

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072480.D
 Acq On : 30 Mar 2022 15:44
 Operator : VA/SY
 Sample : N2150-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 362

Quant Time: Mar 31 03:09:28 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	7.979	168	17897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	30781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	36451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14651	67.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.340%
35) Dibromofluoromethane	7.908	113	13732	57.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.820%
50) Toluene-d8	10.337	98	36404	43.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.560%
62) 4-Bromofluorobenzene	12.620	95	17375	53.504	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.000%

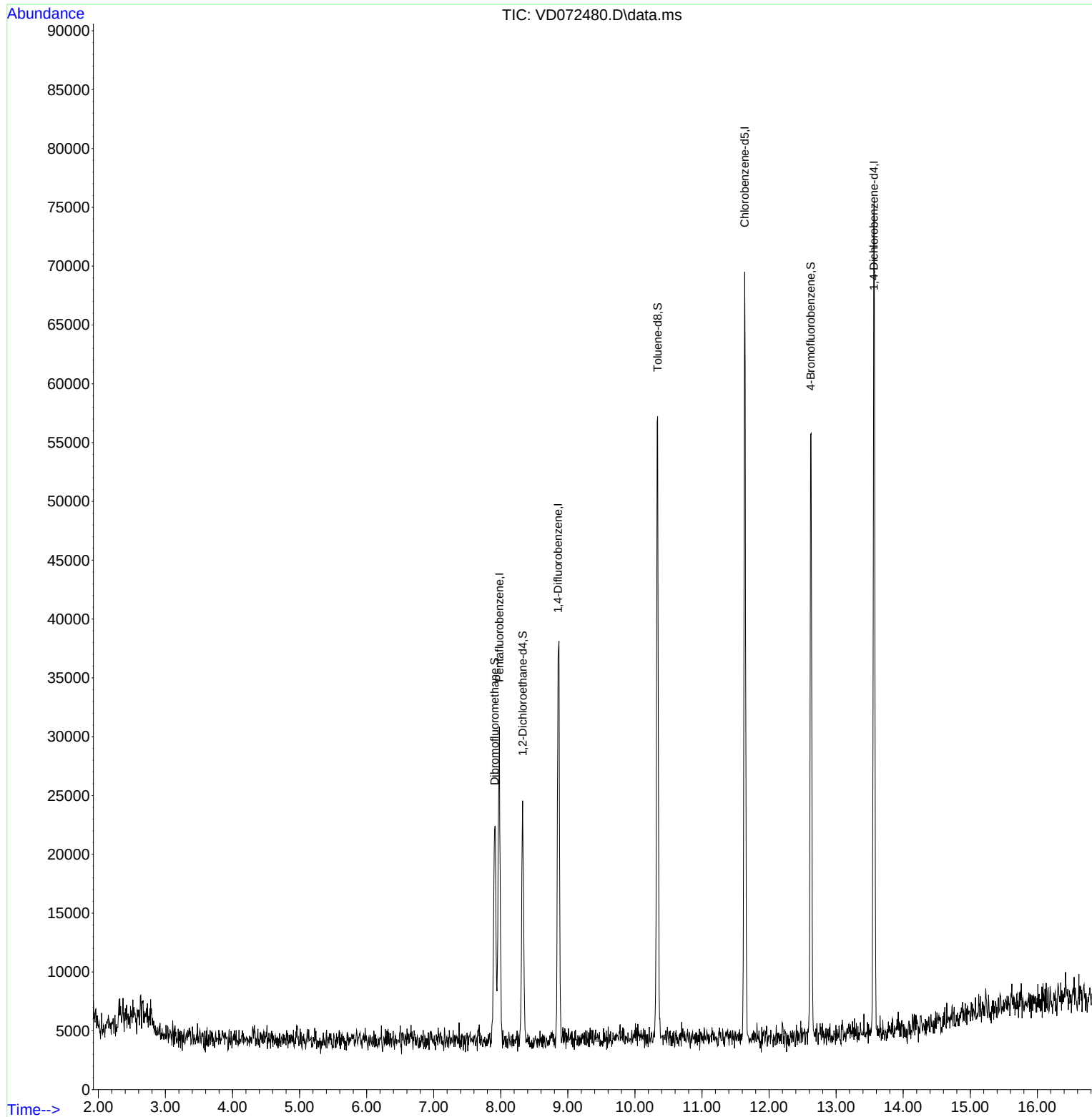
Target Compounds	Qvalue

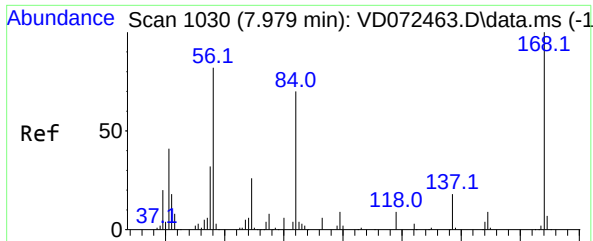
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072480.D

Acq: 30 Mar 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

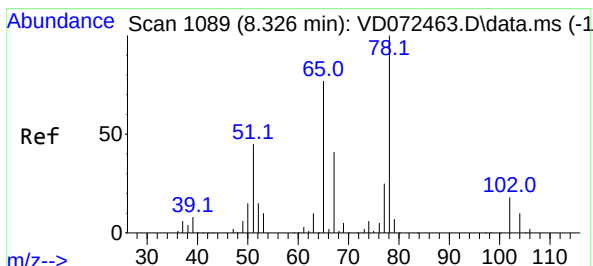
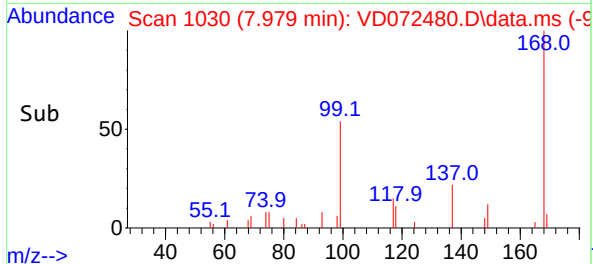
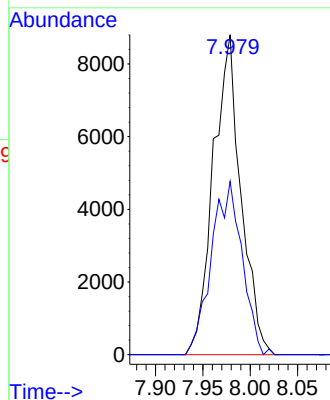
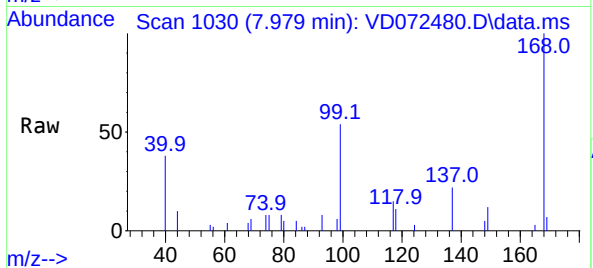
362

Tgt Ion:168 Resp: 17897

Ion Ratio Lower Upper

168 100

99 54.2 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 67.672 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072480.D

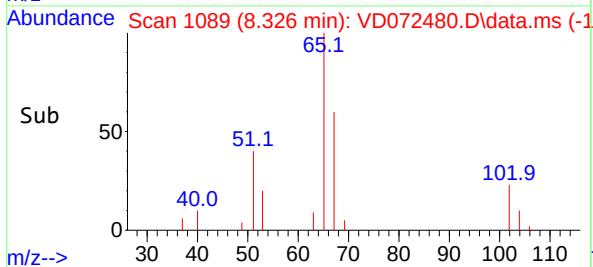
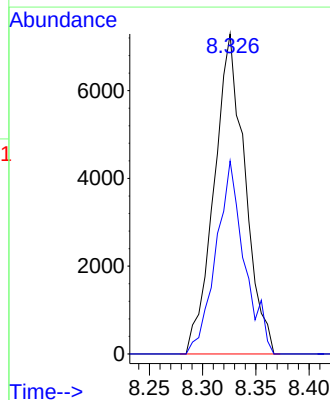
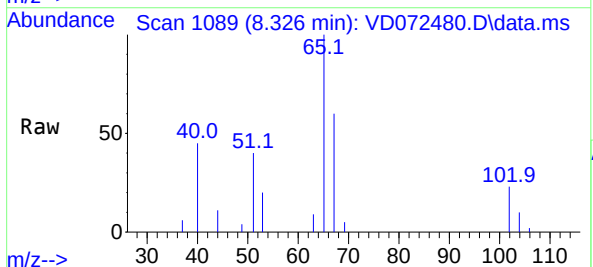
Acq: 30 Mar 2022 15:44

