

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072674.D
 Acq On : 21 Apr 2022 16:45
 Operator : VA/SY
 Sample : N2494-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1S

Quant Time: Apr 22 03:41:50 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	7.973	168	10692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	18352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	18419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	8522	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9714	75.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.200%
35) Dibromofluoromethane	7.908	113	7836	54.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.880%
50) Toluene-d8	10.332	98	20126	40.596	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.200%
62) 4-Bromofluorobenzene	12.626	95	7503	38.752	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.500%

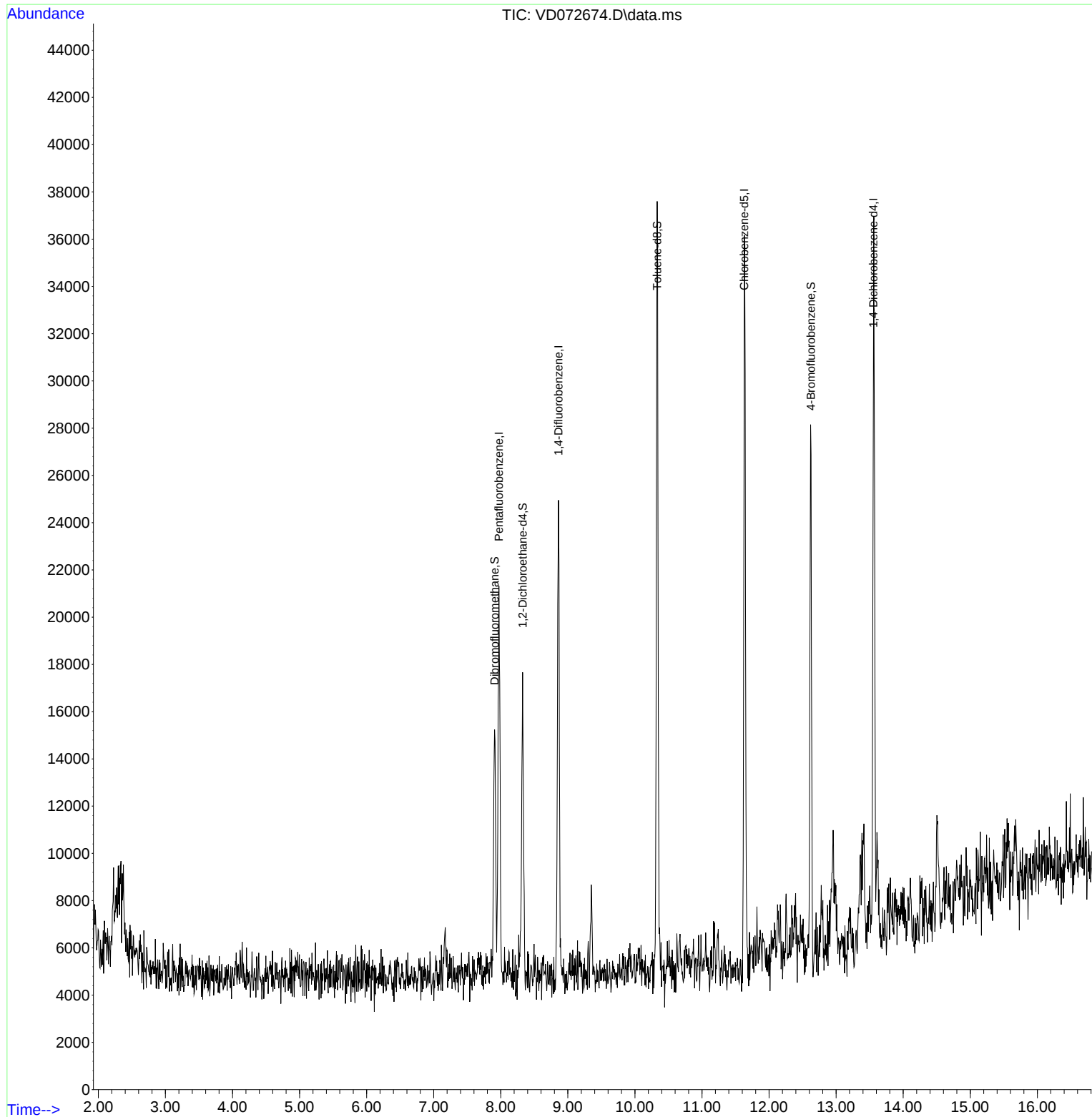
Target Compounds	Qvalue

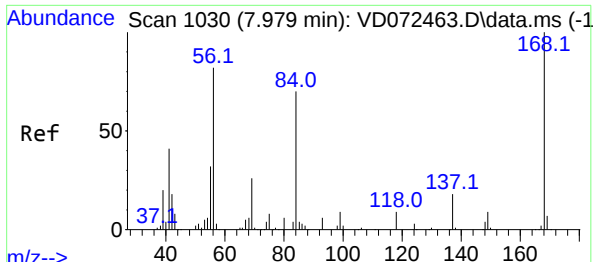
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072674.D

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Instrument :

MSVOA_D

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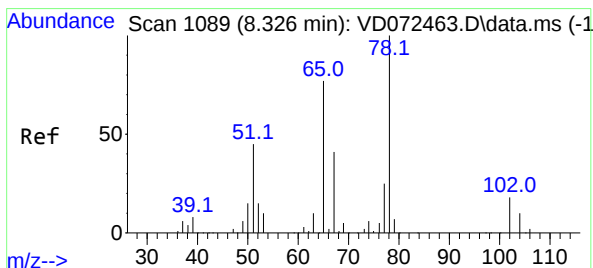
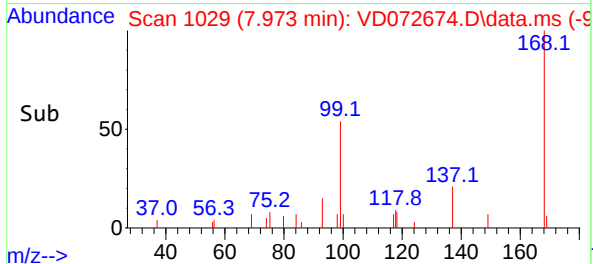
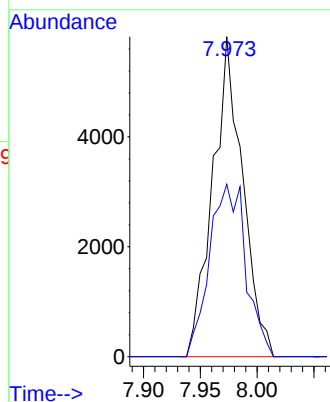
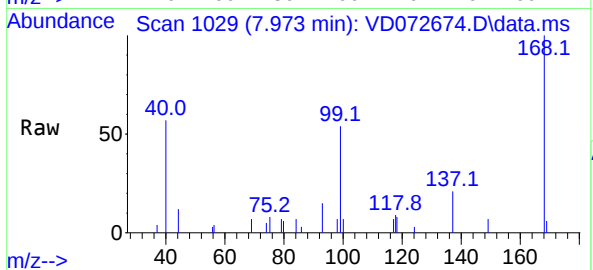
MH-1S

Tgt Ion:168 Resp: 10692

Ion Ratio Lower Upper

168 100

99 53.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 75.104 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072674.D

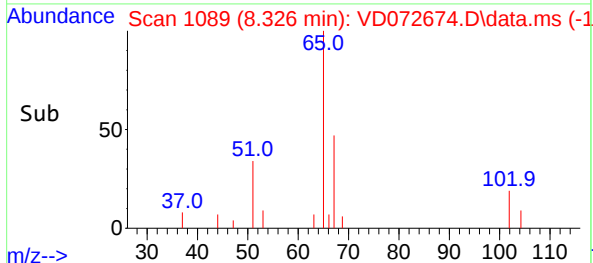
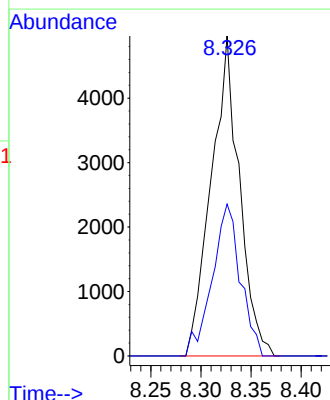
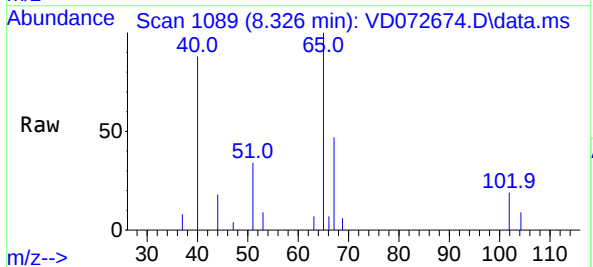
Acq: 21 Apr 2022 16:45

