

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073274.D
 Acq On : 23 May 2022 10:58
 Operator : VA/SY
 Sample : VD0523SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBL01

Quant Time: May 24 03:24:57 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	306073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	544701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	578060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175310	51.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.660%
35) Dibromofluoromethane	7.908	113	189002	52.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.160%
50) Toluene-d8	10.332	98	680081	51.329	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.620	95	248359	53.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.820%

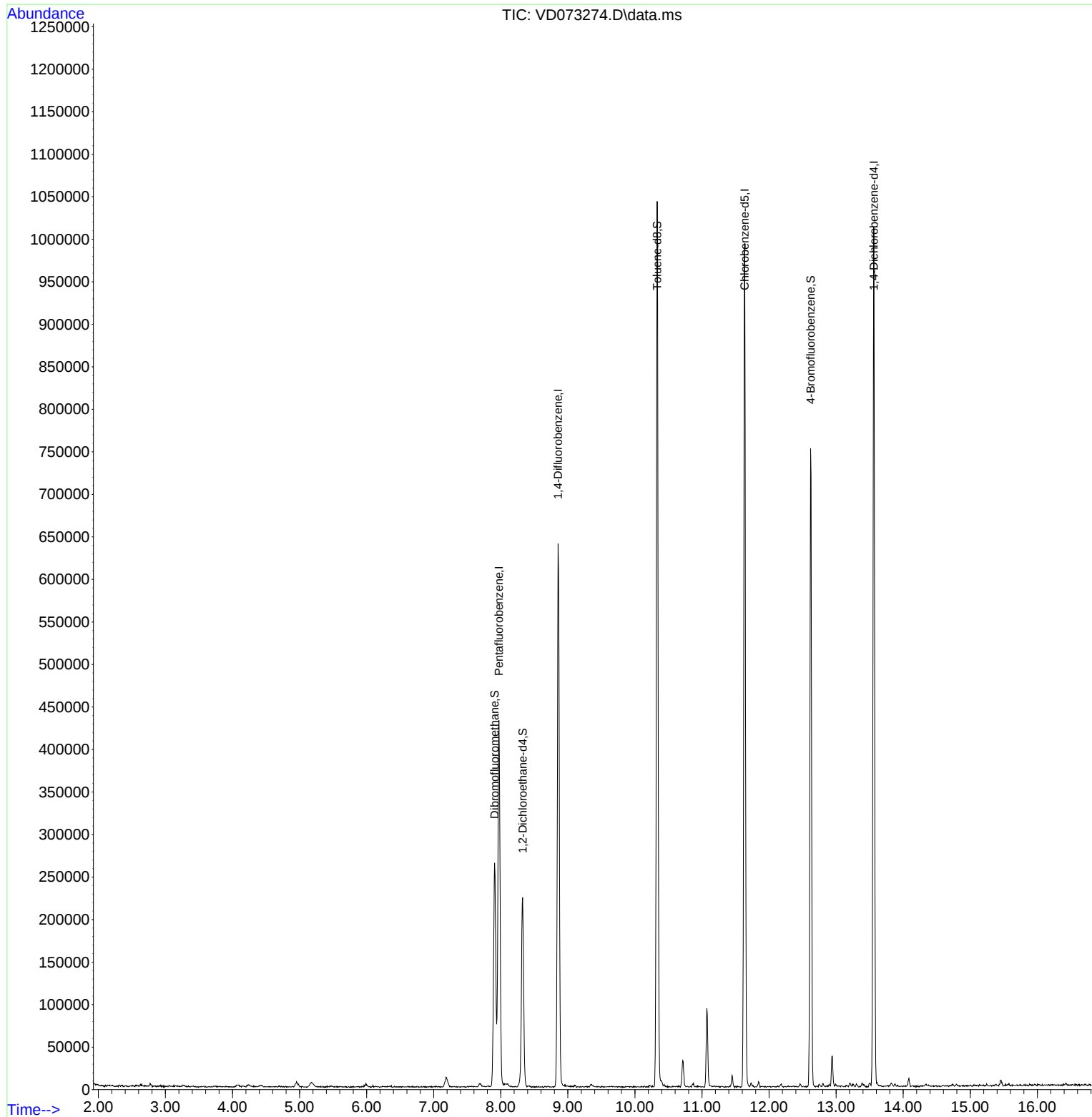
Target Compounds	Qvalue

