

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073616.D
 Acq On : 16 Jun 2022 14:34
 Operator : VA/SY
 Sample : N3364-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-061522

Quant Time: Jun 17 01:05:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	270739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	470288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	430808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	187620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152497	52.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.980%
35) Dibromofluoromethane	7.908	113	153819	50.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.332	98	561202	49.082	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.620	95	176097	42.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.840%

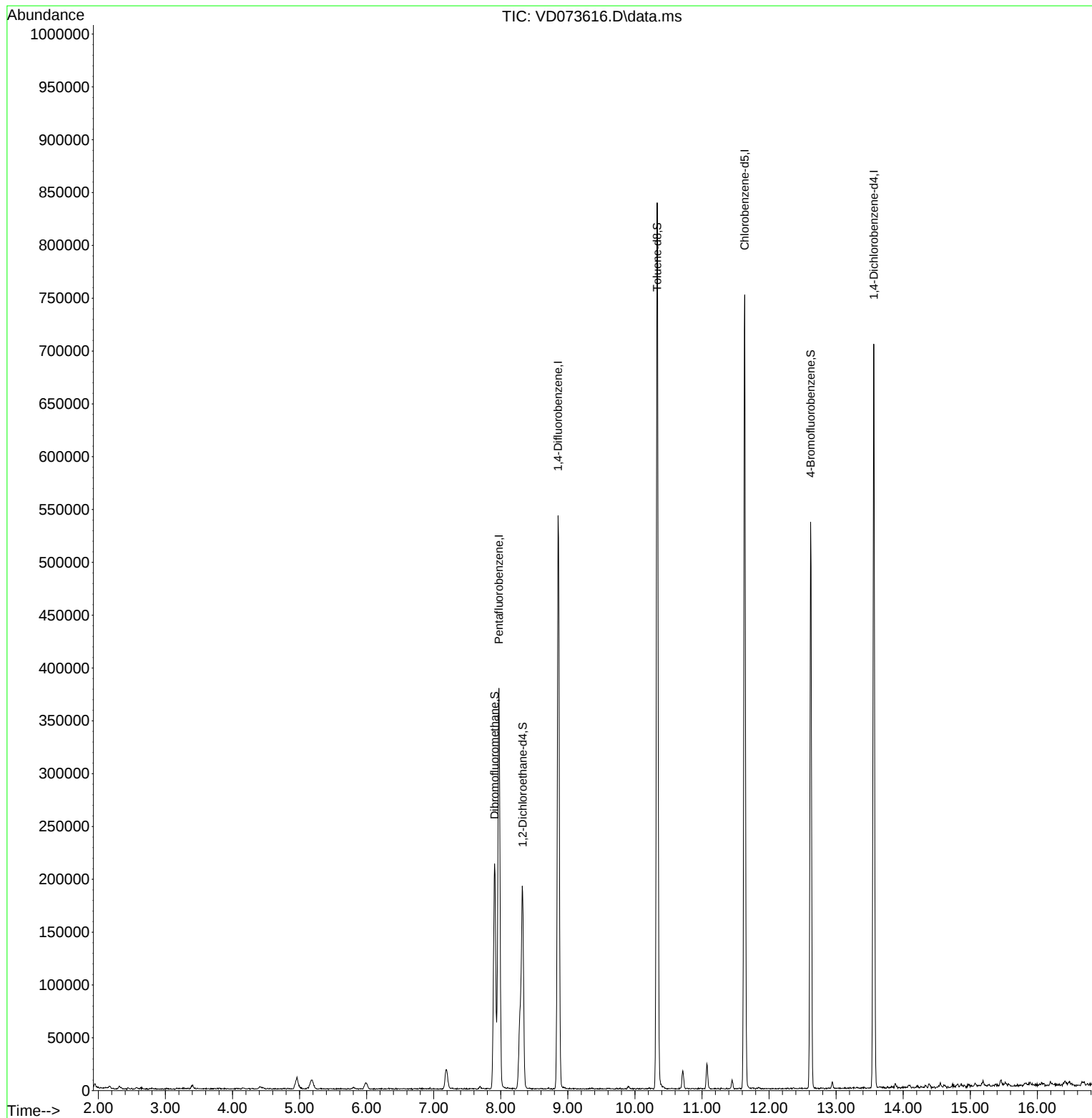
Target Compounds	Qvalue

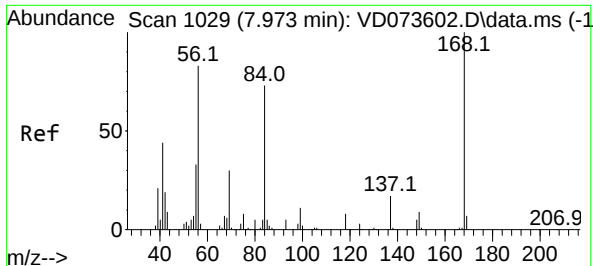
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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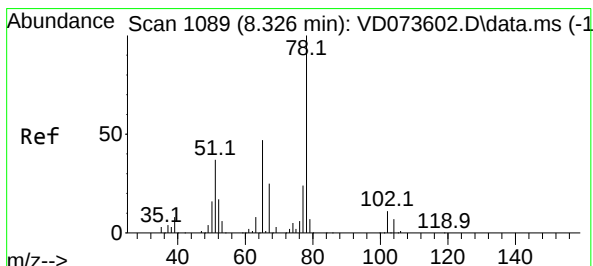
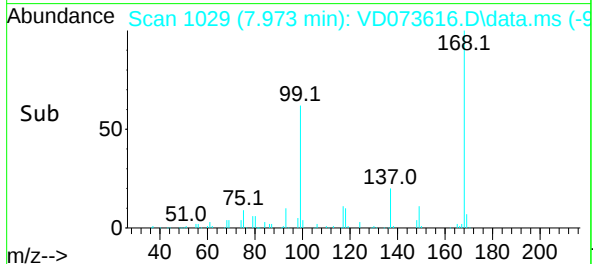
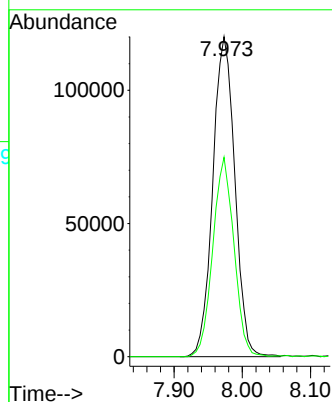
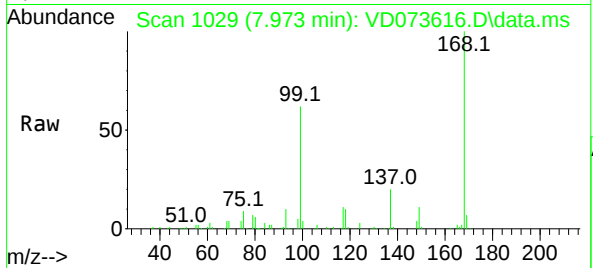




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073616.D
Acq: 16 Jun 2022 14:34

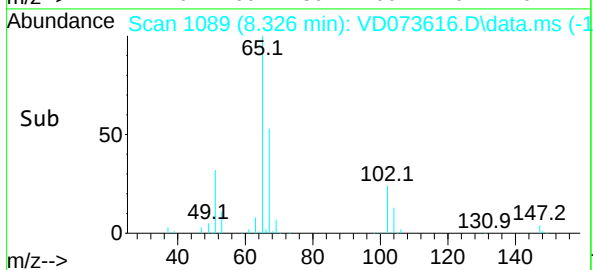
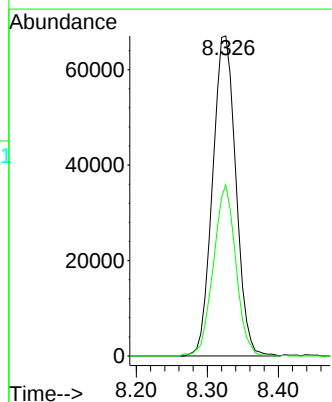
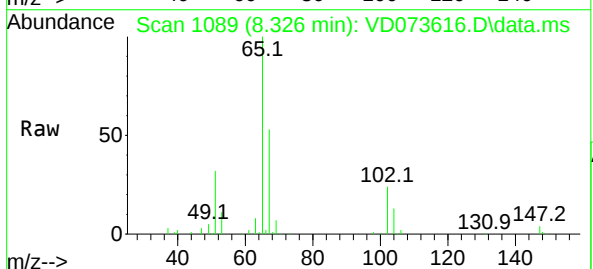
Instrument :
MSVOA_D
ClientSampleId :
OK-02-061522

