

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072588.D
 Acq On : 11 Apr 2022 15:23
 Operator : VA/SY
 Sample : N2317-23
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-B

Quant Time: Apr 12 01:03:42 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	542658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	991487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	956407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	440718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	315075	47.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.908	113	326628	42.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.780%
50) Toluene-d8	10.332	98	1227617	45.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.620	95	439759	42.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.080%

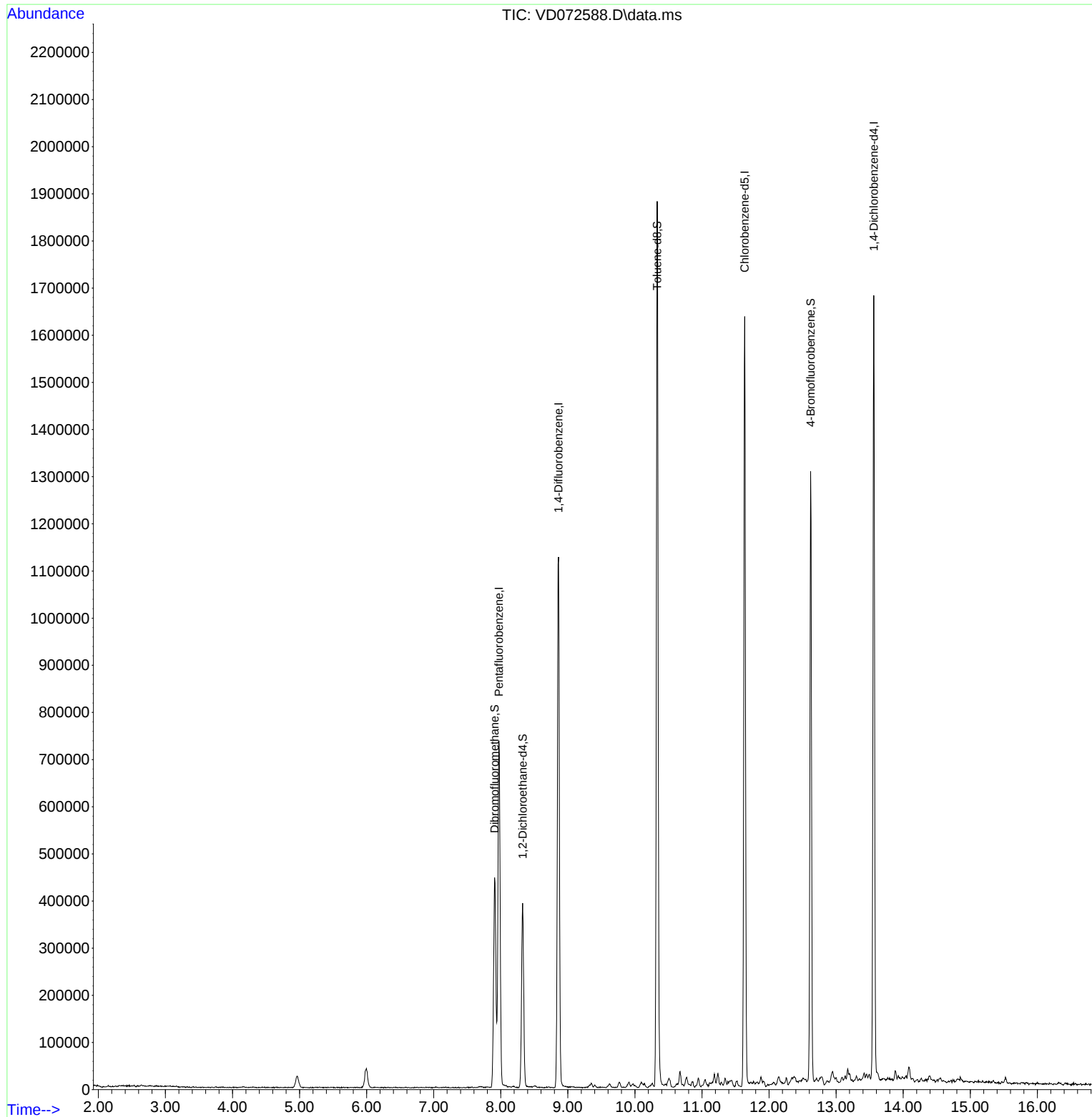
Target Compounds	Qvalue

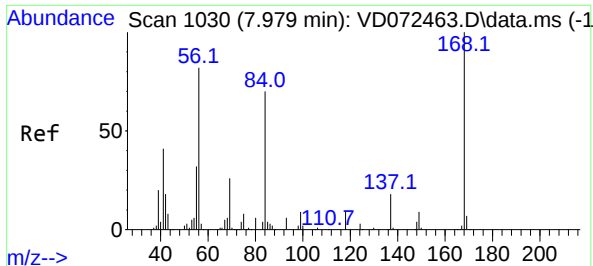
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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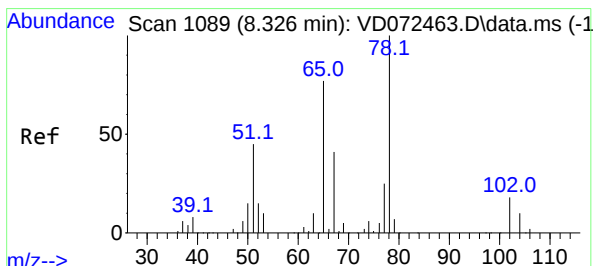
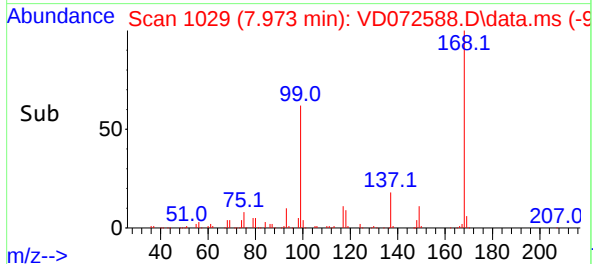
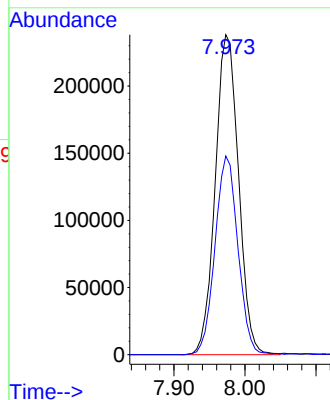
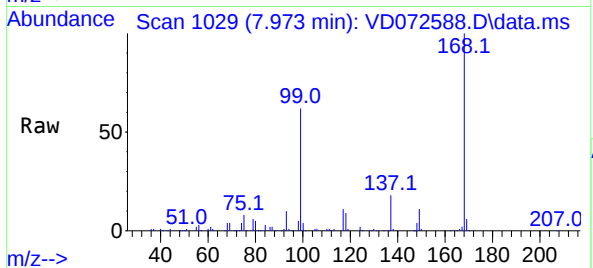




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072588.D
Acq: 11 Apr 2022 15:23

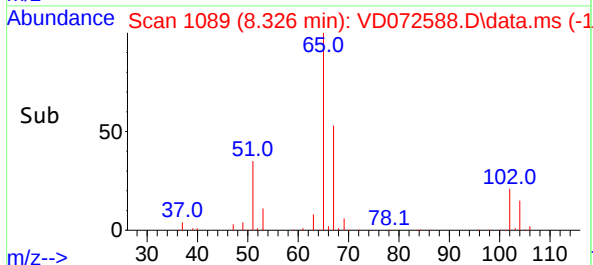
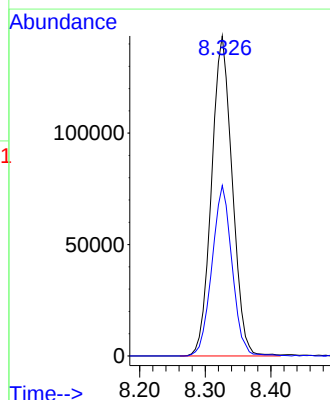
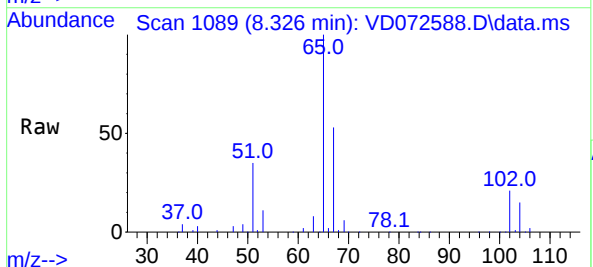
Instrument :
MSVOA_D
ClientSampleId :
TP2-B

