

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072769.D
 Acq On : 03 May 2022 15:26
 Operator : VA/SY
 Sample : N2641-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

Quant Time: May 04 01:26:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	4096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	8277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	7999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	4537	85.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.660%#
35) Dibromofluoromethane	7.902	113	3670	63.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.260%
50) Toluene-d8	10.332	98	9802	47.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.626	95	3450	44.372	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.740%

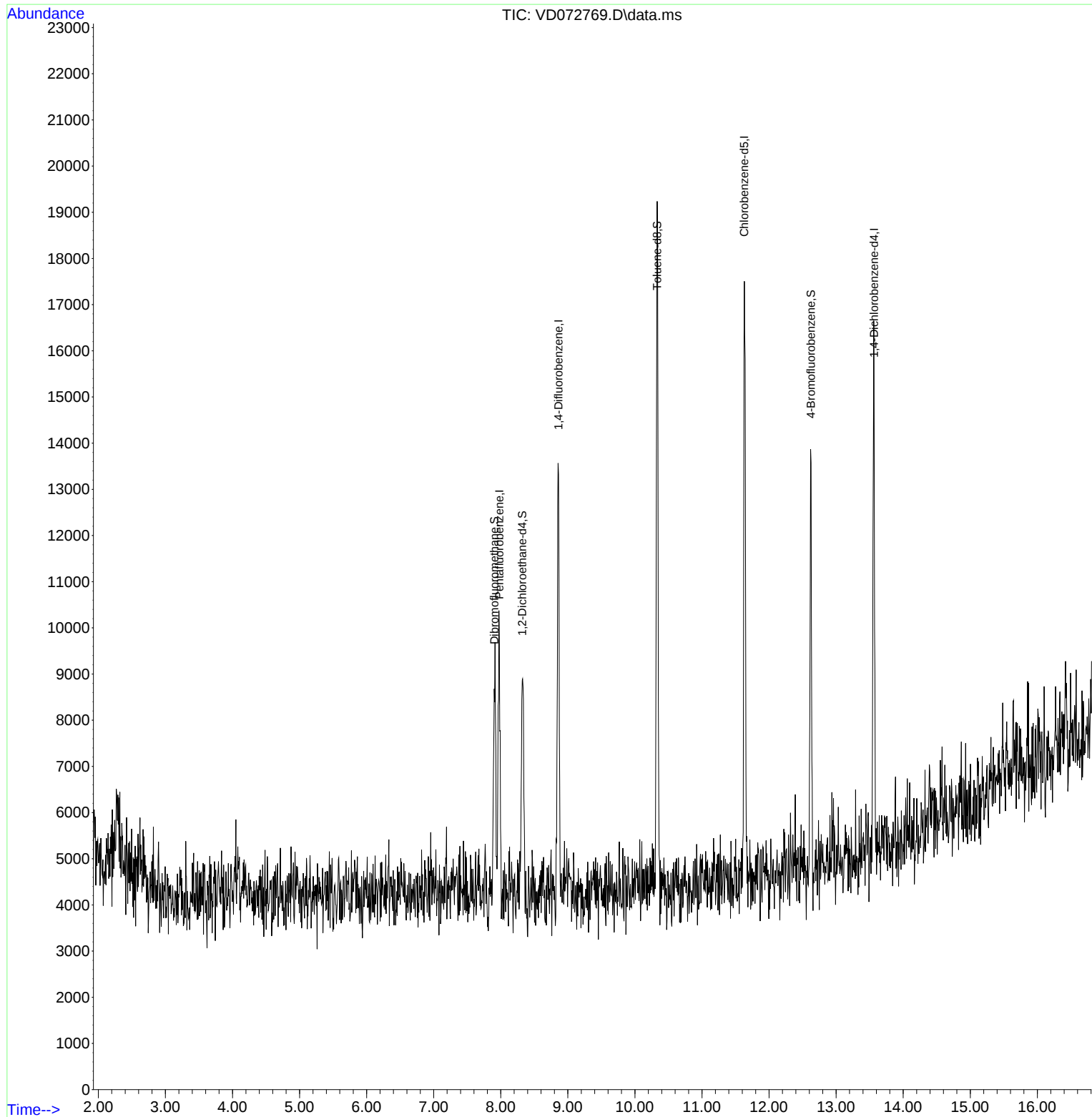
Target Compounds	Qvalue

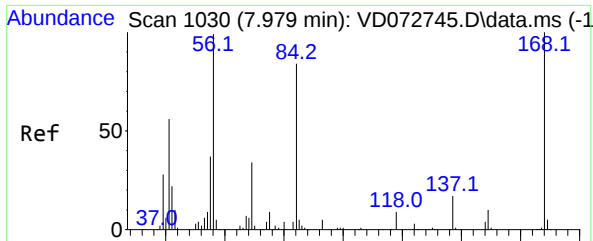
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072769.D

Acq: 03 May 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

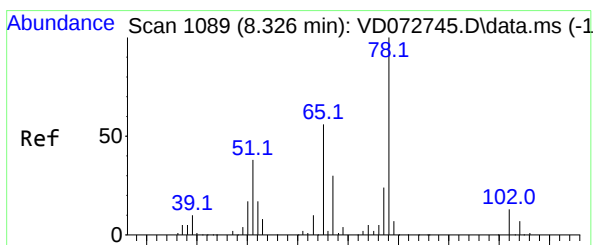
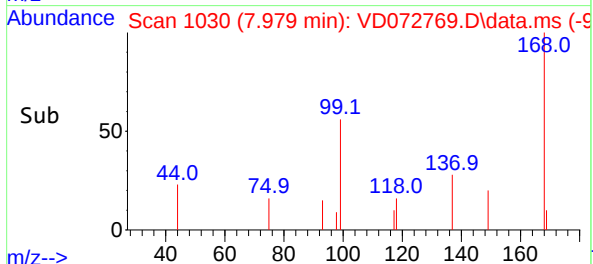
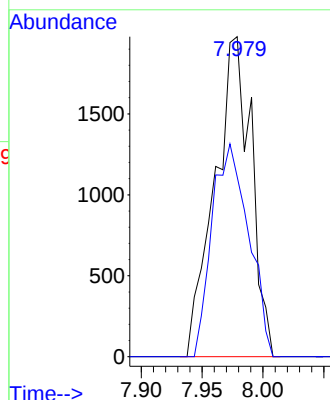
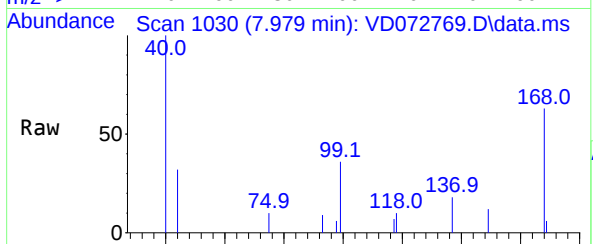
TP-24

Tgt Ion:168 Resp: 4096

Ion Ratio Lower Upper

168 100

99 56.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 85.331 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072769.D

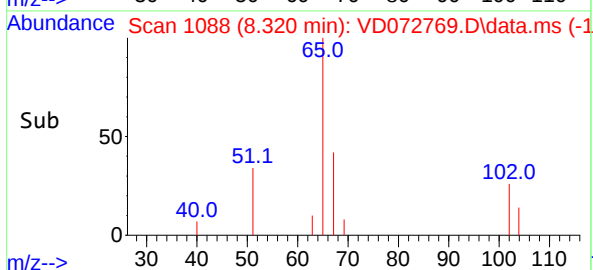
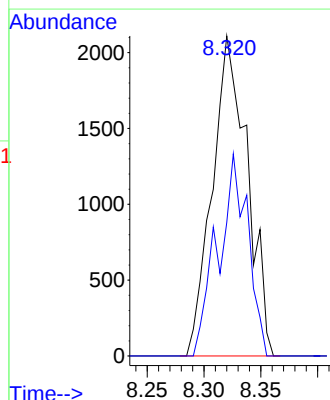
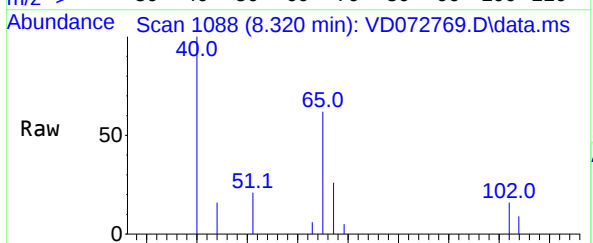
Acq: 03 May 2022 15:26