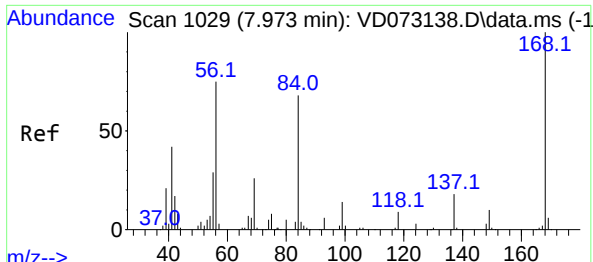
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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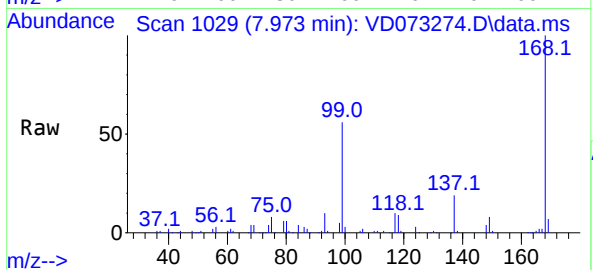
Quant Time: May 24 03:24:57 2022
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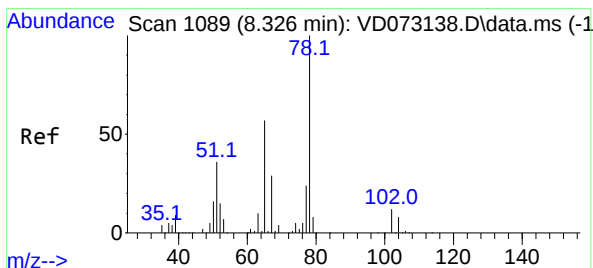
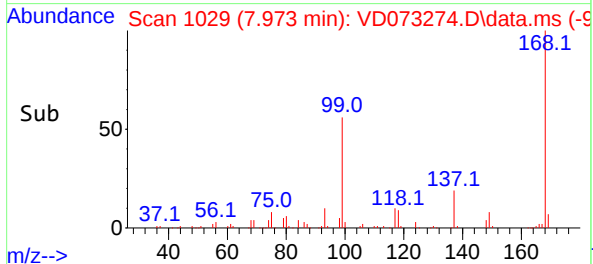
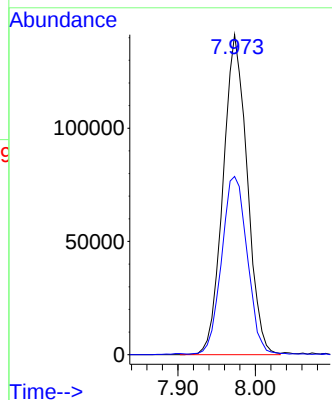


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

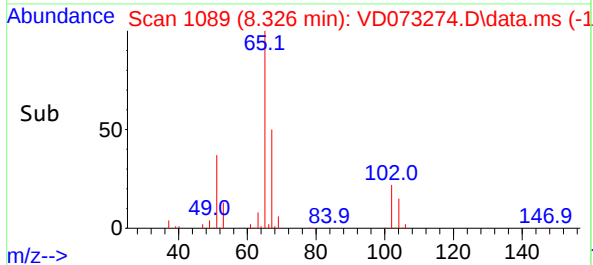
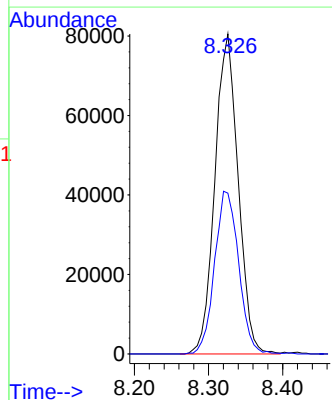
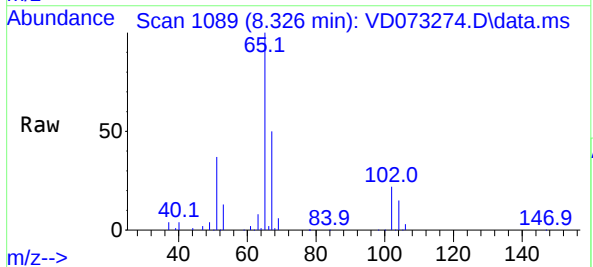


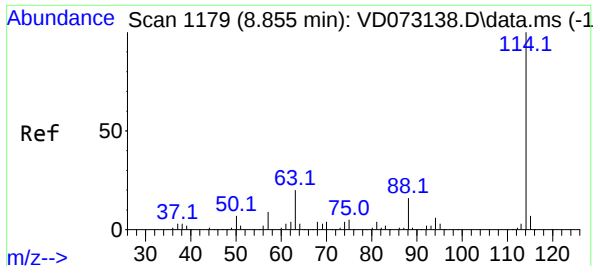
Tgt Ion:168 Resp: 306073
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.828 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion: 65 Resp: 175310
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4

