

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073834.D
 Acq On : 12 Jul 2022 12:59
 Operator : VA/SY
 Sample : N3641-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-070822

Quant Time: Jul 13 04:30:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

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

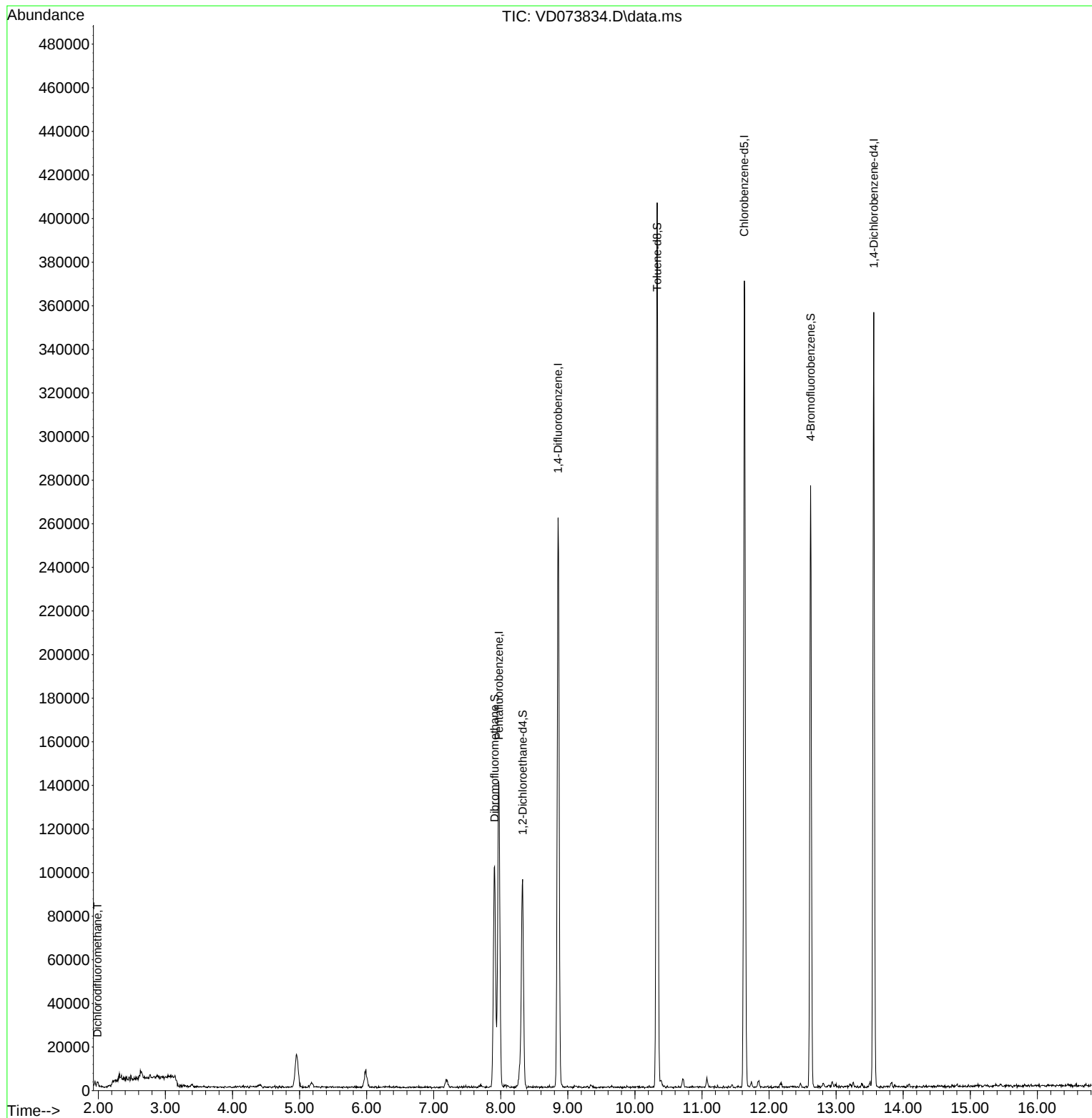
Internal Standards						
1) Pentafluorobenzene	7.973	168	90017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	207987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	194894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	78186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74468	61.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.520%	
35) Dibromofluoromethane	7.908	113	70693	51.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.760%	
50) Toluene-d8	10.332	98	264764	55.185	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 110.360%	
62) 4-Bromofluorobenzene	12.620	95	88373	43.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 86.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	1873	3.669	ug/l	79

