

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072627.D
 Acq On : 19 Apr 2022 16:18
 Operator : VA/SY
 Sample : N2442-05
 Misc : 4.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124042

Quant Time: Apr 20 05:03:52 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	68282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	132982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	141985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	64251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	68189	82.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.100%#
35) Dibromofluoromethane	7.909	113	56018	54.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.400%
50) Toluene-d8	10.332	98	159554	44.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.820%
62) 4-Bromofluorobenzene	12.620	95	59701	42.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.100%

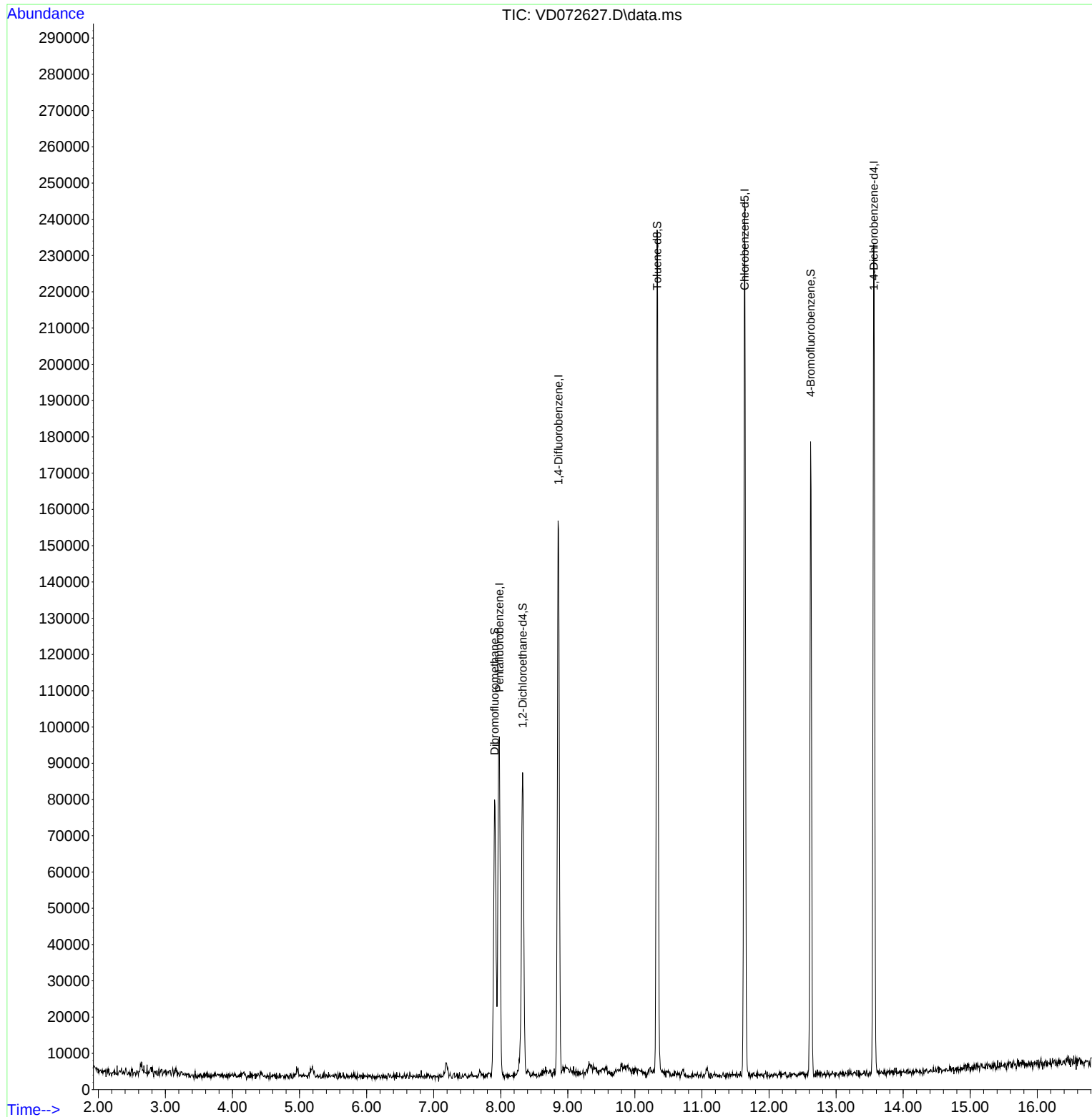
Target Compounds	Qvalue

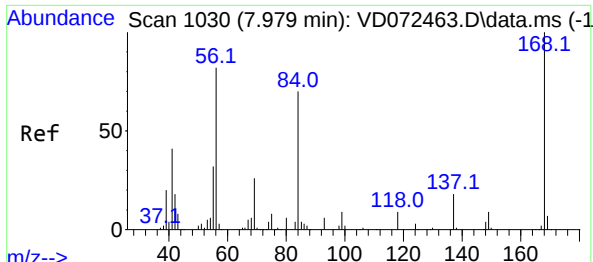
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072627.D

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MSVOA_D

ClientSampleId :

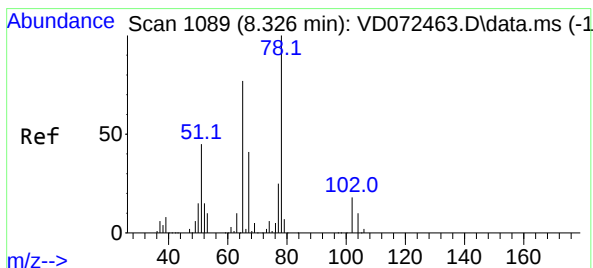
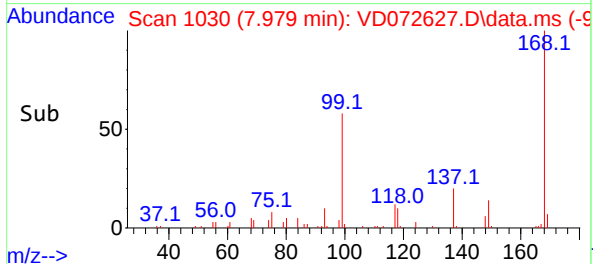
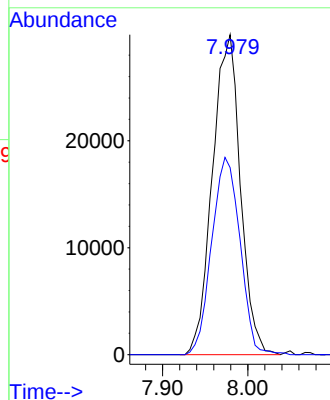
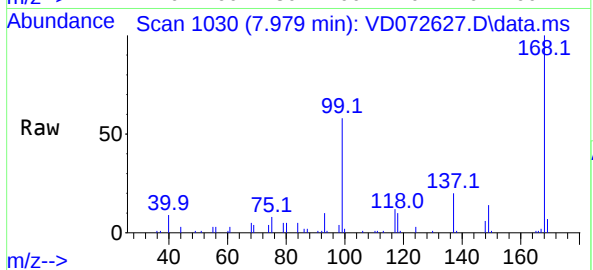
124042

Tgt Ion:168 Resp: 68282

Ion Ratio Lower Upper

168 100

99 58.5 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 82.553 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072627.D

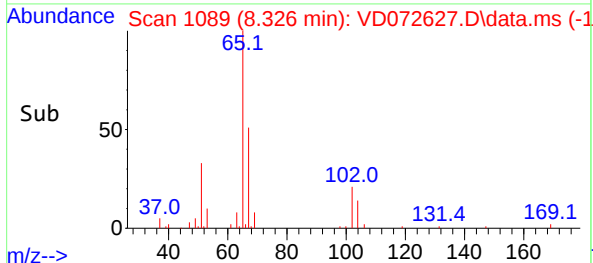
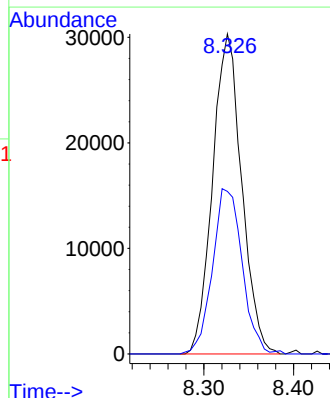
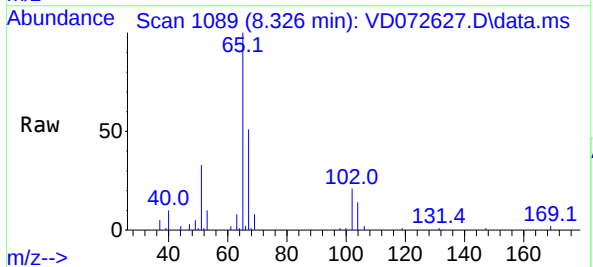
Acq: 19 Apr 2022 16:18

