

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073622.D
 Acq On : 16 Jun 2022 17:29
 Operator : VA/SY
 Sample : N3351-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40585

Quant Time: Jun 17 01:06:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

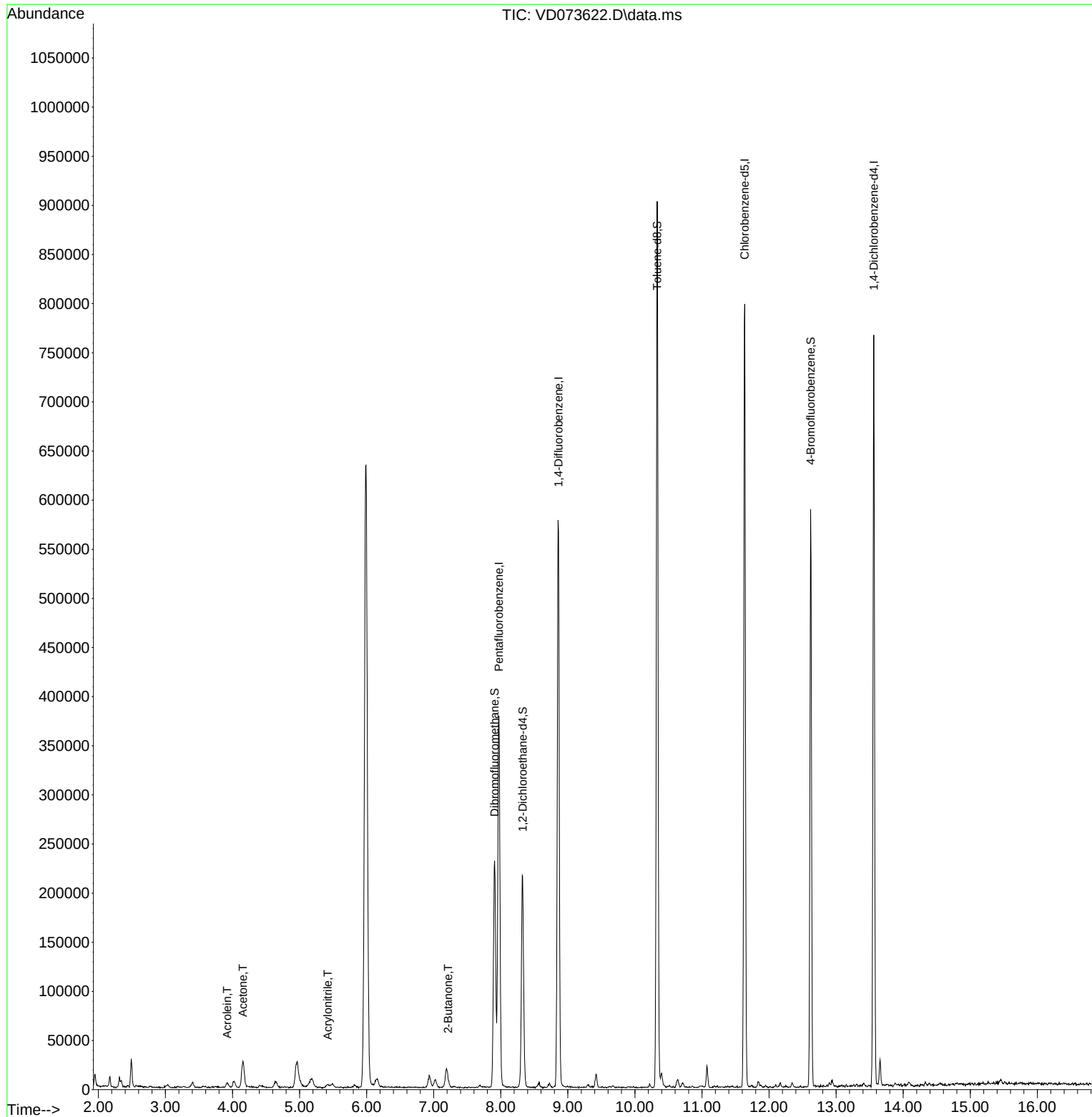
Internal Standards						
1) Pentafluorobenzene	7.973	168	281540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	512169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	466839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	206020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169279	56.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.908	113	169591	51.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.332	98	600937	48.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.620	95	195189	43.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.360%
Target Compounds						
						Qvalue
13) Acrolein	3.920	56	5419	40.723	ug/l	89
15) Acrylonitrile	5.420	53	3752	5.771	ug/l	93
16) Acetone	4.156	43	47505	89.299	ug/l	93
25) 2-Butanone	7.214	43	8725	11.147	ug/l #	83

