

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072633.D
 Acq On : 19 Apr 2022 19:09
 Operator : VA/SY
 Sample : N2434-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RECOVERED-CRUSHED-AGG

Quant Time: Apr 20 05:05:01 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	424861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	773258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	733467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	321924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241884	47.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.120%
35) Dibromofluoromethane	7.914	113	204166	33.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.940%
50) Toluene-d8	10.332	98	922774	44.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.360%
62) 4-Bromofluorobenzene	12.620	95	310838	38.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.200%

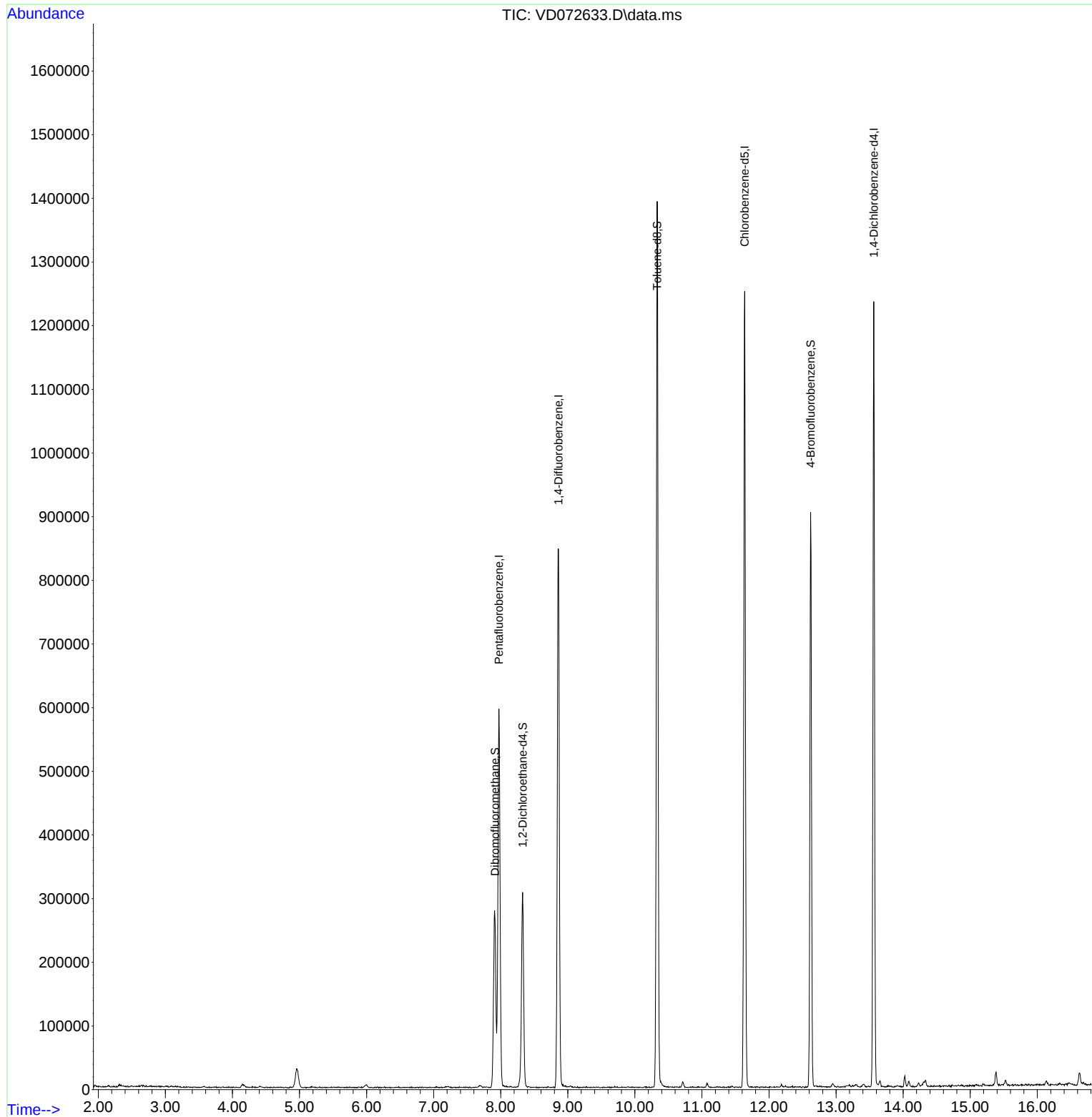
Target Compounds	Qvalue

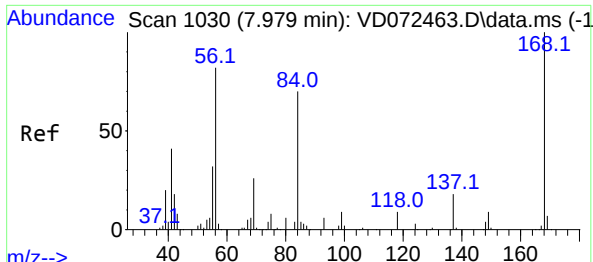
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072633.D

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Instrument :

MSVOA_D

ClientSampleId :

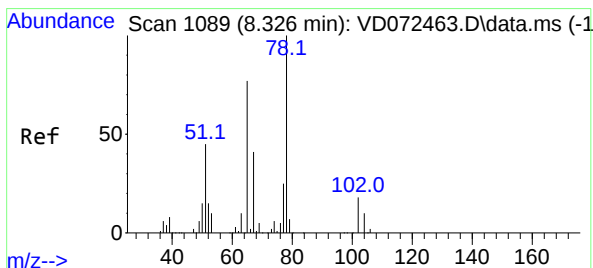
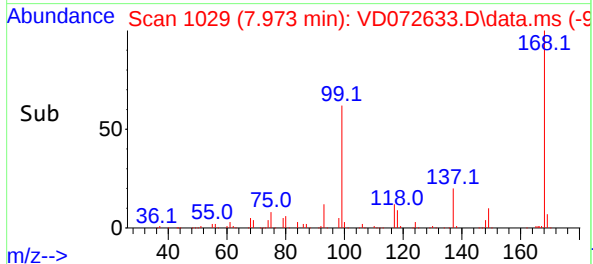
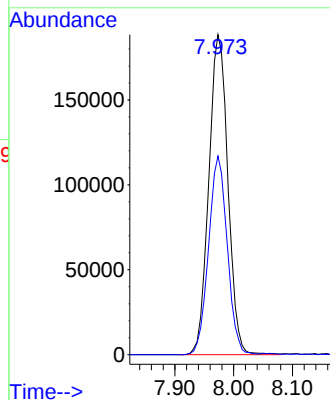
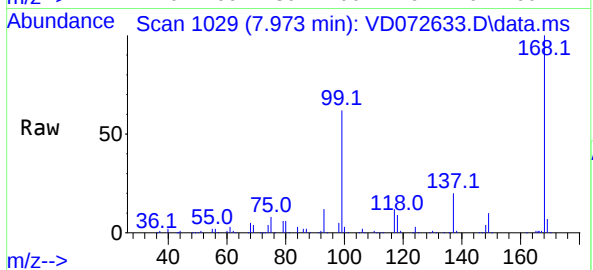
RECOVERED-CRUSHED-AGG

Tgt Ion:168 Resp: 424861

Ion Ratio Lower Upper

168 100

99 62.1 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 47.064 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072633.D

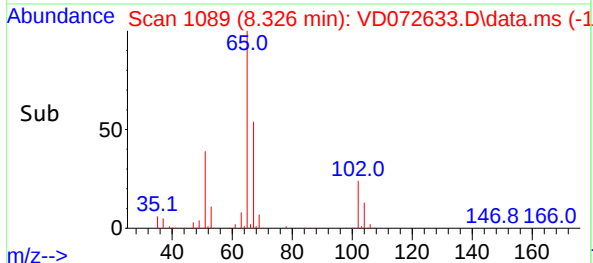
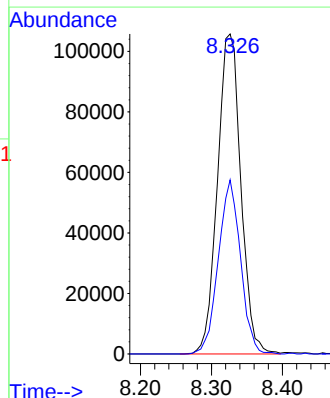
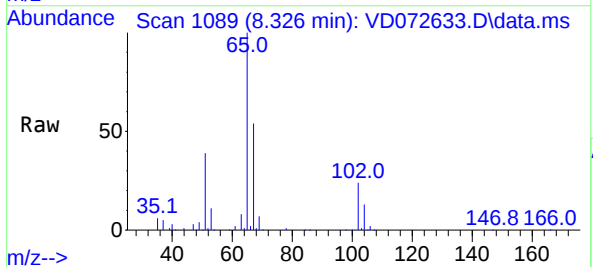
Acq: 19 Apr 2022 19:09

