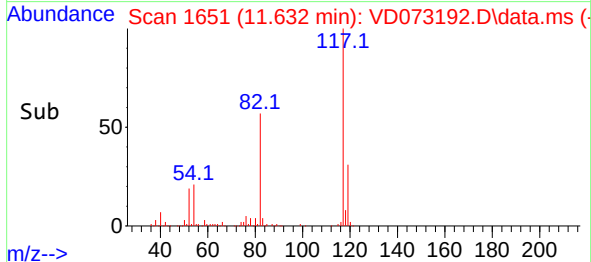
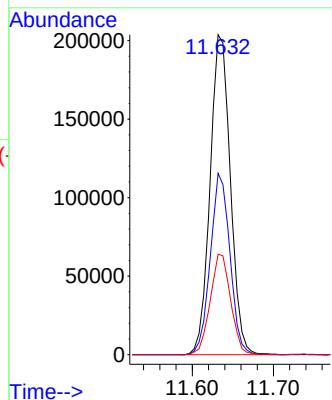
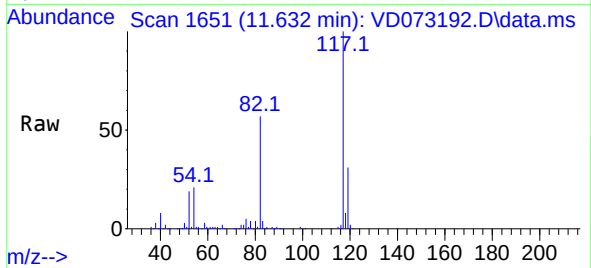




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073192.D
Acq: 20 May 2022 19:22

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 353361
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073192.D
Acq: 20 May 2022 19:22

Tgt Ion:152 Resp: 162252
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 158.6 0.0 348.6