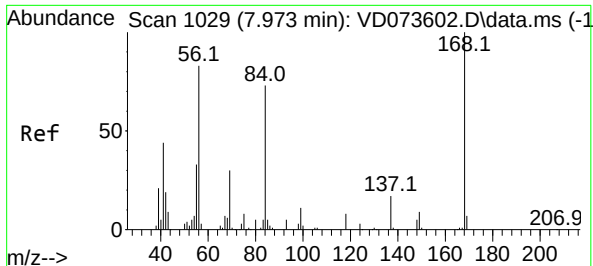
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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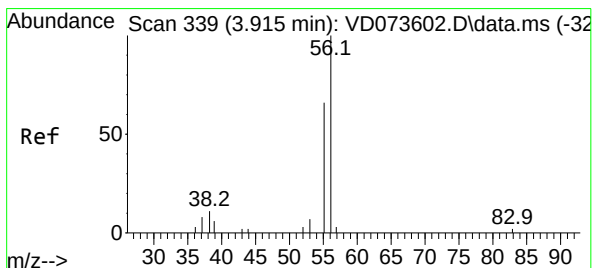
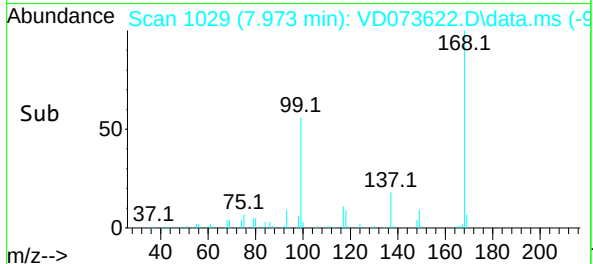
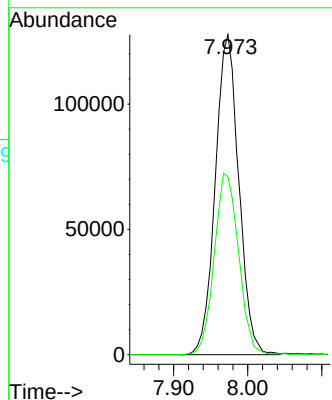
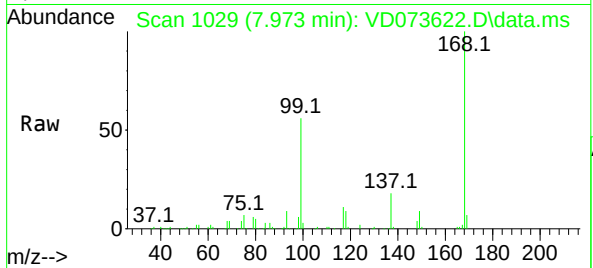




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

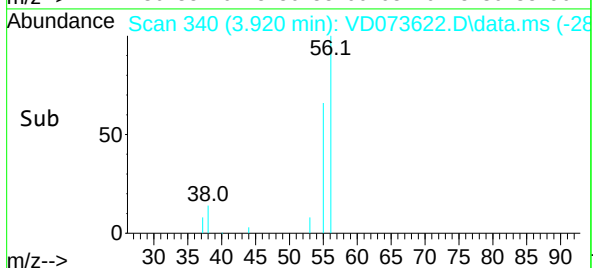
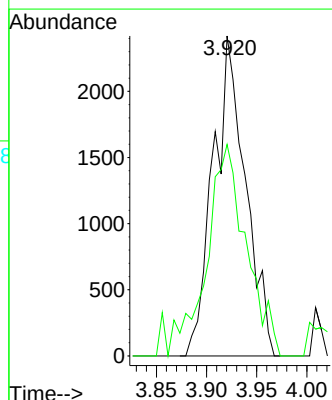
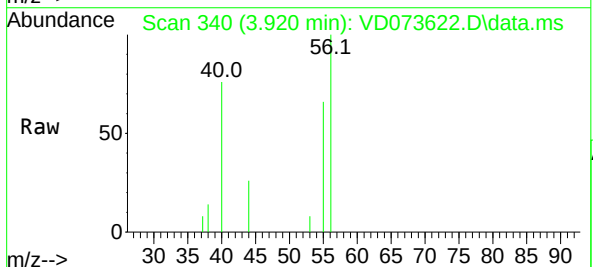
Instrument :
MSVOA_D
ClientSampleId :
40585

