

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073287.D
 Acq On : 23 May 2022 17:13
 Operator : VA/SY
 Sample : N2940-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1-051922

Quant Time: May 24 03:27:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	7611	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	12293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	11602	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4616	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	6124	72.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.620%
35) Dibromofluoromethane	7.908	113	5669	69.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.780%
50) Toluene-d8	10.326	98	14578	48.753	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.620	95	5337	50.859	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.720%

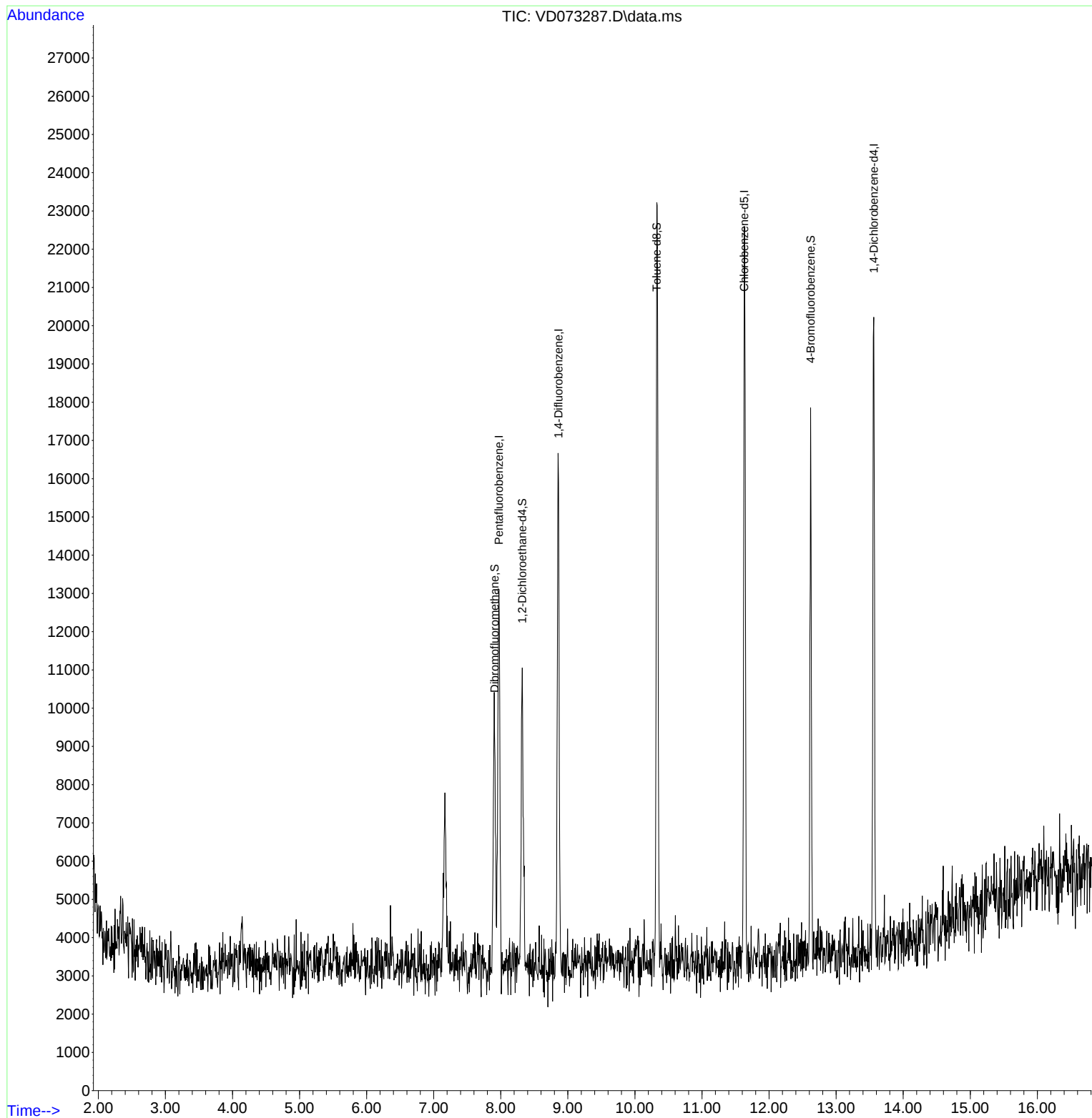
Target Compounds	Qvalue

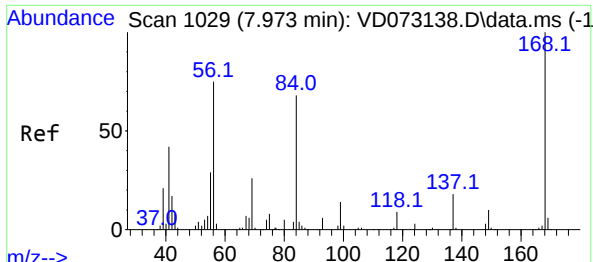
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073287.D

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Instrument :

MSVOA_D

ClientSampleId :

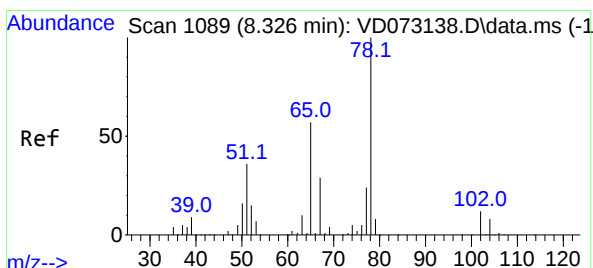
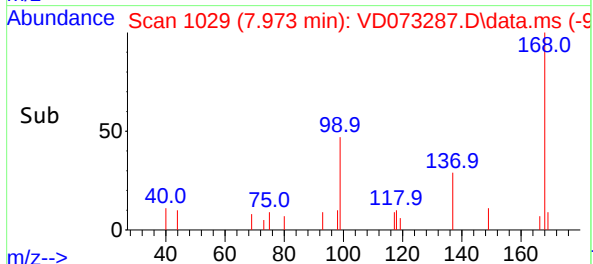
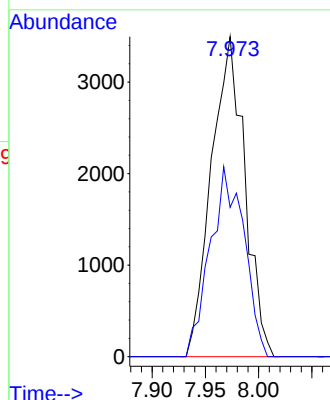
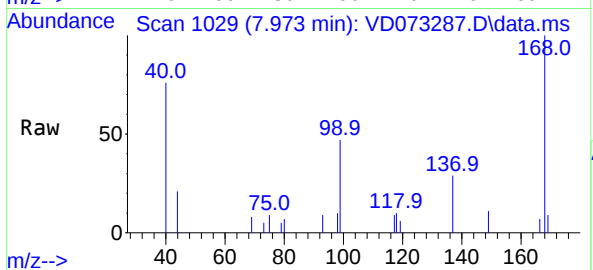
CL-1-051922

Tgt Ion:168 Resp: 7611

Ion Ratio Lower Upper

168 100

99 46.7 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 72.807 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073287.D

