

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073307.D
 Acq On : 24 May 2022 03:52
 Operator : VA/SY
 Sample : N2949-09
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-1824-01

Quant Time: May 24 08:16:33 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	4138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	8264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	8467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	3241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	4653	101.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	203.500%#
35) Dibromofluoromethane	7.903	113	3954	72.509	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.020%
50) Toluene-d8	10.326	98	8596	42.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.520%
62) 4-Bromofluorobenzene	12.626	95	3432	48.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.300%

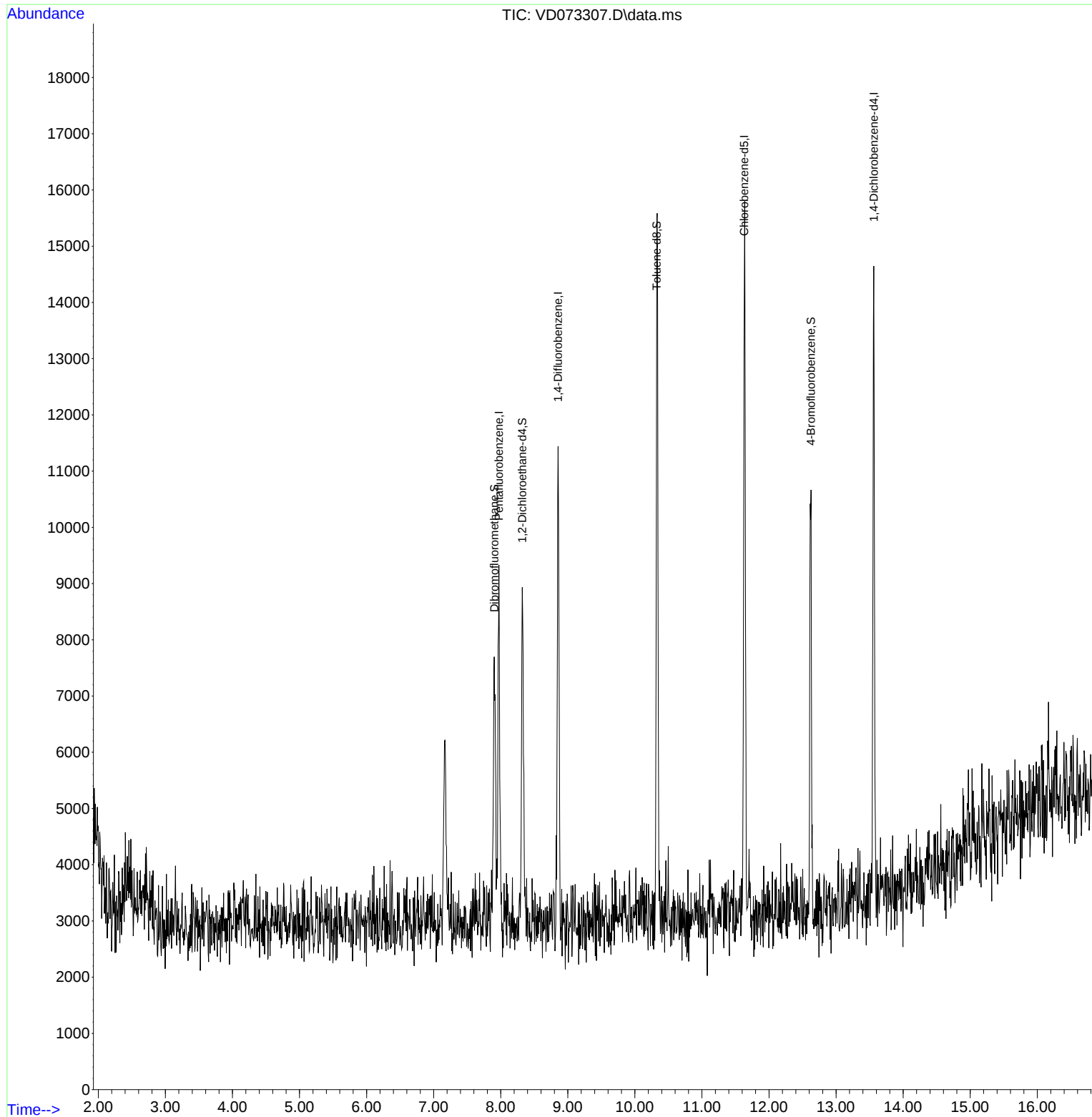
Target Compounds	Qvalue

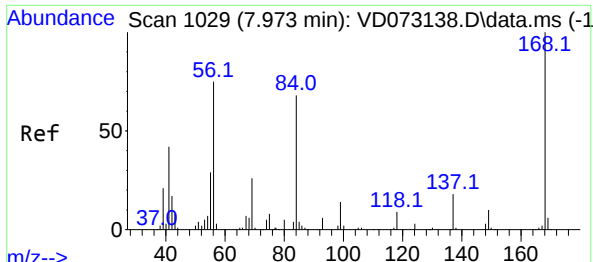
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073307.D

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Instrument :

MSVOA_D

ClientSampleId :

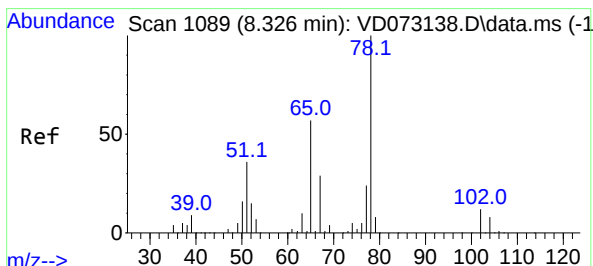
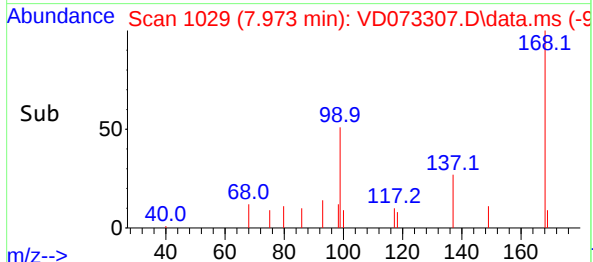
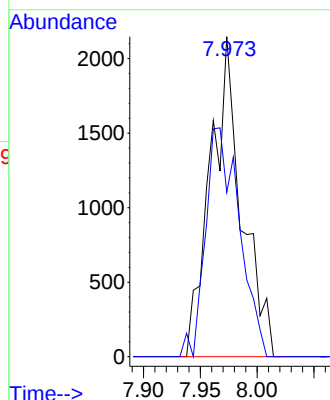
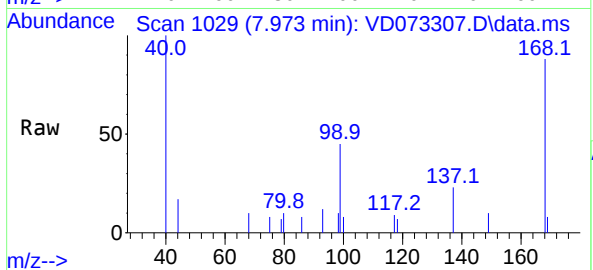
P043-SS001-1824-01

Tgt Ion:168 Resp: 4138

Ion Ratio Lower Upper

168 100

99 51.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 101.748 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073307.D