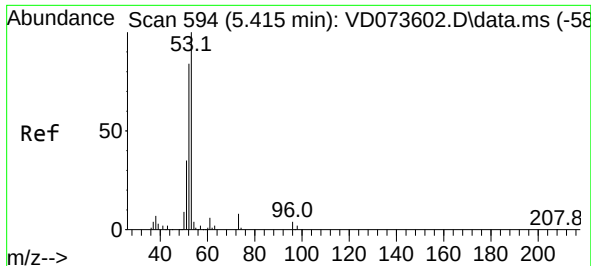
Tgt Ion:168 Resp: 281540
Ion Ratio Lower Upper
168 100
99 55.7 49.8 74.6



#13
Acrolein
Concen: 40.723 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.005 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

Tgt Ion: 56 Resp: 5419
Ion Ratio Lower Upper
56 100
55 80.8 57.1 85.7

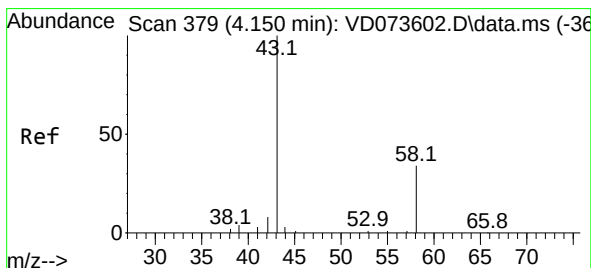
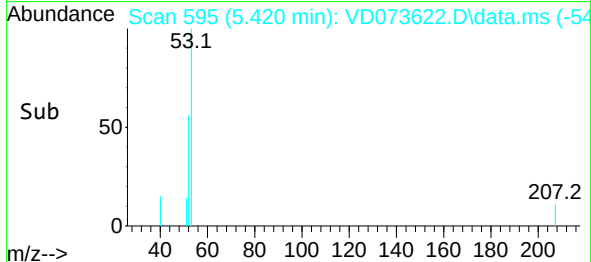
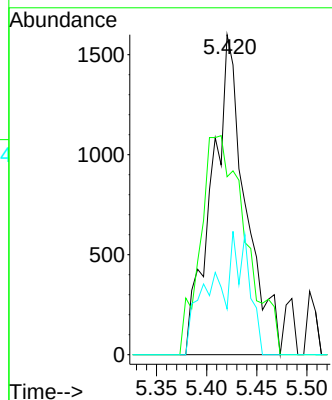
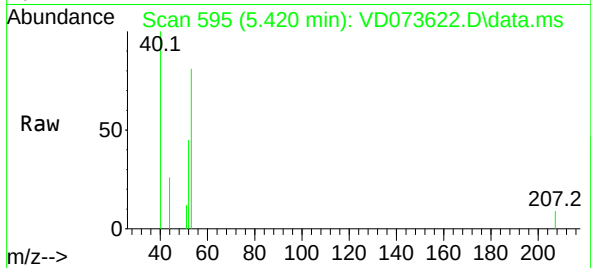




#15
Acrylonitrile
Concen: 5.771 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

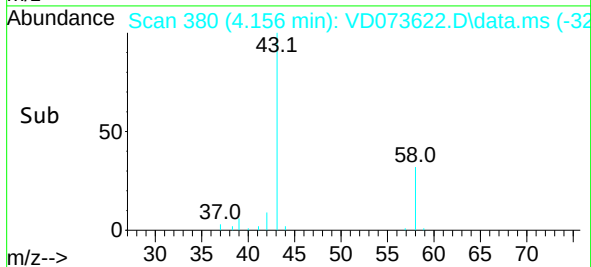
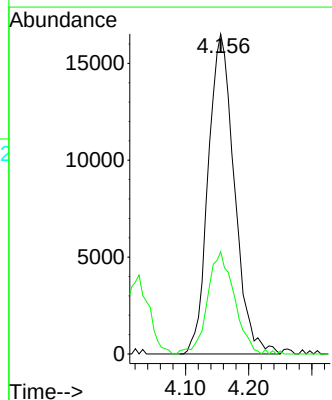
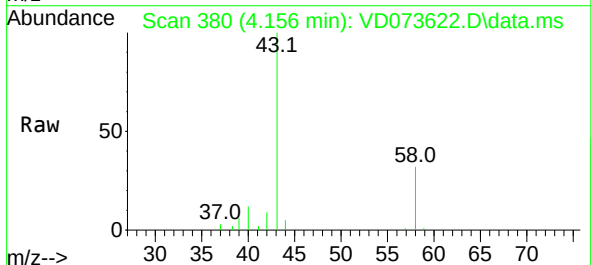
Instrument :
MSVOA_D
ClientSampleId :
40585

