

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073871.D
 Acq On : 19 Jul 2022 20:15
 Operator : VA/SY
 Sample : N3756-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 20 01:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

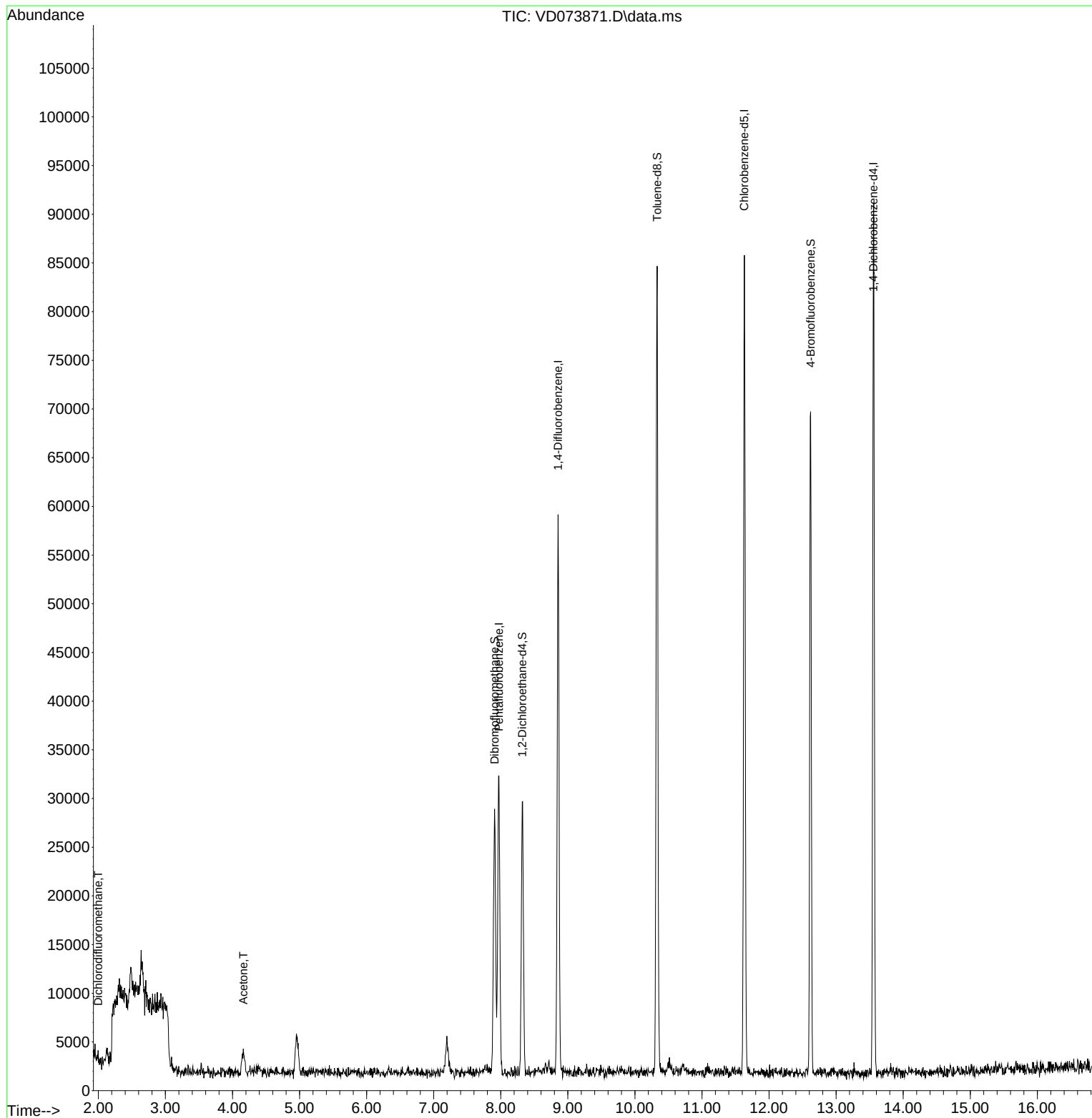
Internal Standards						
1) Pentafluorobenzene	7.973	168	22122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	46217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	46588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	23126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21790	82.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.980%#	
35) Dibromofluoromethane	7.908	113	17942	55.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.060%	
50) Toluene-d8	10.332	98	55596	46.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.940%	
62) 4-Bromofluorobenzene	12.620	95	21499	52.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.660%	
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	646	1.167	ug/l	99
16) Acetone	4.161	43	3976	91.727	ug/l	94