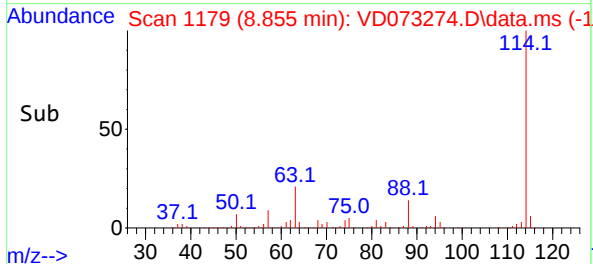
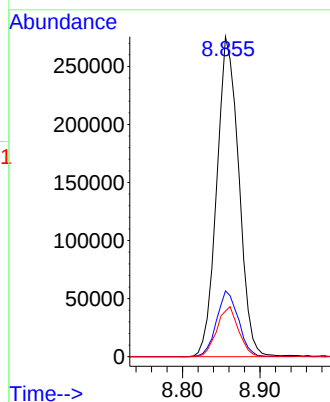
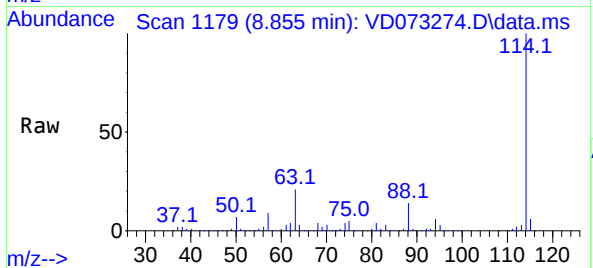




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

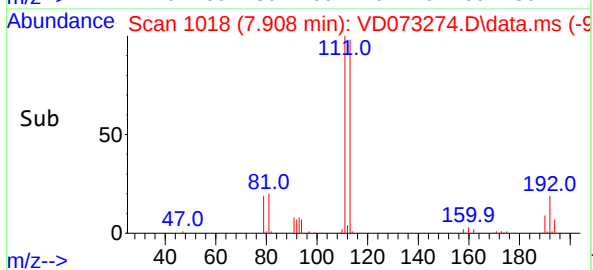
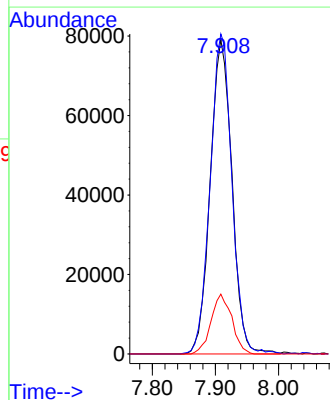
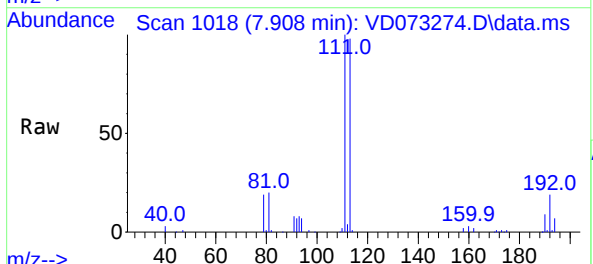
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

Tgt Ion:114 Resp: 544701
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 14.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.584 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion:113 Resp: 189002
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 18.2 14.6 21.8

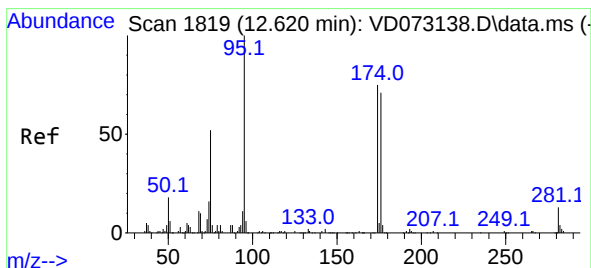
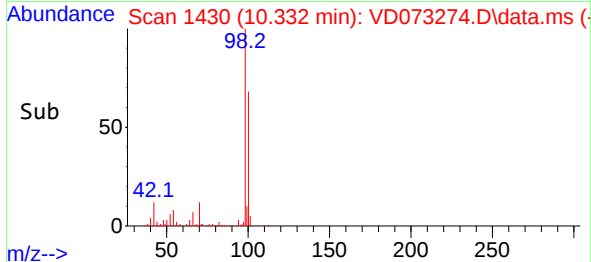
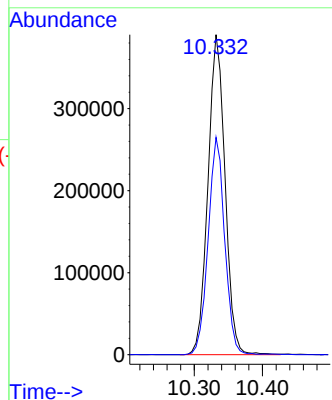
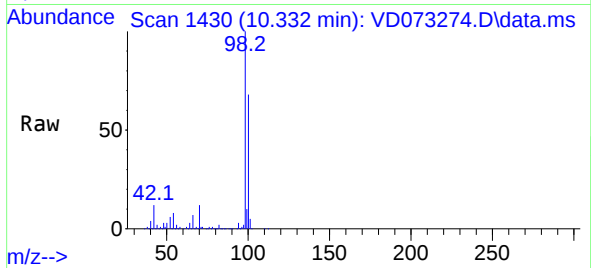




