

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073445.D
 Acq On : 01 Jun 2022 13:52
 Operator : VA/SY
 Sample : N3107-03
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-6

Quant Time: Jun 02 04:08:31 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	99129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	178527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	213721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	101440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	81185	74.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.220%
35) Dibromofluoromethane	7.908	113	73833	62.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.340%
50) Toluene-d8	10.332	98	223008	51.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.700%
62) 4-Bromofluorobenzene	12.620	95	93616	61.429	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.860%

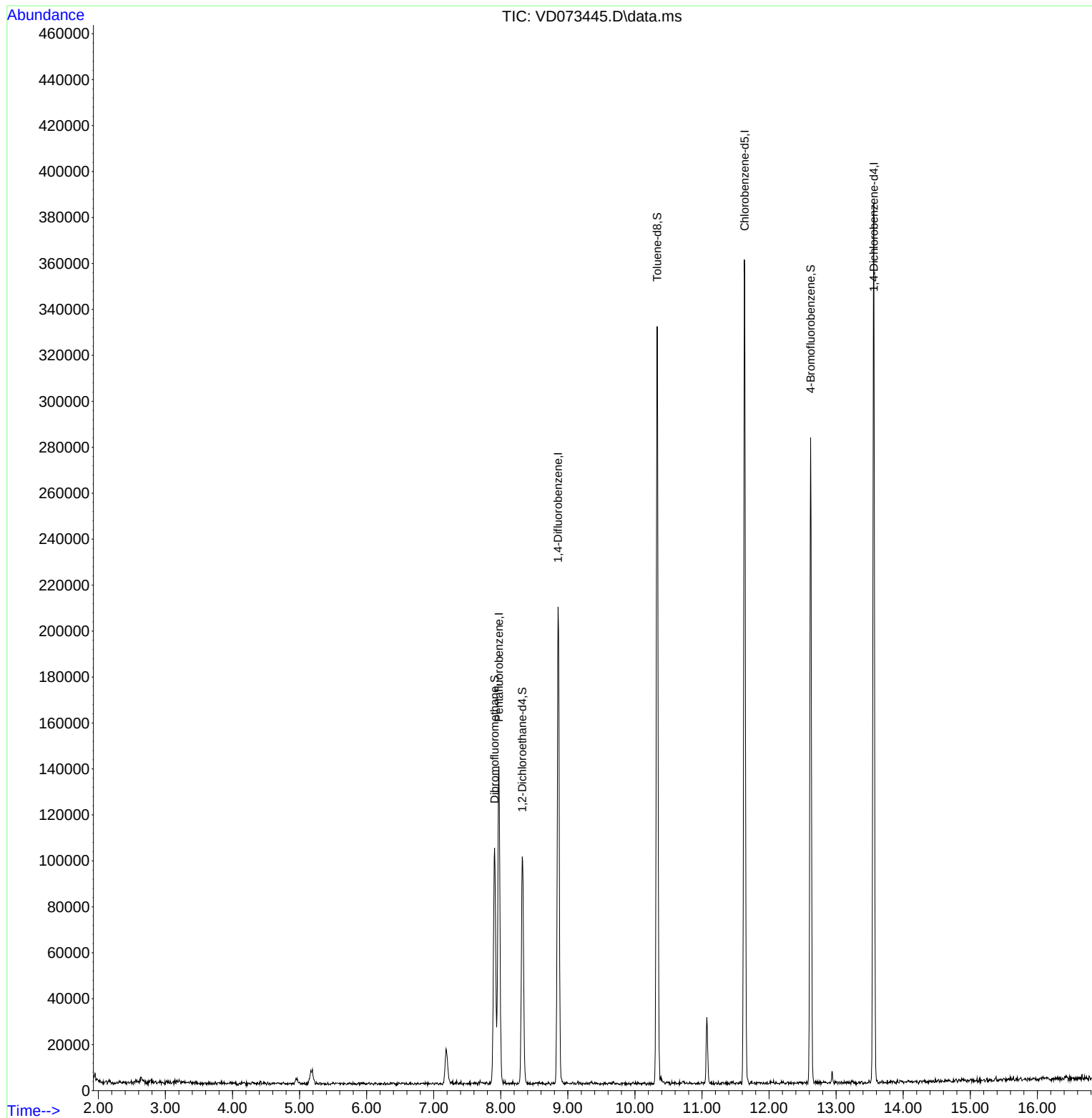
Target Compounds	Qvalue

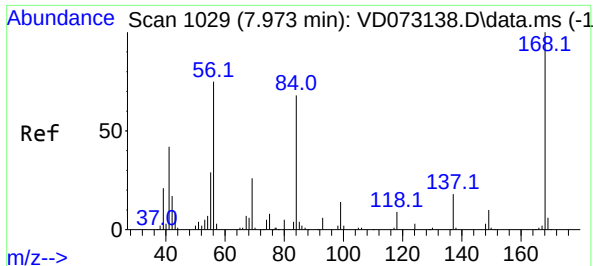
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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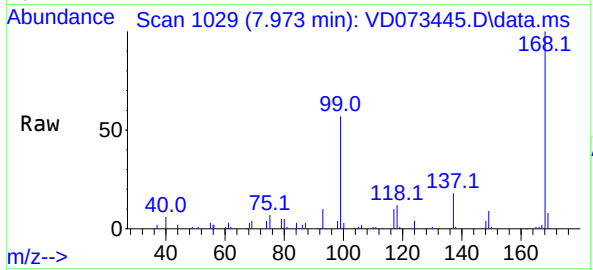
Quant Time: Jun 02 04:08:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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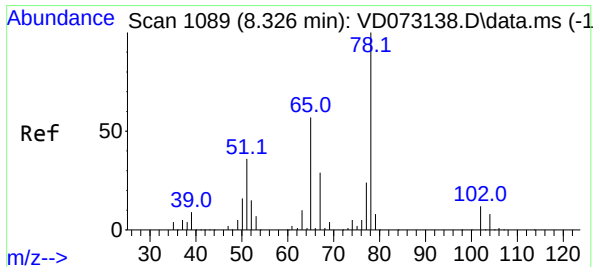
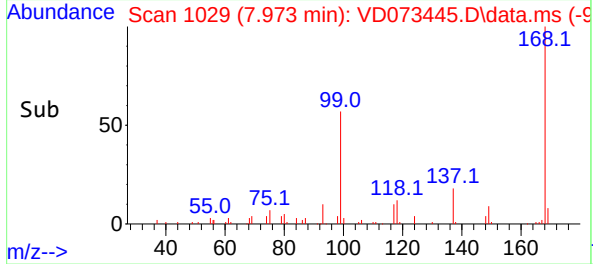
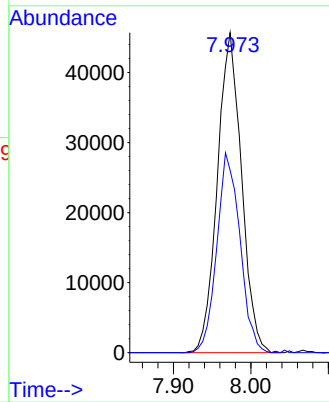


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073445.D
Acq: 01 Jun 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :
MS-6

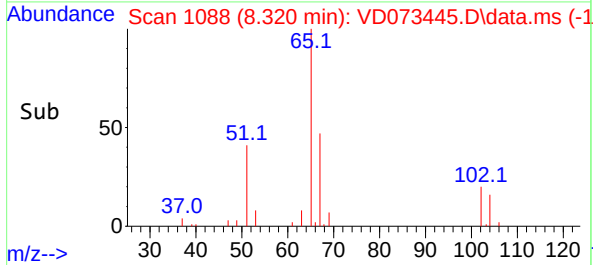
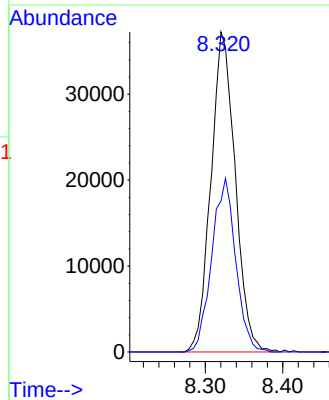
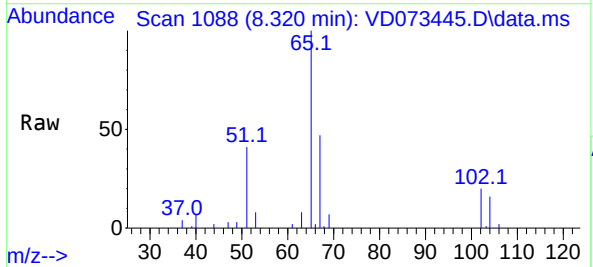