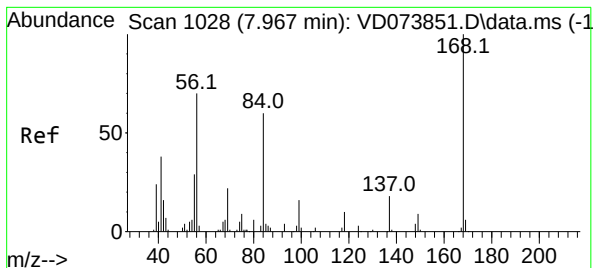
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD073871.D

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MSVOA_D

ClientSampleId :

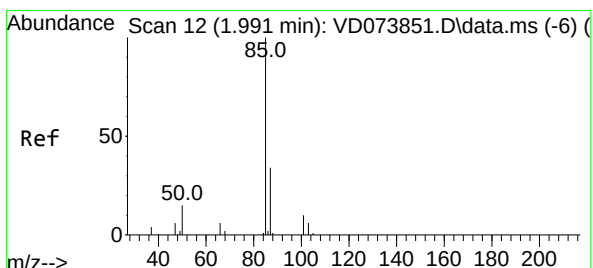
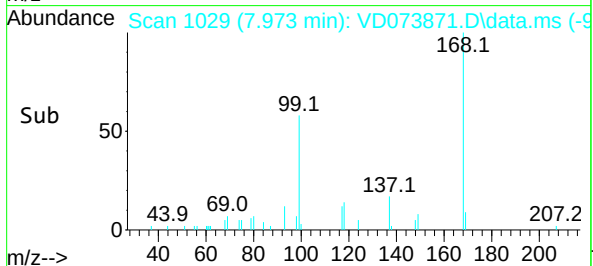
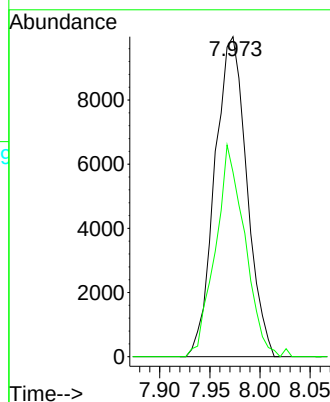
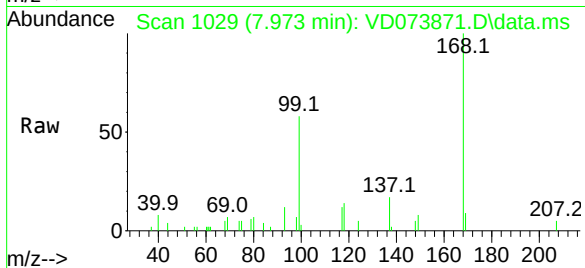
TP-1

Tgt Ion:168 Resp: 22122

Ion Ratio Lower Upper

168 100

99 57.6 49.8 74.6



#2

Dichlorodifluoromethane

Concen: 1.167 ug/l

RT: 1.997 min Scan# 13

Delta R.T. 0.006 min

Lab File: VD073871.D

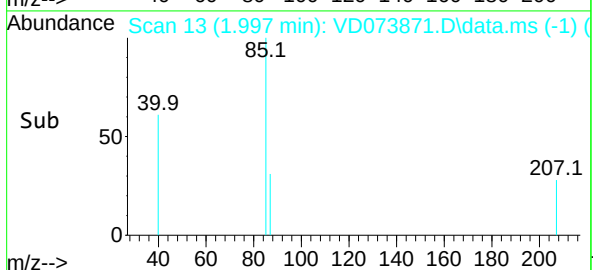
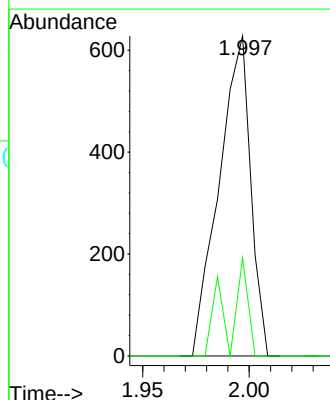
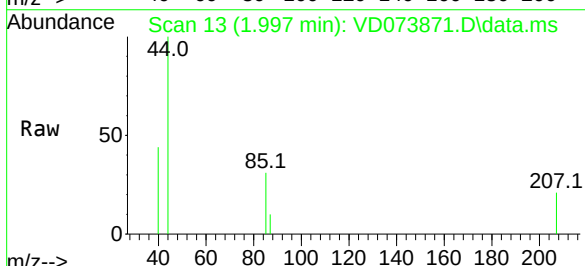
Acq: 19 Jul 2022 20:15

