

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073093.D
 Acq On : 18 May 2022 12:25
 Operator : VA/SY
 Sample : N2847-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124019

Quant Time: May 18 16:29:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	117322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	210857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	235892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	99815	68.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.060%
35) Dibromofluoromethane	7.909	113	84192	56.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.332	98	261982	48.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.620	95	100198	51.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.020%

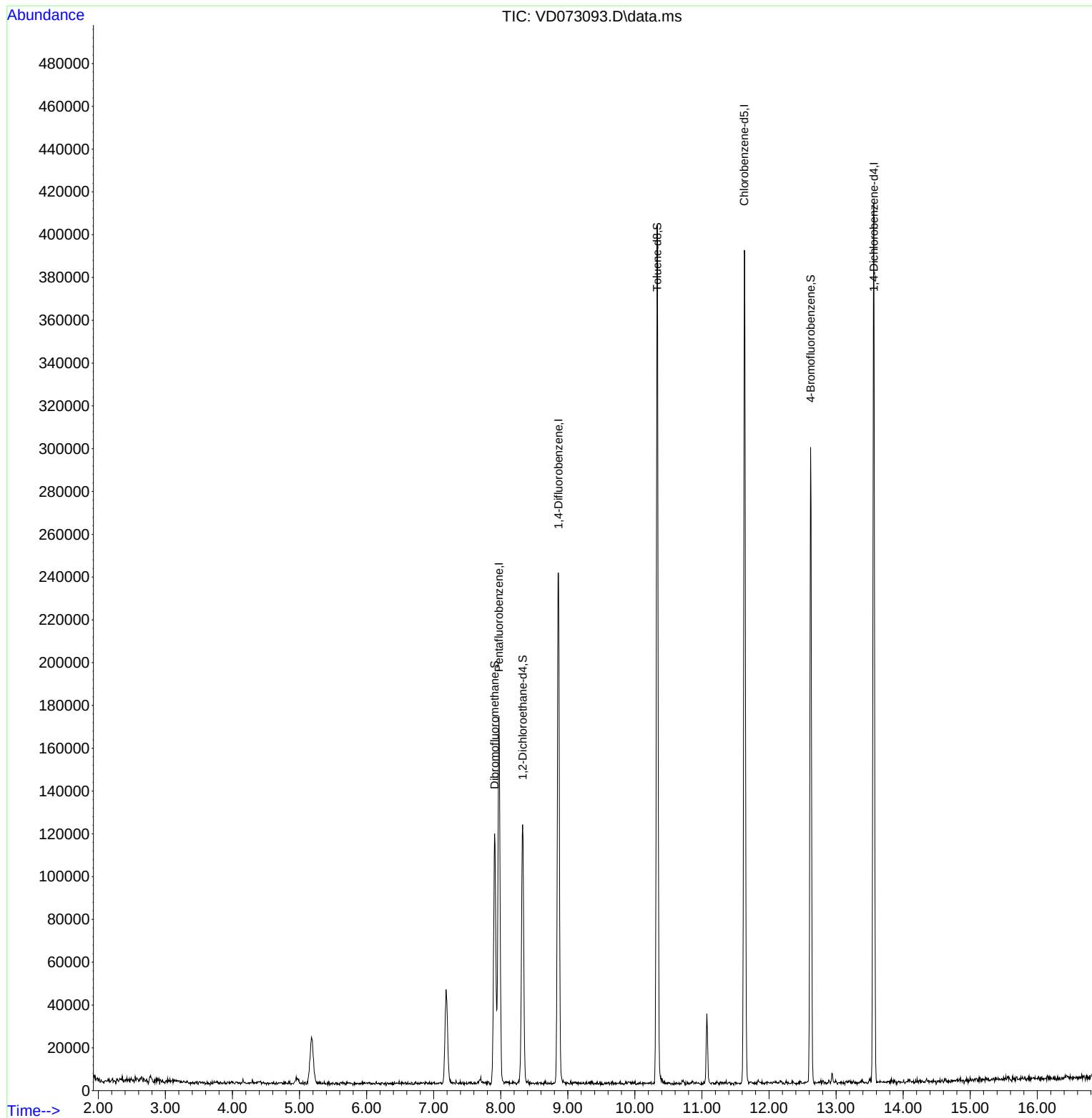
Target Compounds	Qvalue

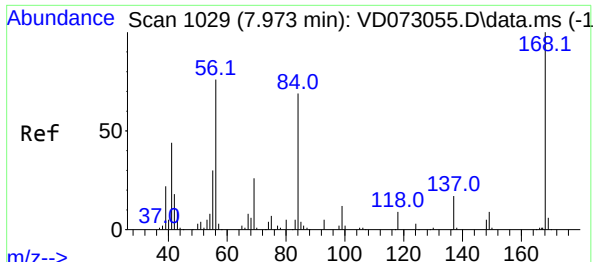
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073093.D

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Instrument :

MSVOA_D

ClientSampleId :

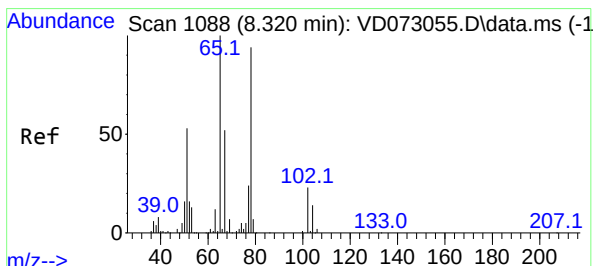
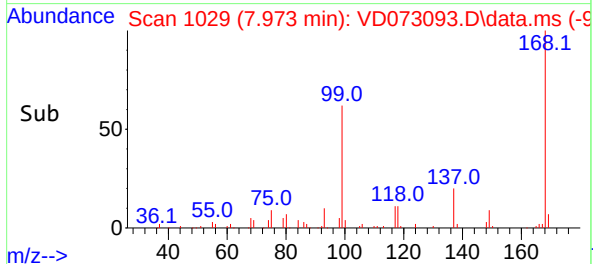
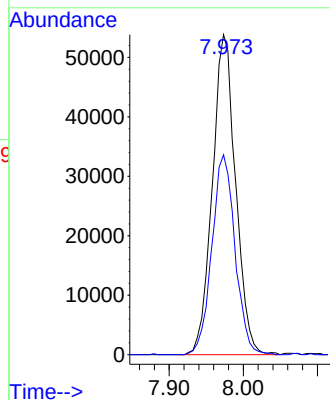
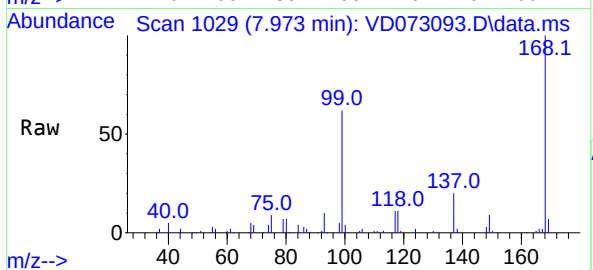
PSC-124019

Tgt Ion:168 Resp: 117322

Ion Ratio Lower Upper

168 100

99 62.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 68.031 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073093.D

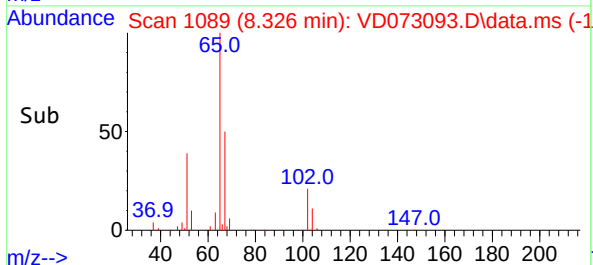
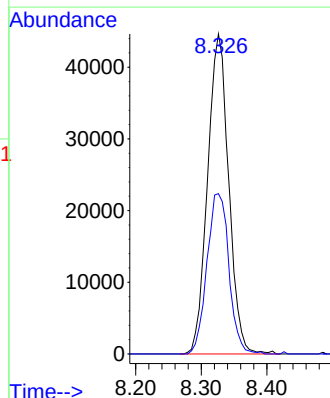
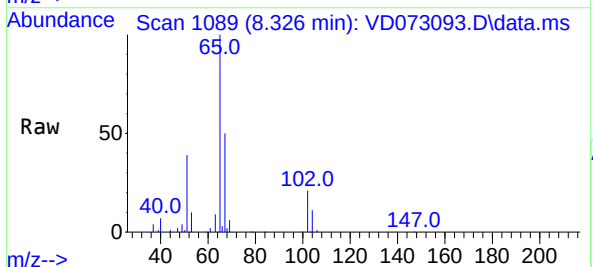
Acq: 18 May 2022 12:25

