

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072632.D
 Acq On : 19 Apr 2022 18:41
 Operator : VA/SY
 Sample : N2447-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Apr 20 05:04:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	423061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	780852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	756816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	345927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256709	50.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.320%
35) Dibromofluoromethane	7.909	113	262226	43.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.420%
50) Toluene-d8	10.332	98	935736	44.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.720%
62) 4-Bromofluorobenzene	12.620	95	332041	40.306	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.620%

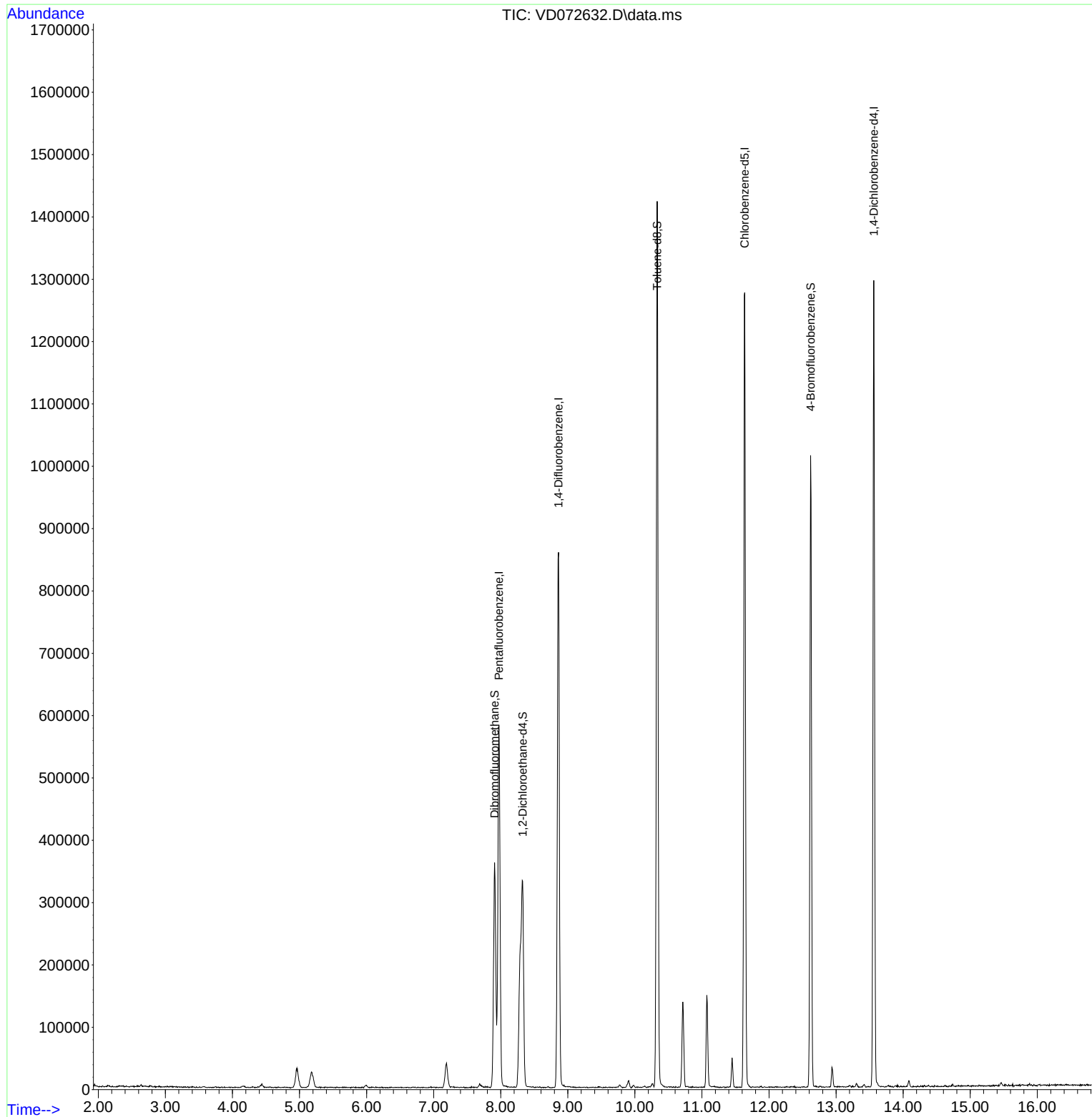
Target Compounds	Qvalue

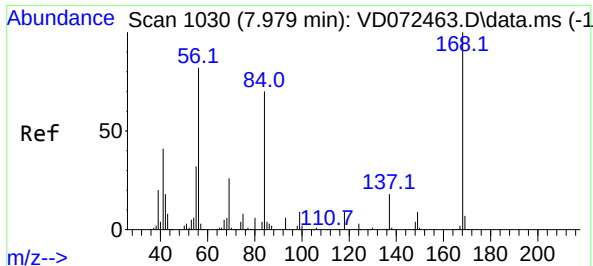
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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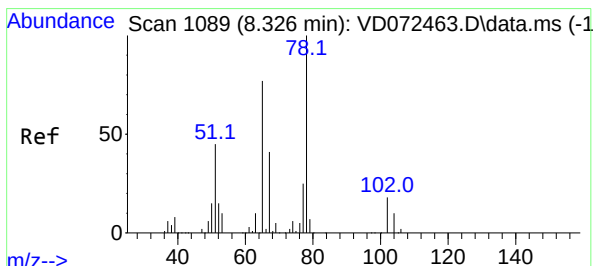
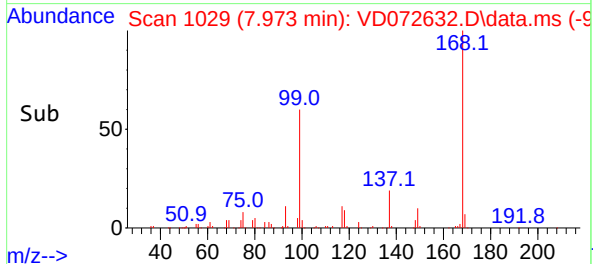
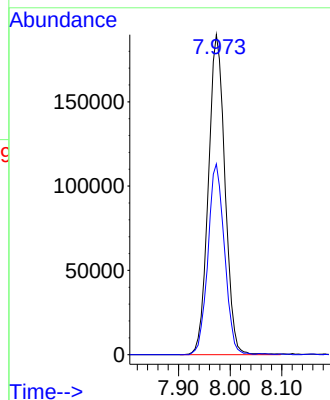
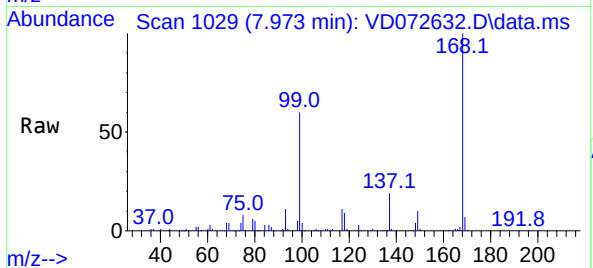




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

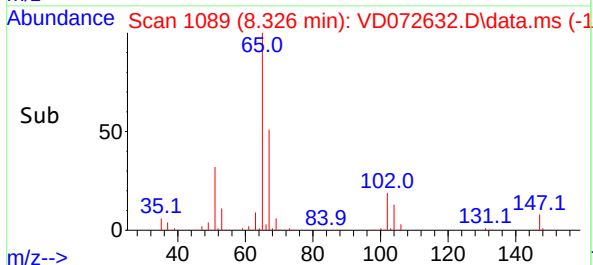
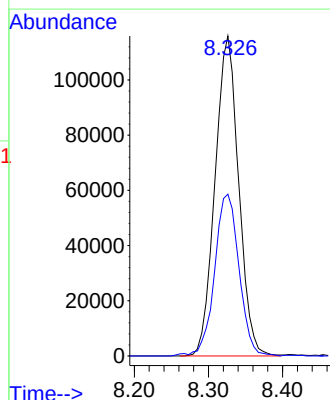
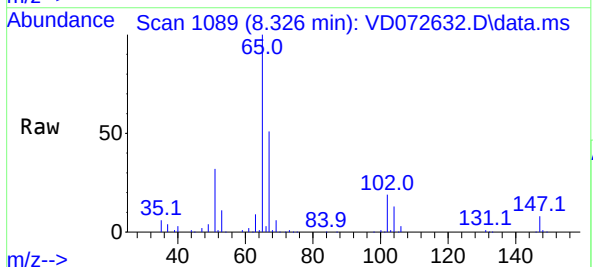
Instrument :
MSVOA_D
ClientSampleId :
VOC