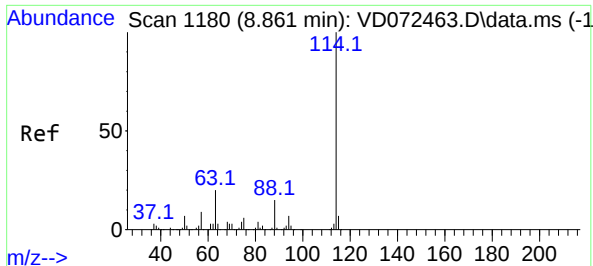
Tgt Ion: 65 Resp: 241884

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4

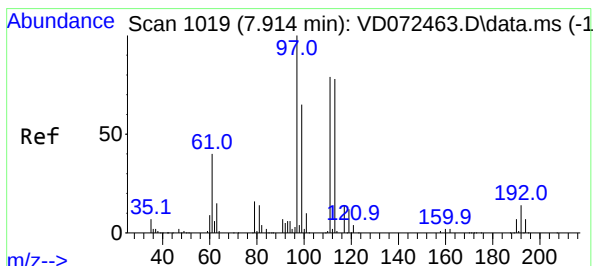
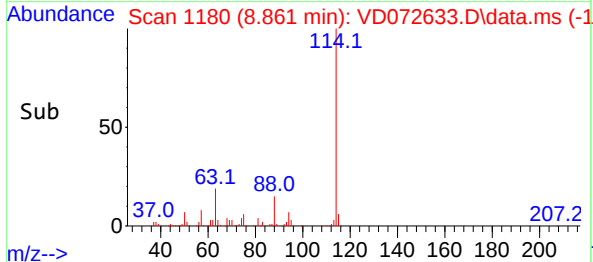
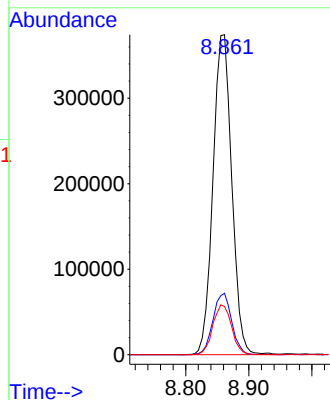
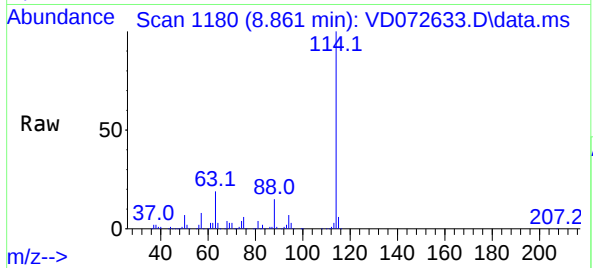




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072633.D
Acq: 19 Apr 2022 19:09