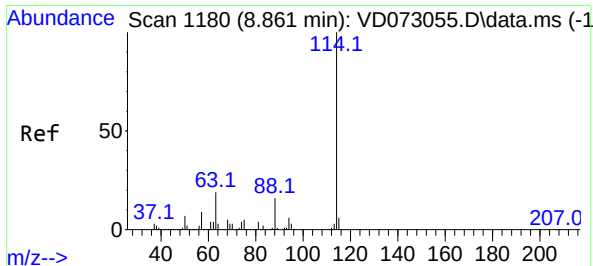
Tgt Ion: 65 Resp: 99815

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: VD073093.D

Acq: 18 May 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

PSC-124019

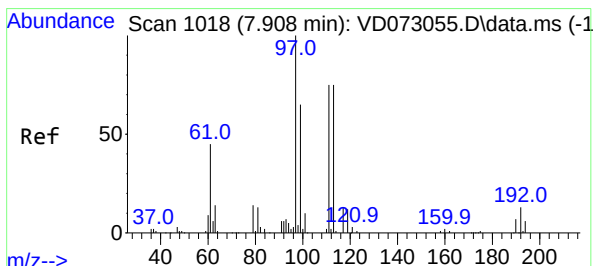
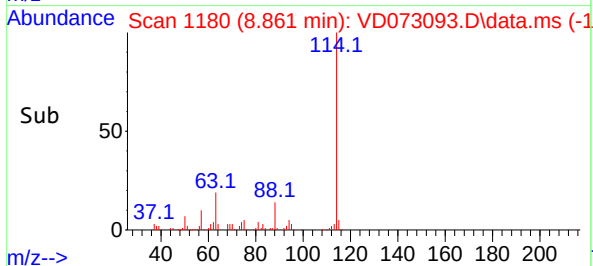
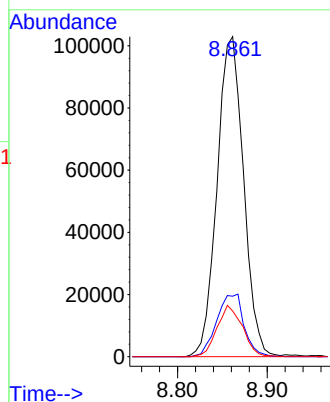
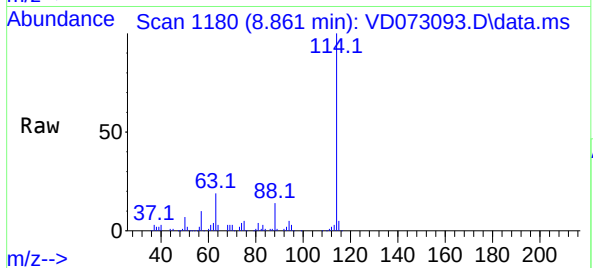
Tgt Ion:114 Resp: 210857

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 14.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.869 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073093.D

