

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073835.D
 Acq On : 12 Jul 2022 13:29
 Operator : VA/SY
 Sample : N3645-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-070822

Quant Time: Jul 13 04:30:43 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)

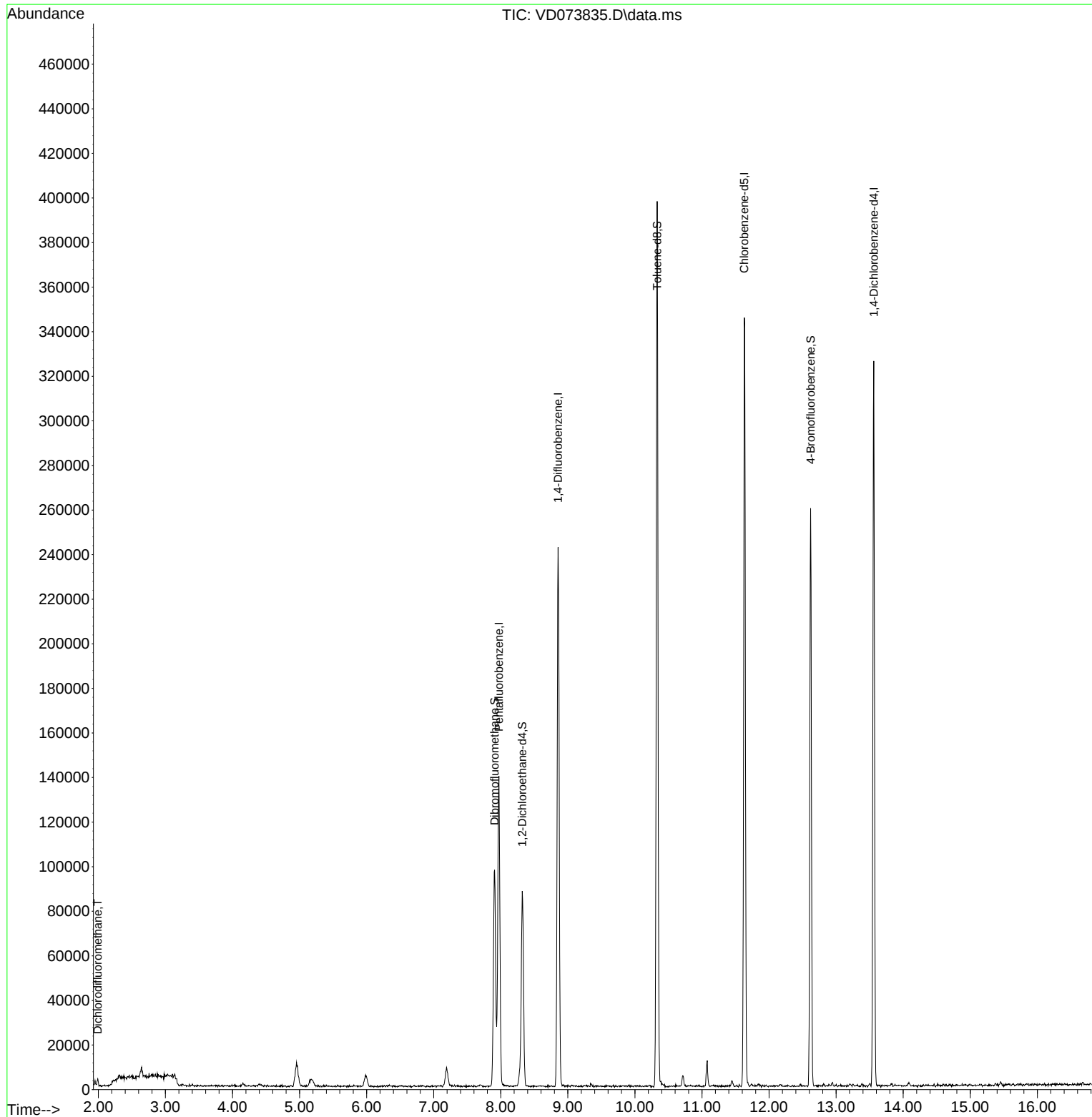
Internal Standards						
1) Pentafluorobenzene	7.973	168	85679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	200978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	183681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	74892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72544	63.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.420%	
35) Dibromofluoromethane	7.908	113	67699	50.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.840%	
50) Toluene-d8	10.332	98	253350	54.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 109.300%	
62) 4-Bromofluorobenzene	12.620	95	84801	43.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 86.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1980	4.075	ug/l	98