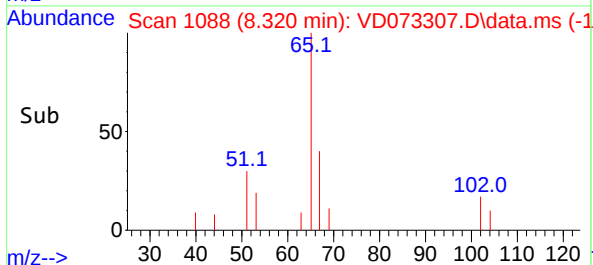
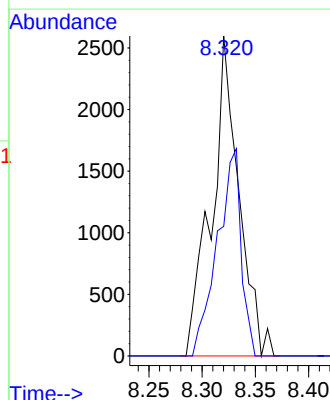
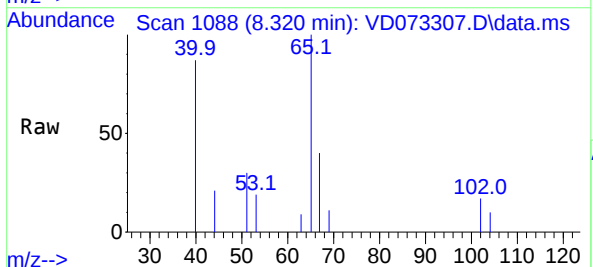
Acq: 24 May 2022 03:52

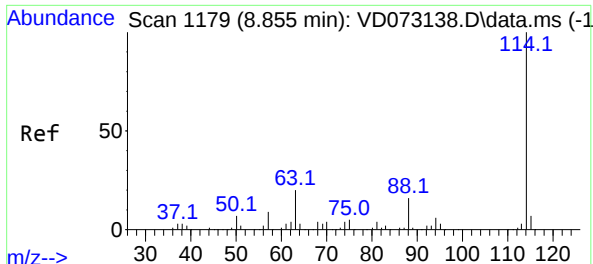
Tgt Ion: 65 Resp: 4653

Ion Ratio Lower Upper

65 100

67 56.0 0.0 101.4

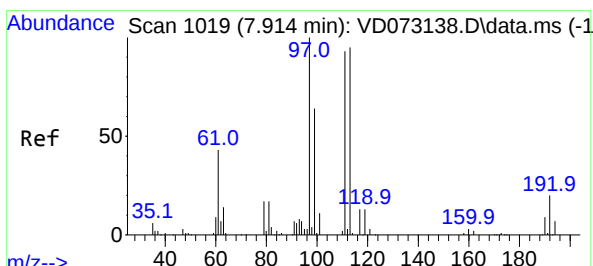
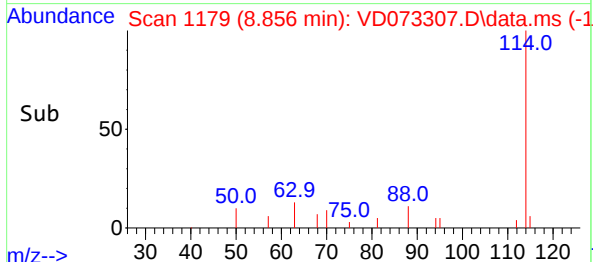
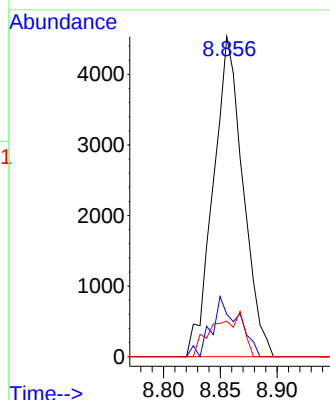
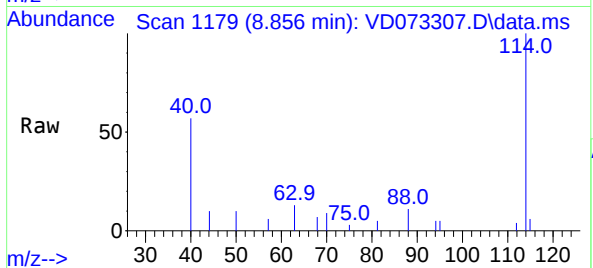




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073307.D
Acq: 24 May 2022 03:52