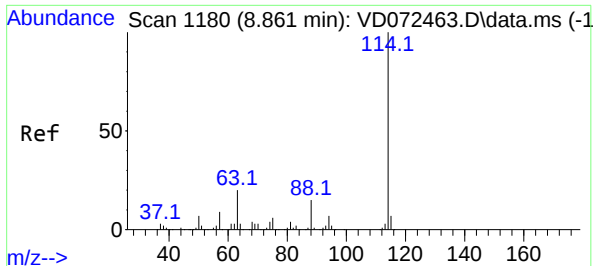
Tgt Ion: 65 Resp: 68189

Ion Ratio Lower Upper

65 100

67 52.7 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: VD072627.D

Acq: 19 Apr 2022 16:18

Instrument :

MSVOA_D

ClientSampleId :

124042

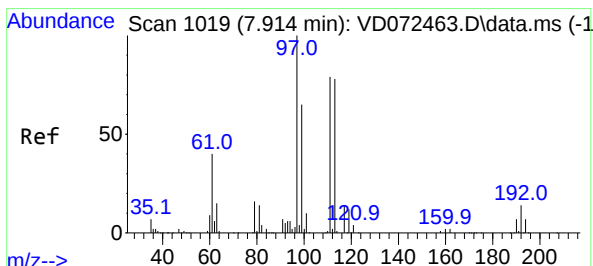
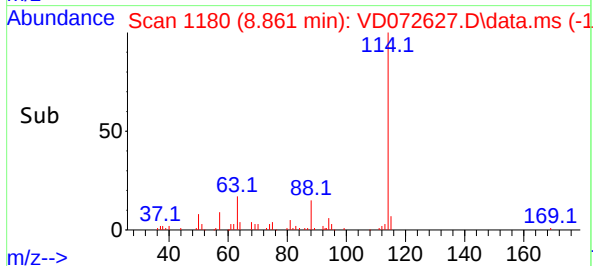
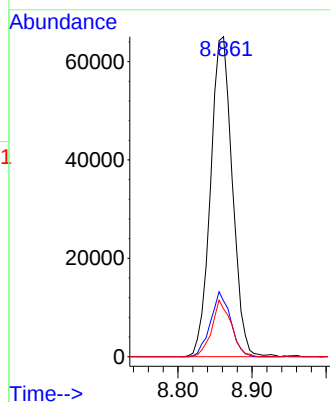
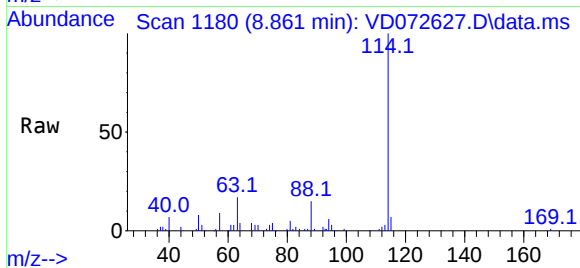
Tgt Ion:114 Resp: 132982

Ion Ratio Lower Upper

114 100

63 17.4 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.204 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072627.D