Tgt Ion: 65 Resp: 4537

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4



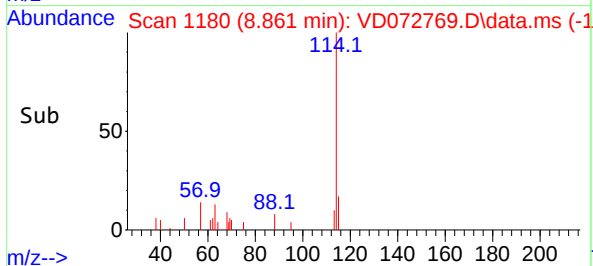
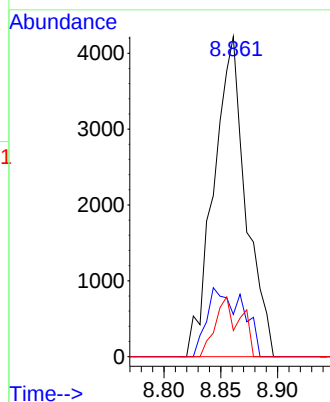
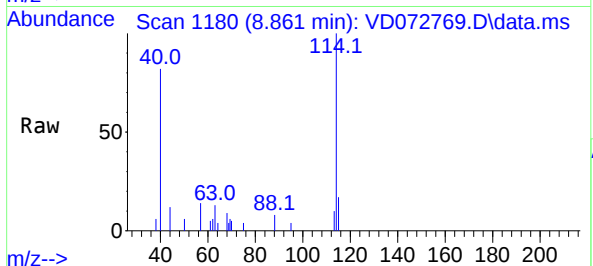


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072769.D
Acq: 03 May 2022 15:26

Instrument :
MSVOA_D
ClientSampleId :
TP-24

Tgt Ion:114 Resp: 8277

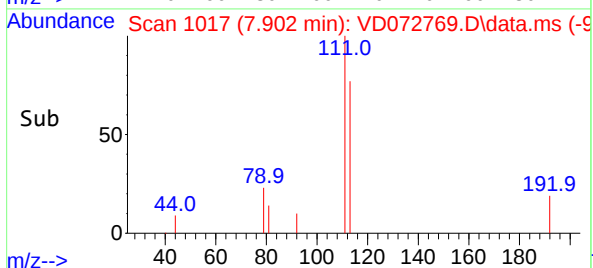
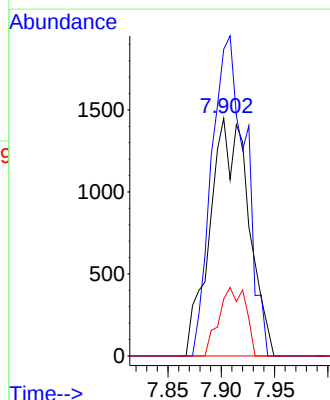
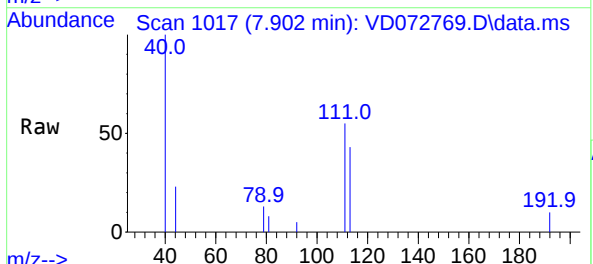
Ion	Ratio	Lower	Upper
114	100		
63	13.2	0.0	46.6
88	8.2	0.0	33.2