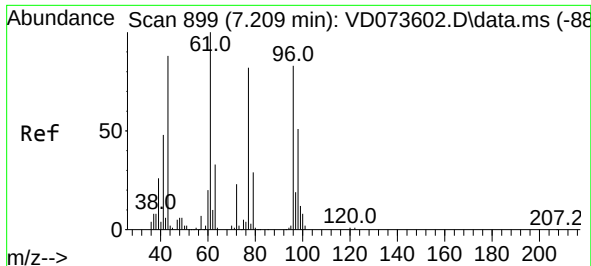
Tgt Ion: 53	Resp:	3752	
Ion	Ratio	Lower	Upper
53	100		
52	91.6	67.2	100.8
51	39.9	30.3	45.5



#16
Acetone
Concen: 89.299 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

Tgt Ion: 43	Resp: 47505
Ion Ratio	Lower Upper
43 100	
58 31.1	22.1 33.1

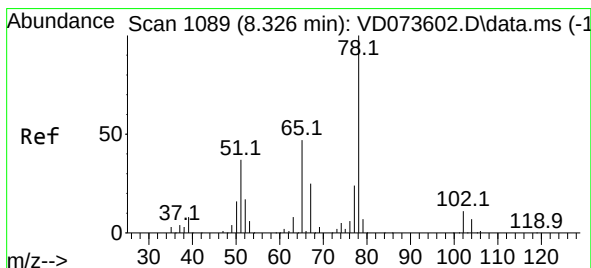
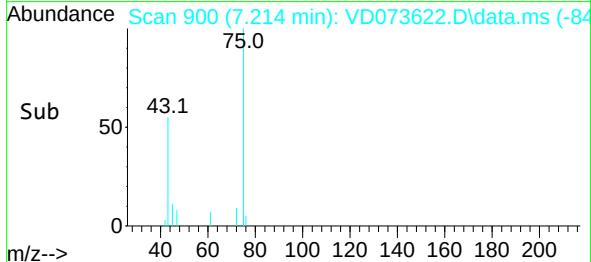
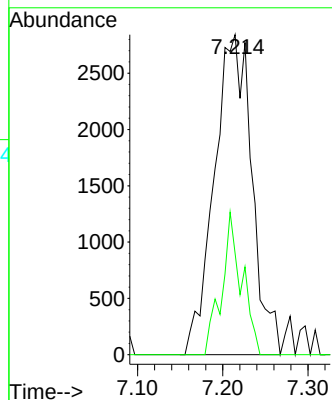
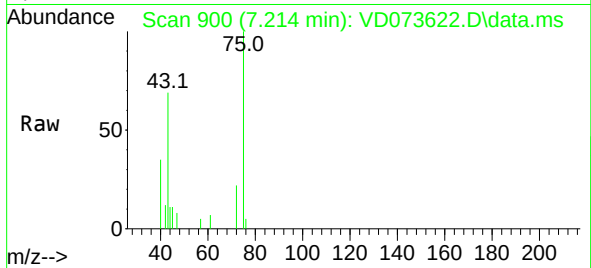




#25
2-Butanone
Concen: 11.147 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