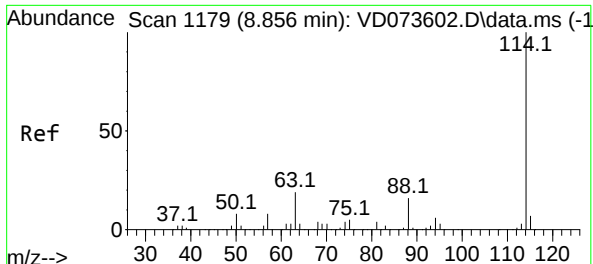
Tgt Ion:168 Resp: 270739
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.488 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073616.D
Acq: 16 Jun 2022 14:34

Tgt Ion: 65 Resp: 152497
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

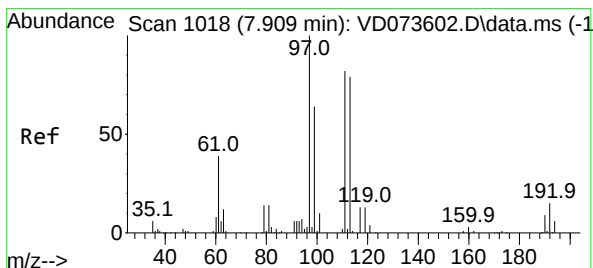
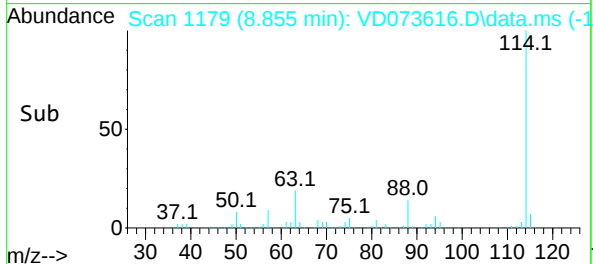
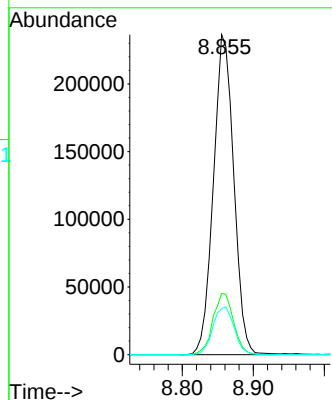
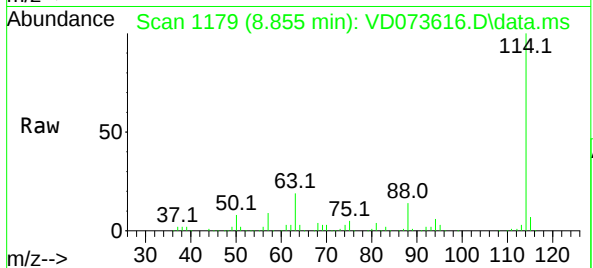




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073616.D
Acq: 16 Jun 2022 14:34

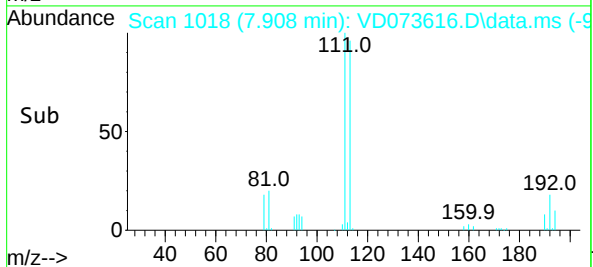
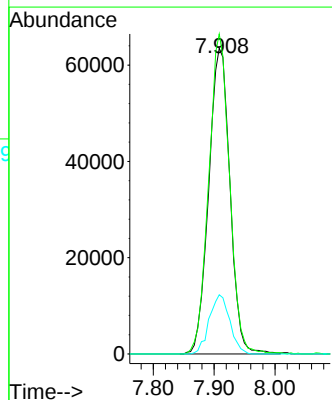
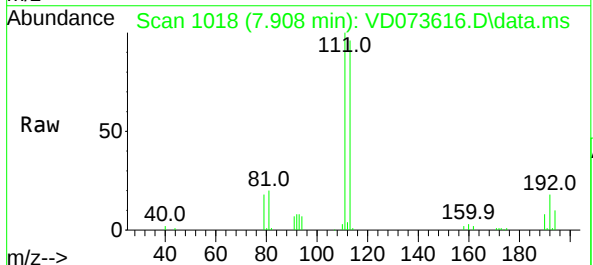
Instrument :
MSVOA_D
ClientSampleId :
OK-02-061522