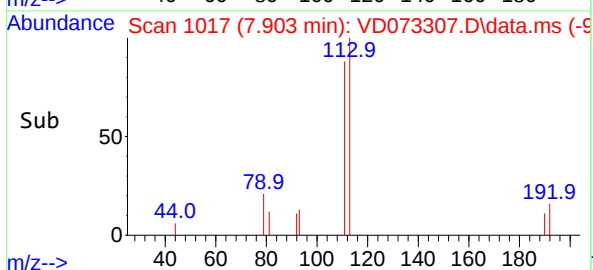
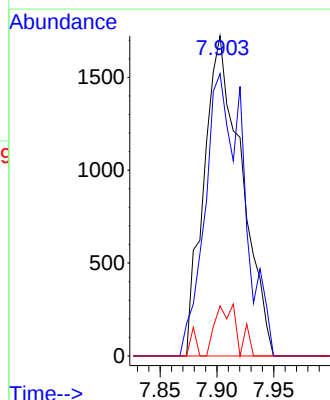
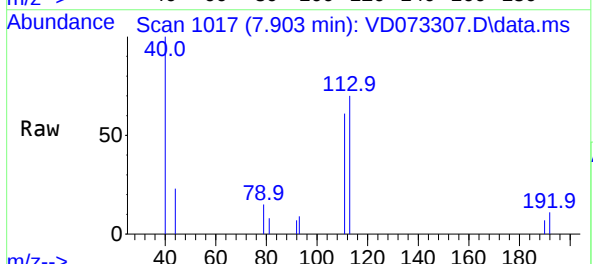
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P043-SS001-1824-01

Tgt Ion:	114	Resp:	8264
Ion Ratio	Lower	Upper	
114	100		
63	13.3	0.0	46.6
88	11.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 72.509 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073307.D
Acq: 24 May 2022 03:52

Tgt Ion:	113	Resp:	3954
Ion Ratio	Lower	Upper	
113	100		
111	91.3	83.8	125.6
192	9.6	14.6	21.8

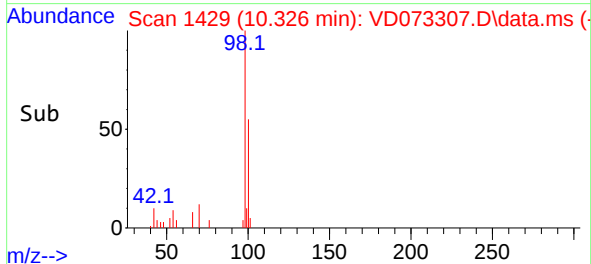
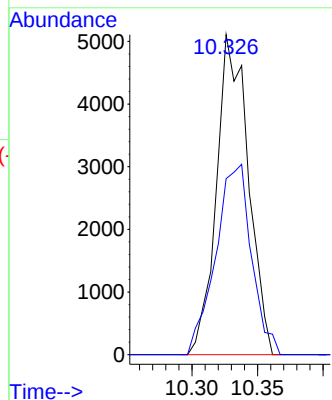
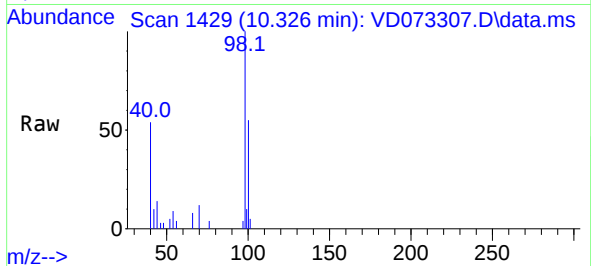




#50
Toluene-d8
Concen: 42.763 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073307.D
Acq: 24 May 2022 03:52