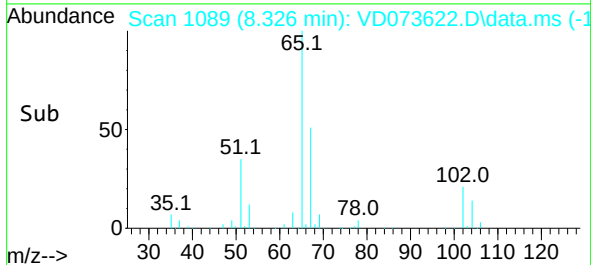
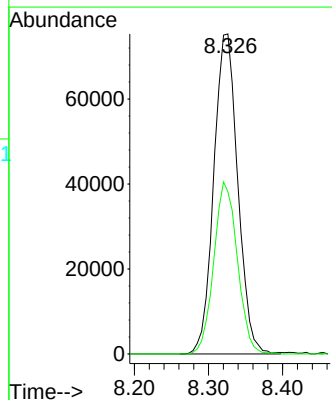
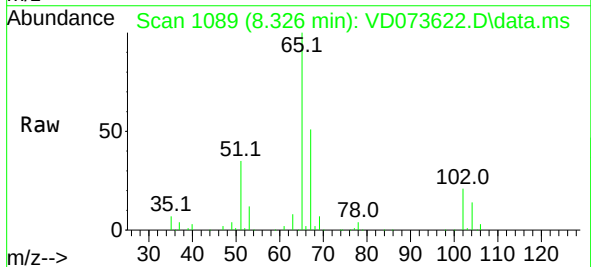
Instrument :
MSVOA_D
ClientSampleId :
40585

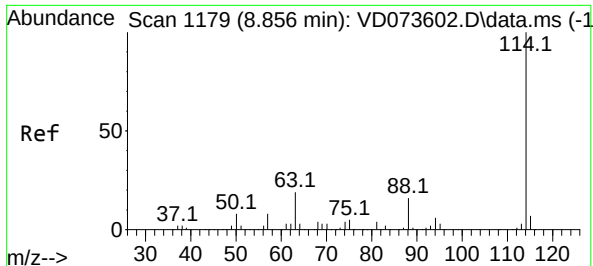
Tgt Ion: 43 Resp: 8725
Ion Ratio Lower Upper
43 100
72 31.7 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 56.028 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

Tgt Ion: 65 Resp: 169279
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073622.D

Acq: 16 Jun 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

40585

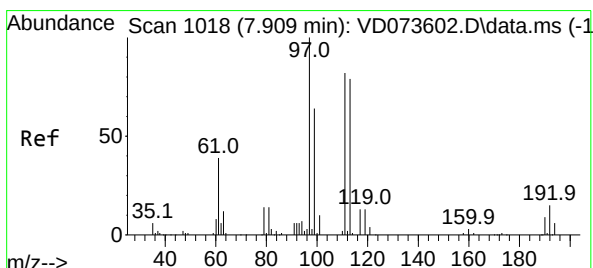
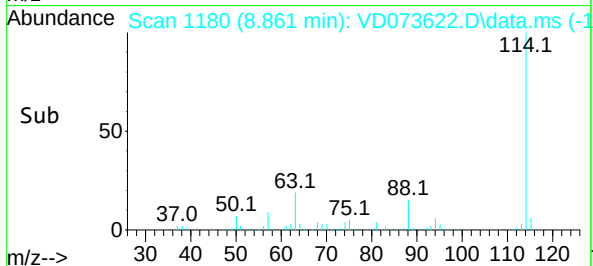
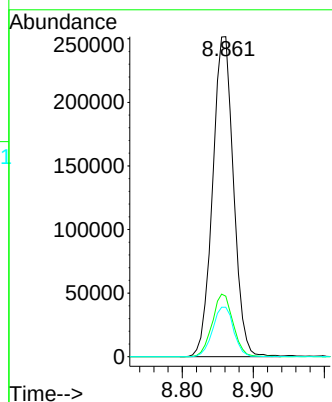
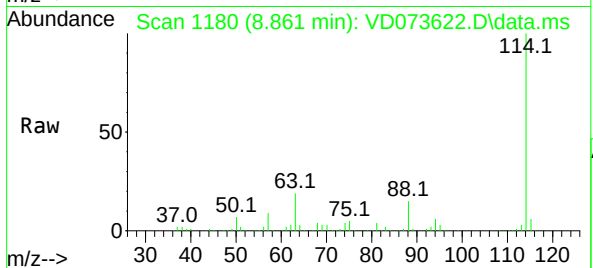
Tgt Ion:114 Resp: 512169

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.493 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073622.D