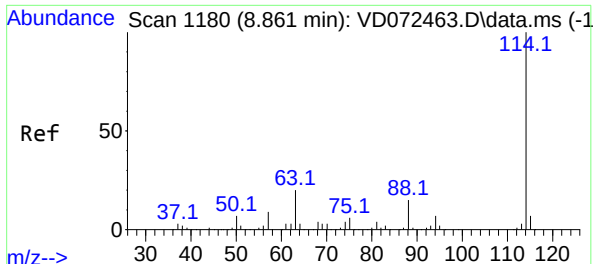
Tgt Ion:168 Resp: 423061
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.161 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

Tgt Ion: 65 Resp: 256709
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

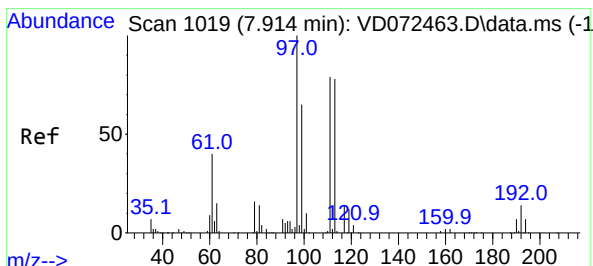
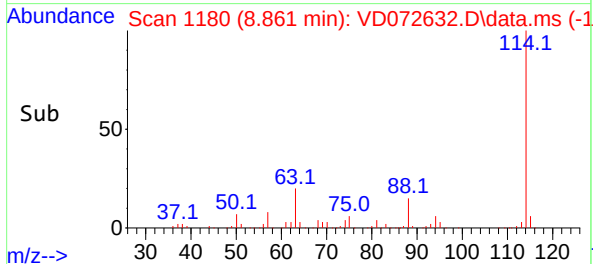
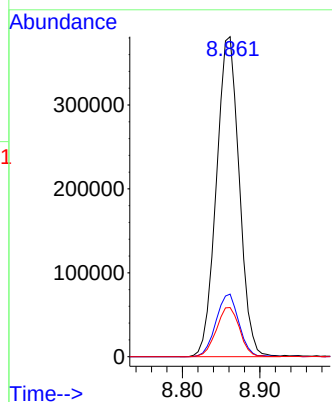
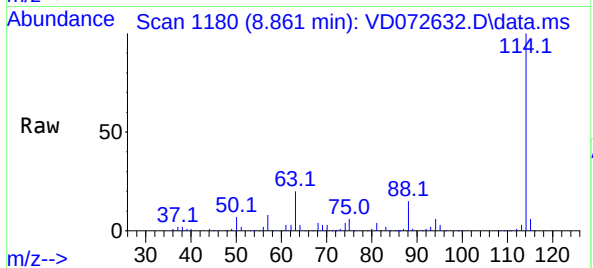