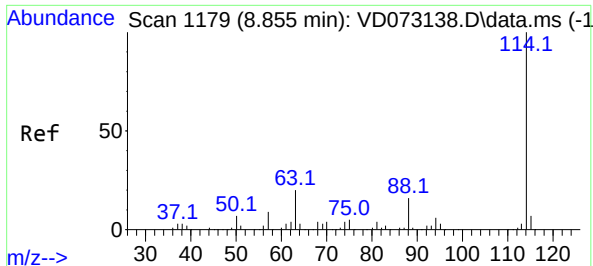
Tgt Ion:168 Resp: 99129
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 74.107 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073445.D
Acq: 01 Jun 2022 13:52

Tgt Ion: 65 Resp: 81185
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4

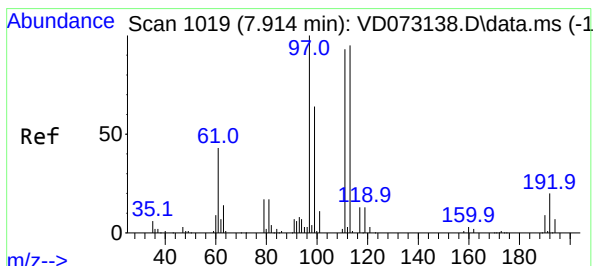
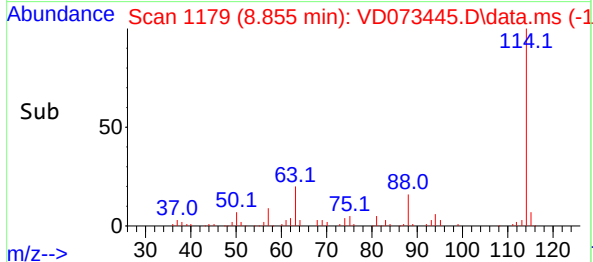
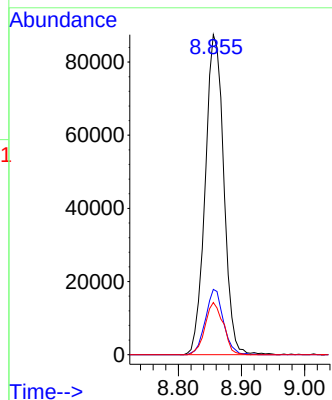
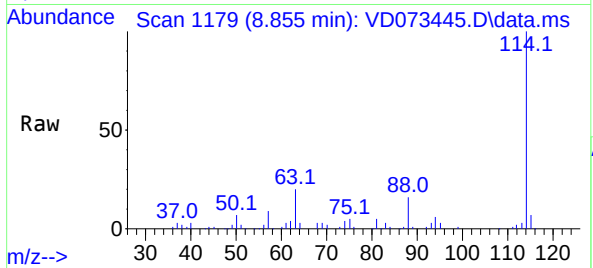




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073445.D
Acq: 01 Jun 2022 13:52

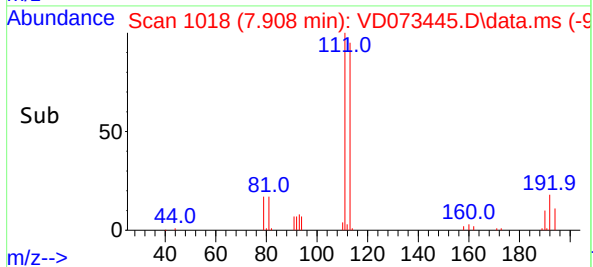
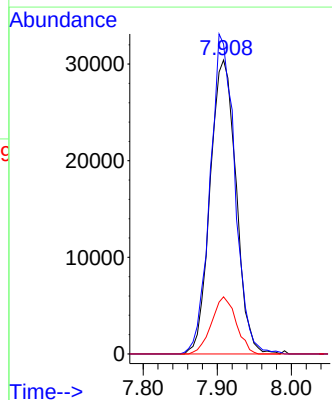
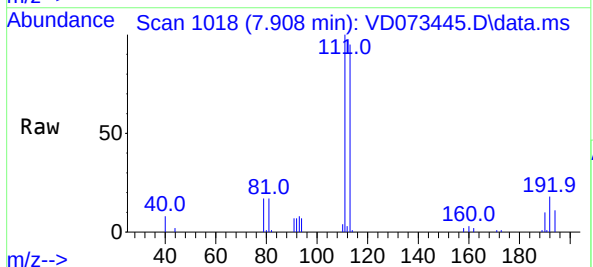
Instrument :
MSVOA_D
ClientSampleId :
MS-6