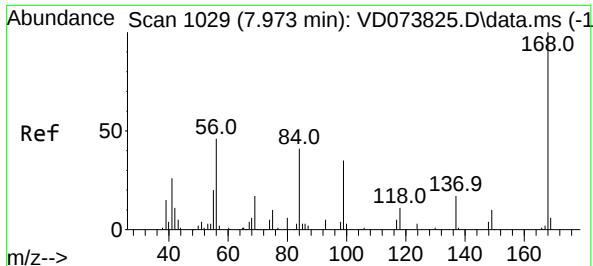
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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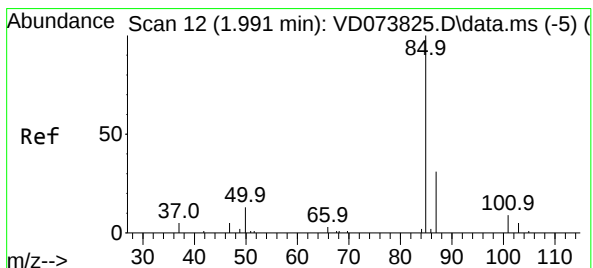
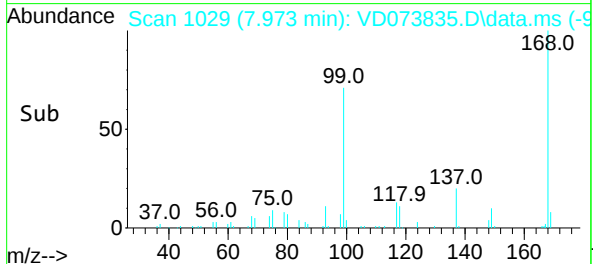
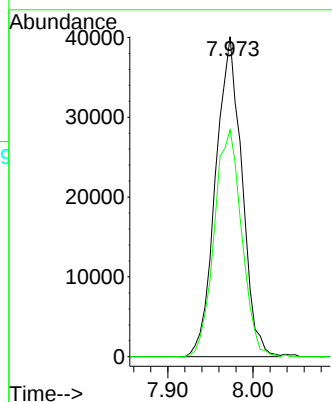
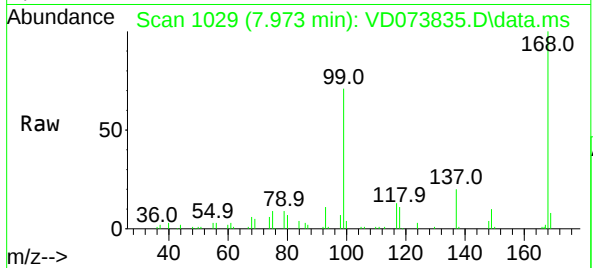




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073835.D
Acq: 12 Jul 2022 13:29

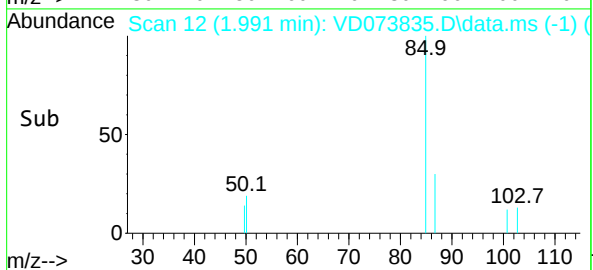
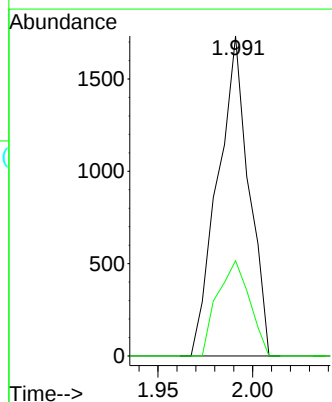
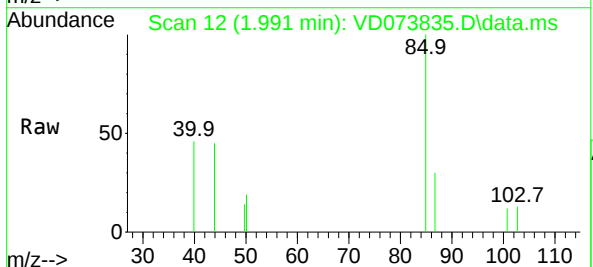
Instrument :
MSVOA_D
ClientSampleId :
NB-08-070822