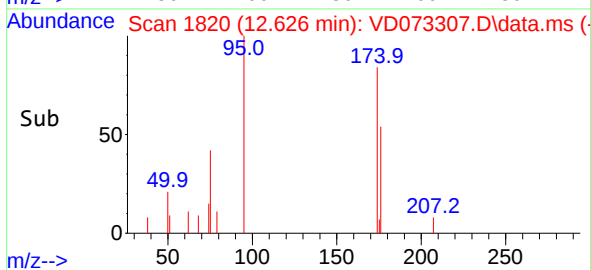
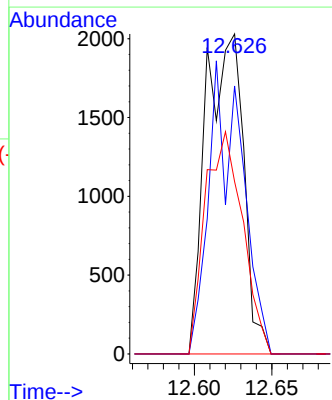
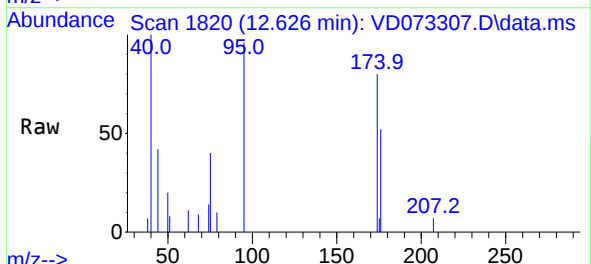
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1824-01

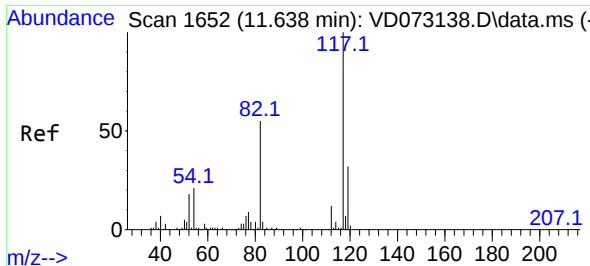
Tgt Ion: 98 Resp: 8596
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.650 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073307.D
Acq: 24 May 2022 03:52

Tgt Ion: 95 Resp: 3432
Ion Ratio Lower Upper
95 100
174 79.2 0.0 152.8
176 68.9 0.0 145.4

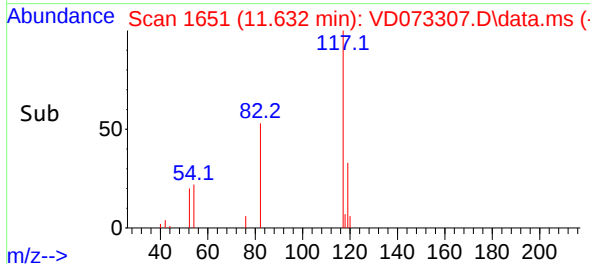
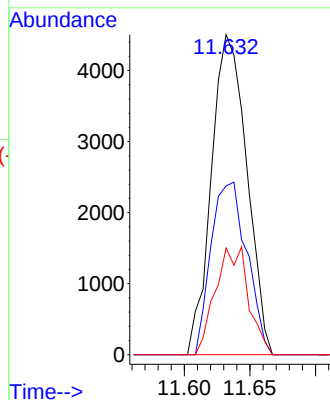
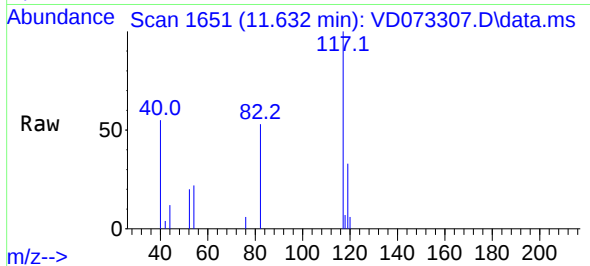




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073307.D
Acq: 24 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1824-01

Tgt Ion:	117	Resp:	8467
Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.3	67.9
119	33.3	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: VD073307.D
Acq: 24 May 2022 03:52

Tgt Ion:	152	Resp:	3241
Ion	Ratio	Lower	Upper
152	100		
115	70.8	31.3	93.8
150	156.1	0.0	348.6