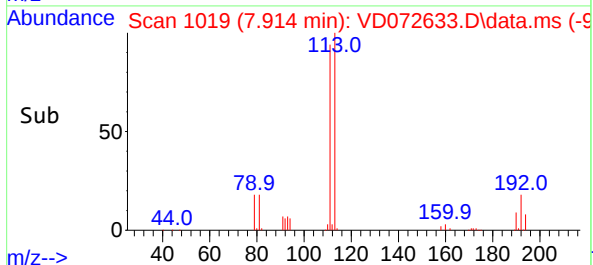
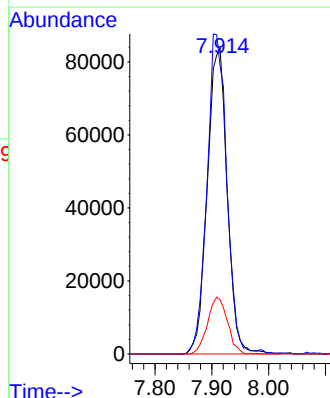
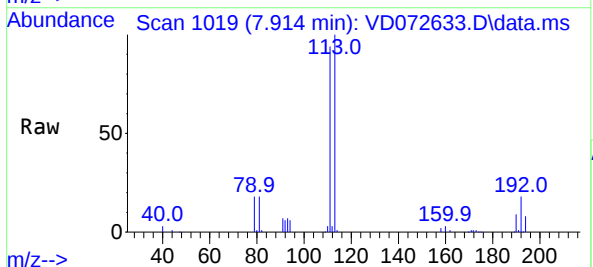
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Tgt Ion:	114	Resp:	773258
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	46.6
88	15.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 33.975 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072633.D
Acq: 19 Apr 2022 19:09

Tgt Ion:	113	Resp:	204166
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	18.5	14.6	21.8

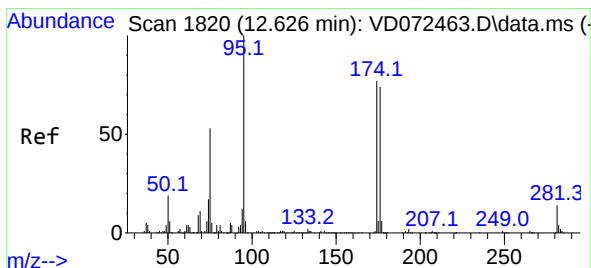
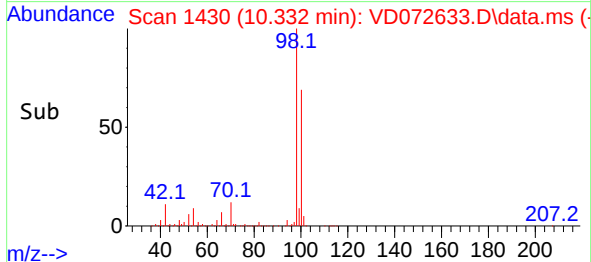
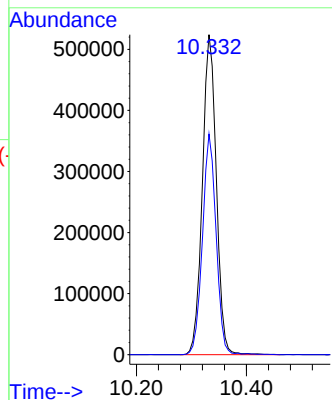
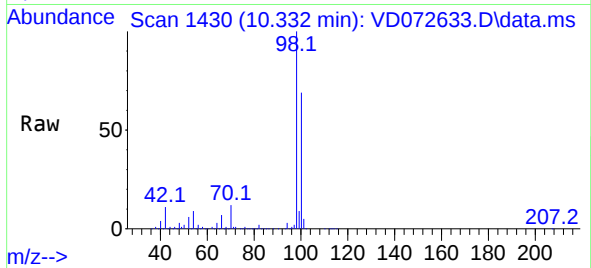




#50
Toluene-d8
Concen: 44.176 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072633.D
Acq: 19 Apr 2022 19:09