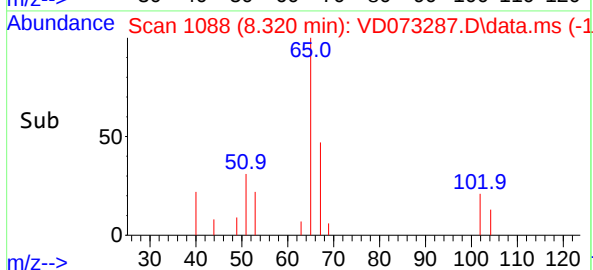
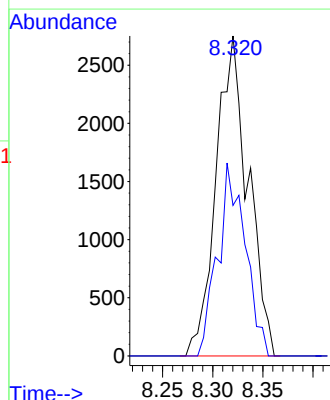
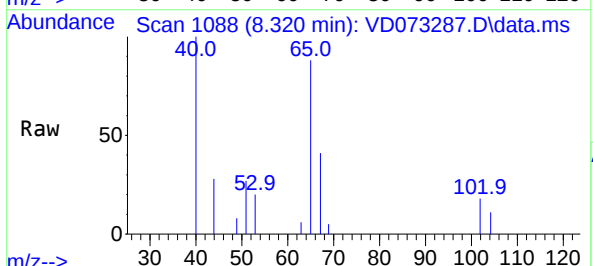
Acq: 23 May 2022 17:13

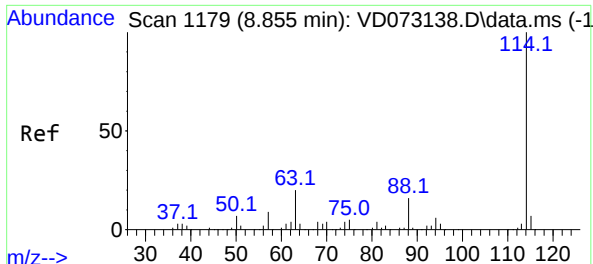
Tgt Ion: 65 Resp: 6124

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4

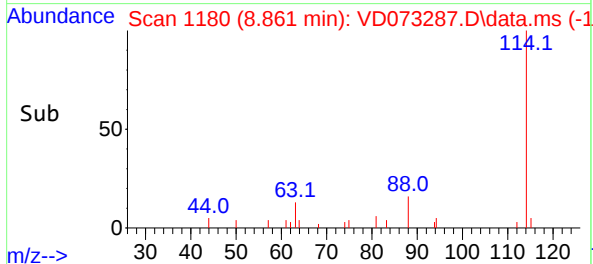
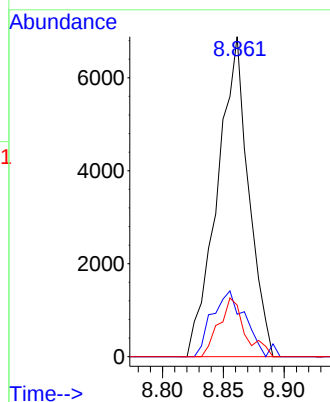
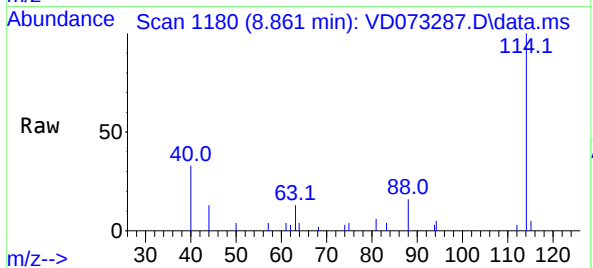




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073287.D
Acq: 23 May 2022 17:13