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

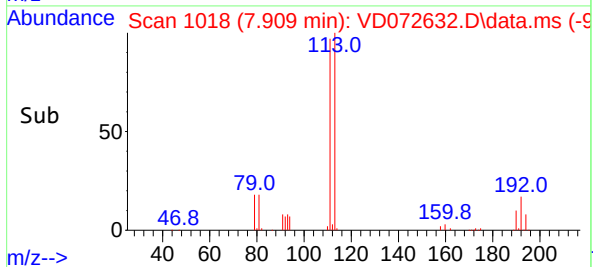
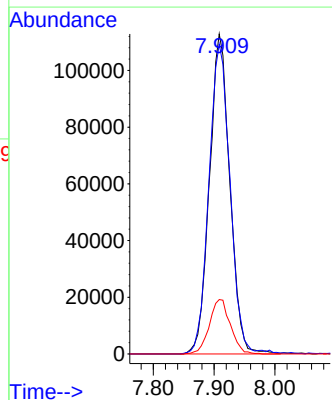
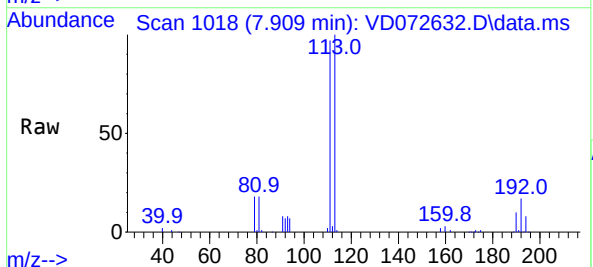
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ClientSampleId :
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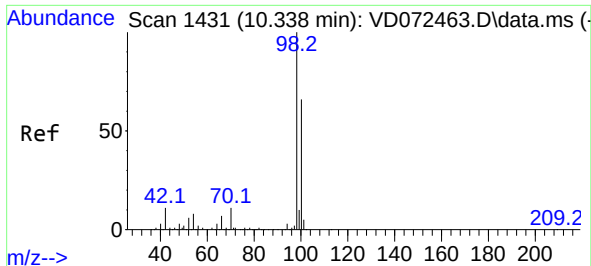
Tgt Ion:114 Resp: 780852
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 43.212 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

Tgt Ion:113 Resp: 262226
Ion Ratio Lower Upper
113 100
111 100.5 83.8 125.6
192 17.5 14.6 21.8

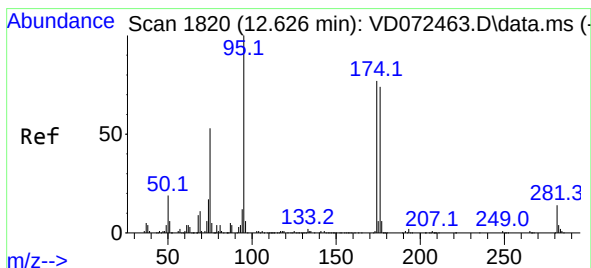
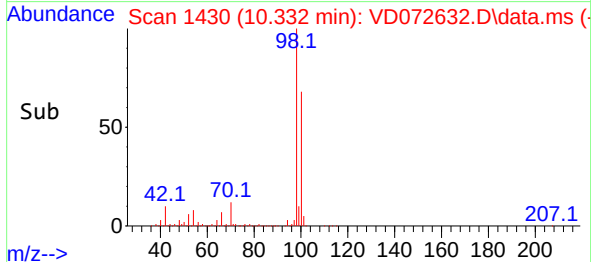
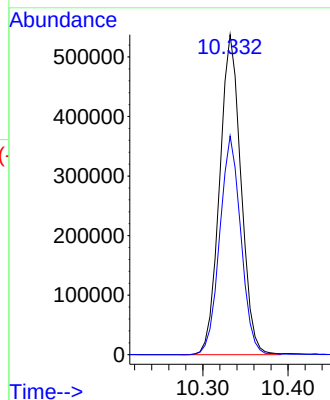
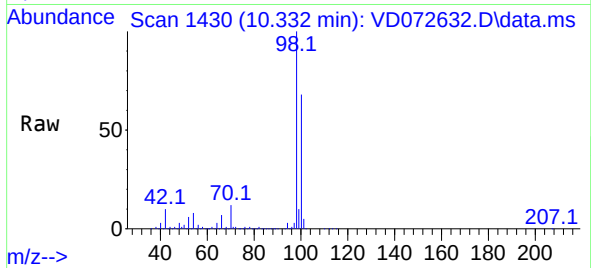




#50
Toluene-d8
Concen: 44.361 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