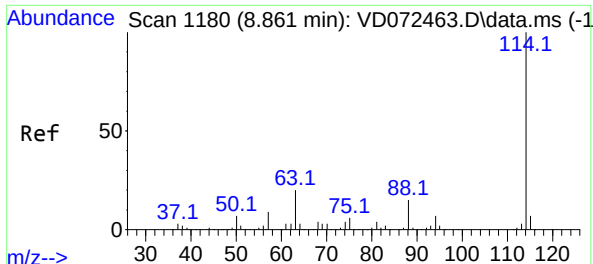
Tgt Ion: 65 Resp: 14651

Ion Ratio Lower Upper

65 100

67 55.8 0.0 101.4



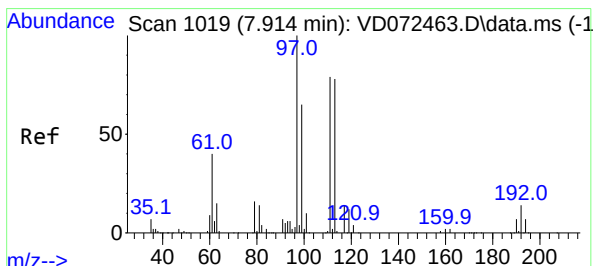
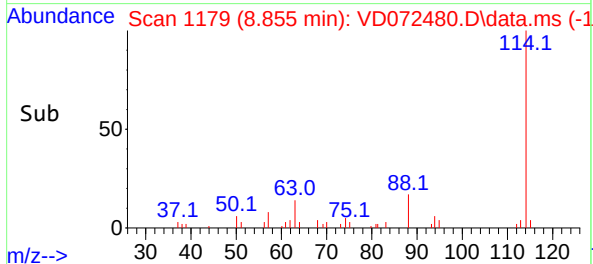
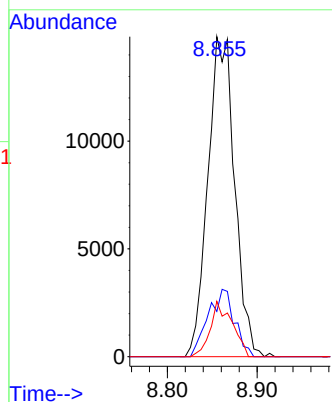
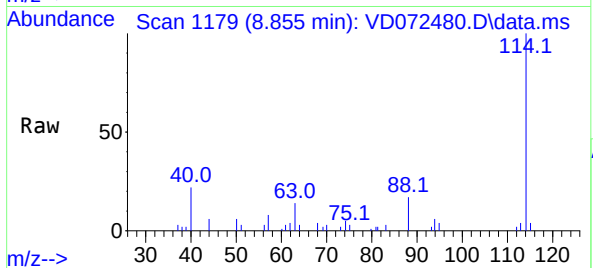


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :
362

Tgt Ion:114 Resp: 30781

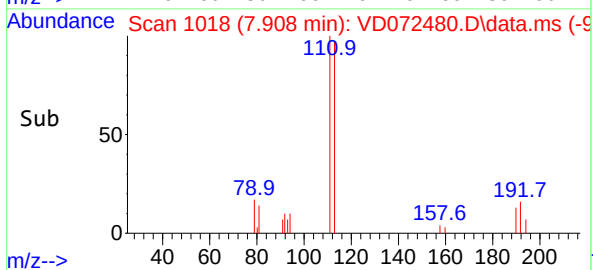
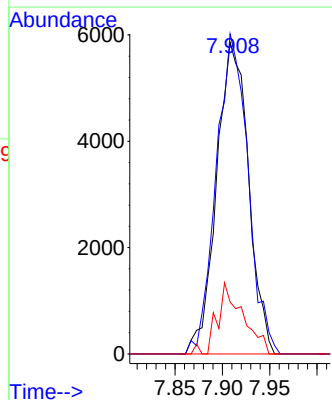
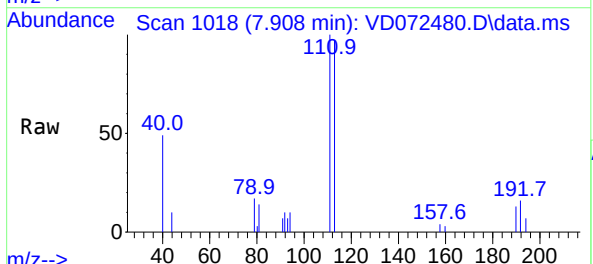
Ion	Ratio	Lower	Upper
114	100		
63	14.2	0.0	46.6
88	17.3	0.0	33.2