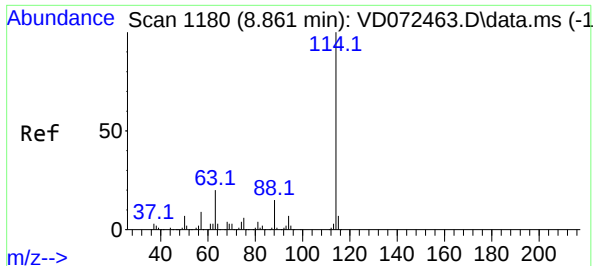
Tgt Ion:168 Resp: 542658
Ion Ratio Lower Upper
168 100
99 62.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.997 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072588.D
Acq: 11 Apr 2022 15:23

Tgt Ion: 65 Resp: 315075
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4



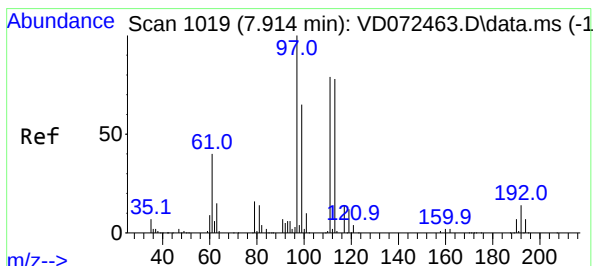
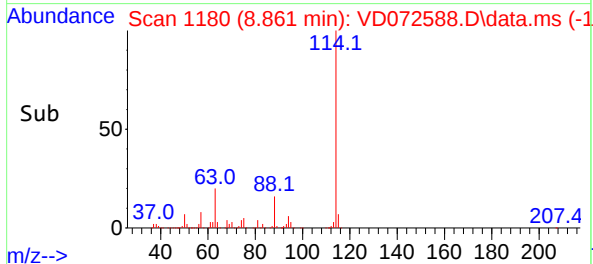
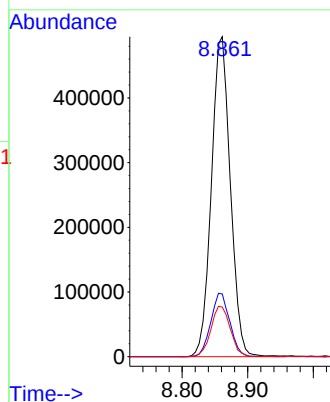
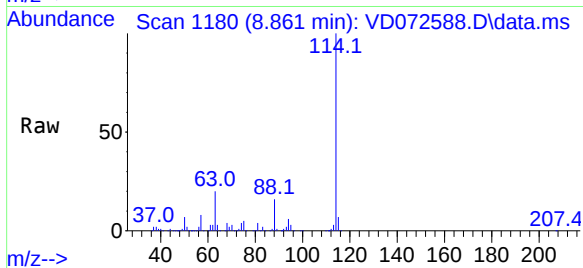


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072588.D
Acq: 11 Apr 2022 15:23

Instrument :
MSVOA_D
ClientSampleId :
TP2-B

Tgt Ion:114 Resp: 991487

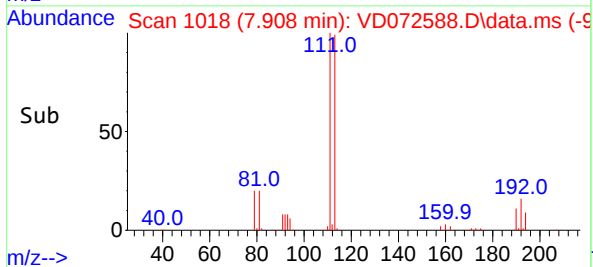
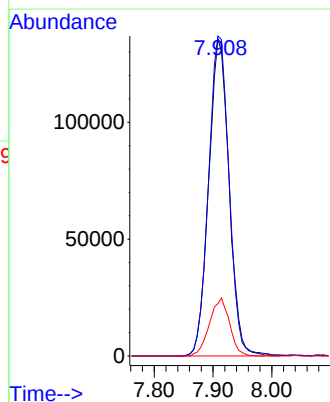
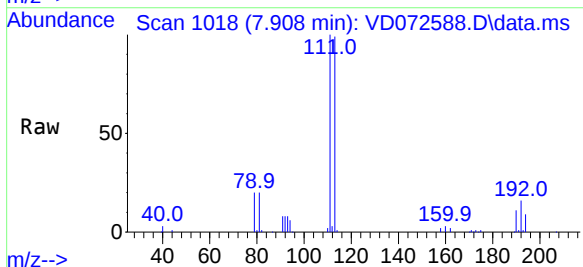
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	46.6
88	15.5	0.0	33.2