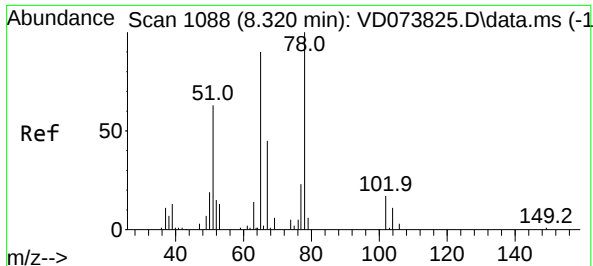
Tgt Ion:168 Resp: 85679
Ion Ratio Lower Upper
168 100
99 71.0 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 4.075 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073835.D
Acq: 12 Jul 2022 13:29

Tgt Ion: 85 Resp: 1980
Ion Ratio Lower Upper
85 100
87 29.8 15.6 46.7





#33

1,2-Dichloroethane-d4

Concen: 63.213 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073835.D

Acq: 12 Jul 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

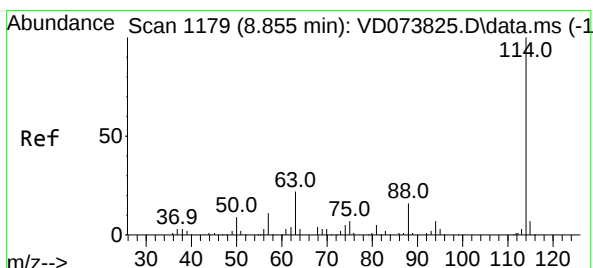
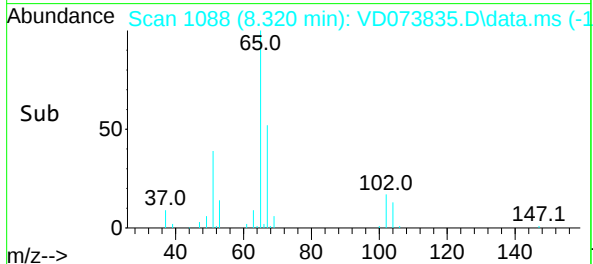
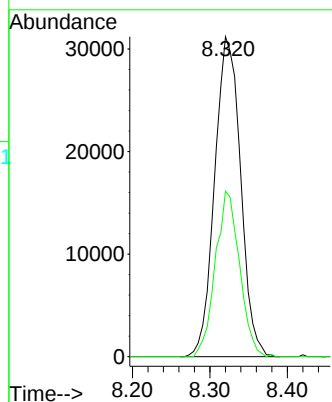
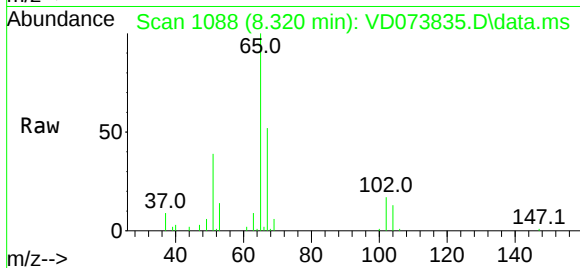
NB-08-070822

