

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072313.D
 Acq On : 19 Mar 2022 03:10
 Operator : VA/SY
 Sample : N1993-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-03162022

Quant Time: Mar 19 05:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	249601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	407555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	481477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145941	52.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.940%
35) Dibromofluoromethane	7.909	113	136292	47.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.332	98	522371	49.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.620	95	252242	61.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.800%

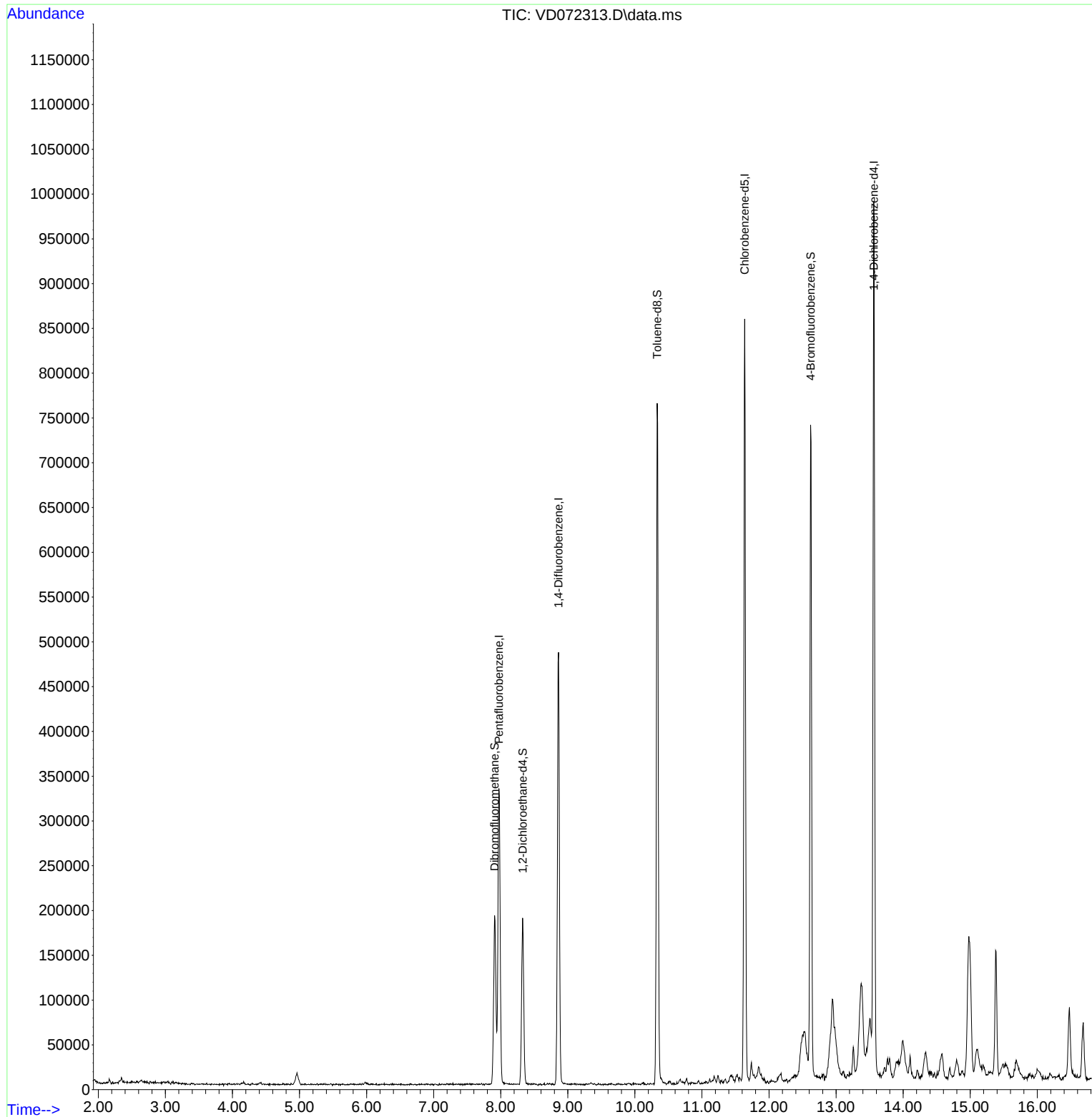