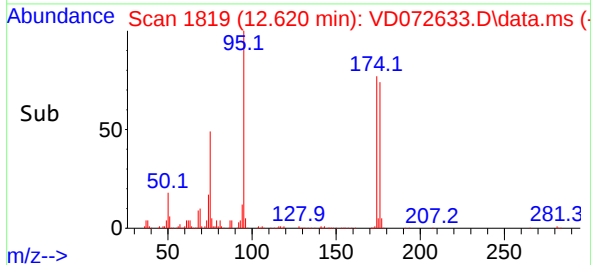
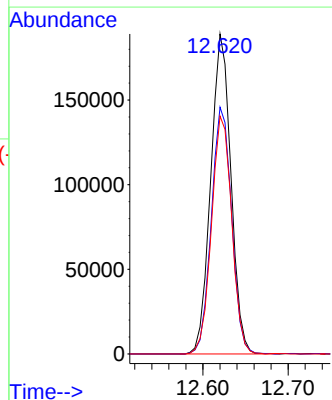
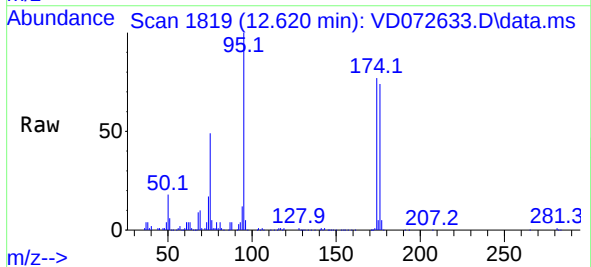
Instrument :
MSVOA_D
ClientSampleId :
RECOVERED-CRUSHED-AGG

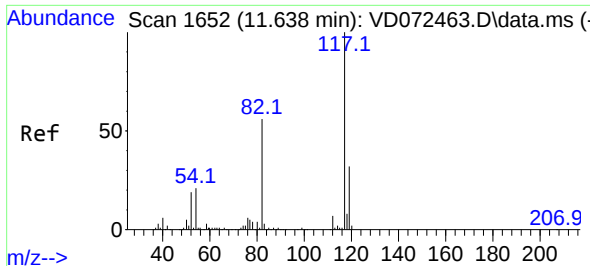
Tgt Ion: 98 Resp: 922774
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.102 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072633.D
Acq: 19 Apr 2022 19:09

Tgt Ion: 95 Resp: 310838
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 74.5 0.0 145.4

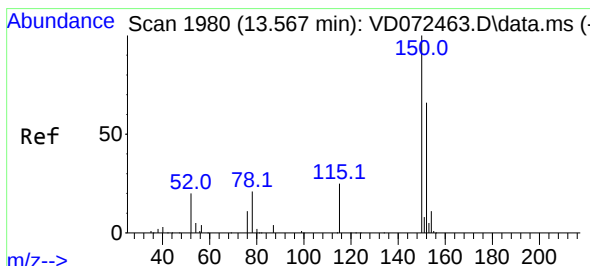
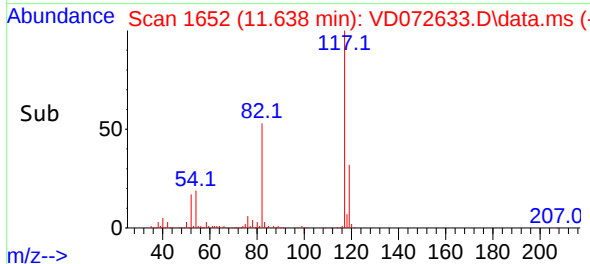
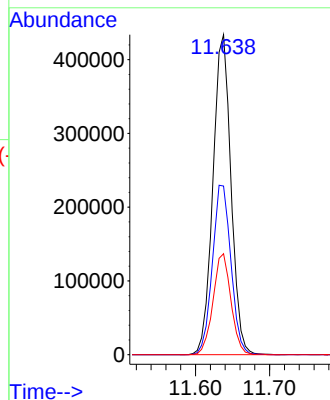
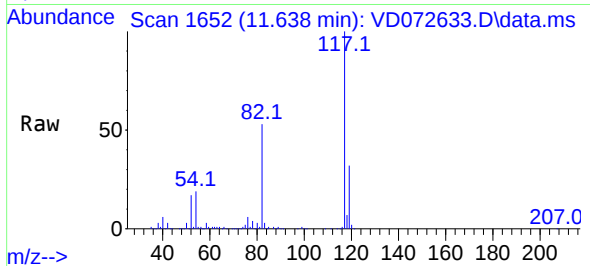




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072633.D
Acq: 19 Apr 2022 19:09

Instrument :
MSVOA_D
ClientSampleId :
RECOVERED-CRUSHED-AGG

Tgt Ion:117 Resp: 733467
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 31.6 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: VD072633.D
Acq: 19 Apr 2022 19:09

Tgt Ion:152 Resp: 321924
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 158.1 0.0 348.6