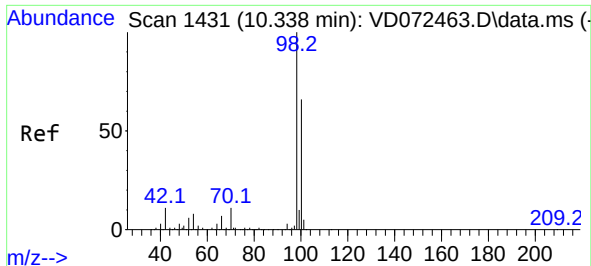


#35
Dibromofluoromethane
Concen: 57.405 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion:113 Resp: 13732

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	18.3	14.6	21.8

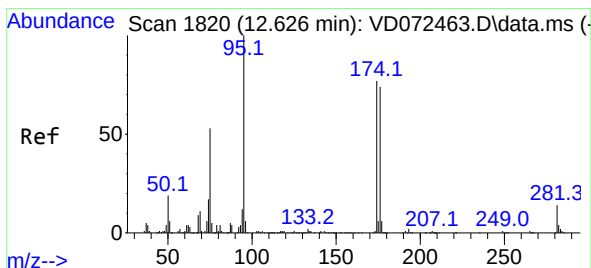
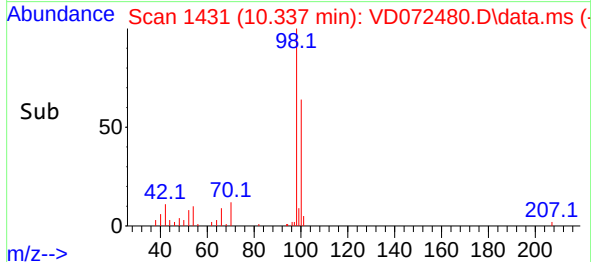
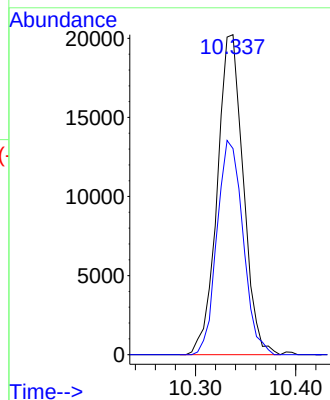
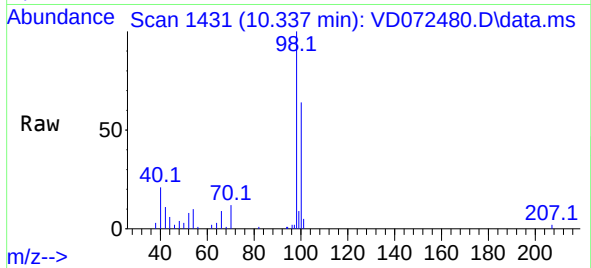




#50
Toluene-d8
Concen: 43.780 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

