

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073098.D
 Acq On : 18 May 2022 14:48
 Operator : VA/SY
 Sample : N2820-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-PILERE

Quant Time: May 19 04:44:19 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	26367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	45256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	51175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	21990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	25529	77.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.840%
35) Dibromofluoromethane	7.908	113	21858	68.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.580%
50) Toluene-d8	10.332	98	57231	49.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.620	95	21264	50.930	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.860%

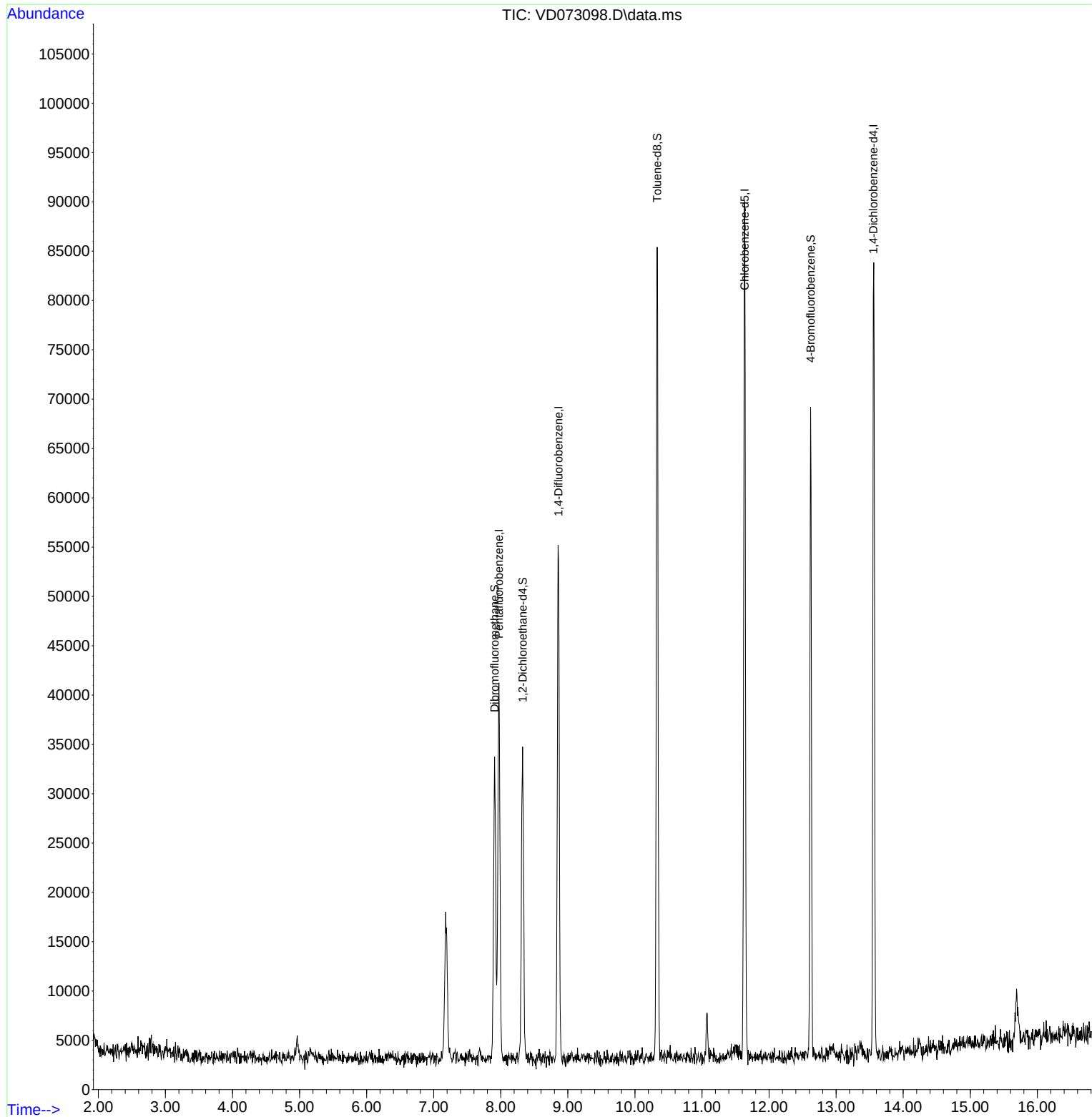
Target Compounds	Qvalue

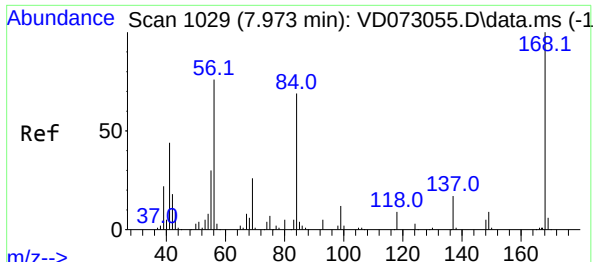
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073098.D

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MSVOA_D

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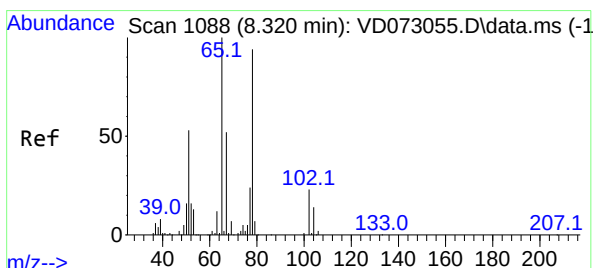
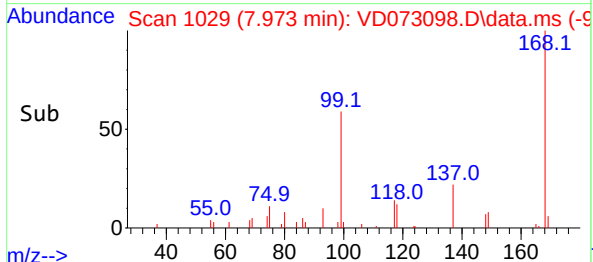
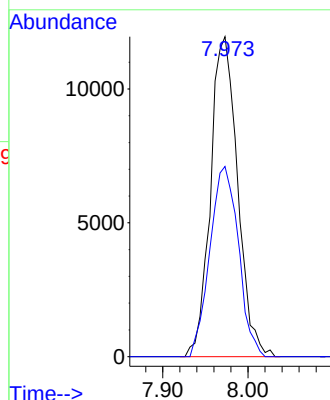
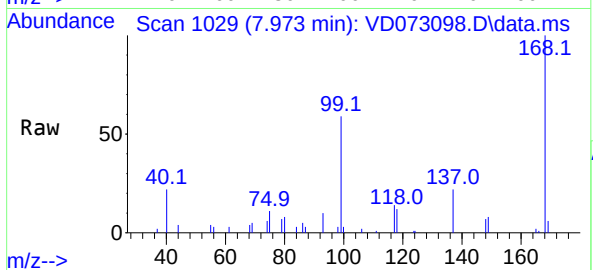
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Tgt Ion:168 Resp: 26367

Ion Ratio Lower Upper

168 100

99 59.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 77.422 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073098.D

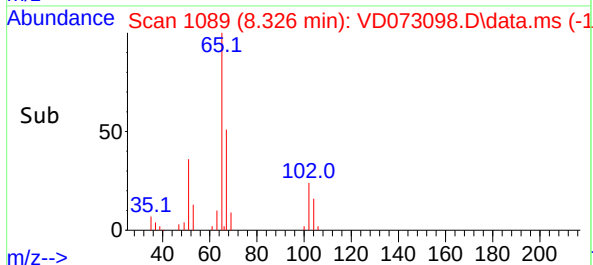
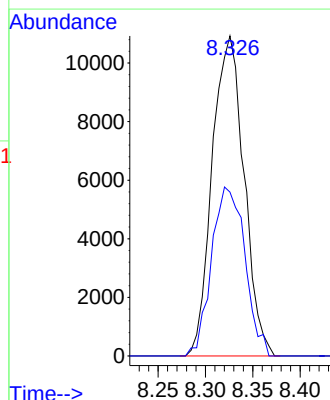
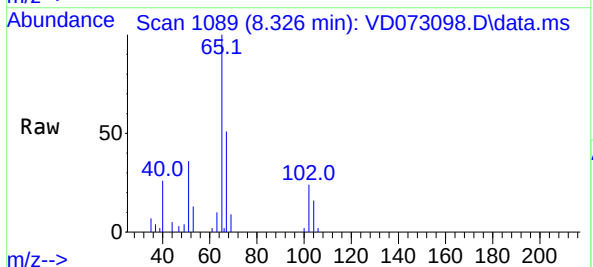
Acq: 18 May 2022 14:48