Acq: 16 Jun 2022 17:29

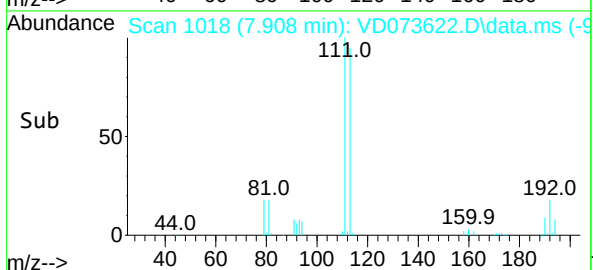
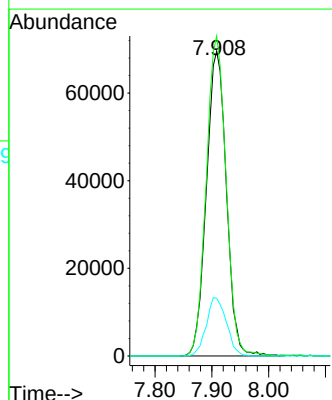
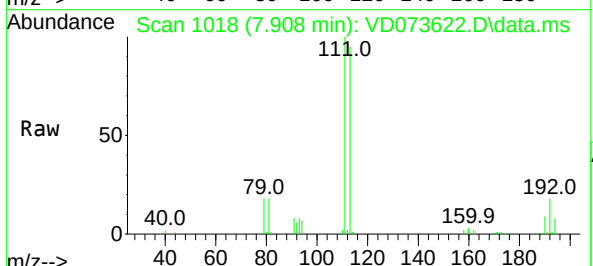
Tgt Ion:113 Resp: 169591

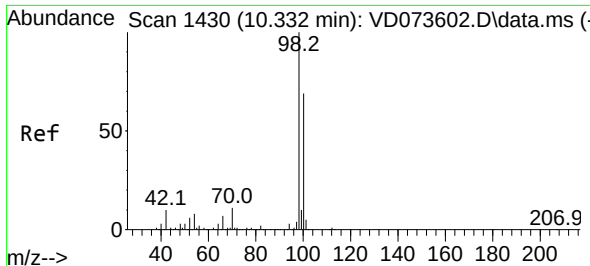
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 19.2 14.6 21.8

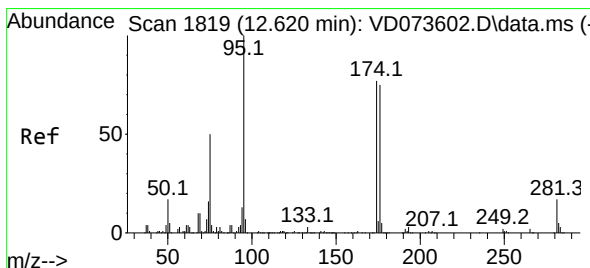
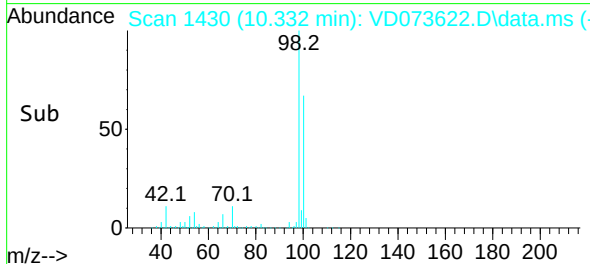
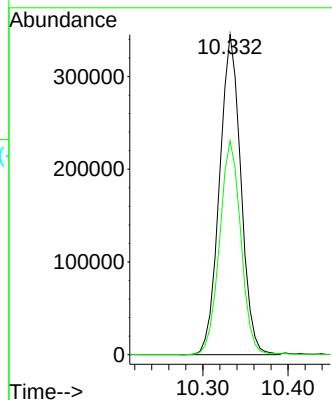
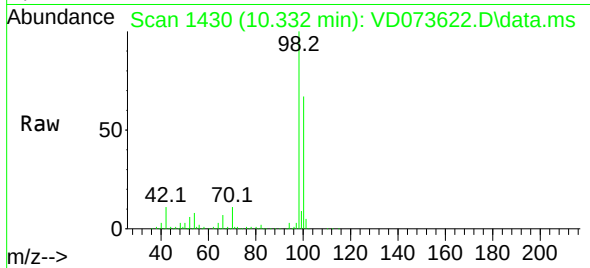




#50
Toluene-d8
Concen: 48.260 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