#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

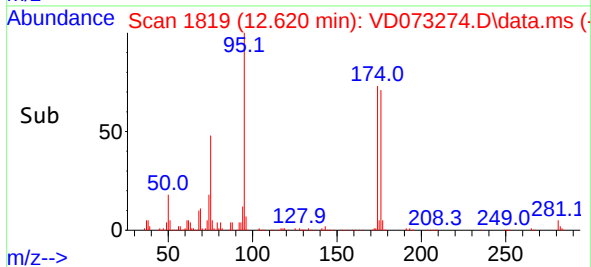
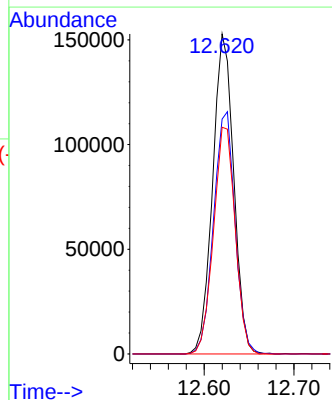
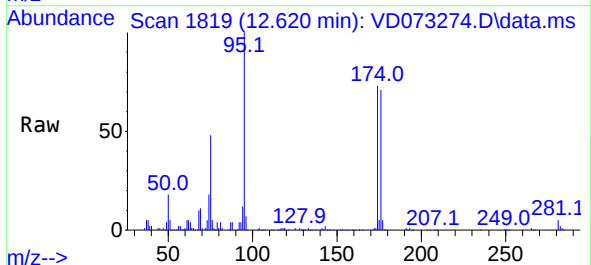
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

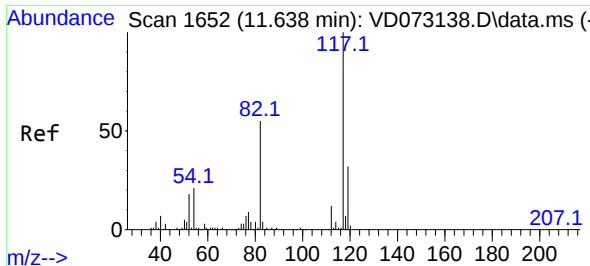
Tgt Ion: 98 Resp: 680081
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.413 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion: 95 Resp: 248359
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.0 0.0 145.4

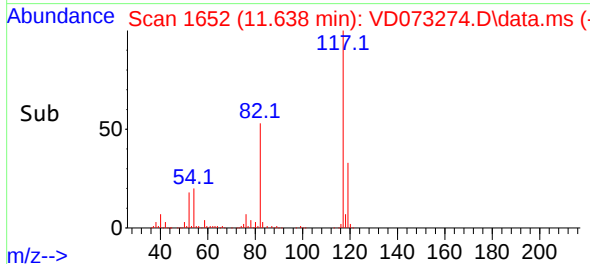
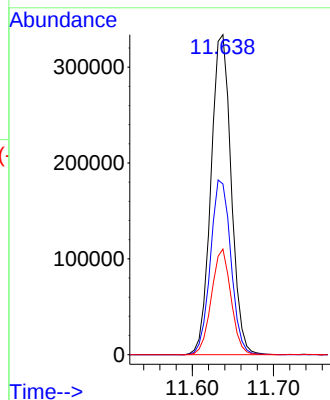
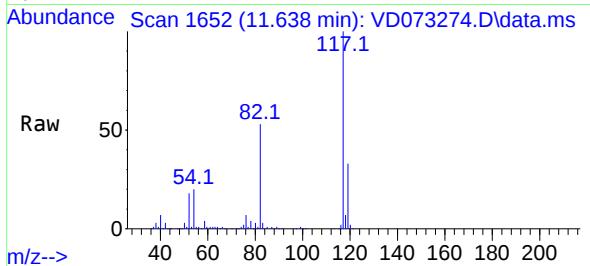




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

Tgt Ion:117 Resp: 578060
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 33.0 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: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion:152 Resp: 265477
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 156.0 0.0 348.6

