

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073041.D
 Acq On : 16 May 2022 18:06
 Operator : VA/SY
 Sample : N2816-21
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS013-0006-01

Quant Time: May 17 03:30:06 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	7.973	168	293963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	543134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	494729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	160148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177417	46.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.980%
35) Dibromofluoromethane	7.908	113	186381	48.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.332	98	636085	46.487	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.620	95	193568	37.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.880%

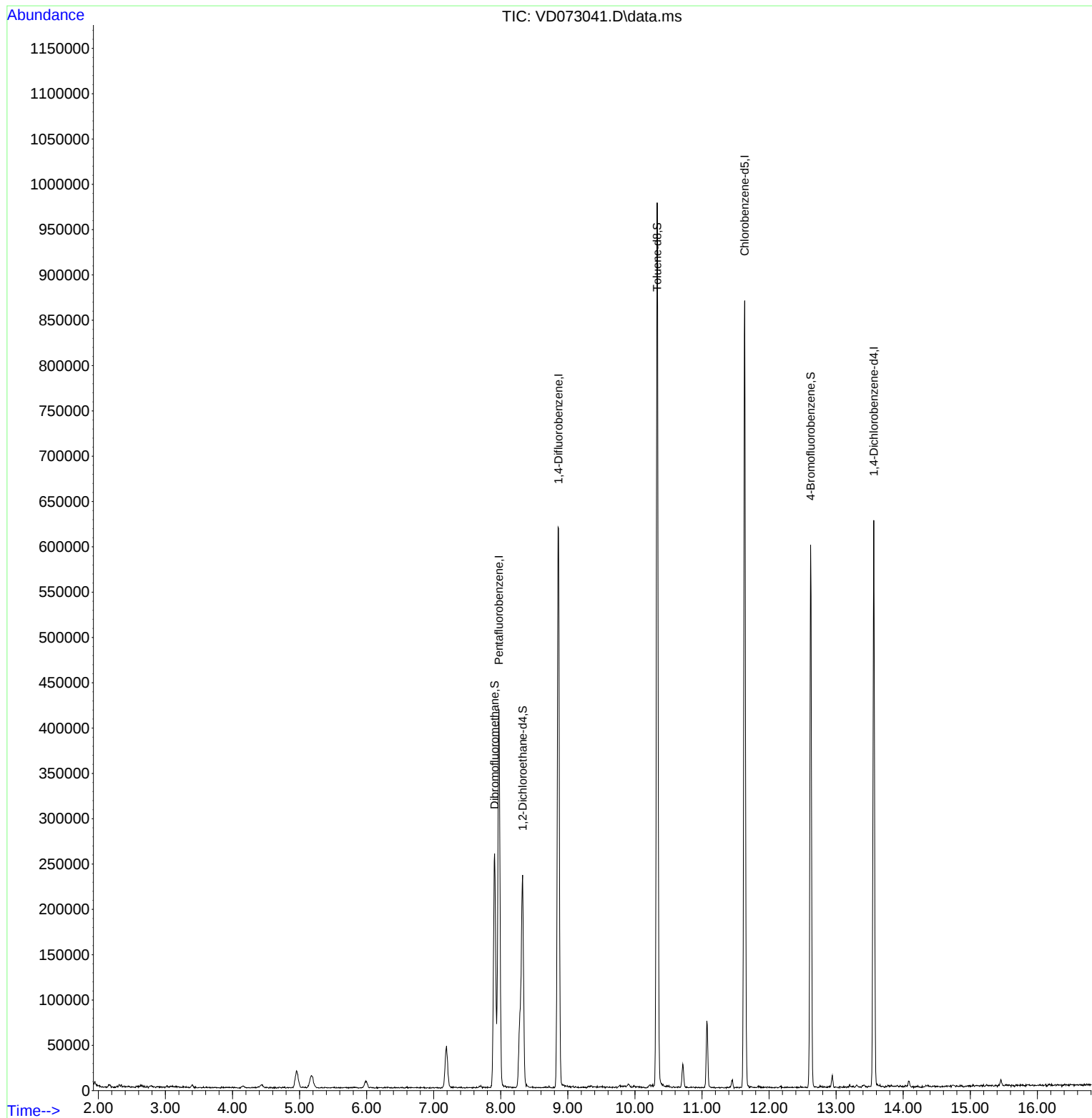
Target Compounds	Qvalue

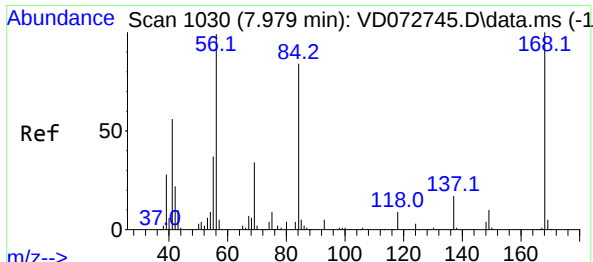
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073041.D

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Instrument :

MSVOA_D

ClientSampleId :

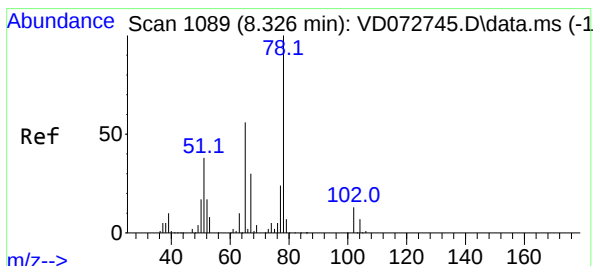
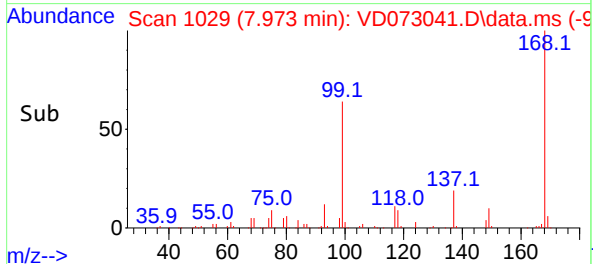
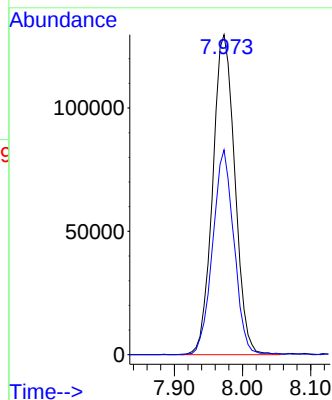
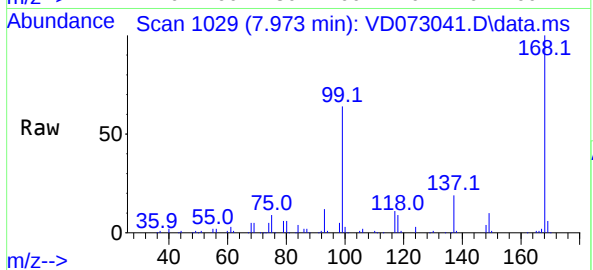
P007-SS013-0006-01

Tgt Ion:168 Resp: 293963

Ion Ratio Lower Upper

168 100

99 63.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.495 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073041.D