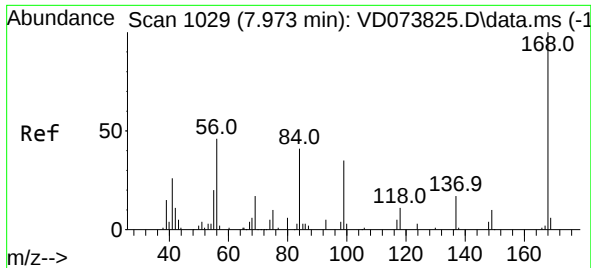
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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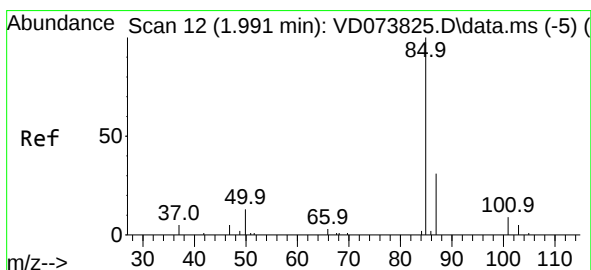
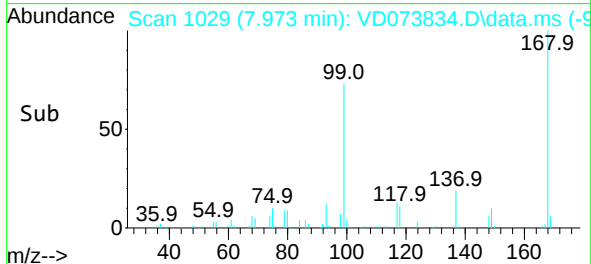
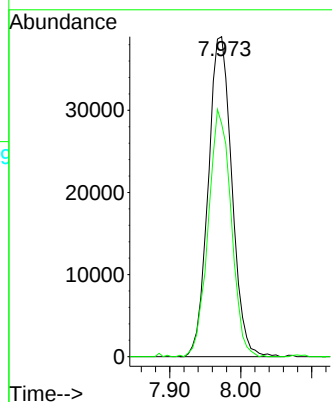
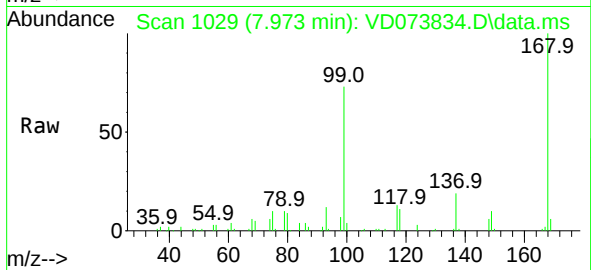




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073834.D
Acq: 12 Jul 2022 12:59

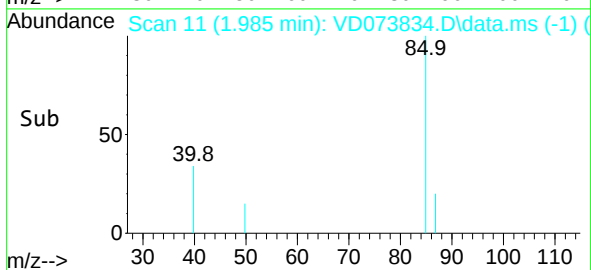
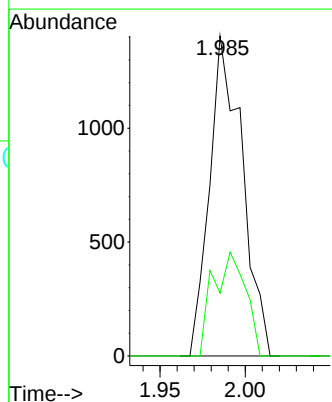
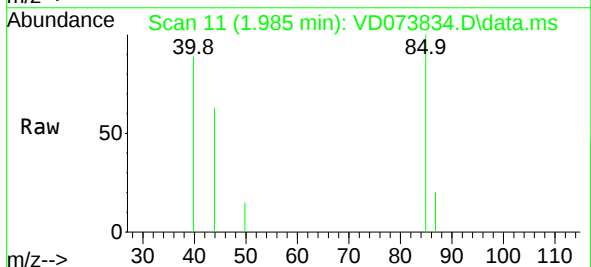
Instrument :
MSVOA_D
ClientSampleId :
CL-01-070822