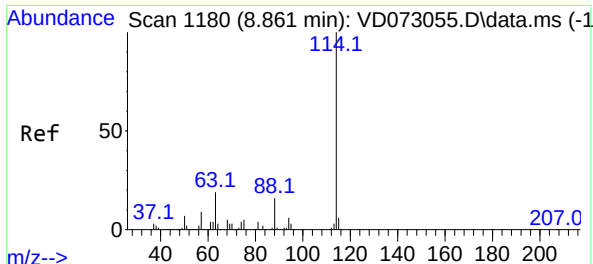
Tgt Ion: 65 Resp: 25529

Ion Ratio Lower Upper

65 100

67 55.3 0.0 101.4

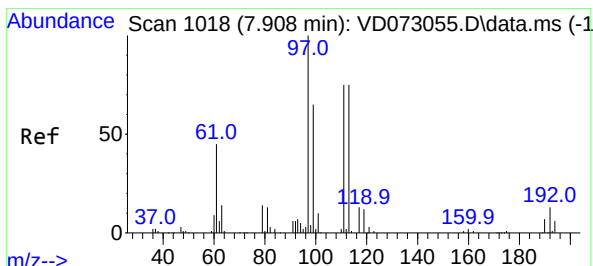
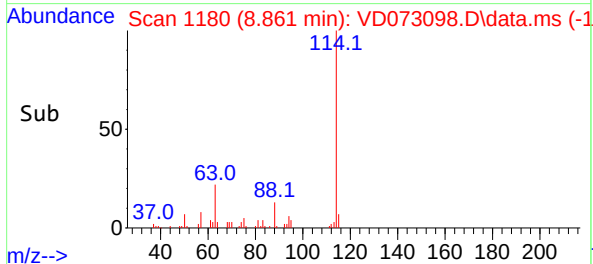
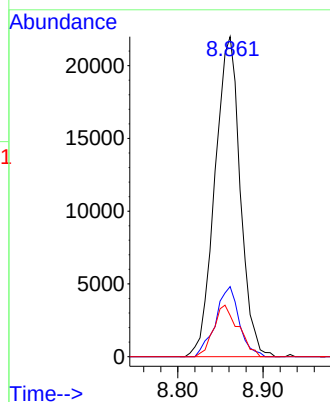
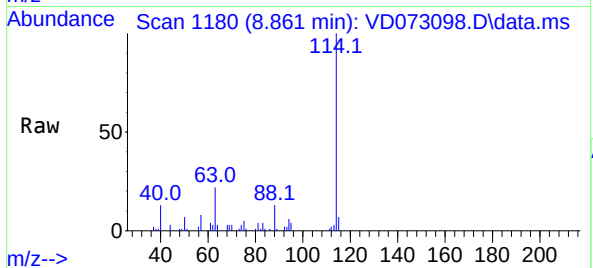