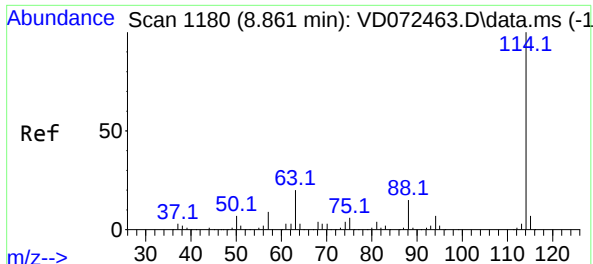
Tgt Ion: 65 Resp: 9714

Ion Ratio Lower Upper

65 100

67 47.4 0.0 101.4

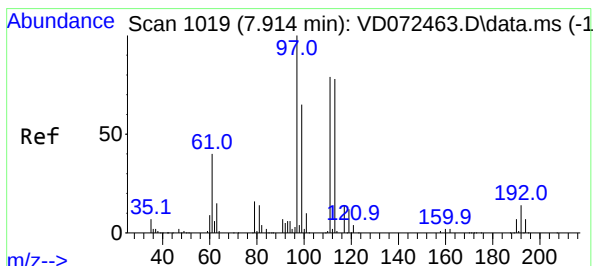
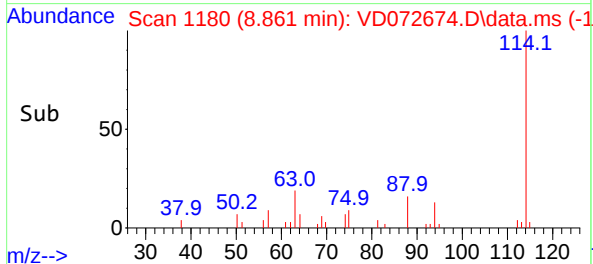
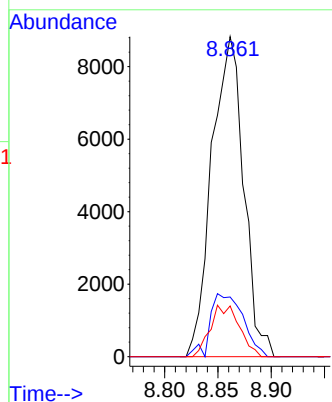
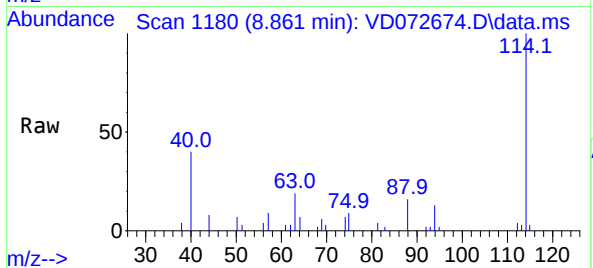




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072674.D
Acq: 21 Apr 2022 16:45

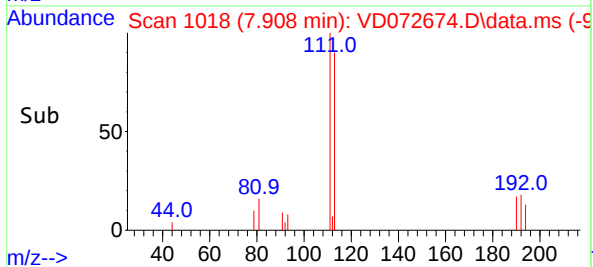
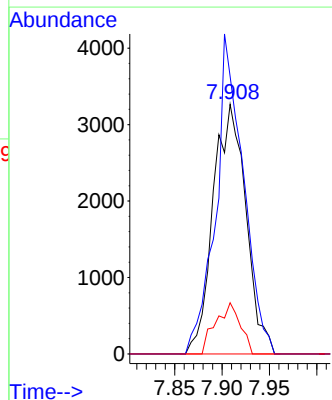
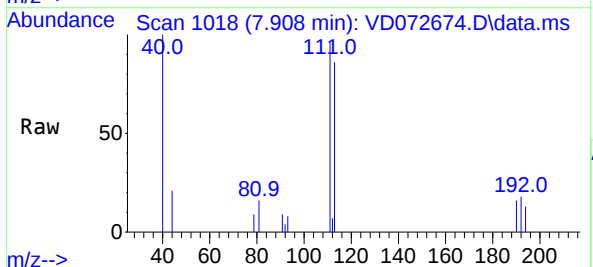
Instrument :
MSVOA_D
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MH-1S