Target Compounds	Qvalue

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

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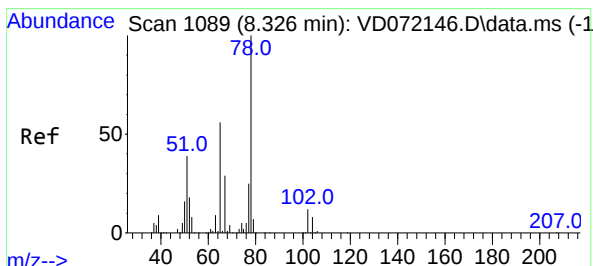
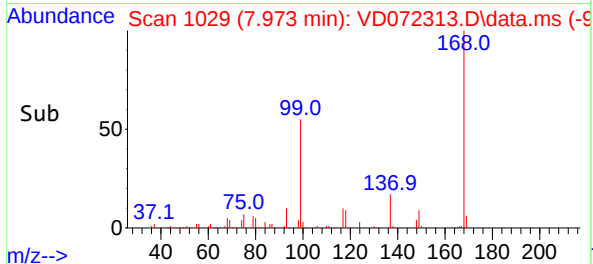
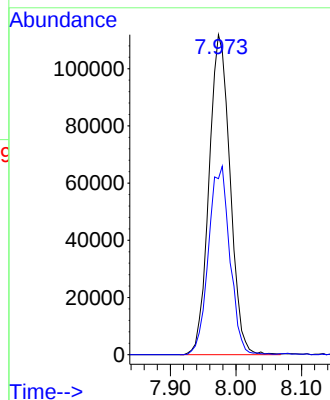
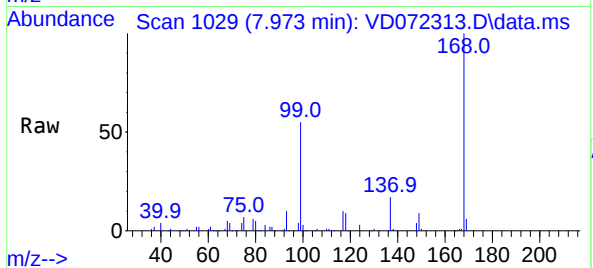




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

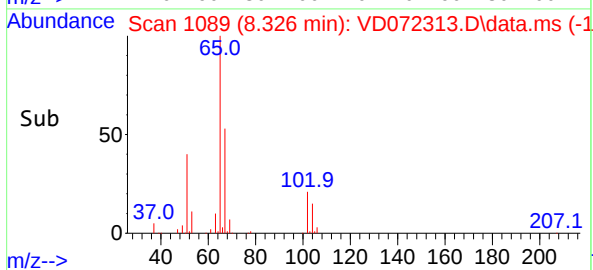
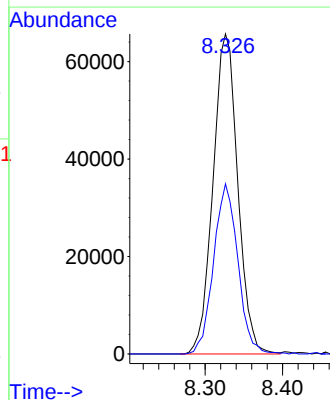
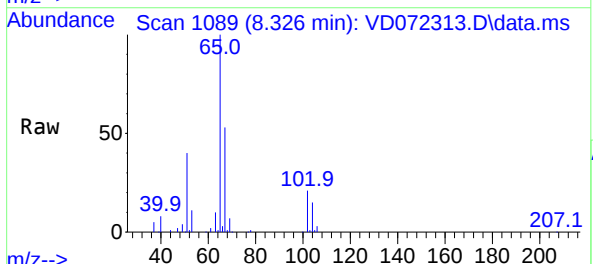
Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

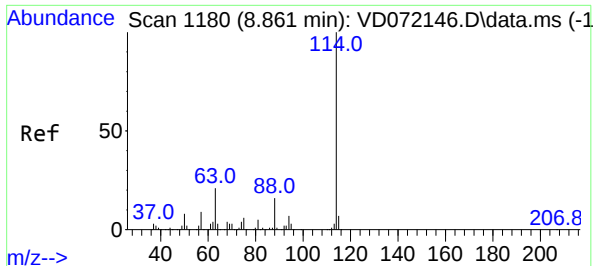
Tgt Ion:168 Resp: 249601
Ion Ratio Lower Upper
168 100
99 55.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.465 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion: 65 Resp: 145941
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