Tgt Ion: 65 Resp: 72544

Ion Ratio Lower Upper

65 100

67 48.4 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: VD073835.D

Acq: 12 Jul 2022 13:29

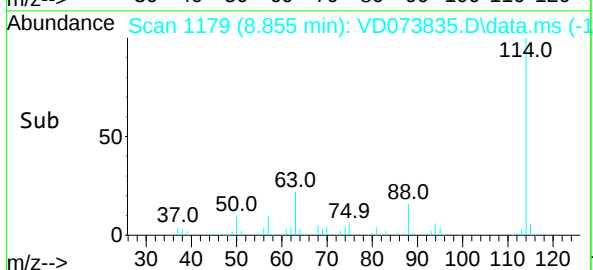
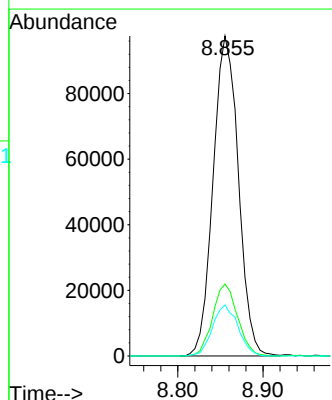
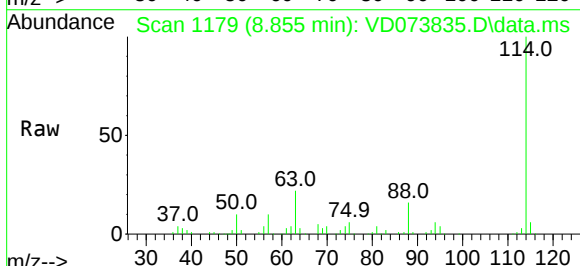
Tgt Ion: 114 Resp: 200978

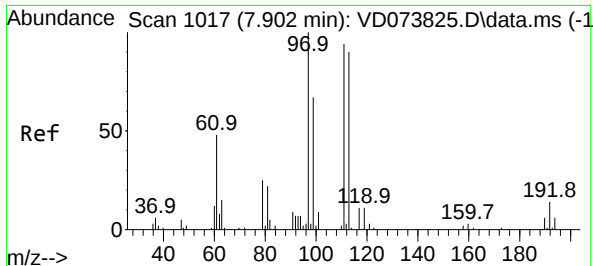
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.0

88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.919 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073835.D

Acq: 12 Jul 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

NB-08-070822

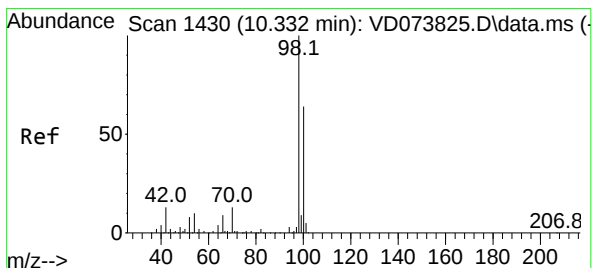
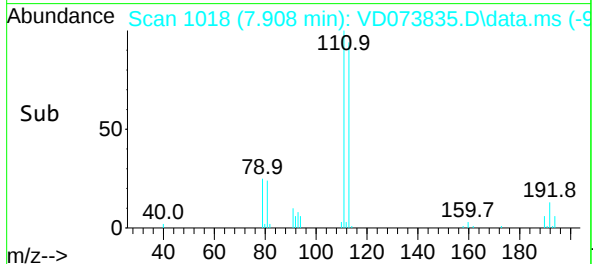
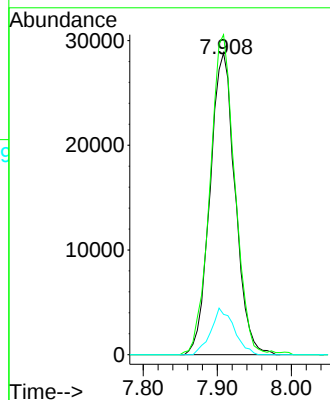
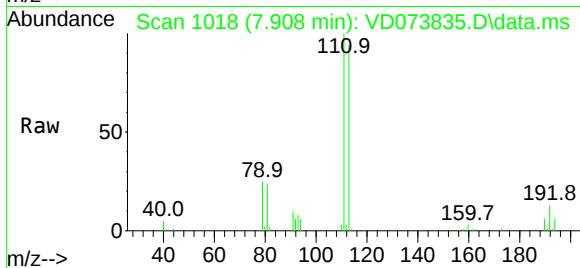
Tgt Ion:113 Resp: 67699

