

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072974.D
 Acq On : 13 May 2022 04:51
 Operator : VA/SY
 Sample : N2817-10
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P010-SS003-1824-01

Quant Time: May 13 06:03:59 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	310734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	560074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182109	45.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.300%
35) Dibromofluoromethane	7.914	113	189947	48.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.332	98	685524	48.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.620	95	246940	47.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.040%

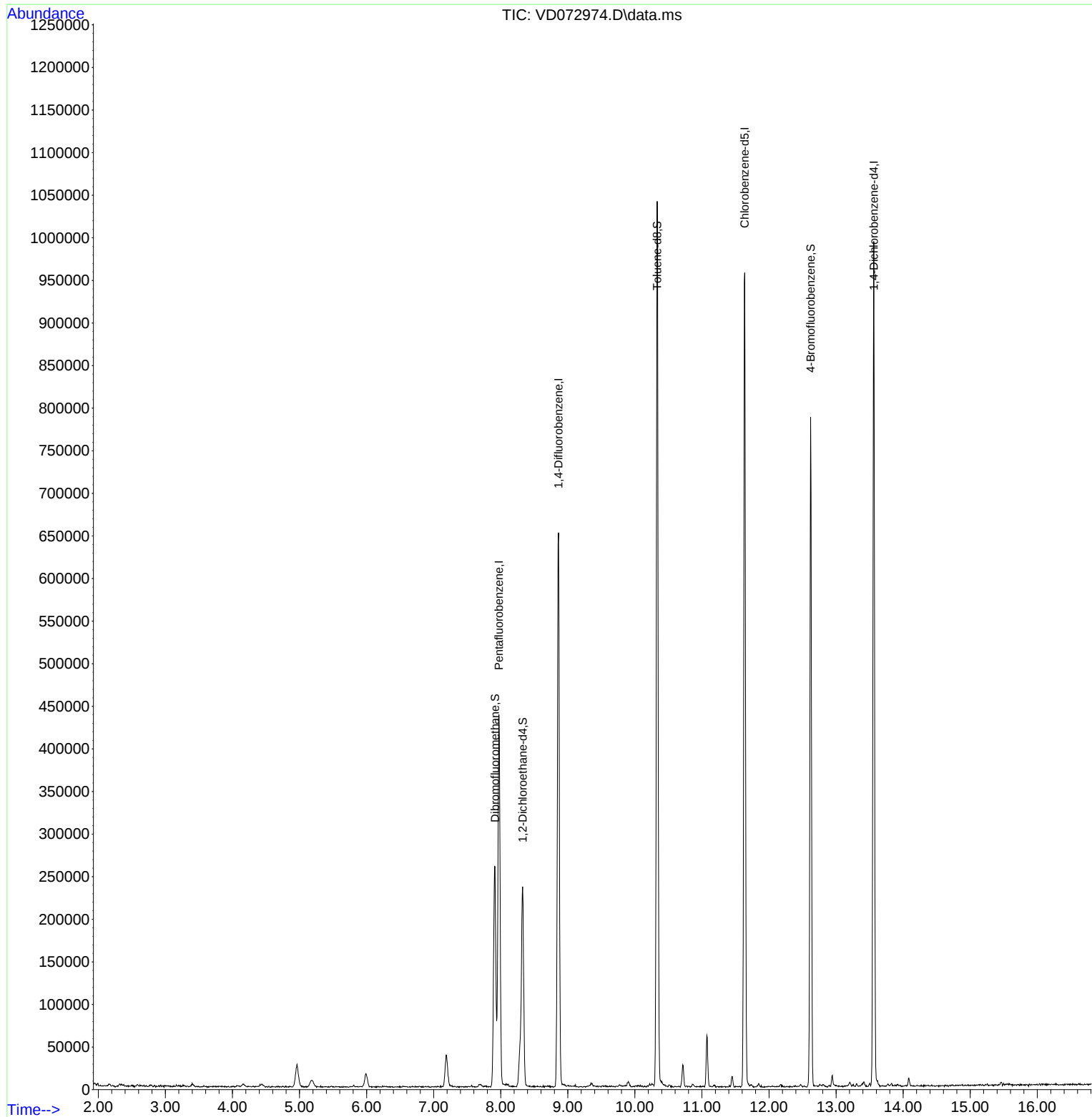
Target Compounds	Qvalue

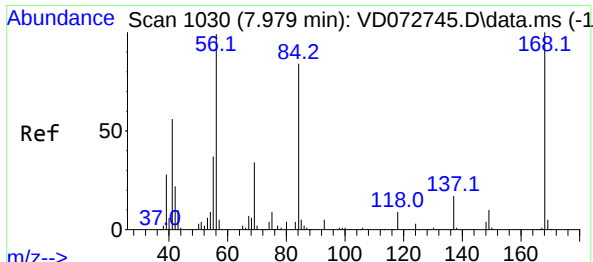
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

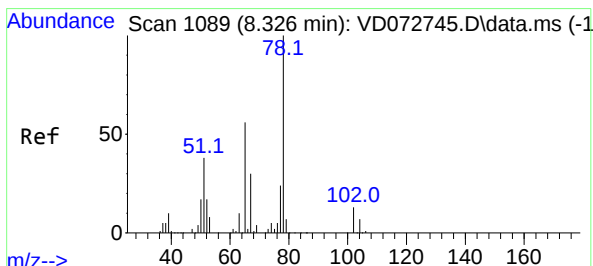
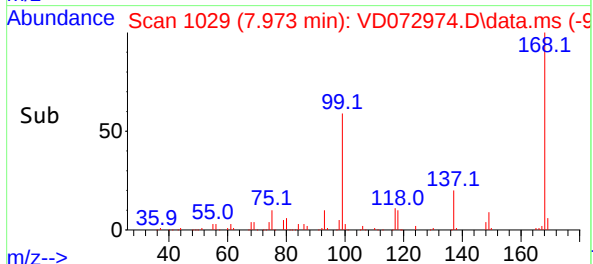
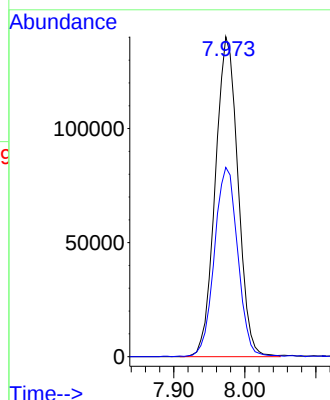
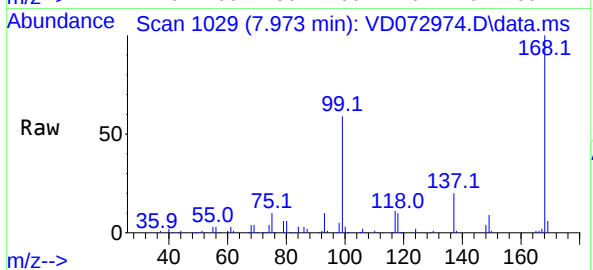
P010-SS003-1824-01

Tgt Ion:168 Resp: 310734

Ion Ratio Lower Upper

168 100

99 59.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.148 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072974.D