Acq: 19 Apr 2022 16:18

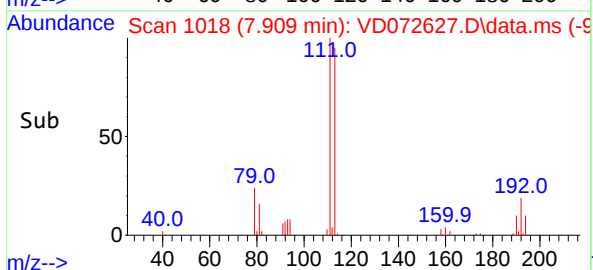
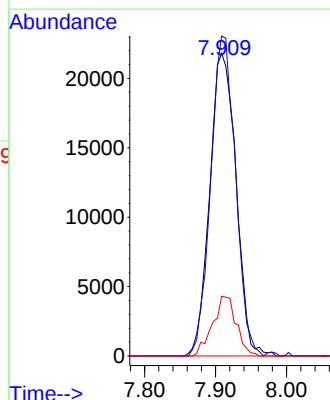
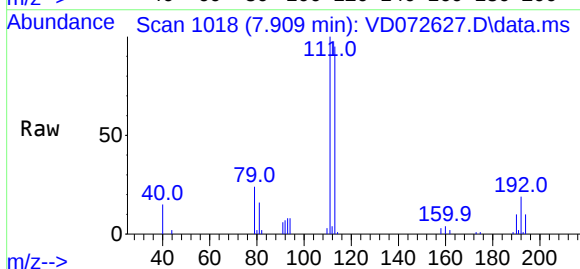
Tgt Ion:113 Resp: 56018

Ion Ratio Lower Upper

113 100

111 99.7 83.8 125.6

192 17.8 14.6 21.8

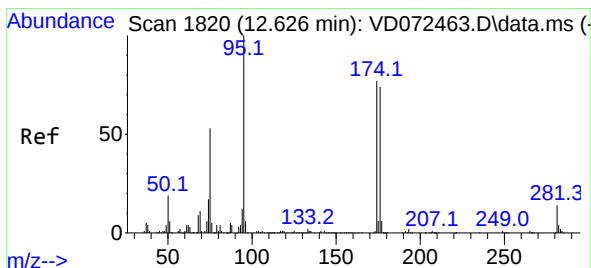
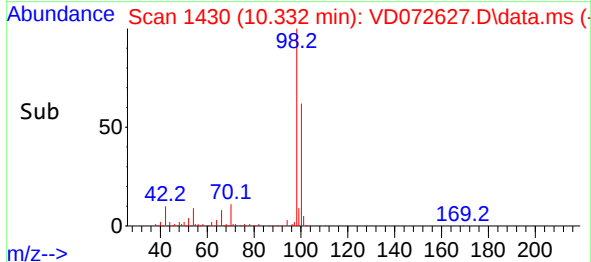
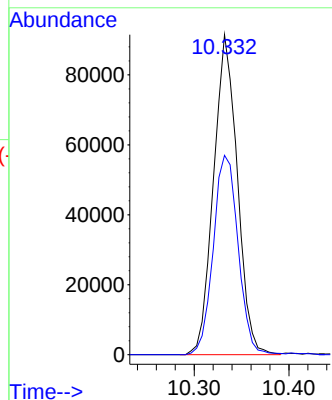
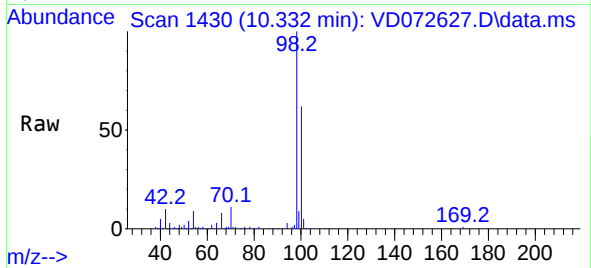




#50
Toluene-d8
Concen: 44.415 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072627.D
Acq: 19 Apr 2022 16:18