Ion Ratio Lower Upper

113 100

111 105.8 82.2 123.4

192 14.3 12.3 18.5



#50

Toluene-d8

Concen: 54.647 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073835.D

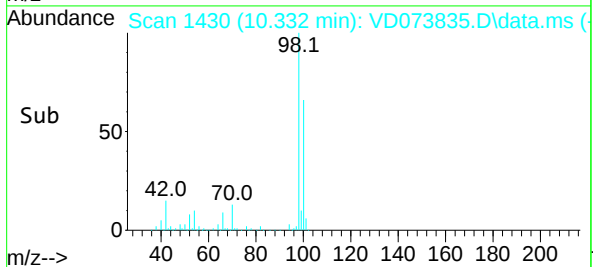
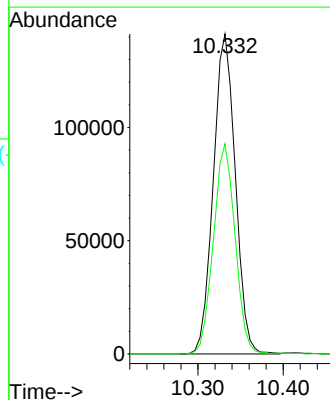
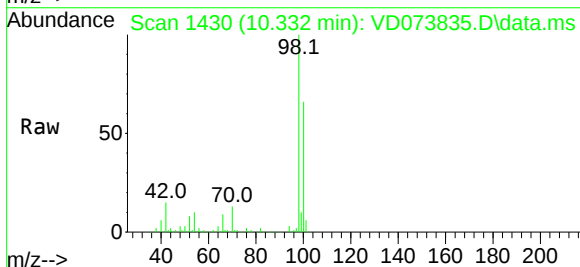
Acq: 12 Jul 2022 13:29

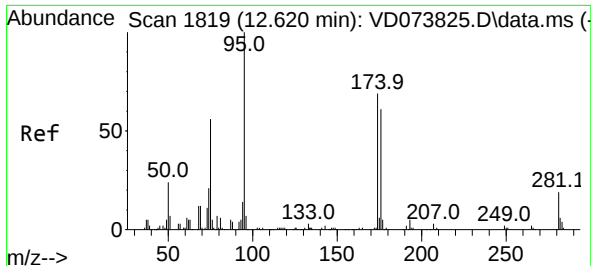
Tgt Ion: 98 Resp: 253350

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3

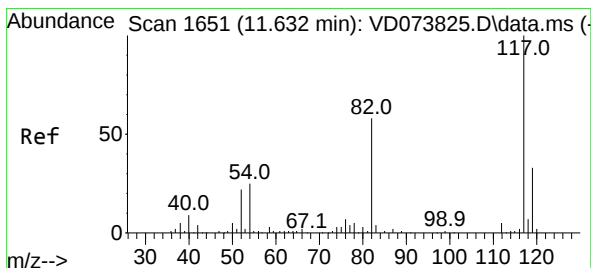
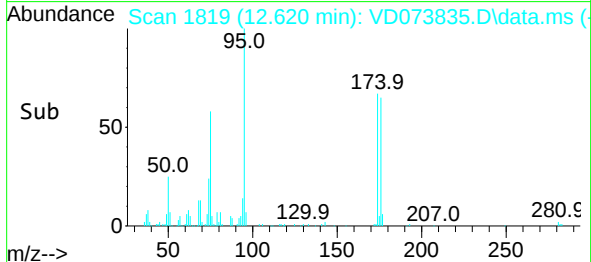
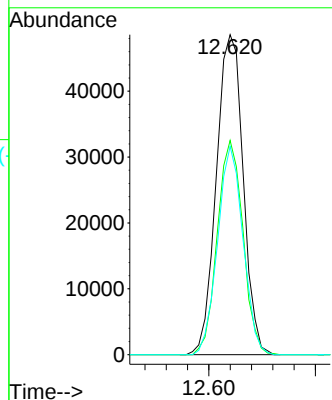
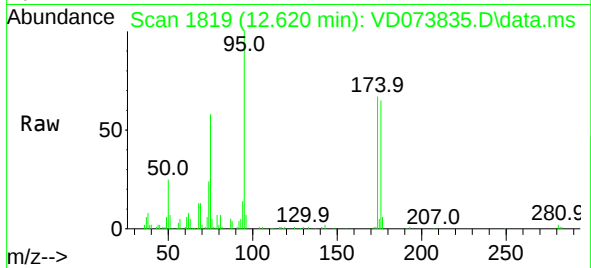