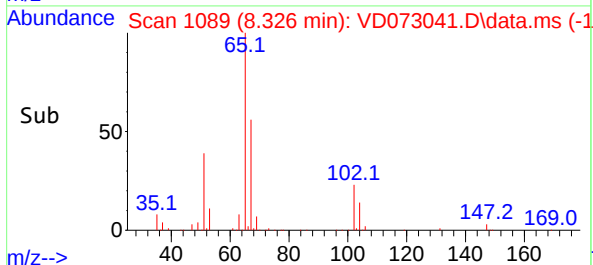
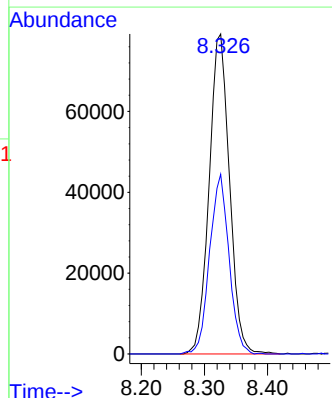
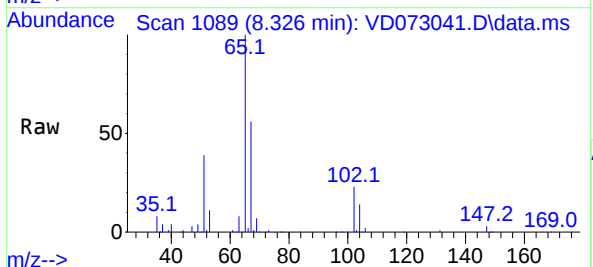
Acq: 16 May 2022 18:06

Tgt Ion: 65 Resp: 177417

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4

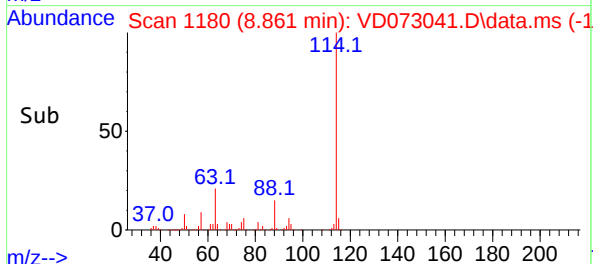
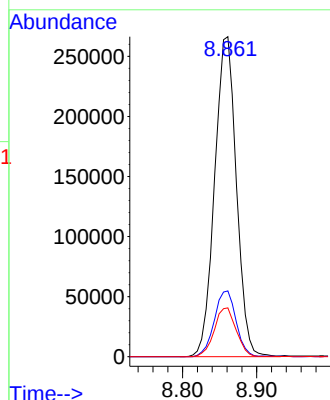
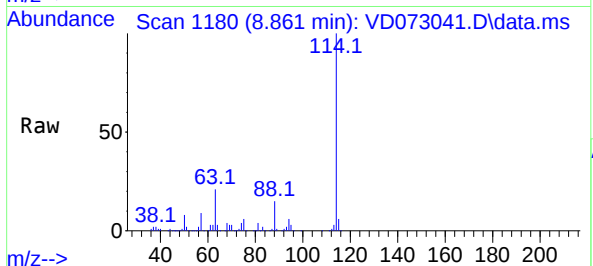




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073041.D
Acq: 16 May 2022 18:06

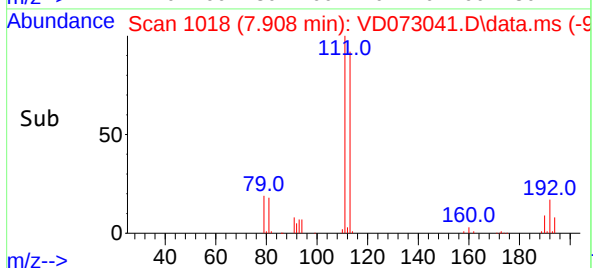
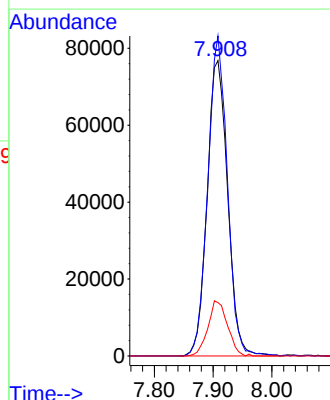
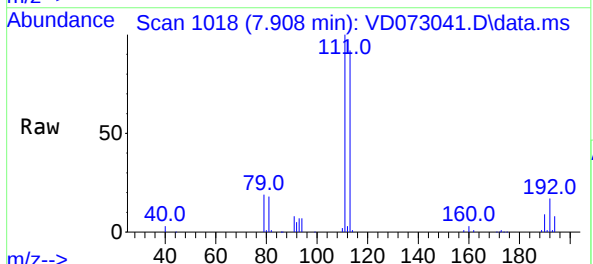
Instrument :
MSVOA_D
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P007-SS013-0006-01