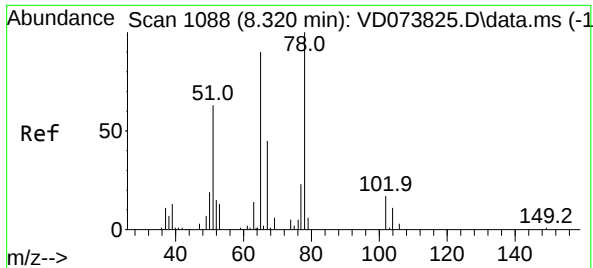
Tgt Ion:168 Resp: 90017
Ion Ratio Lower Upper
168 100
99 72.8 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 3.669 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073834.D
Acq: 12 Jul 2022 12:59

Tgt Ion: 85 Resp: 1873
Ion Ratio Lower Upper
85 100
87 19.6 15.6 46.7





#33

1,2-Dichloroethane-d4

Concen: 61.762 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073834.D

Acq: 12 Jul 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

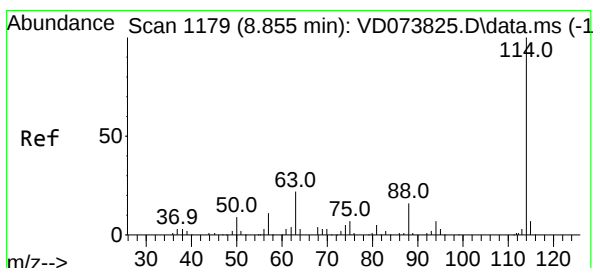
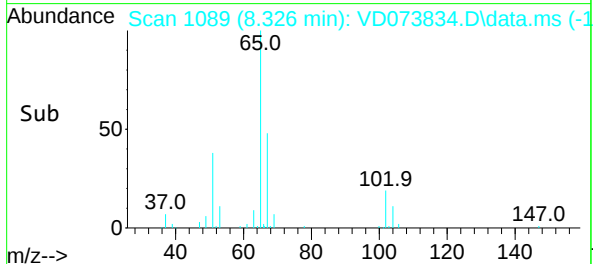
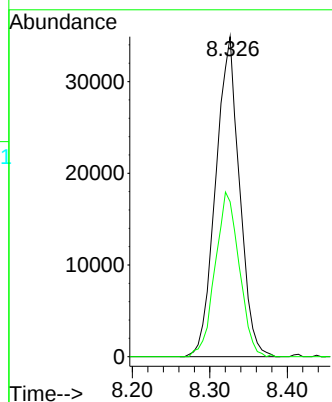
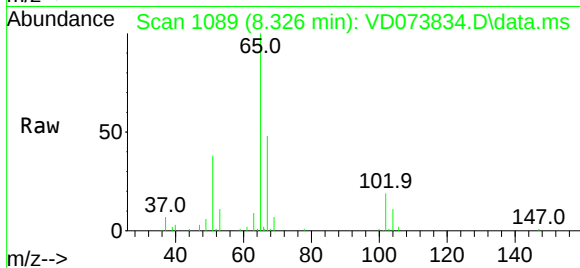
CL-01-070822

