

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073034.D
 Acq On : 16 May 2022 14:43
 Operator : VA/SY
 Sample : N2816-15
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS007-0006-01

Quant Time: May 17 03:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	231385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	396268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	424646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152890	50.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.800%
35) Dibromofluoromethane	7.908	113	144720	52.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.000%
50) Toluene-d8	10.332	98	494909	49.575	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.620	95	185032	49.708	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.420%

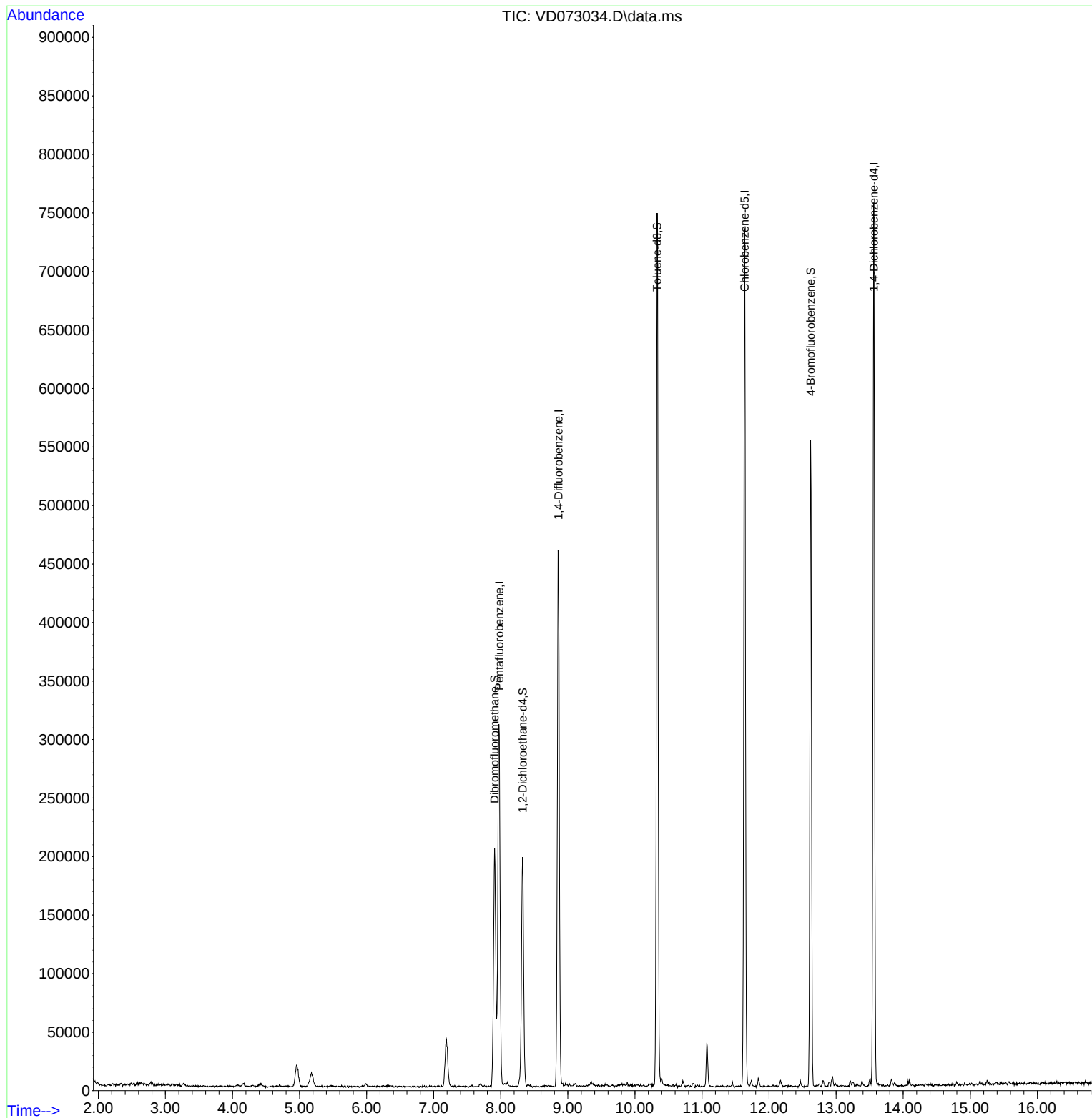
Target Compounds	Qvalue

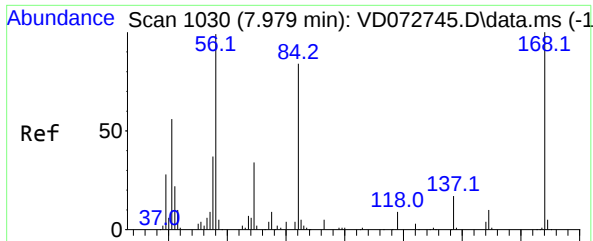
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073034.D

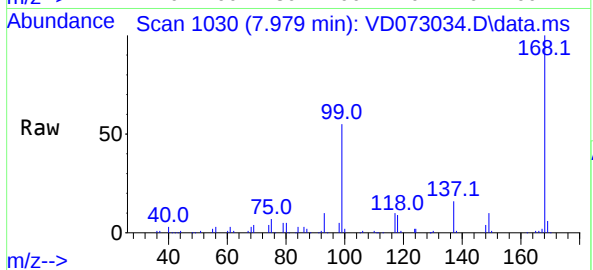
Acq: 16 May 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

P007-SS007-0006-01

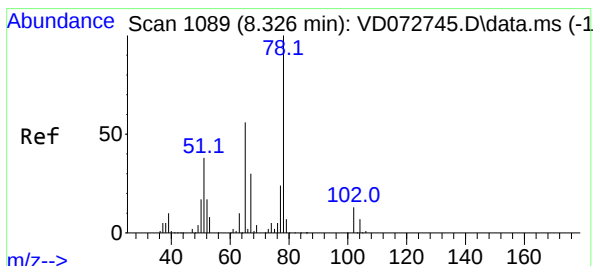
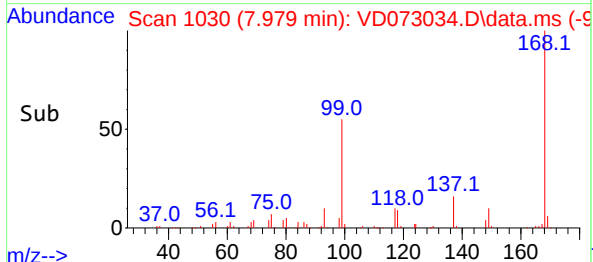
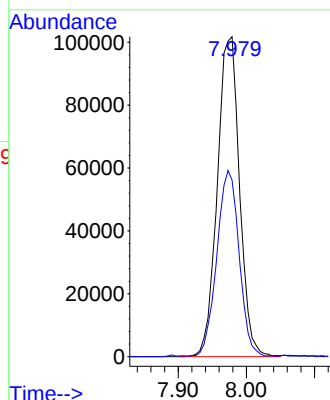


Tgt Ion:168 Resp: 231385

Ion Ratio Lower Upper

168 100

99 55.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.903 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073034.D

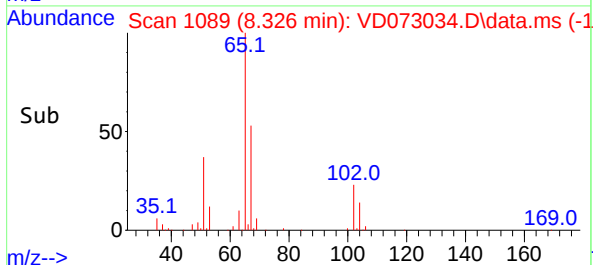
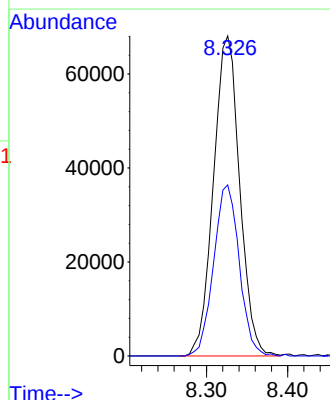
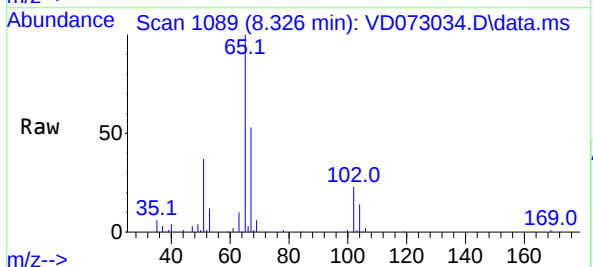
Acq: 16 May 2022 14:43