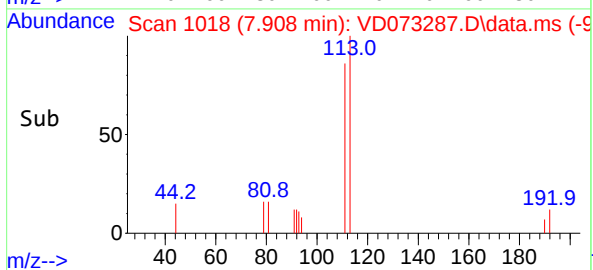
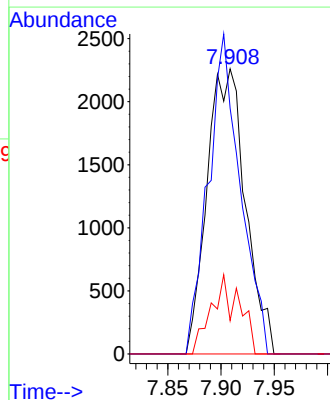
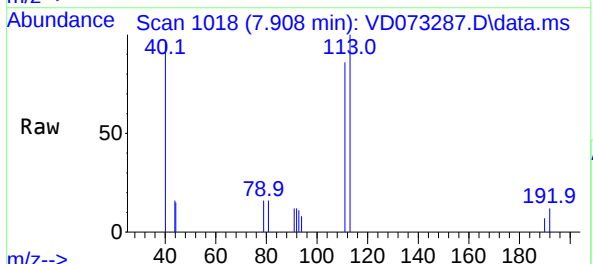
Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

Tgt Ion:	114	Resp:	12293
Ion	Ratio	Lower	Upper
114	100		
63	13.2	0.0	46.6
88	16.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 69.886 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073287.D
Acq: 23 May 2022 17:13

Tgt Ion:	113	Resp:	5669
Ion	Ratio	Lower	Upper
113	100		
111	93.5	83.8	125.6
192	20.1	14.6	21.8

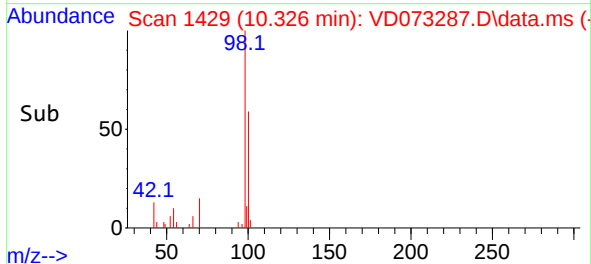
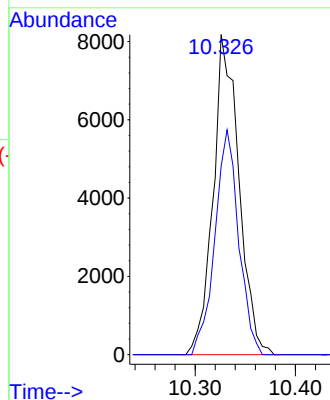
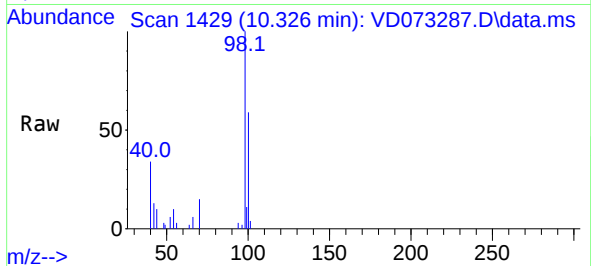




#50
Toluene-d8
Concen: 48.753 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073287.D
Acq: 23 May 2022 17:13