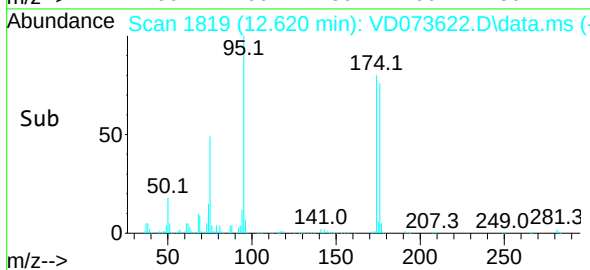
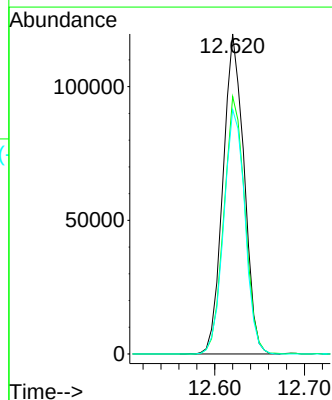
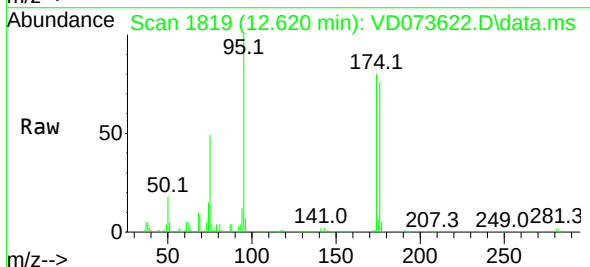
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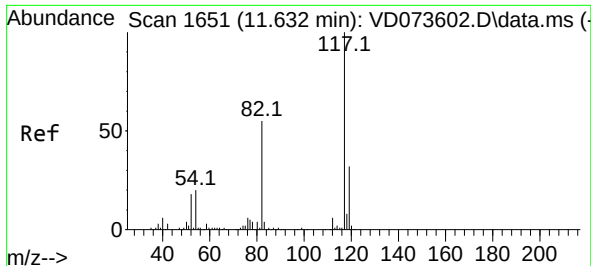
Tgt Ion: 98 Resp: 600937
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.179 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

Tgt Ion: 95 Resp: 195189
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.8
176 76.7 0.0 145.4

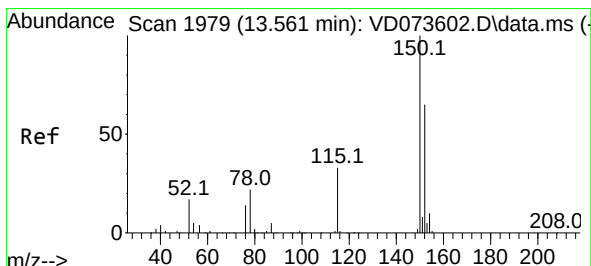
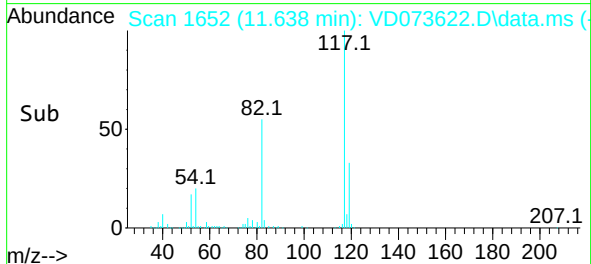
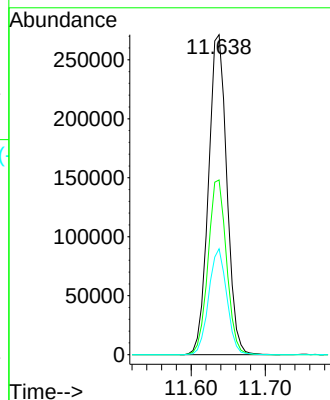
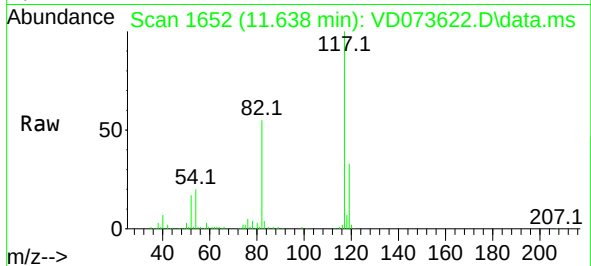




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073622.D
Acq: 16 Jun 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 466839
Ion Ratio Lower Upper
117 100
82 54.6 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: VD073622.D
Acq: 16 Jun 2022 17:29

Tgt Ion:152 Resp: 206020
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 158.1 0.0 348.6