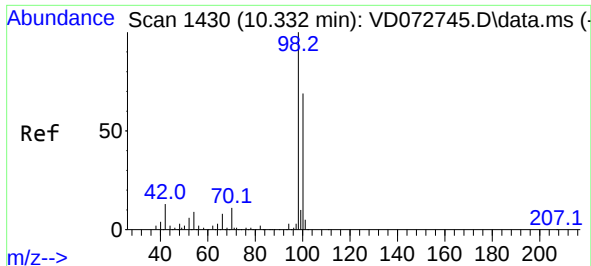
Tgt Ion:	114	Resp:	543134
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	46.6
88	15.2	0.0	33.2



#35
Dibromofluoromethane
Concen: 48.861 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073041.D
Acq: 16 May 2022 18:06

Tgt Ion:	113	Resp:	186381
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.8	125.6
192	17.9	14.6	21.8

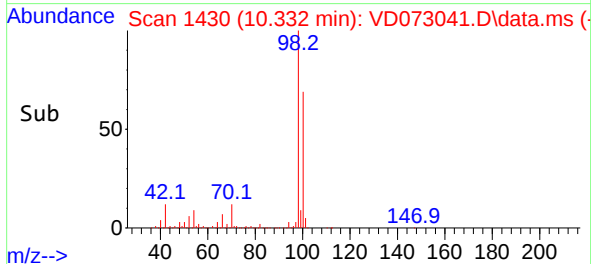
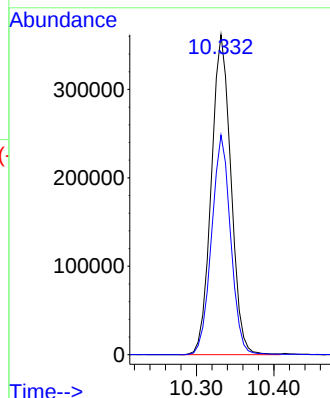
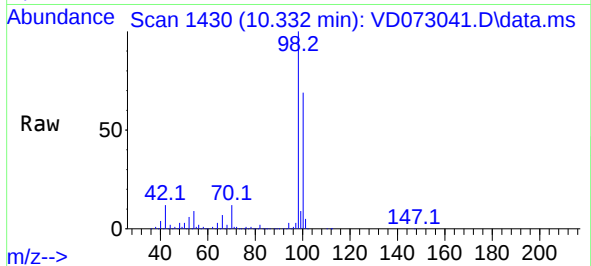




#50
Toluene-d8
Concen: 46.487 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073041.D
Acq: 16 May 2022 18:06