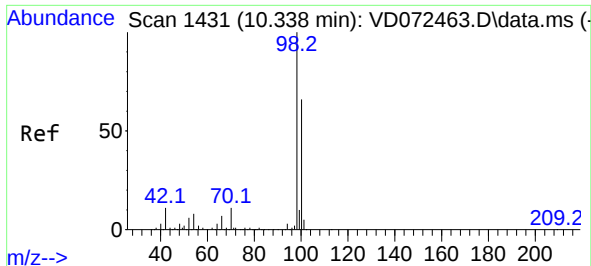


#35
Dibromofluoromethane
Concen: 42.390 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072588.D
Acq: 11 Apr 2022 15:23

Tgt Ion:113 Resp: 326628

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	18.0	14.6	21.8

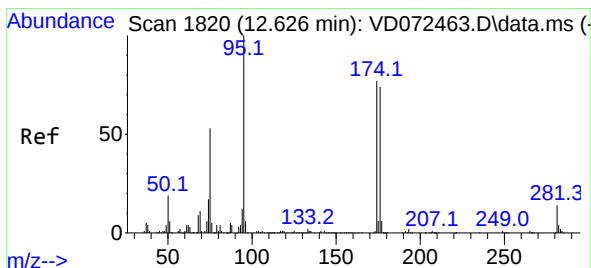
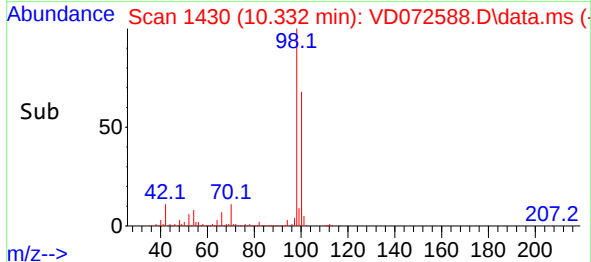
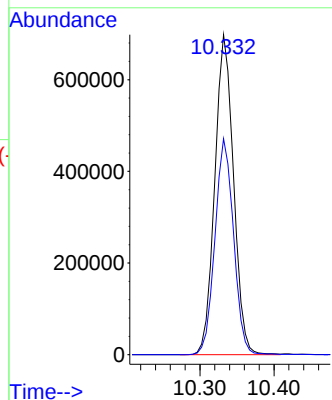
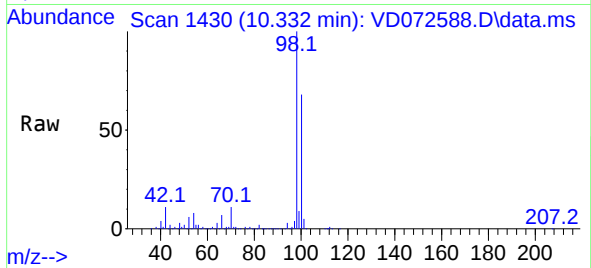




#50
Toluene-d8
Concen: 45.834 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072588.D
Acq: 11 Apr 2022 15:23