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

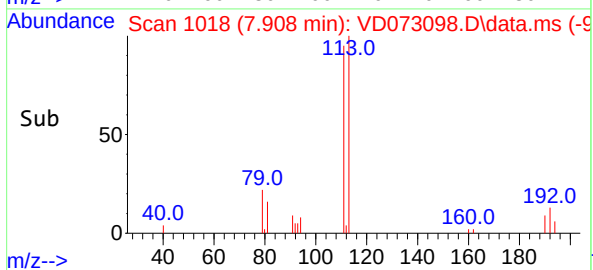
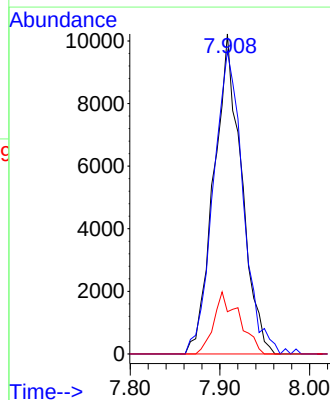
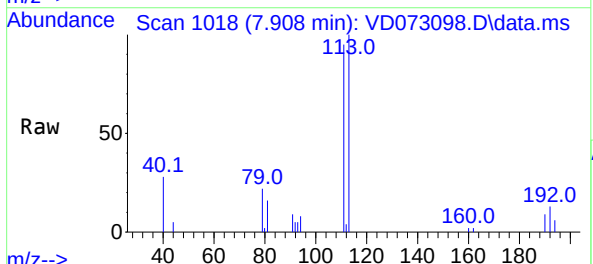
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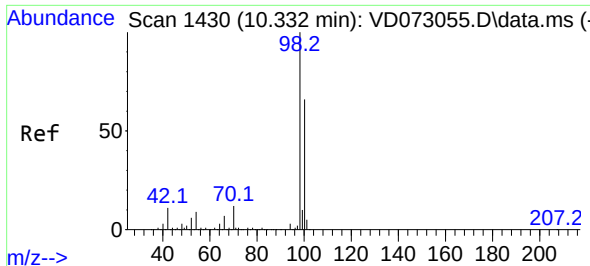
Tgt Ion:	114	Resp:	45256
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	46.6
88	12.9	0.0	33.2



#35
Dibromofluoromethane
Concen: 68.790 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion:	113	Resp:	21858
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.8	125.6
192	17.8	14.6	21.8

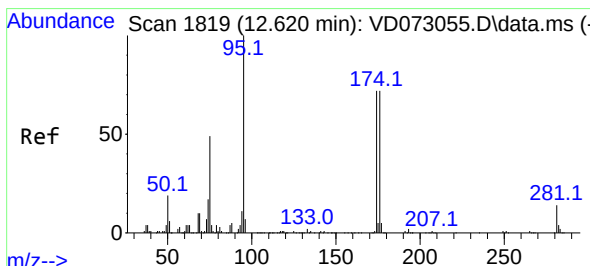
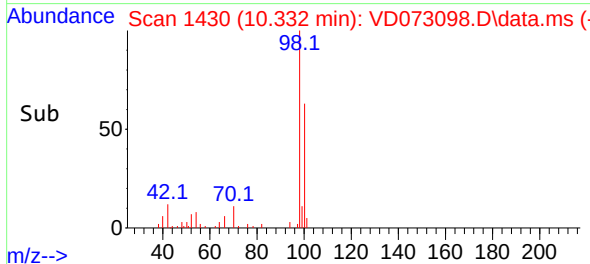
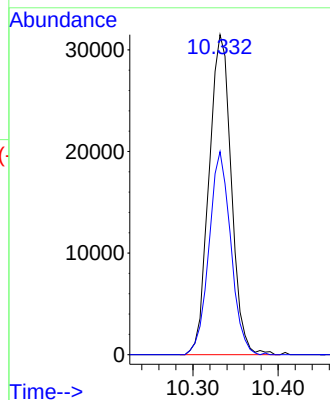
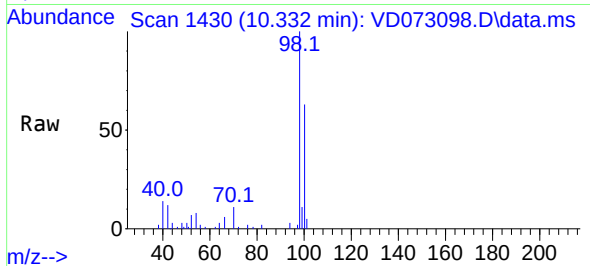




#50
Toluene-d8
Concen: 49.648 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