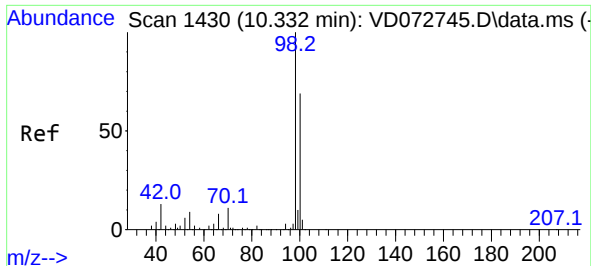


#35
Dibromofluoromethane
Concen: 63.134 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.007 min
Lab File: VD072769.D
Acq: 03 May 2022 15:26

Tgt Ion:113 Resp: 3670

Ion	Ratio	Lower	Upper
113	100		
111	118.2	83.8	125.6
192	19.8	14.6	21.8

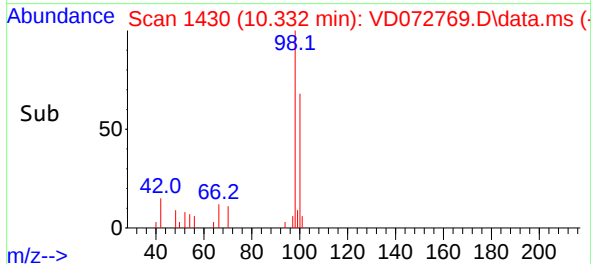
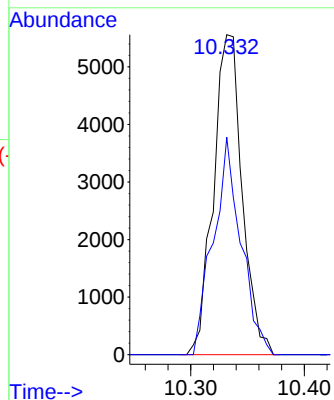
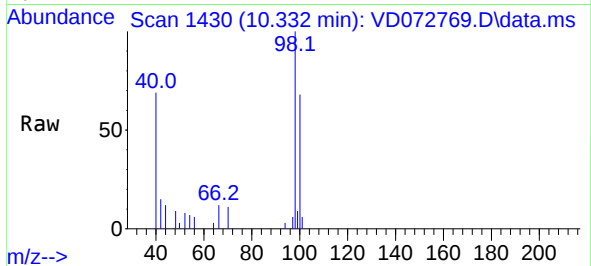




#50
Toluene-d8
Concen: 47.008 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072769.D
Acq: 03 May 2022 15:26

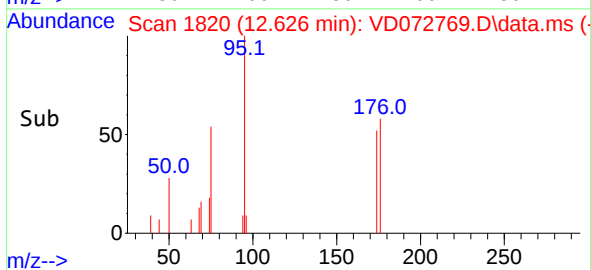
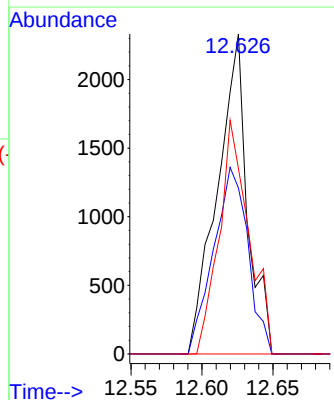
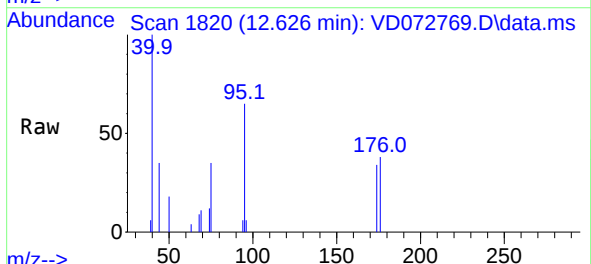
Instrument :
MSVOA_D
ClientSampleId :
TP-24