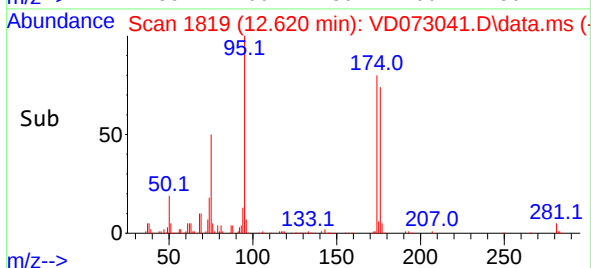
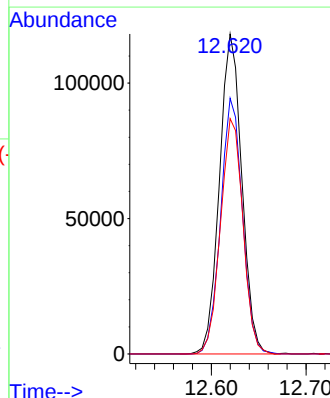
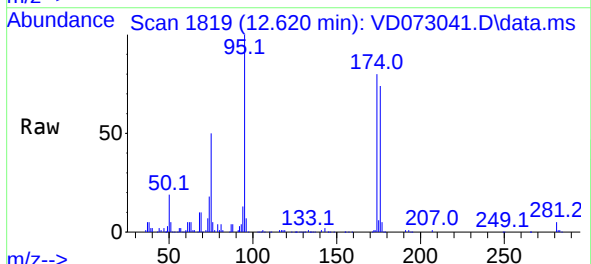
Instrument :
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ClientSampleId :
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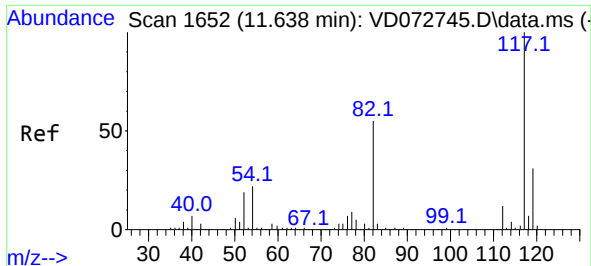
Tgt Ion: 98 Resp: 636085
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 37.940 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073041.D
Acq: 16 May 2022 18:06

Tgt Ion: 95 Resp: 193568
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 73.8 0.0 145.4

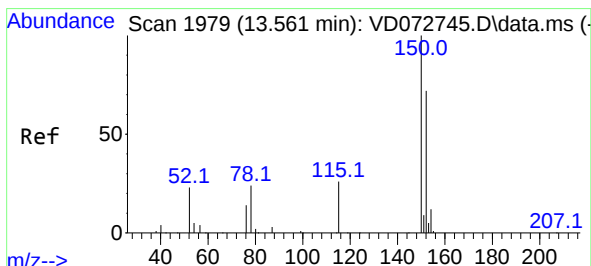
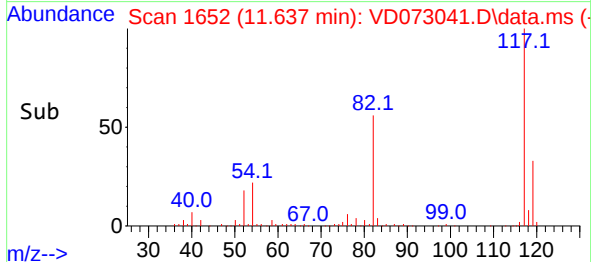
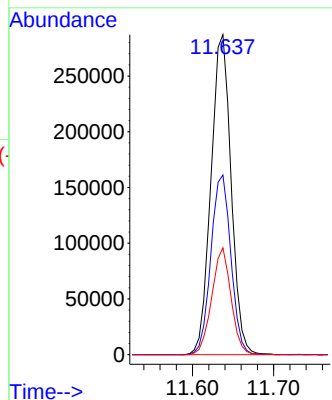
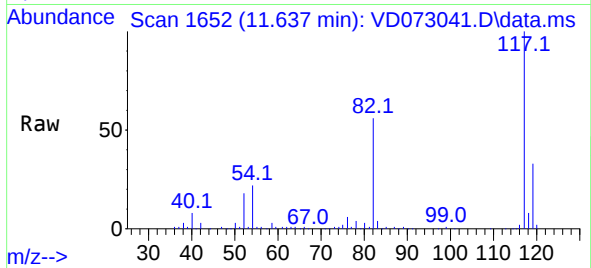




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD073041.D
Acq: 16 May 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
P007-SS013-0006-01

Tgt Ion:117 Resp: 494729
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 33.4 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: VD073041.D
Acq: 16 May 2022 18:06

Tgt Ion:152 Resp: 160148
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 159.2 0.0 348.6