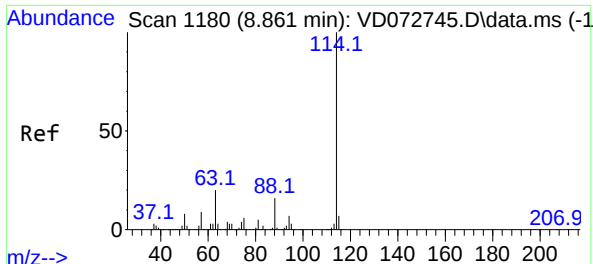
Tgt Ion: 65 Resp: 152890

Ion Ratio Lower Upper

65 100

67 52.2 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: VD073034.D

Acq: 16 May 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

P007-SS007-0006-01

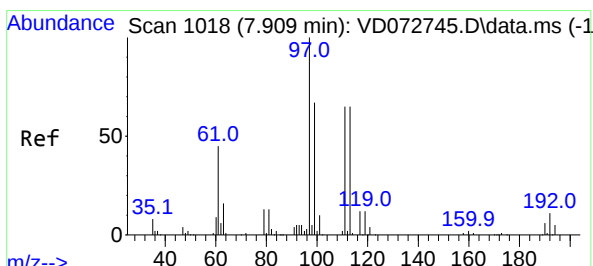
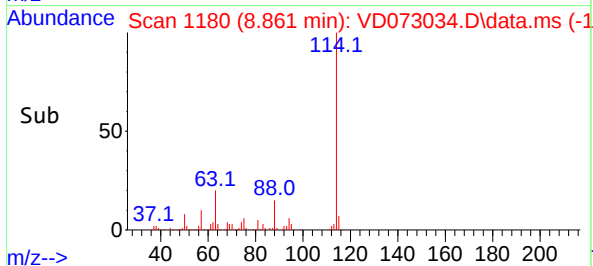
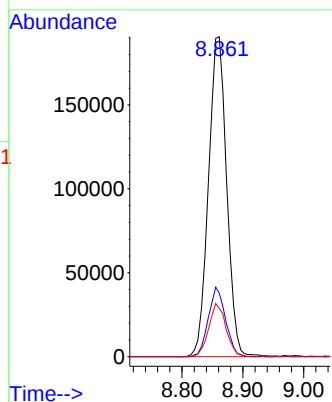
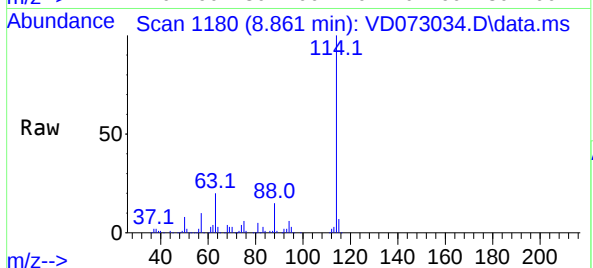
Tgt Ion:114 Resp: 396268

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.001 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073034.D