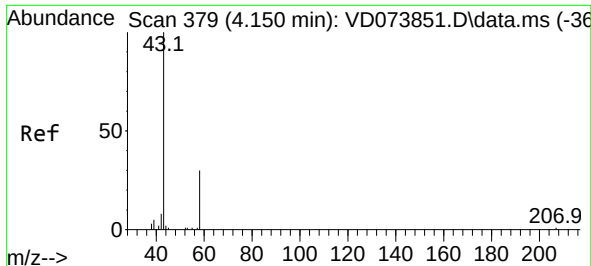
Tgt Ion: 85 Resp: 646

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

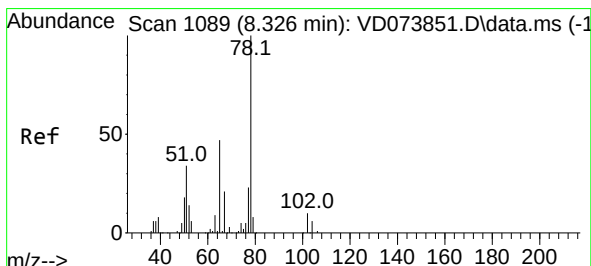
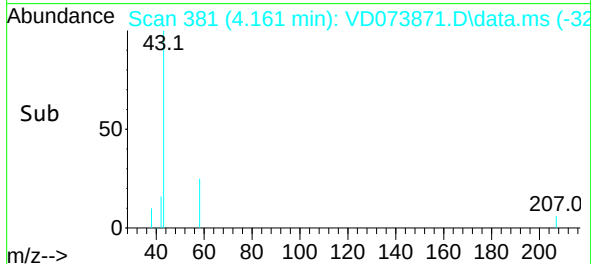
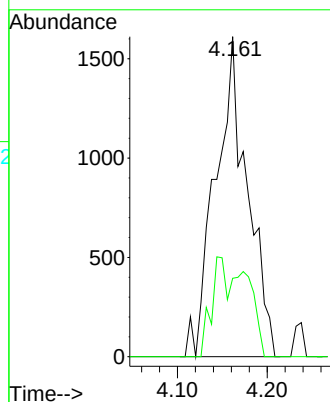
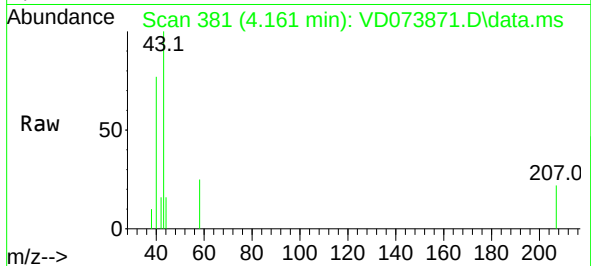




#16
Acetone
Concen: 91.727 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

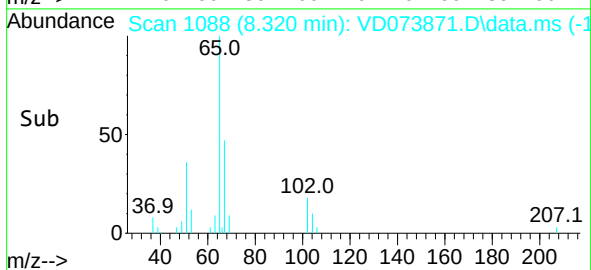
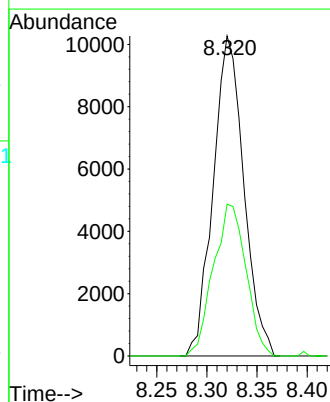
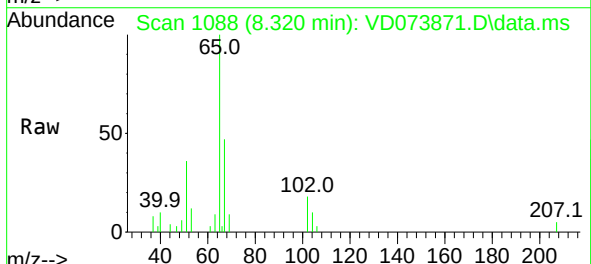
Instrument :
MSVOA_D
ClientSampleId :
TP-1