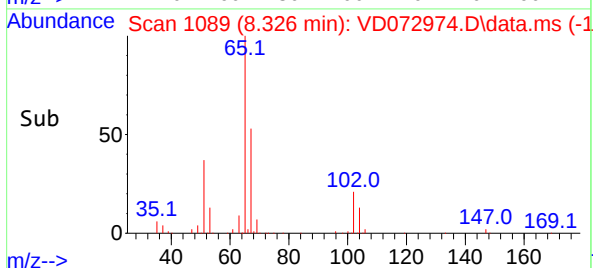
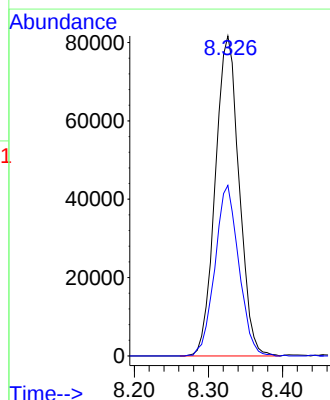
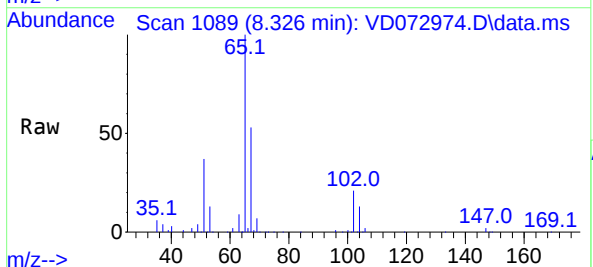
Acq: 13 May 2022 04:51

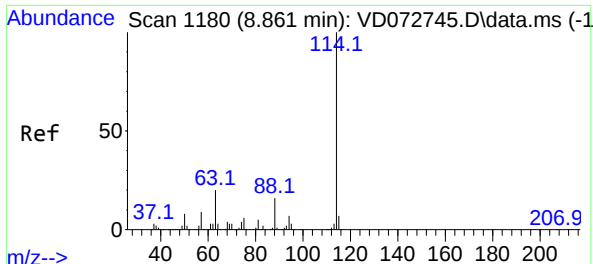
Tgt Ion: 65 Resp: 182109

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4

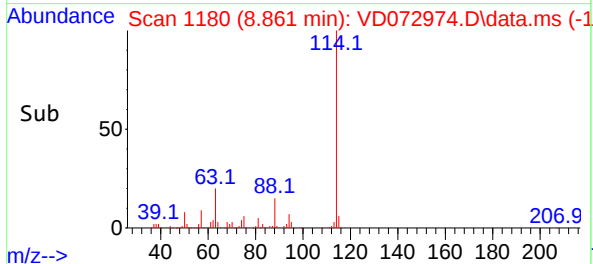
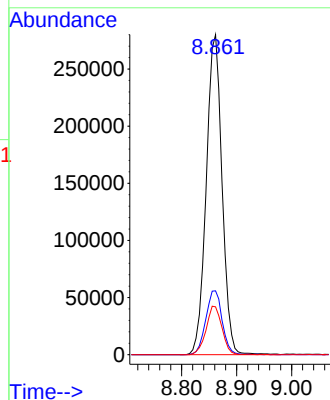
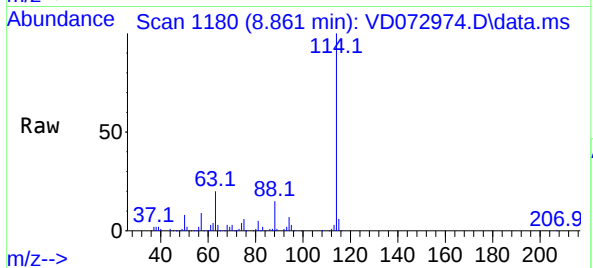