Acq: 16 May 2022 14:43

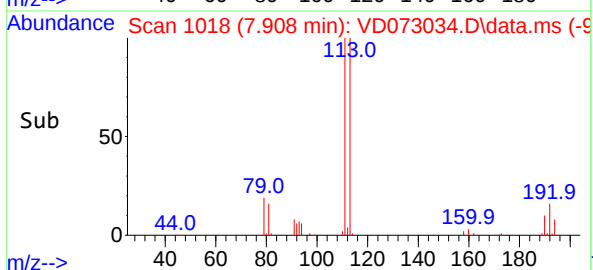
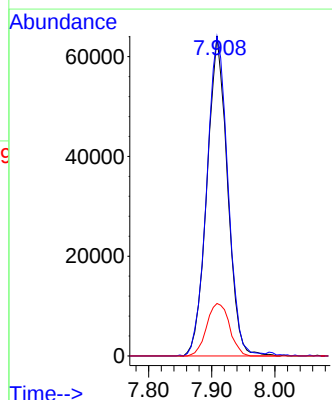
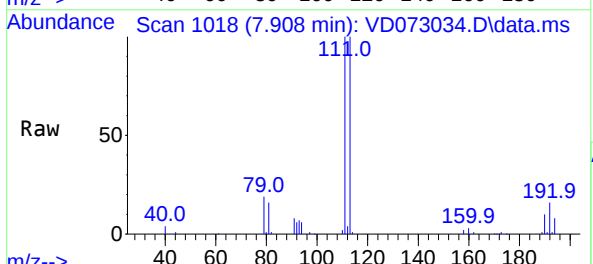
Tgt Ion:113 Resp: 144720

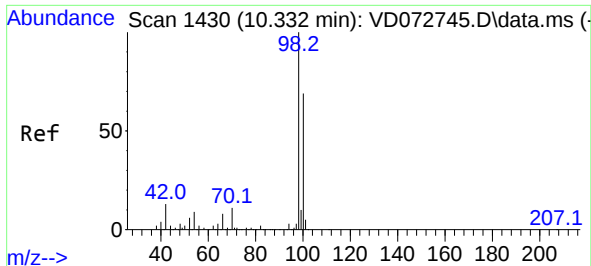
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.2 14.6 21.8

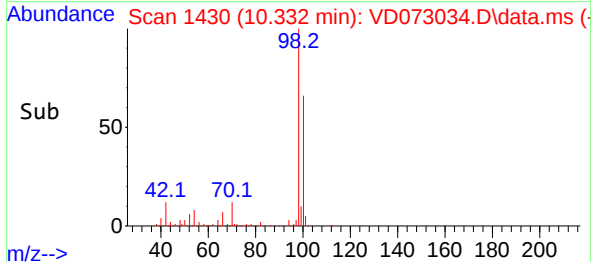
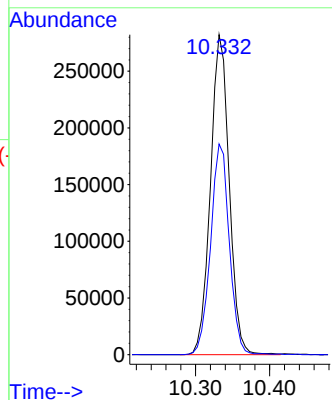
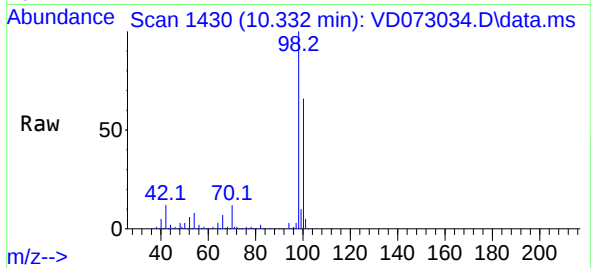