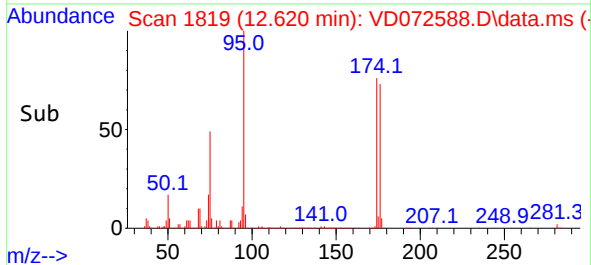
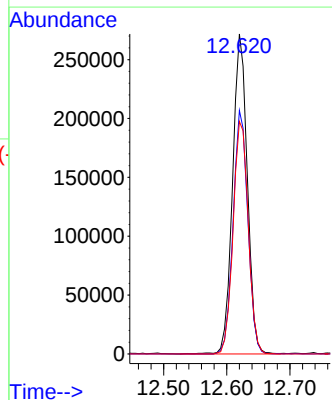
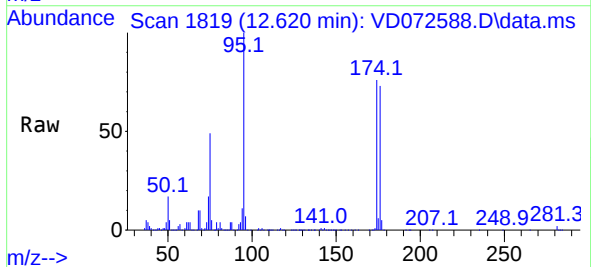
Instrument :
MSVOA_D
ClientSampleId :
TP2-B

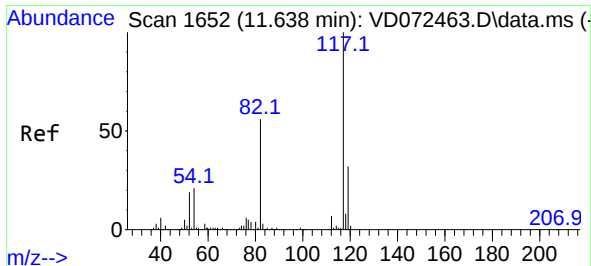
Tgt Ion: 98 Resp: 1227617
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.041 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072588.D
Acq: 11 Apr 2022 15:23

Tgt Ion: 95 Resp: 439759
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 74.7 0.0 145.4

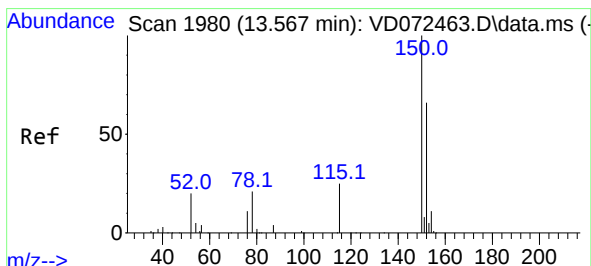
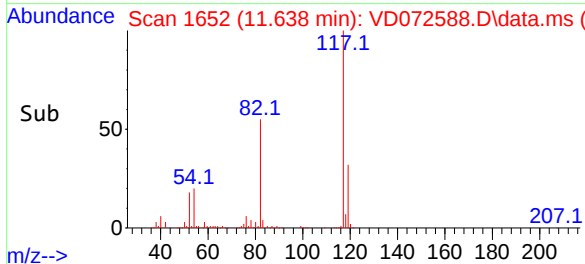
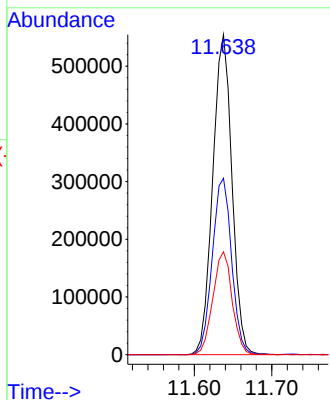
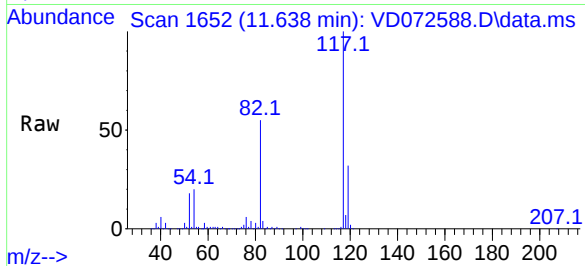




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072588.D
Acq: 11 Apr 2022 15:23

Instrument :
MSVOA_D
ClientSampleId :
TP2-B

Tgt Ion:117 Resp: 956407
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.1 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: VD072588.D
Acq: 11 Apr 2022 15:23

Tgt Ion:152 Resp: 440718
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 156.9 0.0 348.6