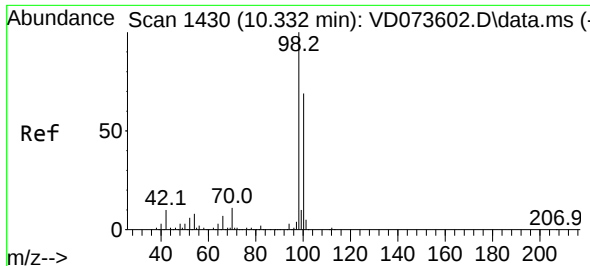
Tgt Ion:114 Resp: 470288
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 14.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073616.D
Acq: 16 Jun 2022 14:34

Tgt Ion:113 Resp: 153819
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.7 14.6 21.8

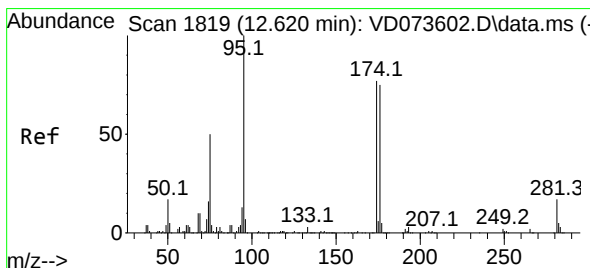
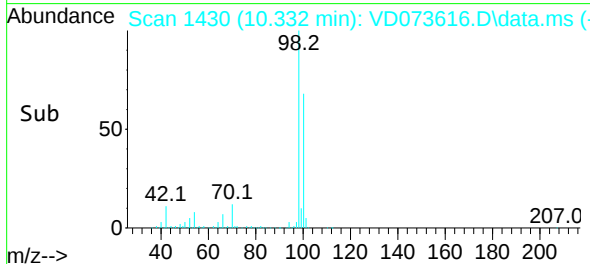
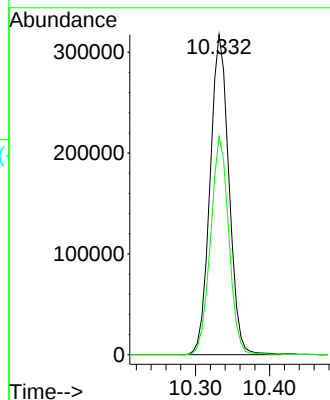
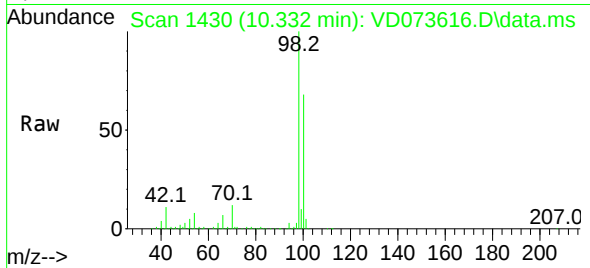




#50
Toluene-d8
Concen: 49.082 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073616.D
Acq: 16 Jun 2022 14:34