#62
4-Bromofluorobenzene
Concen: 43.169 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073835.D
Acq: 12 Jul 2022 13:29

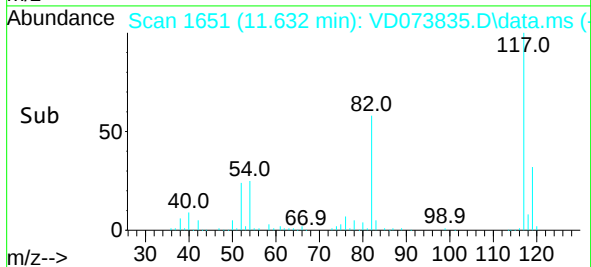
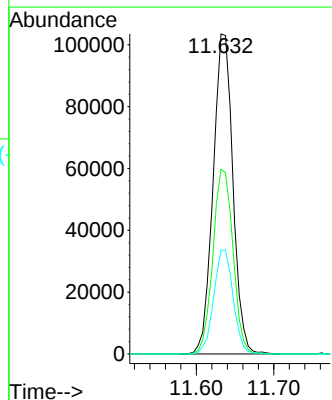
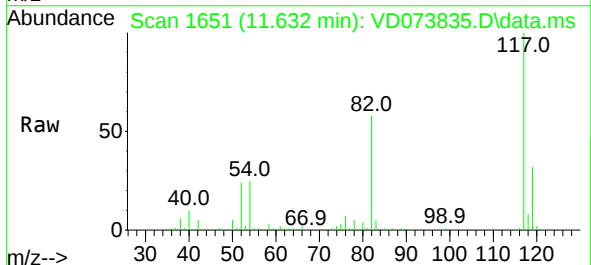
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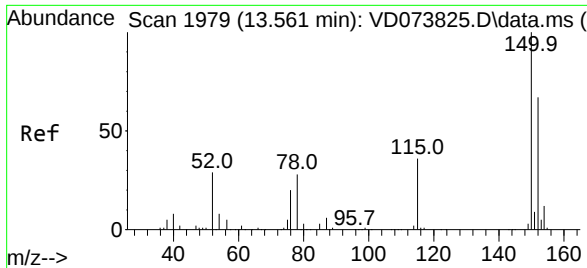
Tgt Ion: 95 Resp: 84801
Ion Ratio Lower Upper
95 100
174 64.0 0.0 131.8
176 61.6 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073835.D
Acq: 12 Jul 2022 13:29

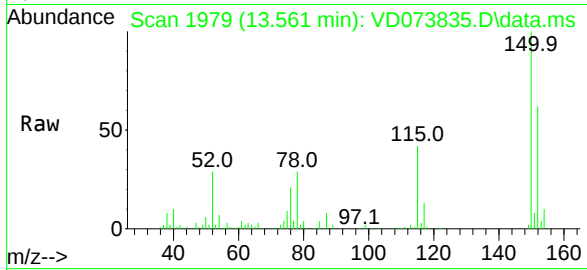
Tgt Ion: 117 Resp: 183681
Ion Ratio Lower Upper
117 100
82 57.7 46.6 69.8
119 32.4 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073835.D
 Acq: 12 Jul 2022 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-070822



Tgt Ion:152 Resp: 74892
 Ion Ratio Lower Upper
 152 100
 115 67.6 33.5 100.5
 150 156.5 0.0 343.2