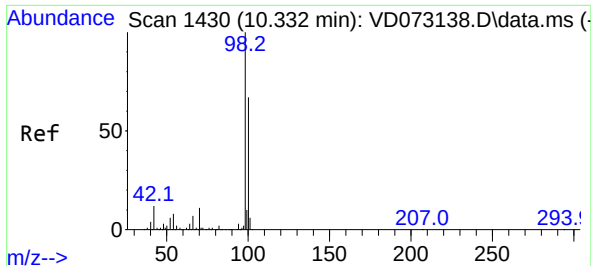
Tgt Ion:114 Resp: 178527
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 62.674 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073445.D
Acq: 01 Jun 2022 13:52

Tgt Ion:113 Resp: 73833
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.5 14.6 21.8

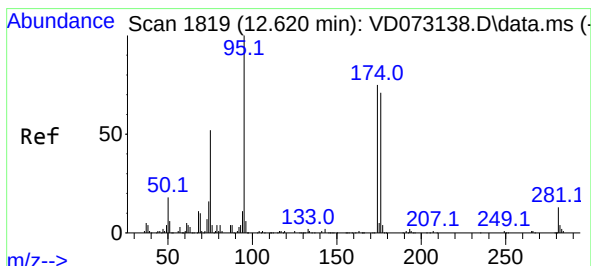
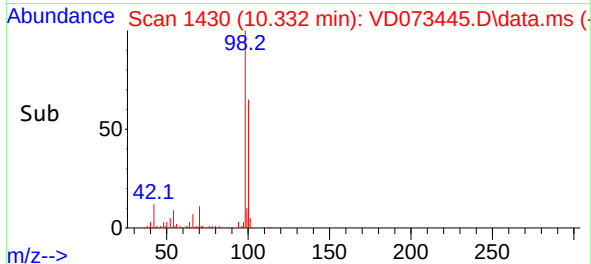
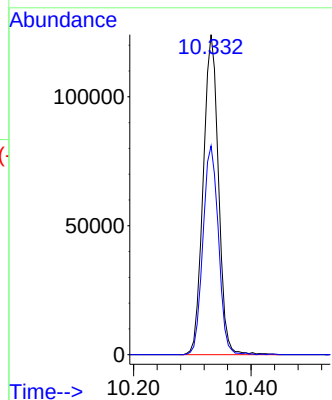
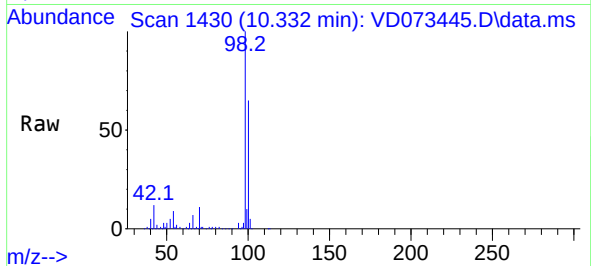




#50
Toluene-d8
Concen: 51.354 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073445.D
Acq: 01 Jun 2022 13:52