Tgt Ion: 65 Resp: 74468

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073834.D

Acq: 12 Jul 2022 12:59

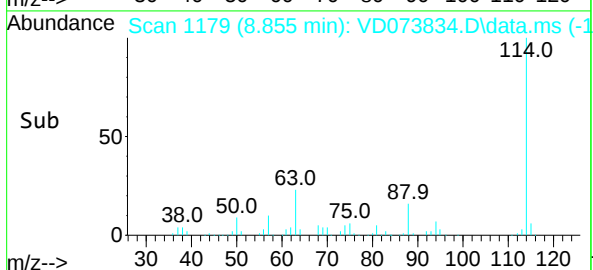
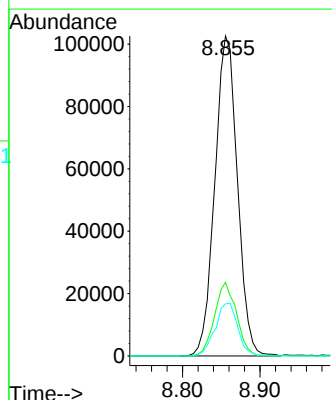
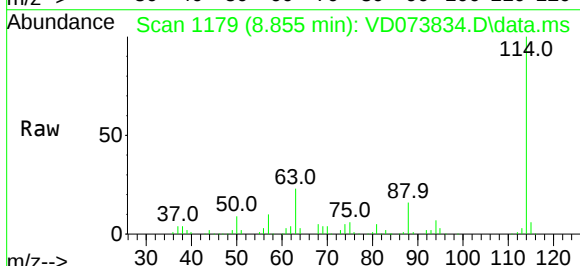
Tgt Ion: 114 Resp: 207987

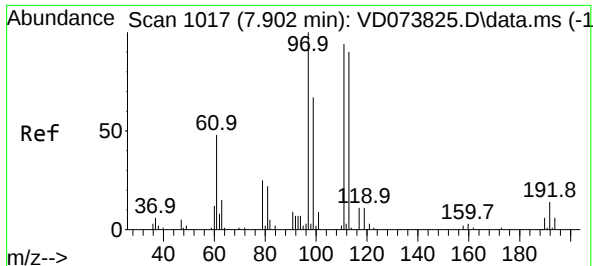
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.0

88 16.2 0.0 33.0

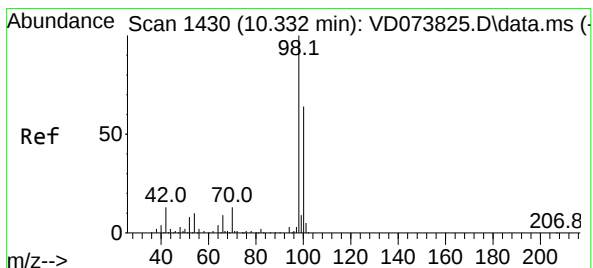
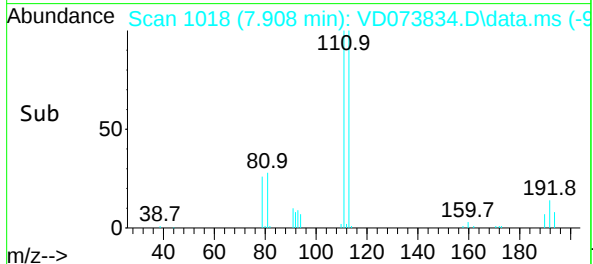
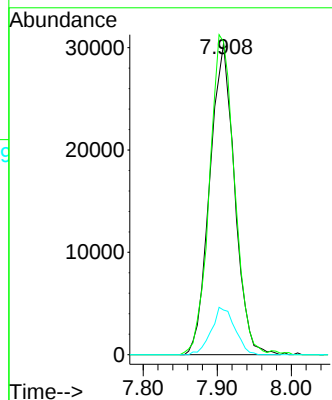
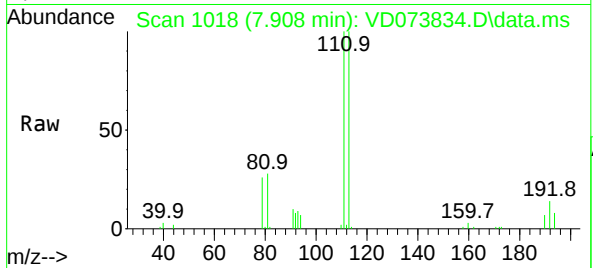