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

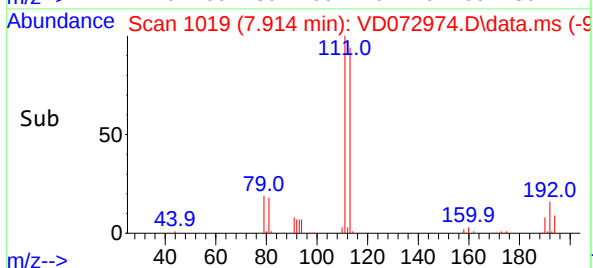
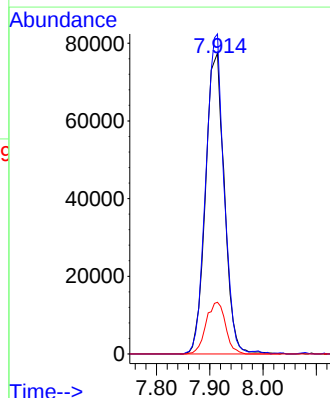
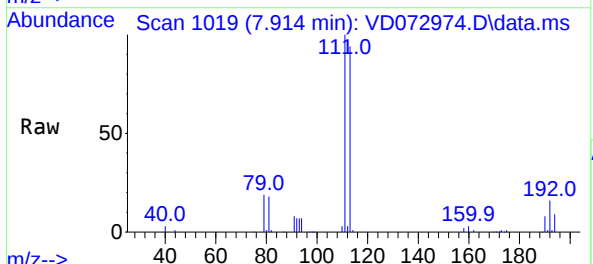
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

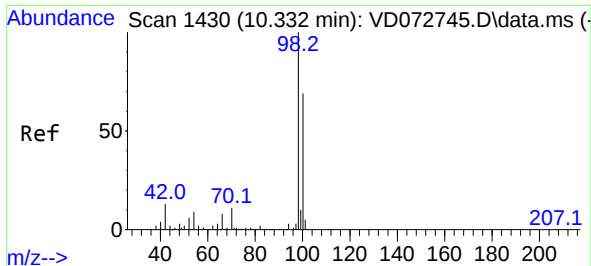
Tgt Ion:	114	Resp:	559121
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	46.6
88	14.9	0.0	33.2



#35
Dibromofluoromethane
Concen: 48.372 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.005 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion:	113	Resp:	189947
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	17.8	14.6	21.8

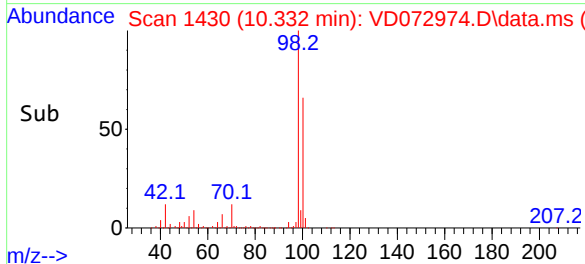
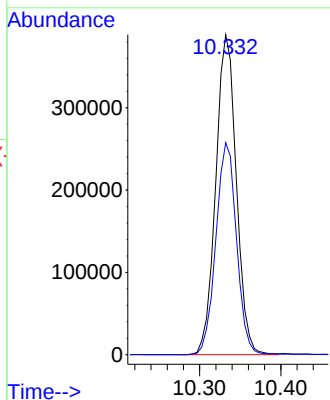
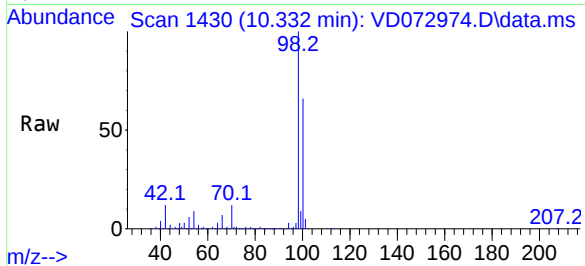




#50
Toluene-d8
Concen: 48.668 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