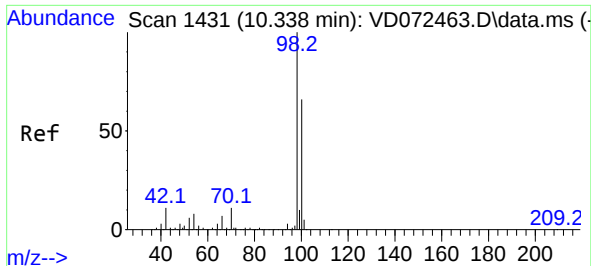
Tgt Ion:	114	Resp:	18352
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	46.6
88	15.8	0.0	33.2



#35
Dibromofluoromethane
Concen: 54.943 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072674.D
Acq: 21 Apr 2022 16:45

Tgt Ion:	113	Resp:	7836
Ion Ratio	Lower	Upper	
113	100		
111	108.3	83.8	125.6
192	15.4	14.6	21.8

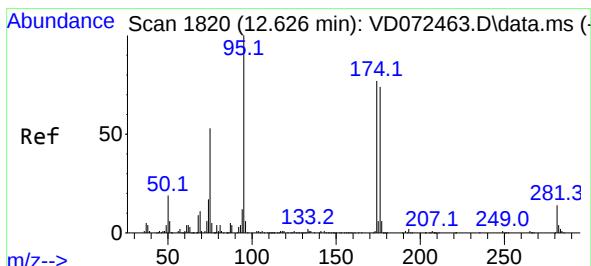
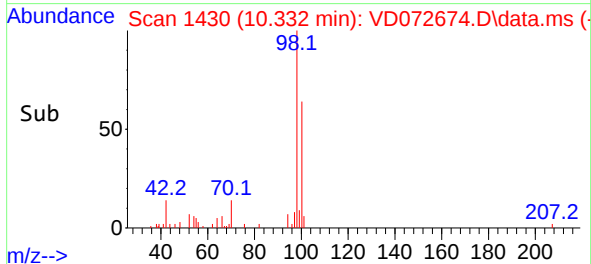
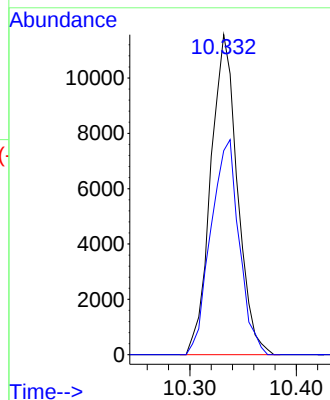
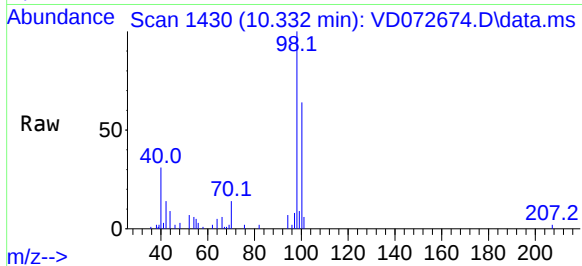




#50
Toluene-d8
Concen: 40.596 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072674.D
Acq: 21 Apr 2022 16:45