Acq: 18 May 2022 12:25

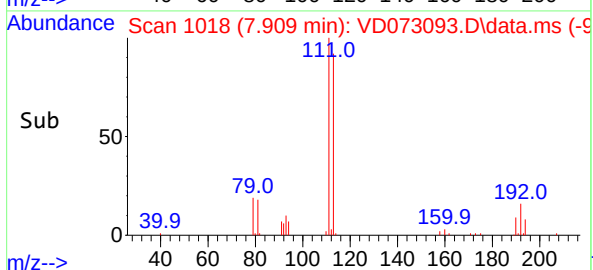
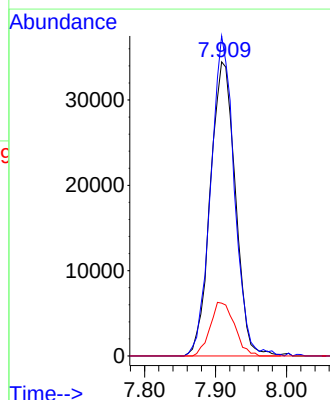
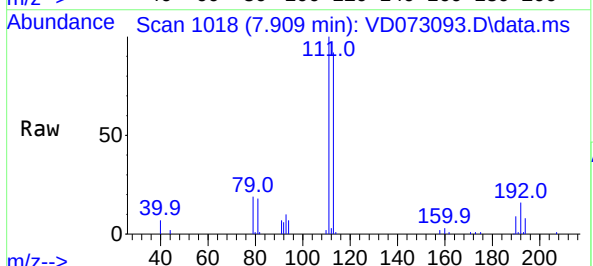
Tgt Ion:113 Resp: 84192

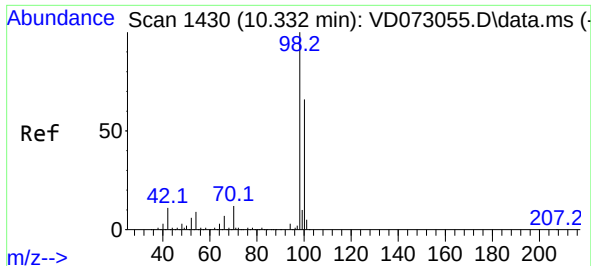
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.8 14.6 21.8

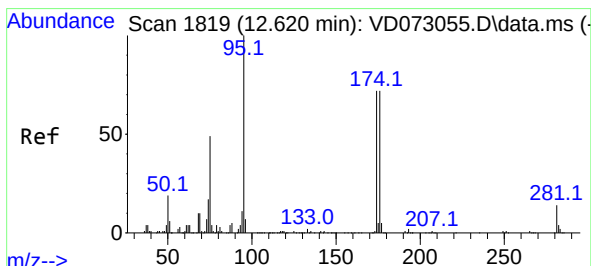
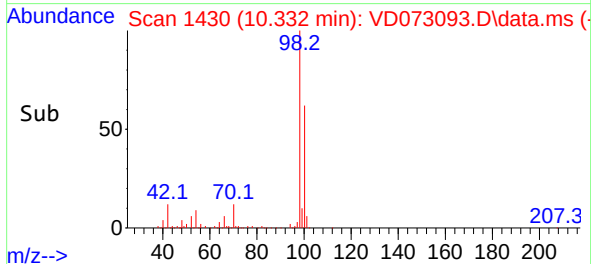
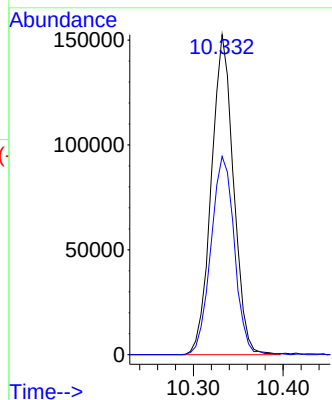
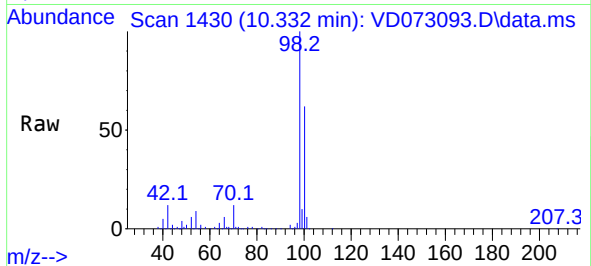




#50
Toluene-d8
Concen: 48.779 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