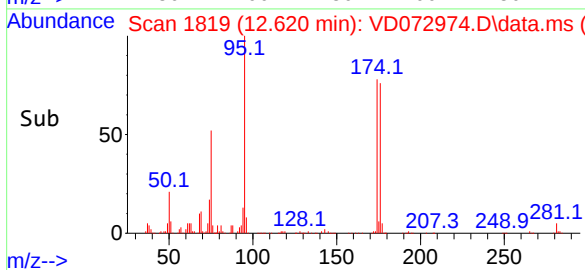
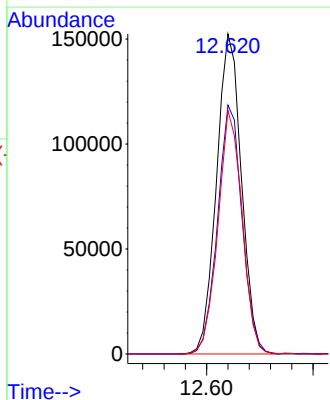
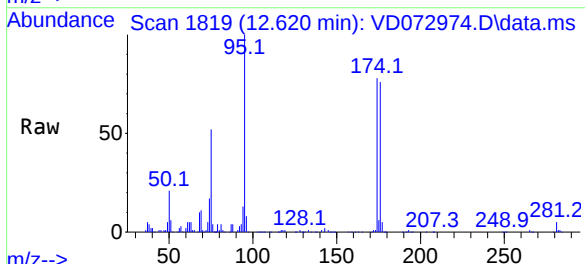
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

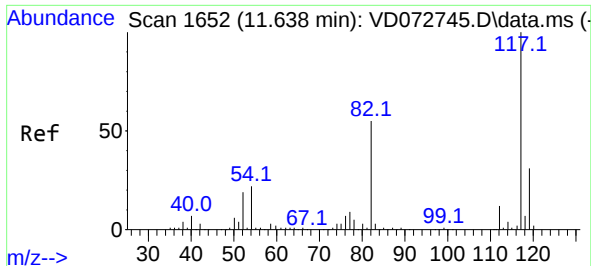
Tgt Ion: 98 Resp: 685524
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion: 95 Resp: 246940
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.9 0.0 145.4

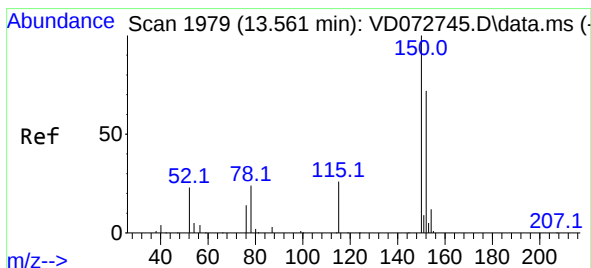
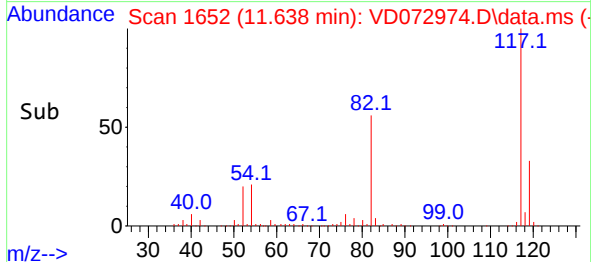
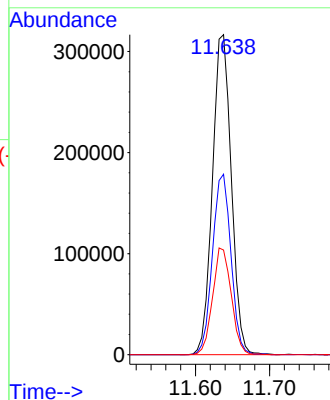
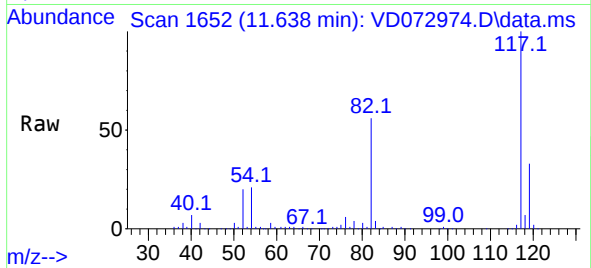




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072974.D
Acq: 13 May 2022 04:51

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-1824-01

Tgt Ion:117 Resp: 560074
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.7 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: VD072974.D
Acq: 13 May 2022 04:51

Tgt Ion:152 Resp: 253791
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 159.8 0.0 348.6