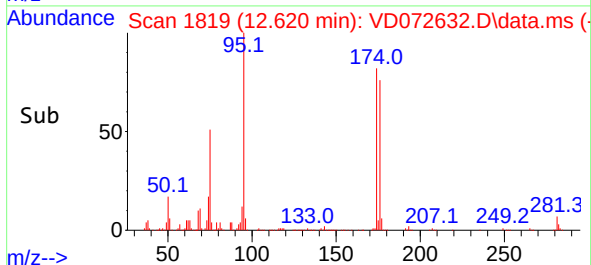
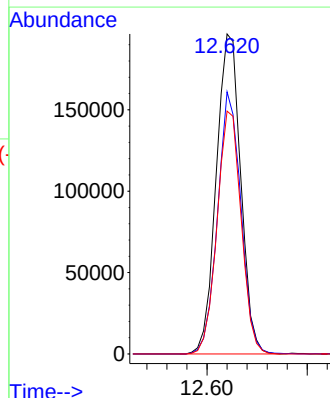
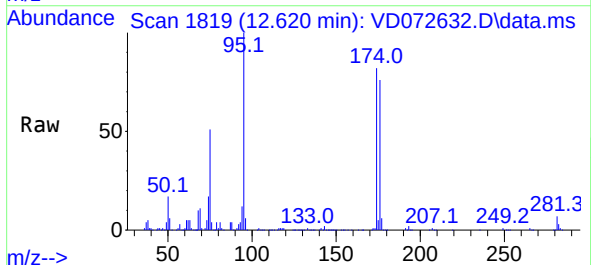
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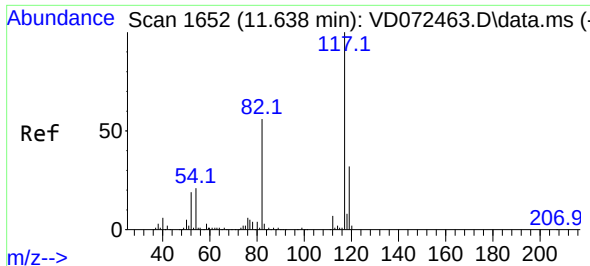
Tgt Ion: 98 Resp: 935736
Ion Ratio Lower Upper
98 100
100 67.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.306 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

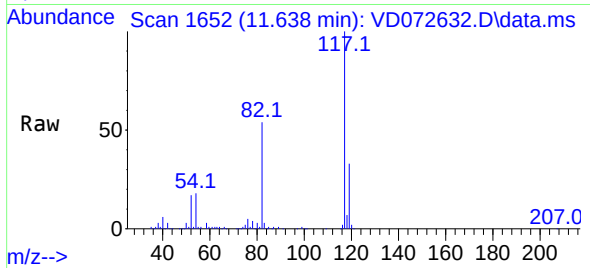
Tgt Ion: 95 Resp: 332041
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 74.8 0.0 145.4



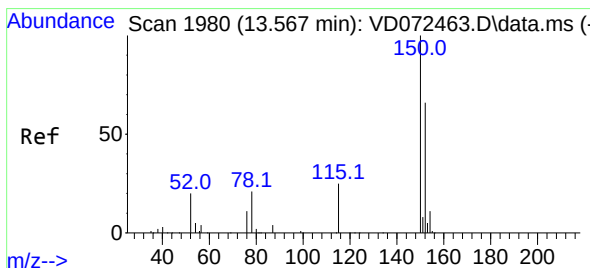
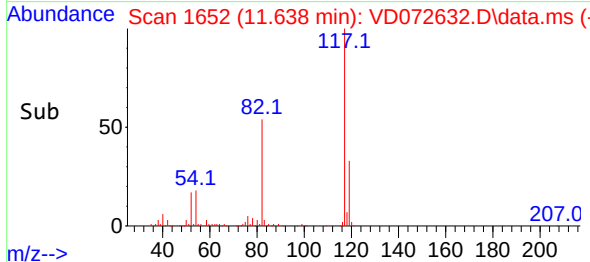
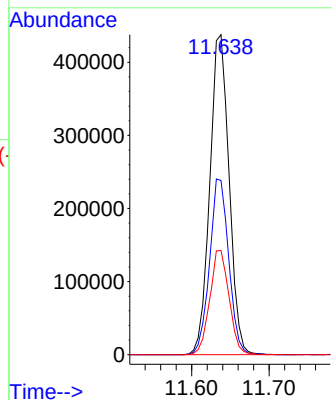


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

Instrument :
MSVOA_D
ClientSampleId :
VOC



Tgt Ion:117 Resp: 756816
Ion Ratio Lower Upper
117 100
82 54.4 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. -0.006 min
Lab File: VD072632.D
Acq: 19 Apr 2022 18:41

Tgt Ion:152 Resp: 345927
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 156.7 0.0 348.6