#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

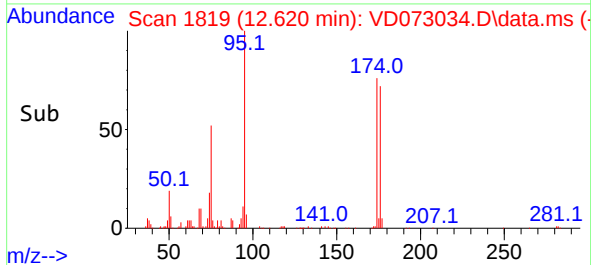
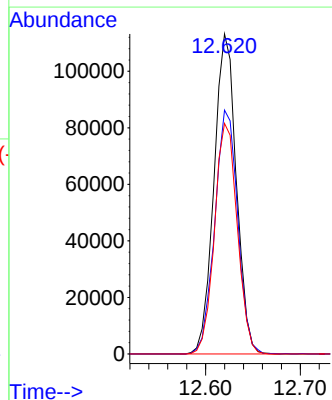
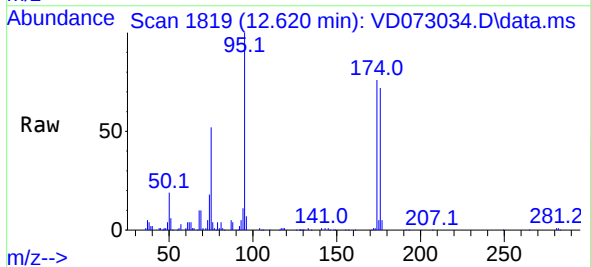
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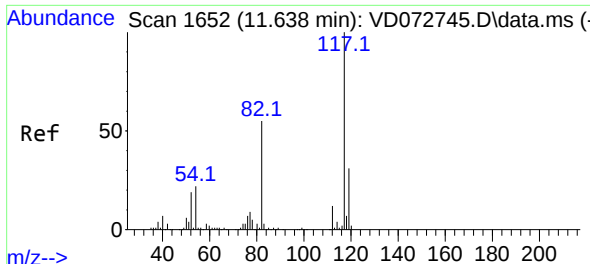
Tgt Ion: 98 Resp: 494909
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion: 95 Resp: 185032
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 73.5 0.0 145.4

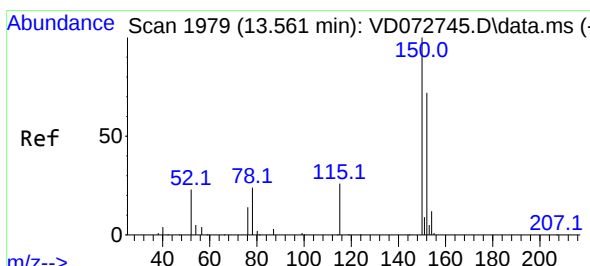
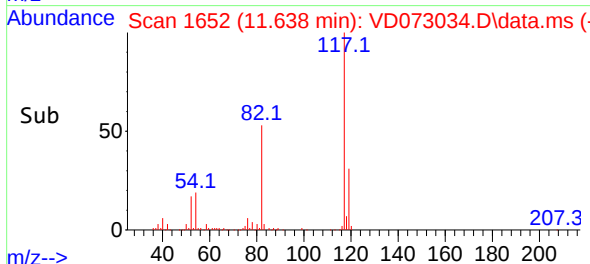
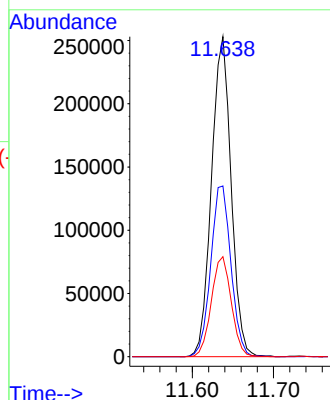
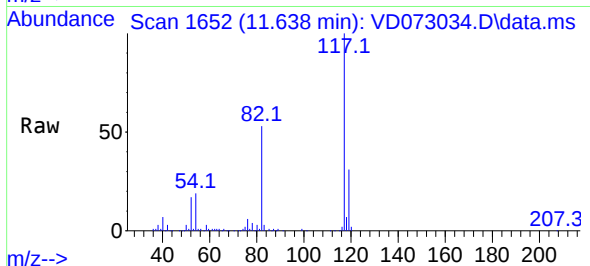




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Instrument :
MSVOA_D
ClientSampleId :
P007-SS007-0006-01

Tgt Ion:	117	Resp:	424646
Ion Ratio	Lower	Upper	
117	100		
82	53.4	45.3	67.9
119	31.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion:	152	Resp:	196947
Ion Ratio	Lower	Upper	
152	100		
115	59.7	31.3	93.8
150	156.6	0.0	348.6