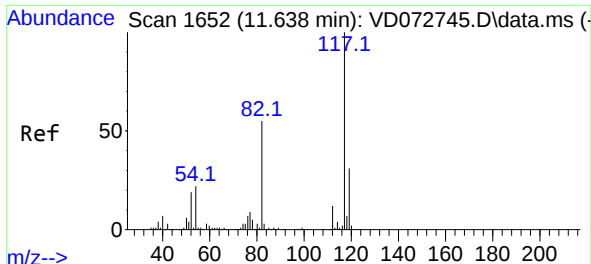
Tgt Ion: 98 Resp: 9802
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.372 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072769.D
Acq: 03 May 2022 15:26

Tgt Ion: 95 Resp: 3450
Ion Ratio Lower Upper
95 100
174 66.4 0.0 152.8
176 72.0 0.0 145.4

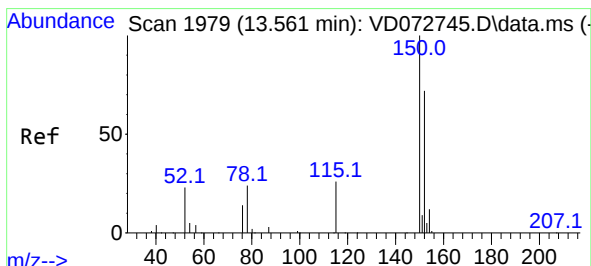
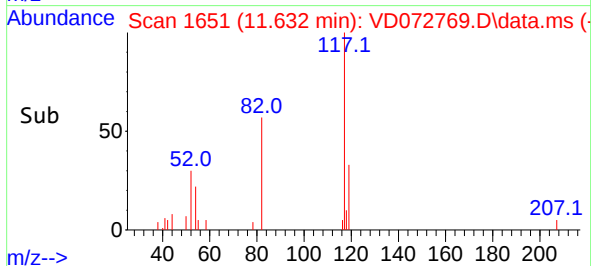
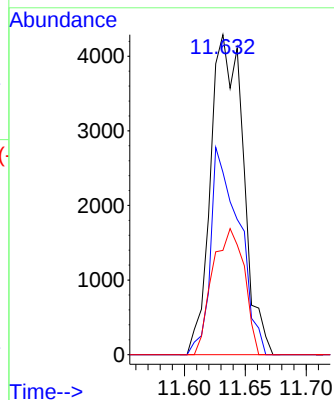
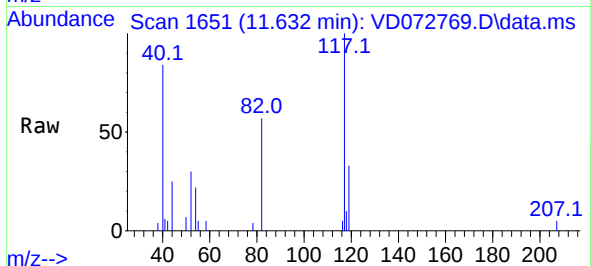




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072769.D
Acq: 03 May 2022 15:26

Instrument :
MSVOA_D
ClientSampleId :
TP-24

Tgt Ion:	117	Resp:	7999
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.3	67.9
119	32.6	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072769.D
Acq: 03 May 2022 15:26

Tgt Ion:	152	Resp:	3050
Ion	Ratio	Lower	Upper
152	100		
115	68.1	31.3	93.8
150	145.6	0.0	348.6