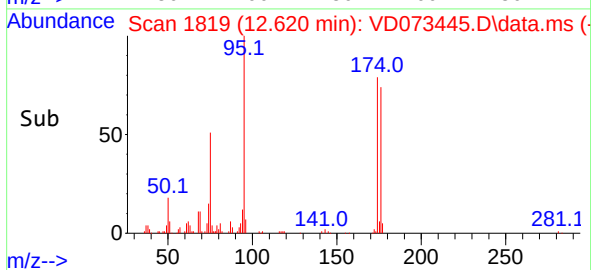
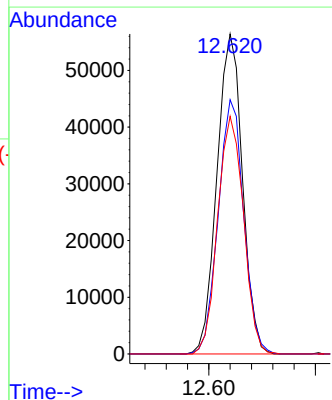
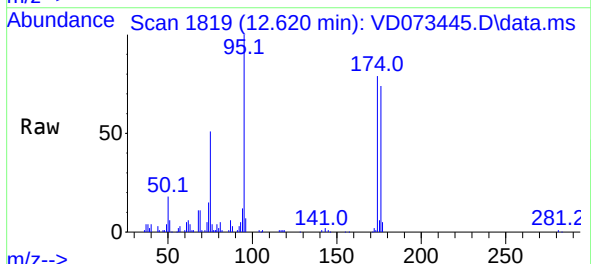
Instrument :
MSVOA_D
ClientSampleId :
MS-6

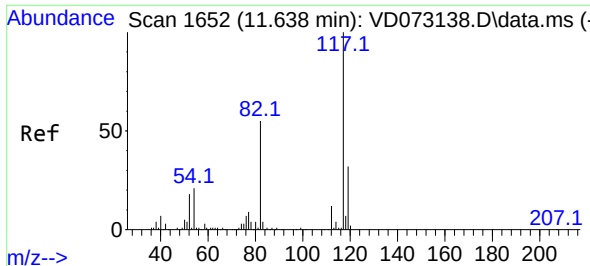
Tgt Ion: 98 Resp: 223008
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.429 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073445.D
Acq: 01 Jun 2022 13:52

Tgt Ion: 95 Resp: 93616
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 75.3 0.0 145.4

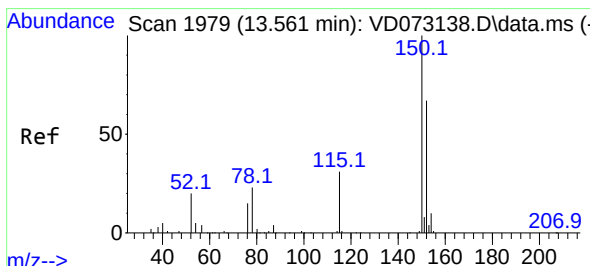
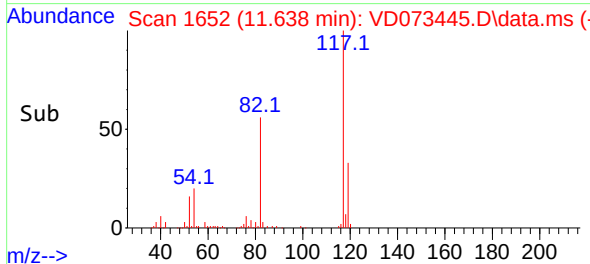
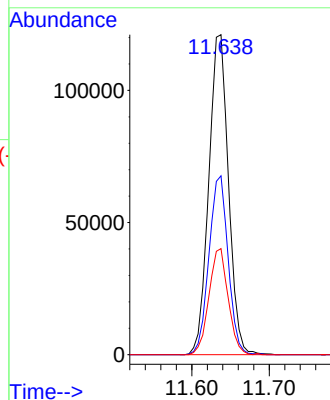
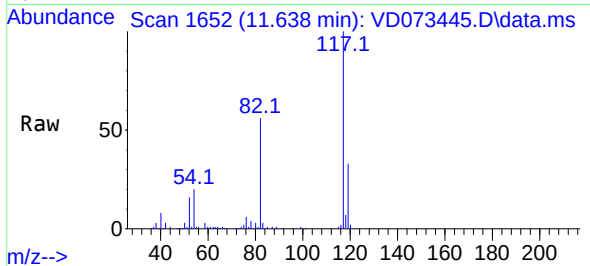




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073445.D
Acq: 01 Jun 2022 13:52

Instrument : MSVOA_D
ClientSampleId : MS-6

Tgt Ion:117	Resp: 213721
Ion Ratio	Lower Upper
117 100	
82 55.9	45.3 67.9
119 33.1	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: VD073445.D
Acq: 01 Jun 2022 13:52

Tgt Ion:152	Resp: 101440		
Ion Ratio	Lower	Upper	
152 100			
115 59.0	31.3	93.8	
150 162.2	0.0	348.6	