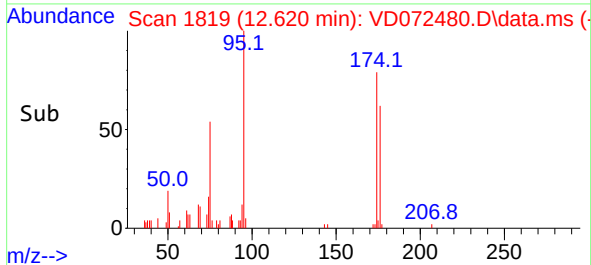
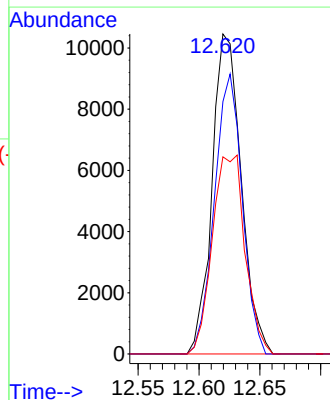
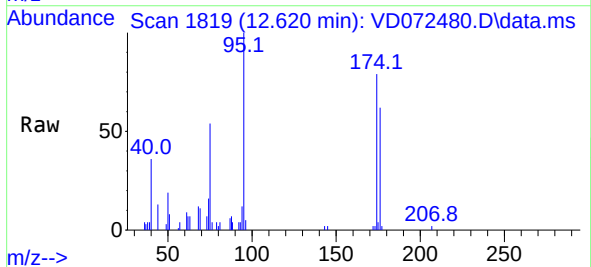
Instrument :
MSVOA_D
ClientSampleId :
362

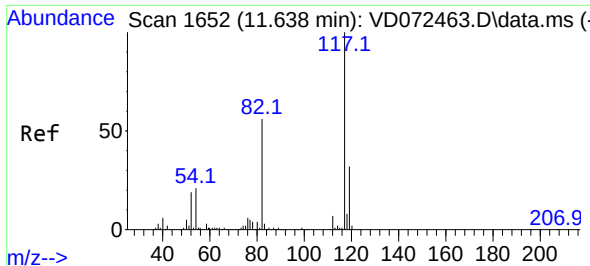
Tgt Ion: 98 Resp: 36404
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.504 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion: 95 Resp: 17375
Ion Ratio Lower Upper
95 100
174 83.4 0.0 152.8
176 69.8 0.0 145.4

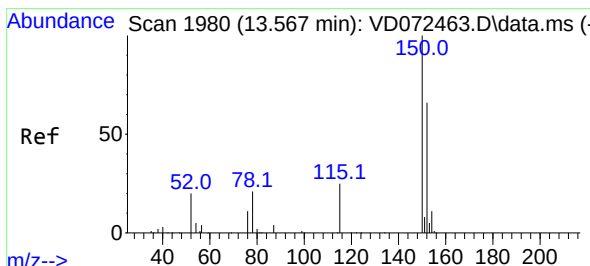
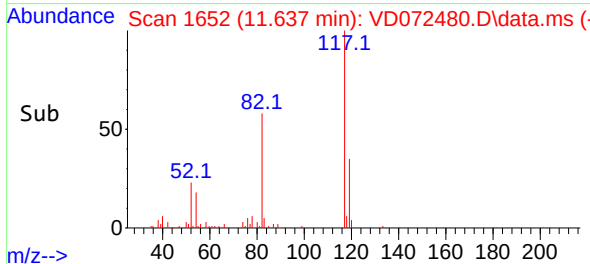
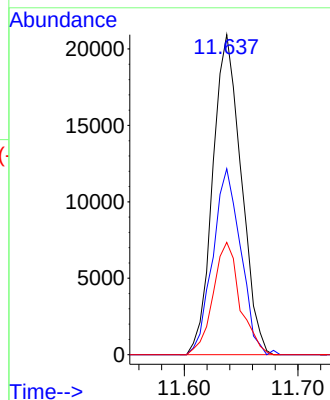
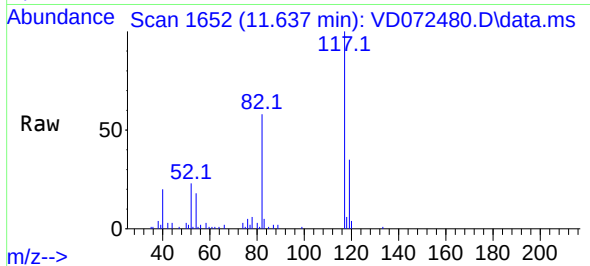




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072480.D
Acq: 30 Mar 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :
362

Tgt Ion:117	Resp:	36451
Ion Ratio	Lower	Upper
117	100	
82	58.1	45.3 67.9
119	35.1	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: VD072480.D
Acq: 30 Mar 2022 15:44

Tgt Ion:152	Resp:	19903
Ion Ratio	Lower	Upper
152	100	
115	56.0	31.3 93.8
150	151.5	0.0 348.6