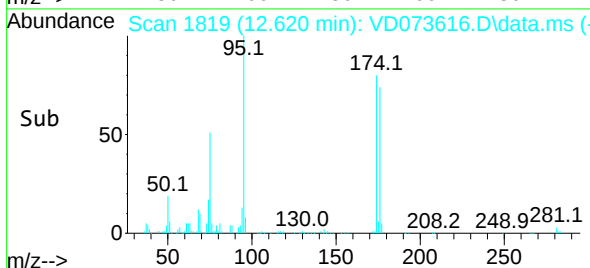
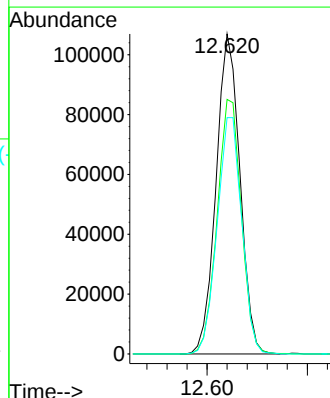
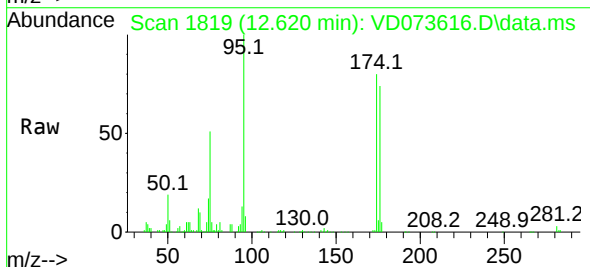
Instrument :
MSVOA_D
ClientSampleId :
OK-02-061522

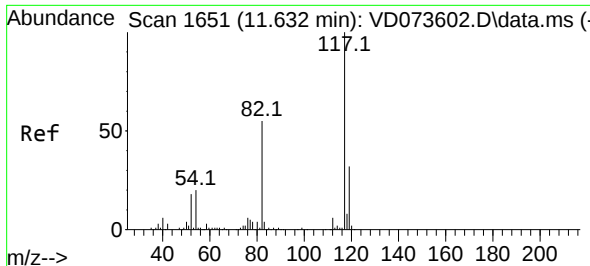
Tgt Ion: 98 Resp: 561202
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.425 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073616.D
Acq: 16 Jun 2022 14:34

Tgt Ion: 95 Resp: 176097
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.8
176 76.4 0.0 145.4

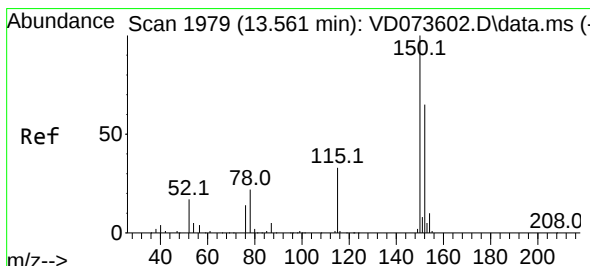
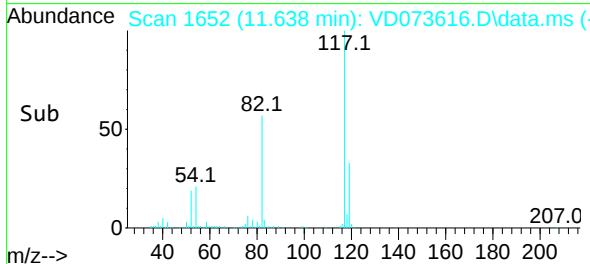
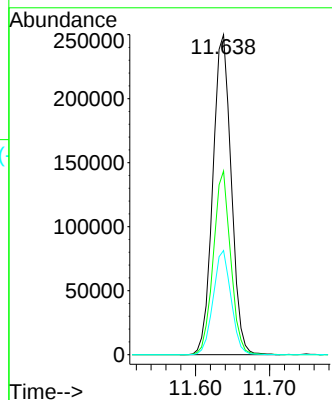
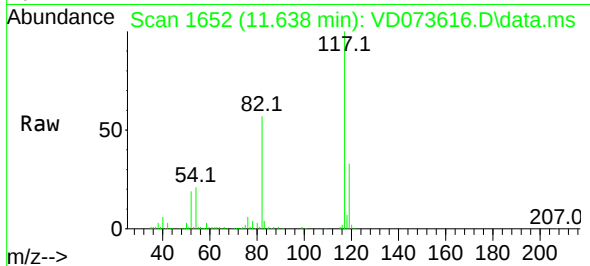




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073616.D
Acq: 16 Jun 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
OK-02-061522

Tgt Ion:117 Resp: 430808
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 32.5 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: VD073616.D
Acq: 16 Jun 2022 14:34

Tgt Ion:152 Resp: 187620
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 158.9 0.0 348.6