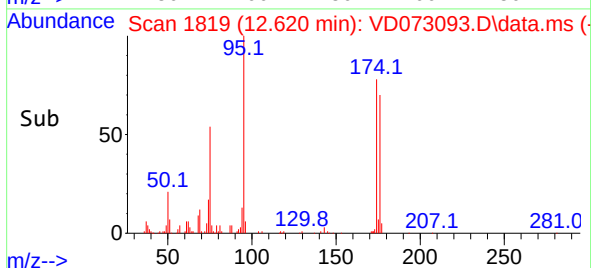
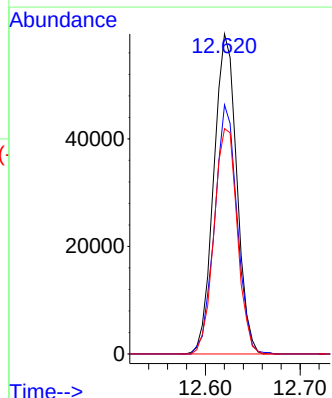
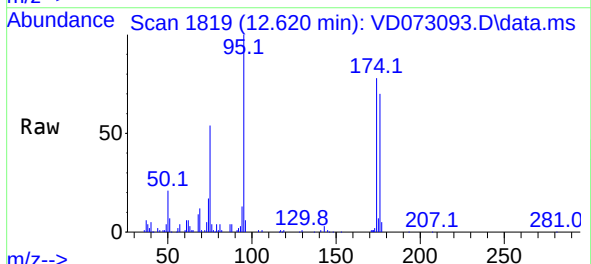
Instrument :
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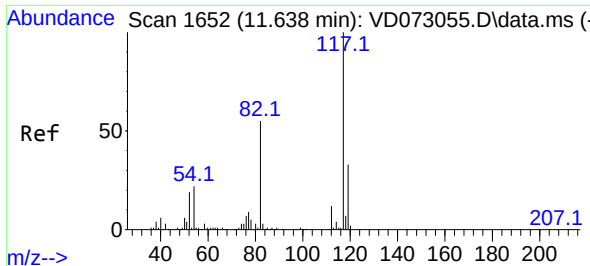
Tgt Ion: 98 Resp: 261982
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.508 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion: 95 Resp: 100198
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 71.5 0.0 145.4

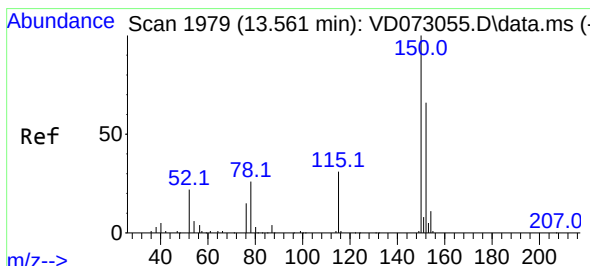
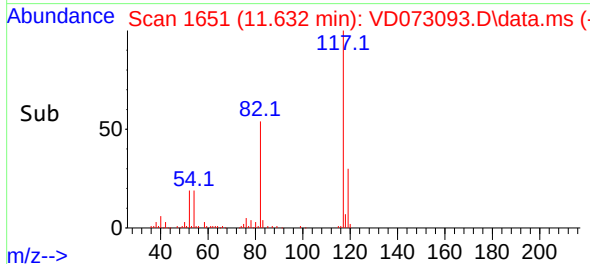
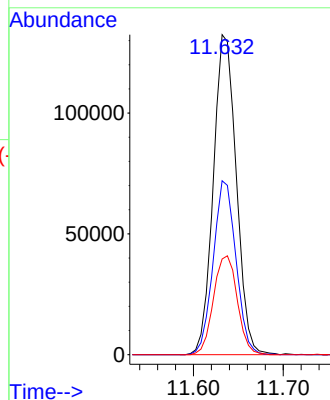
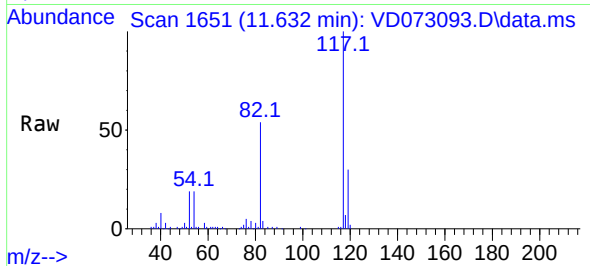




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

Tgt Ion:	117	Resp:	235892
Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.3	67.9
119	29.9	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: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion:	152	Resp:	108126
Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.3	93.8
150	158.1	0.0	348.6