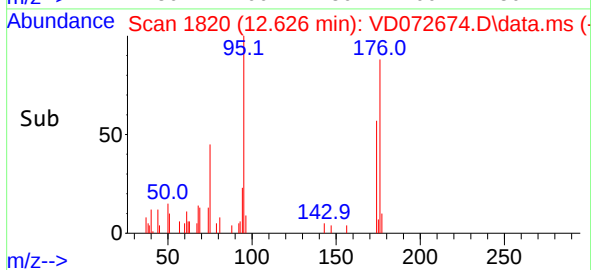
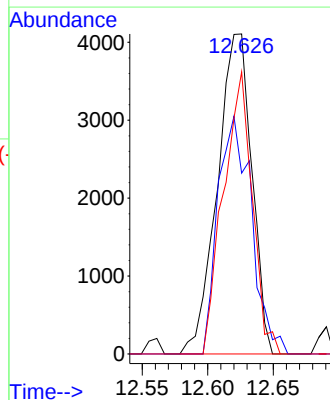
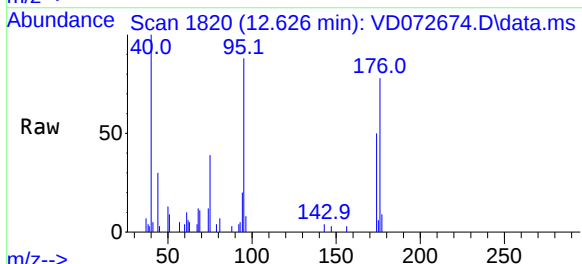
Instrument :
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ClientSampleId :
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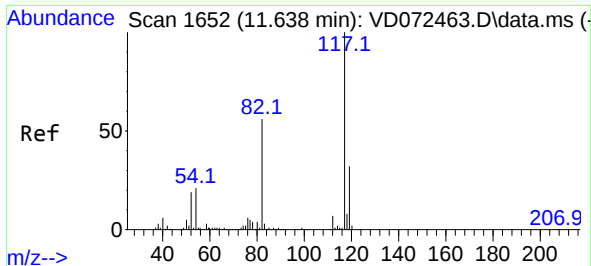
Tgt Ion: 98 Resp: 20126
Ion Ratio Lower Upper
98 100
100 71.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.752 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072674.D
Acq: 21 Apr 2022 16:45

Tgt Ion: 95 Resp: 7503
Ion Ratio Lower Upper
95 100
174 72.3 0.0 152.8
176 73.9 0.0 145.4

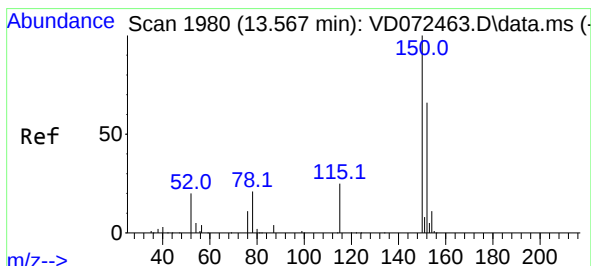
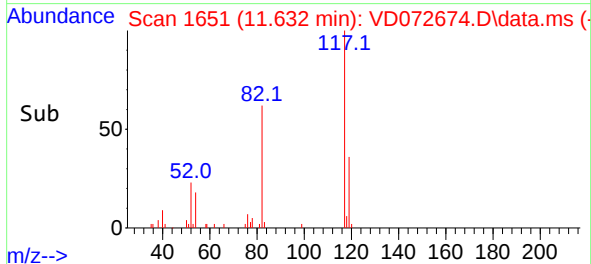
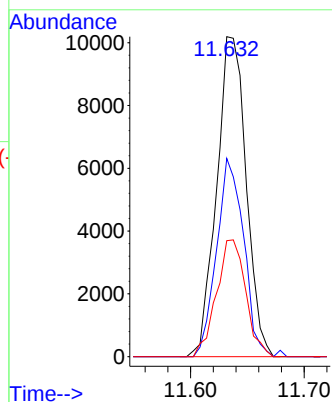
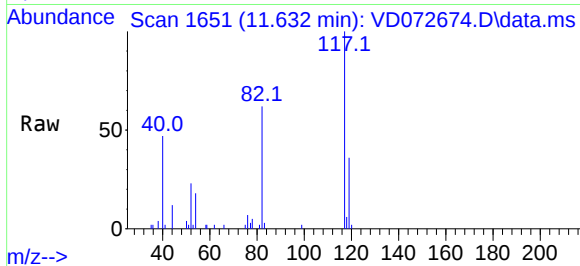




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072674.D
Acq: 21 Apr 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :
MH-1S

Tgt Ion:	117	Resp:	18419
Ion	Ratio	Lower	Upper
117	100		
82	61.9	45.3	67.9
119	36.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD072674.D
Acq: 21 Apr 2022 16:45

Tgt Ion:	152	Resp:	8522
Ion	Ratio	Lower	Upper
152	100		
115	52.2	31.3	93.8
150	157.5	0.0	348.6