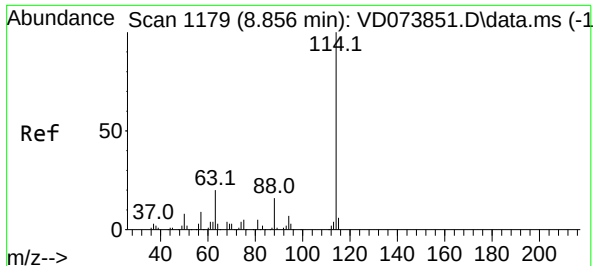
Tgt Ion: 43 Resp: 3976
Ion Ratio Lower Upper
43 100
58 24.5 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 82.487 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion: 65 Resp: 21790
Ion Ratio Lower Upper
65 100
67 50.5 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: VD073871.D

Acq: 19 Jul 2022 20:15

Instrument :

MSVOA_D

ClientSampleId :

TP-1

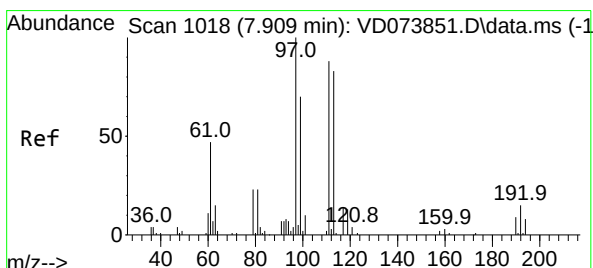
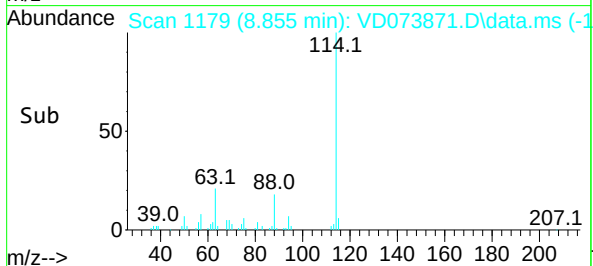
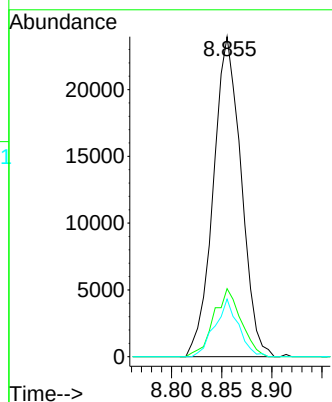
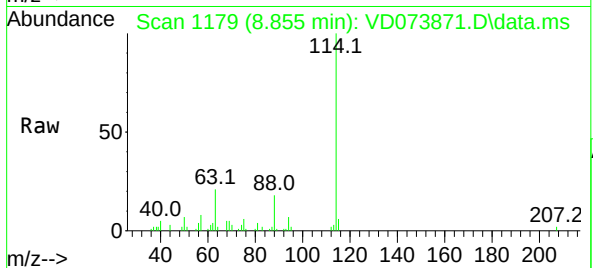
Tgt Ion:114 Resp: 46217

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 18.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.028 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073871.D