#35
Dibromofluoromethane
Concen: 51.379 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073834.D
Acq: 12 Jul 2022 12:59

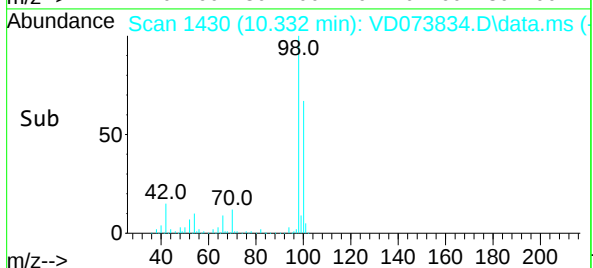
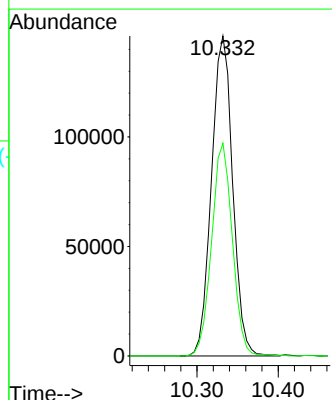
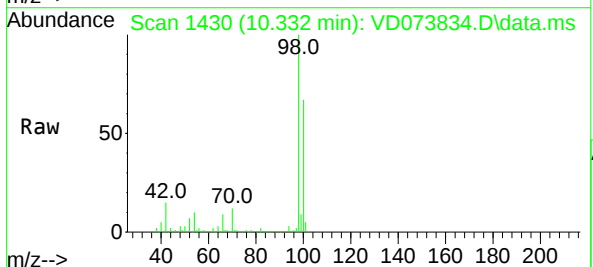
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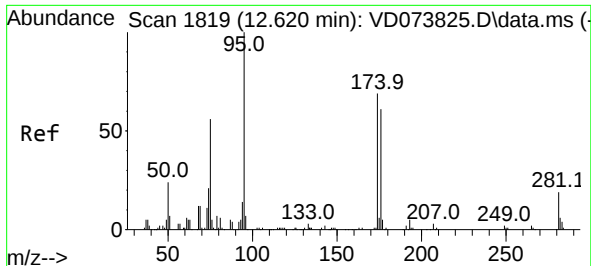
Tgt Ion:113 Resp: 70693
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 14.4 12.3 18.5



#50
Toluene-d8
Concen: 55.185 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073834.D
Acq: 12 Jul 2022 12:59

Tgt Ion: 98 Resp: 264764
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3

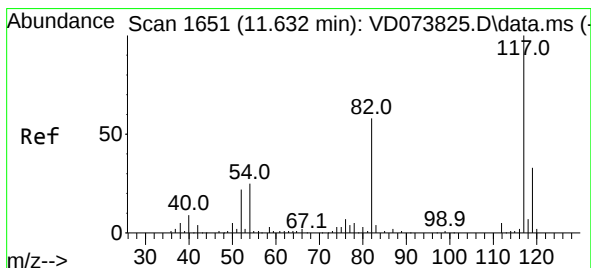
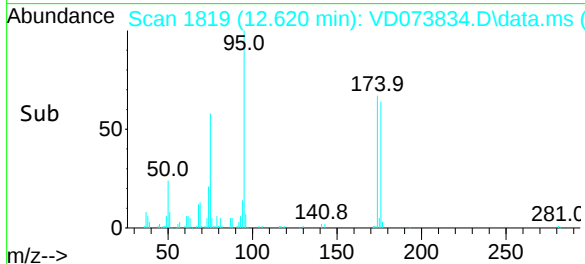
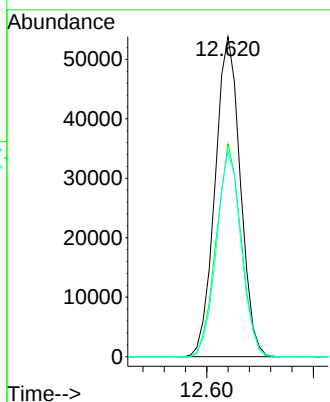
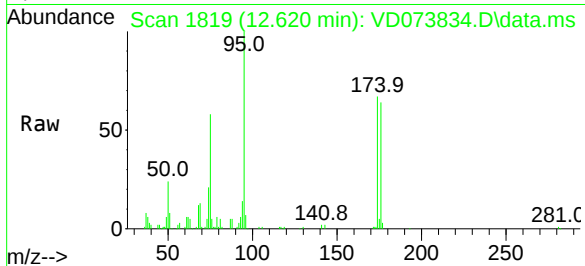