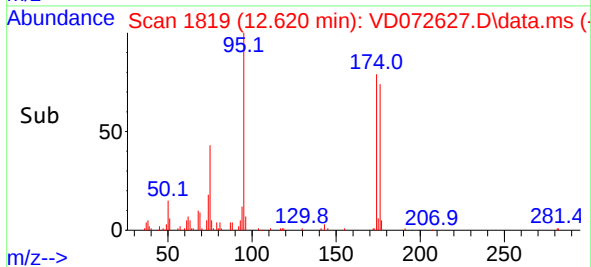
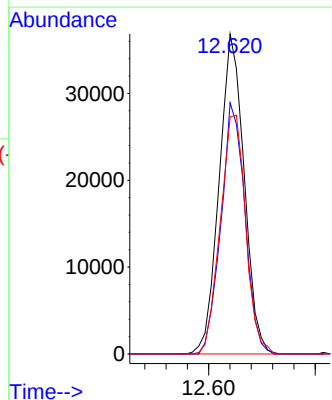
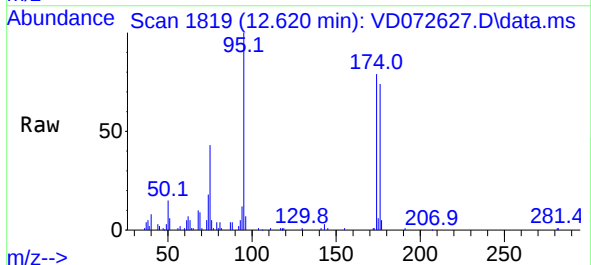
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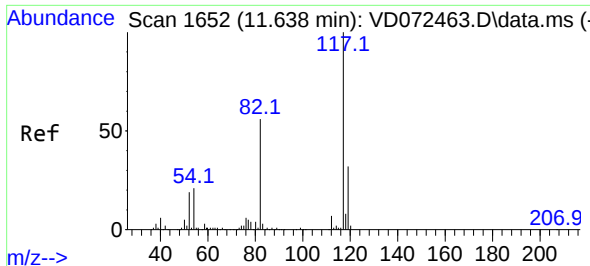
Tgt Ion: 98 Resp: 159554
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.553 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072627.D
Acq: 19 Apr 2022 16:18

Tgt Ion: 95 Resp: 59701
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 76.1 0.0 145.4

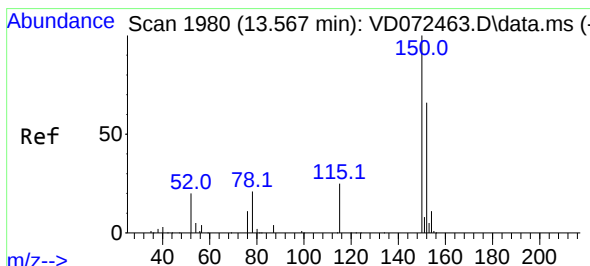
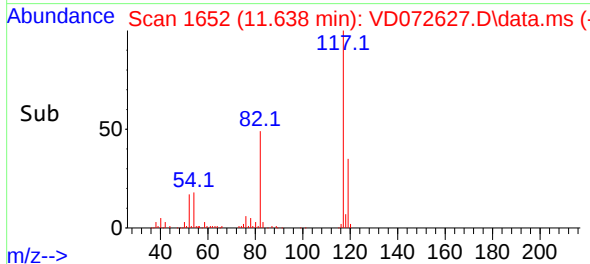
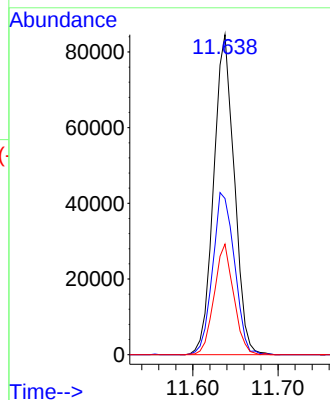
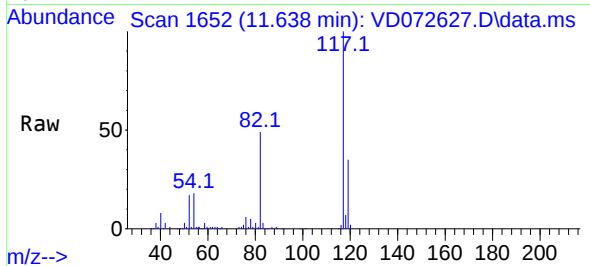




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072627.D
Acq: 19 Apr 2022 16:18

Instrument :
MSVOA_D
ClientSampleId :
124042

Tgt Ion:	117	Resp:	141985
Ion	Ratio	Lower	Upper
117	100		
82	48.8	45.3	67.9
119	34.5	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: VD072627.D
Acq: 19 Apr 2022 16:18

Tgt Ion:	152	Resp:	64251
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.3	93.8
150	155.5	0.0	348.6