Acq: 19 Jul 2022 20:15

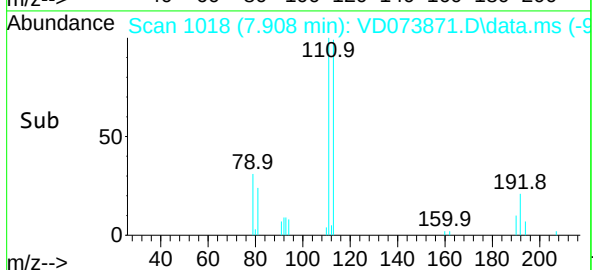
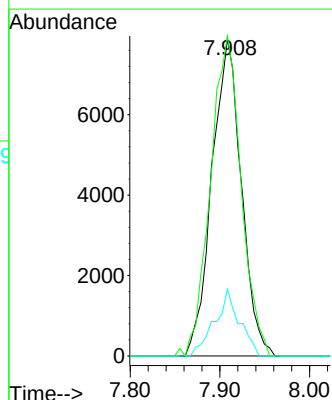
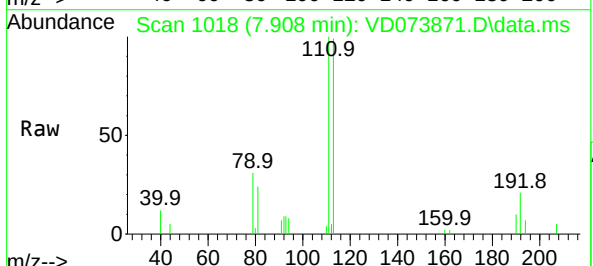
Tgt Ion:113 Resp: 17942

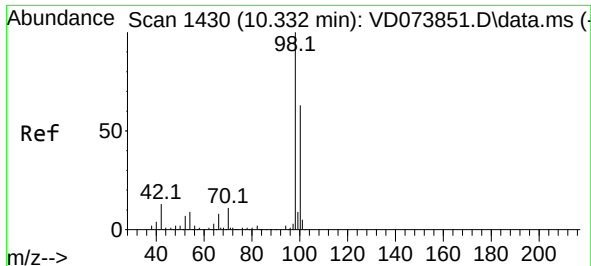
Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 17.7 14.6 21.8

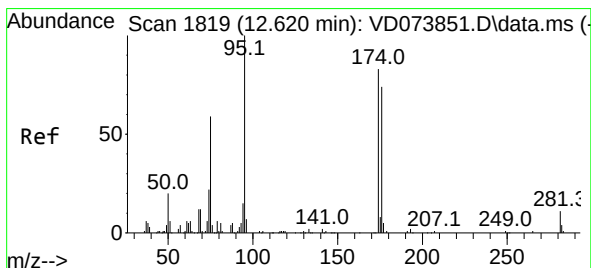
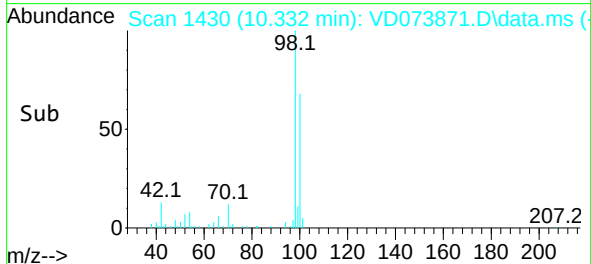
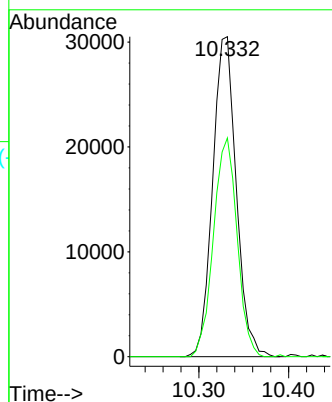
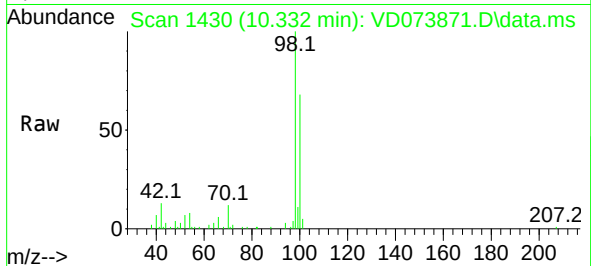




#50
Toluene-d8
Concen: 46.970 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