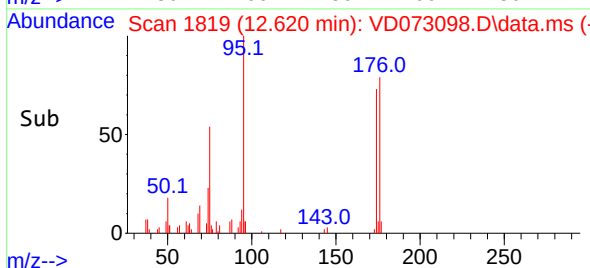
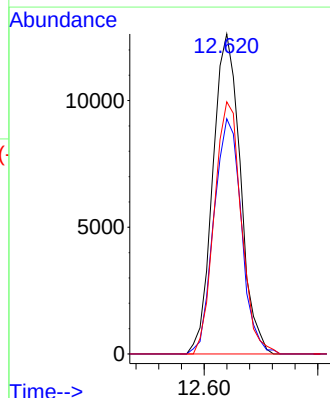
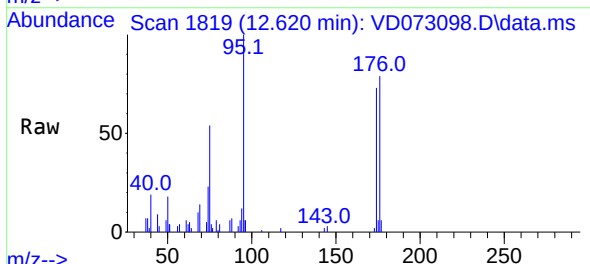
Instrument :
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ClientSampleId :
STONE-PILERE

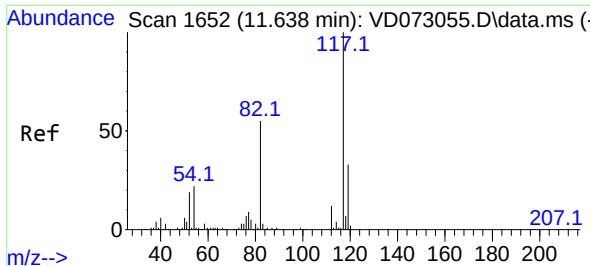
Tgt Ion: 98 Resp: 57231
Ion Ratio Lower Upper
98 100
100 62.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.930 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion: 95 Resp: 21264
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.8
176 77.3 0.0 145.4

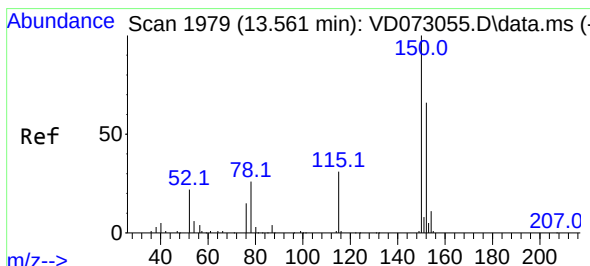
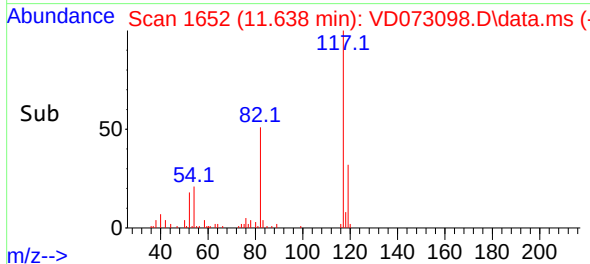
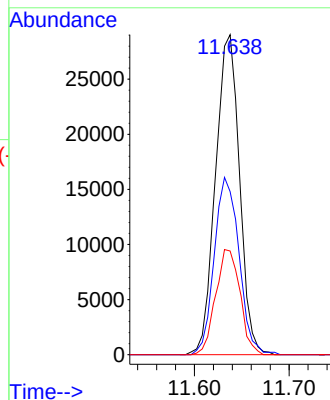
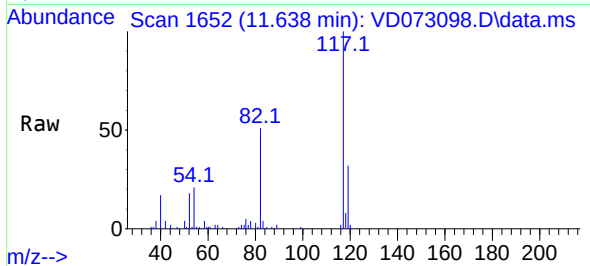




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Instrument :
MSVOA_D
ClientSampleId :
STONE-PILERE

Tgt Ion:	117	Resp:	51175
Ion	Ratio	Lower	Upper
117	100		
82	50.9	45.3	67.9
119	32.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073098.D
Acq: 18 May 2022 14:48

Tgt Ion:	152	Resp:	21990
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.8
150	159.4	0.0	348.6