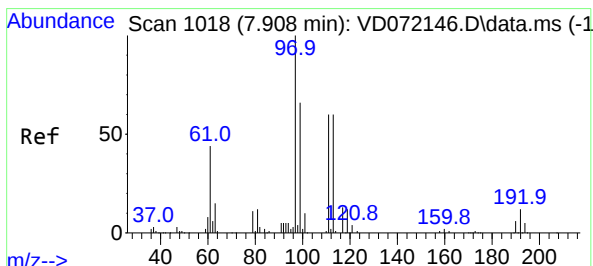
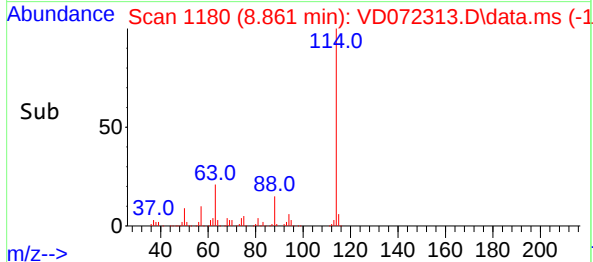
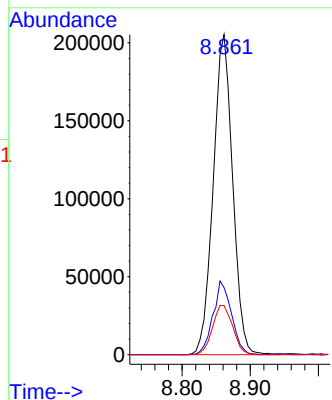
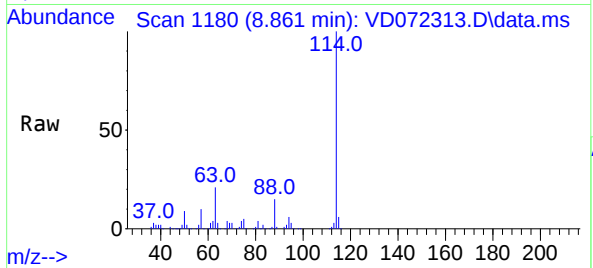


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

Tgt Ion:114 Resp: 407555

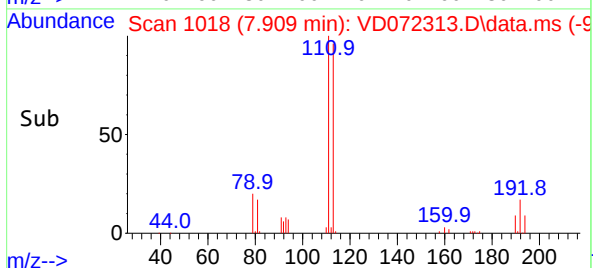
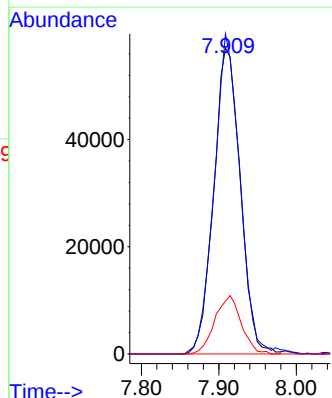
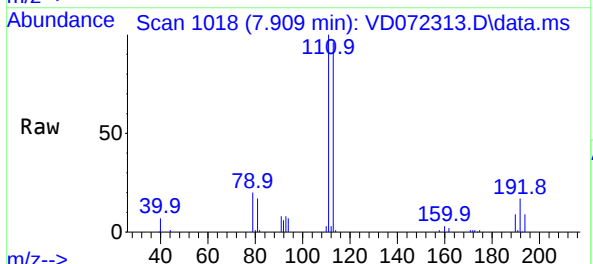
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	46.6
88	15.3	0.0	33.2



#35
Dibromofluoromethane
Concen: 47.522 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion:113 Resp: 136292

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.8	125.6
192	18.8	14.6	21.8

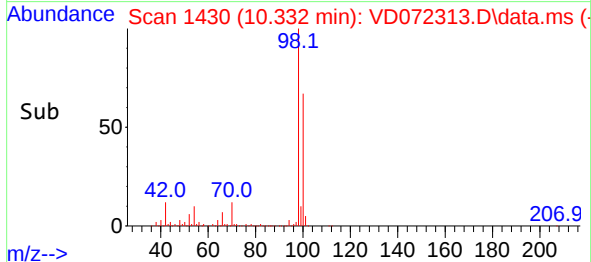
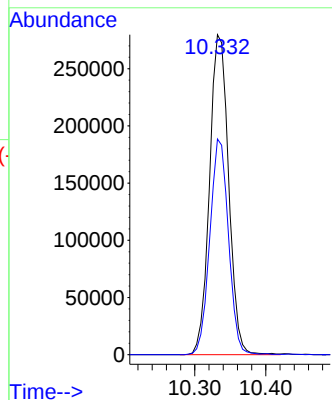
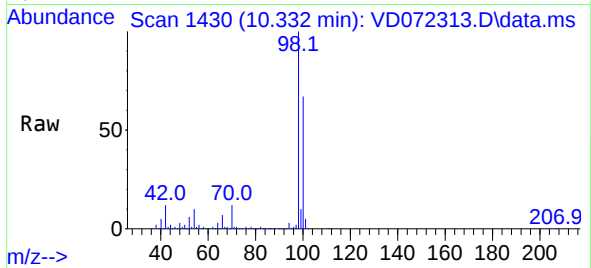