#62
4-Bromofluorobenzene
Concen: 43.472 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073834.D
Acq: 12 Jul 2022 12:59

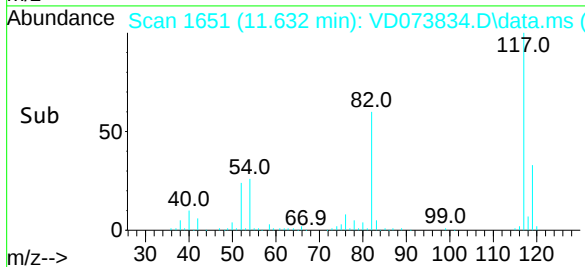
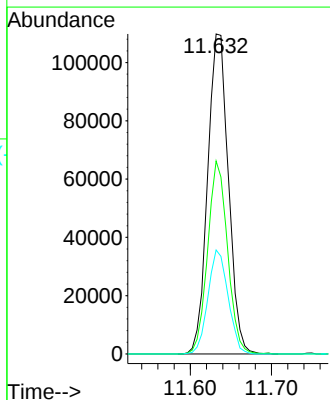
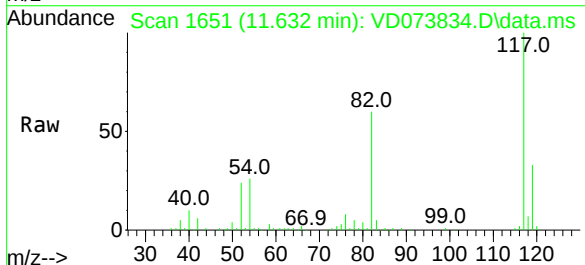
Instrument :
MSVOA_D
ClientSampleId :
CL-01-070822

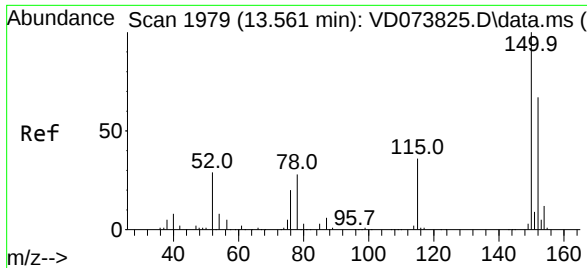
Tgt Ion: 95 Resp: 88373
Ion Ratio Lower Upper
95 100
174 65.6 0.0 131.8
176 62.9 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073834.D
Acq: 12 Jul 2022 12:59

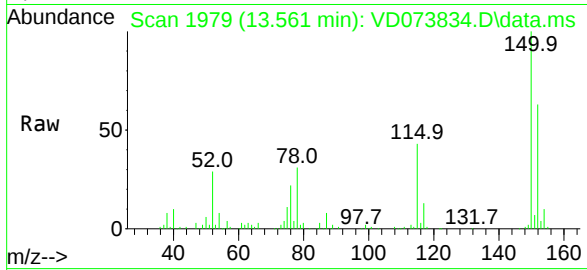
Tgt Ion: 117 Resp: 194894
Ion Ratio Lower Upper
117 100
82 60.3 46.6 69.8
119 32.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073834.D
 Acq: 12 Jul 2022 12:59

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-070822



Tgt Ion:152 Resp: 78186
 Ion Ratio Lower Upper
 152 100
 115 67.3 33.5 100.5
 150 158.3 0.0 343.2