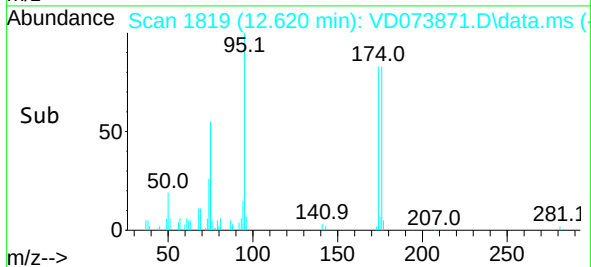
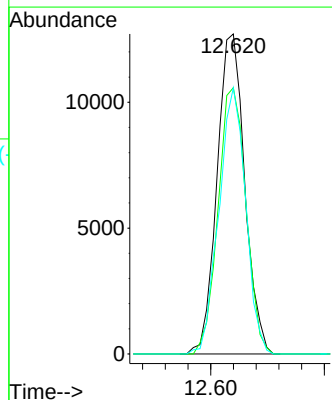
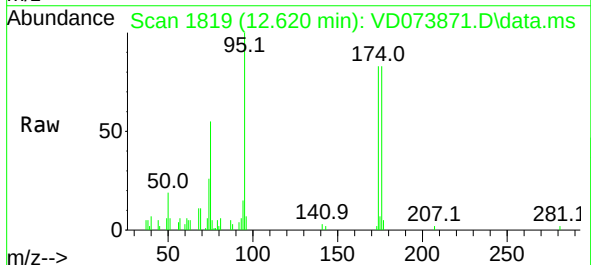
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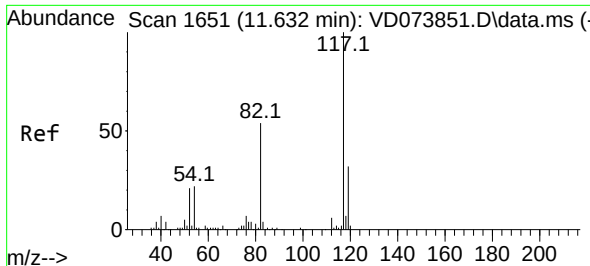
Tgt Ion: 98 Resp: 55596
Ion Ratio Lower Upper
98 100
100 68.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion: 95 Resp: 21499
Ion Ratio Lower Upper
95 100
174 83.8 0.0 152.8
176 80.3 0.0 145.4

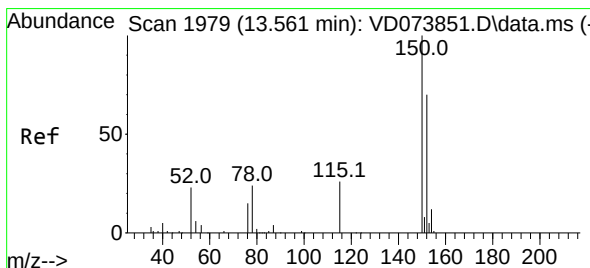
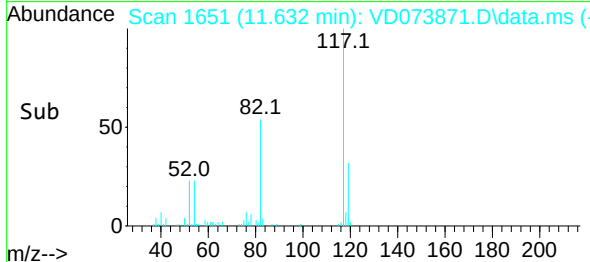
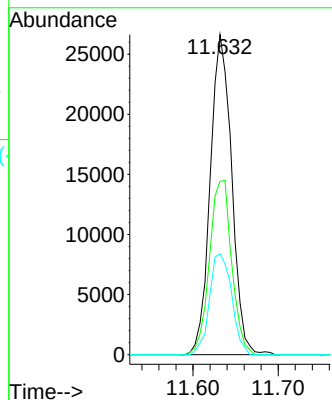
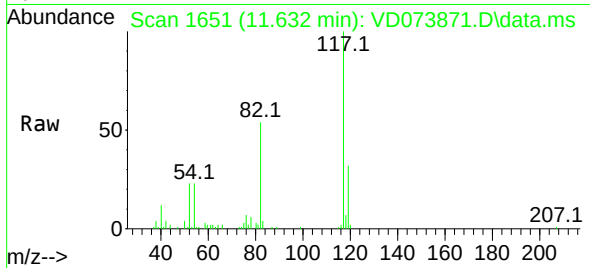




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:	117	Resp:	46588
Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.3	67.9
119	31.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073871.D
Acq: 19 Jul 2022 20:15

Tgt Ion:	152	Resp:	23126
Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.3	93.8
150	157.5	0.0	348.6