#50
Toluene-d8
Concen: 49.812 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

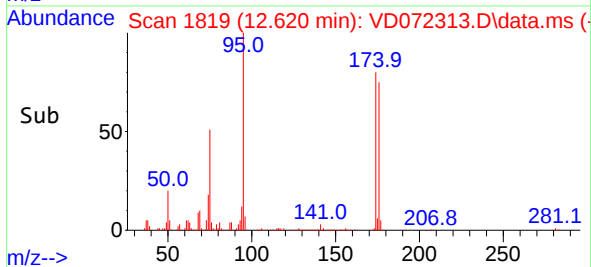
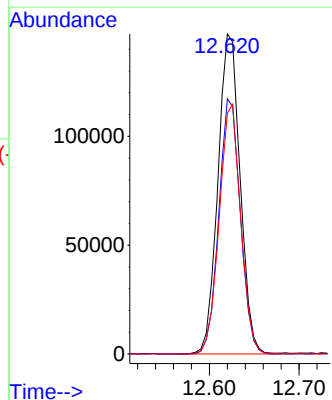
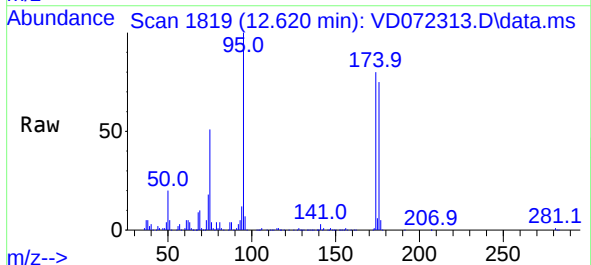
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MSVOA_D
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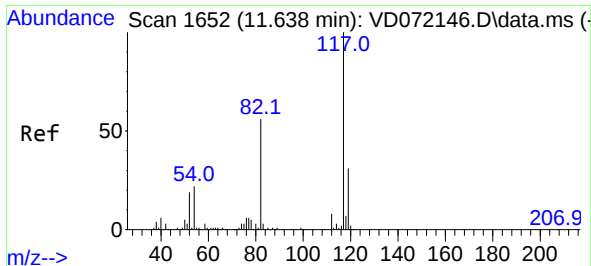
Tgt Ion: 98 Resp: 522371
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.904 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion: 95 Resp: 252242
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 75.4 0.0 145.4

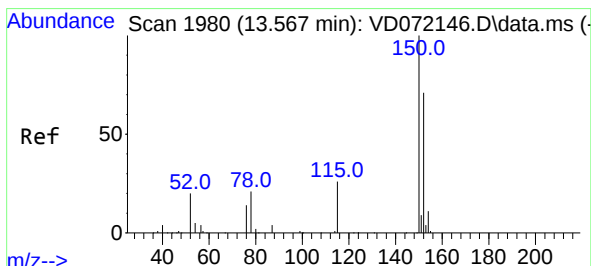
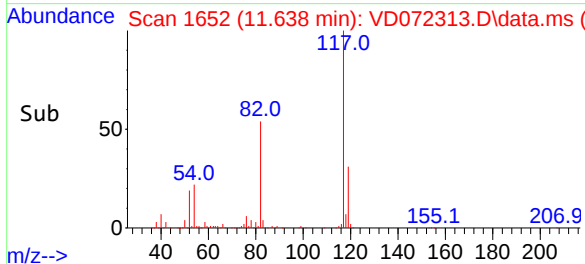
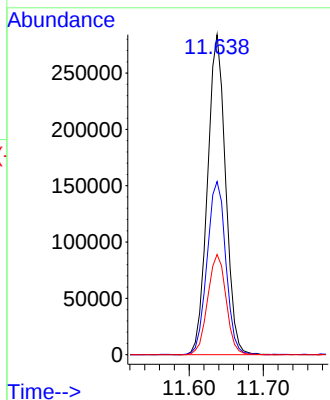
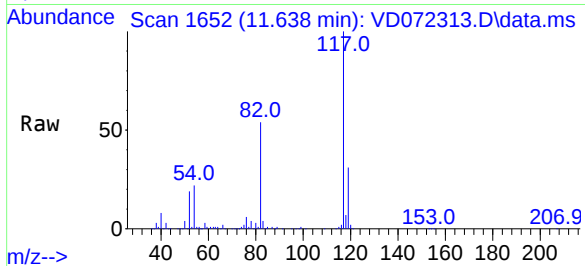




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

Tgt Ion:117 Resp: 481477
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion:152 Resp: 259942
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 154.8 0.0 348.6