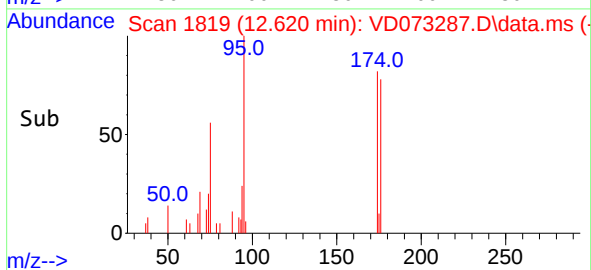
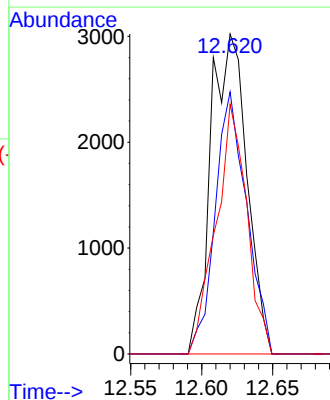
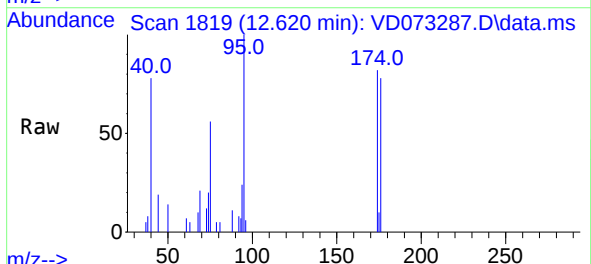
Instrument :
MSVOA_D
ClientSampleId :
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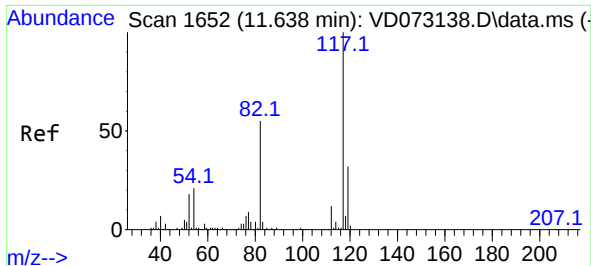
Tgt Ion: 98 Resp: 14578
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.859 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073287.D
Acq: 23 May 2022 17:13

Tgt Ion: 95 Resp: 5337
Ion Ratio Lower Upper
95 100
174 71.6 0.0 152.8
176 66.8 0.0 145.4

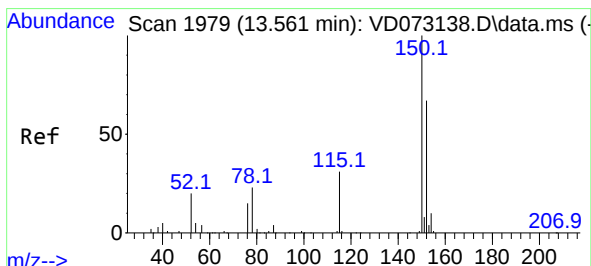
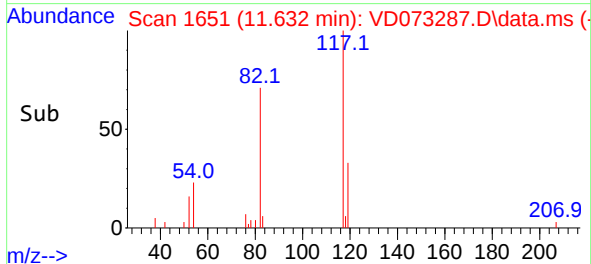
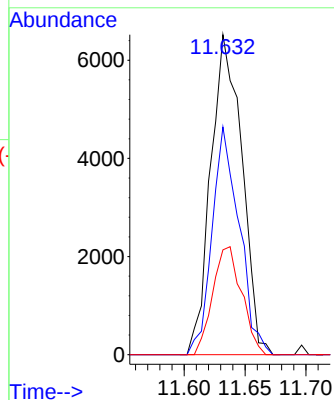
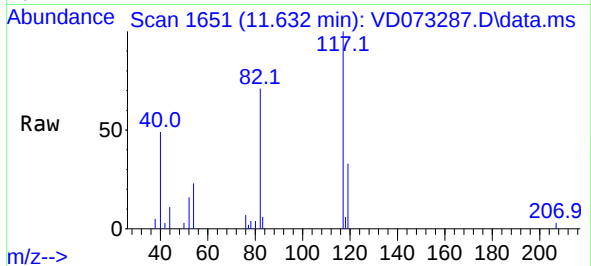




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11602
Delta R.T. -0.006 min
Lab File: VD073287.D
Acq: 23 May 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

Tgt Ion:	117	Resp:	11602
Ion	Ratio	Lower	Upper
117	100		
82	71.2	45.3	67.9#
119	32.8	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: VD073287.D
Acq: 23 May 2022 17:13

Tgt Ion:	152	Resp:	4616
Ion	Ratio	Lower	Upper
152	100		
115	72.0	31.3	93.8
150	167.7	0.0	348.6

