

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072054.D
 Acq On : 22 Feb 2022 13:42
 Operator : VA/SY
 Sample : N1626-02
 Misc : 4.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B1

Quant Time: Feb 23 05:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

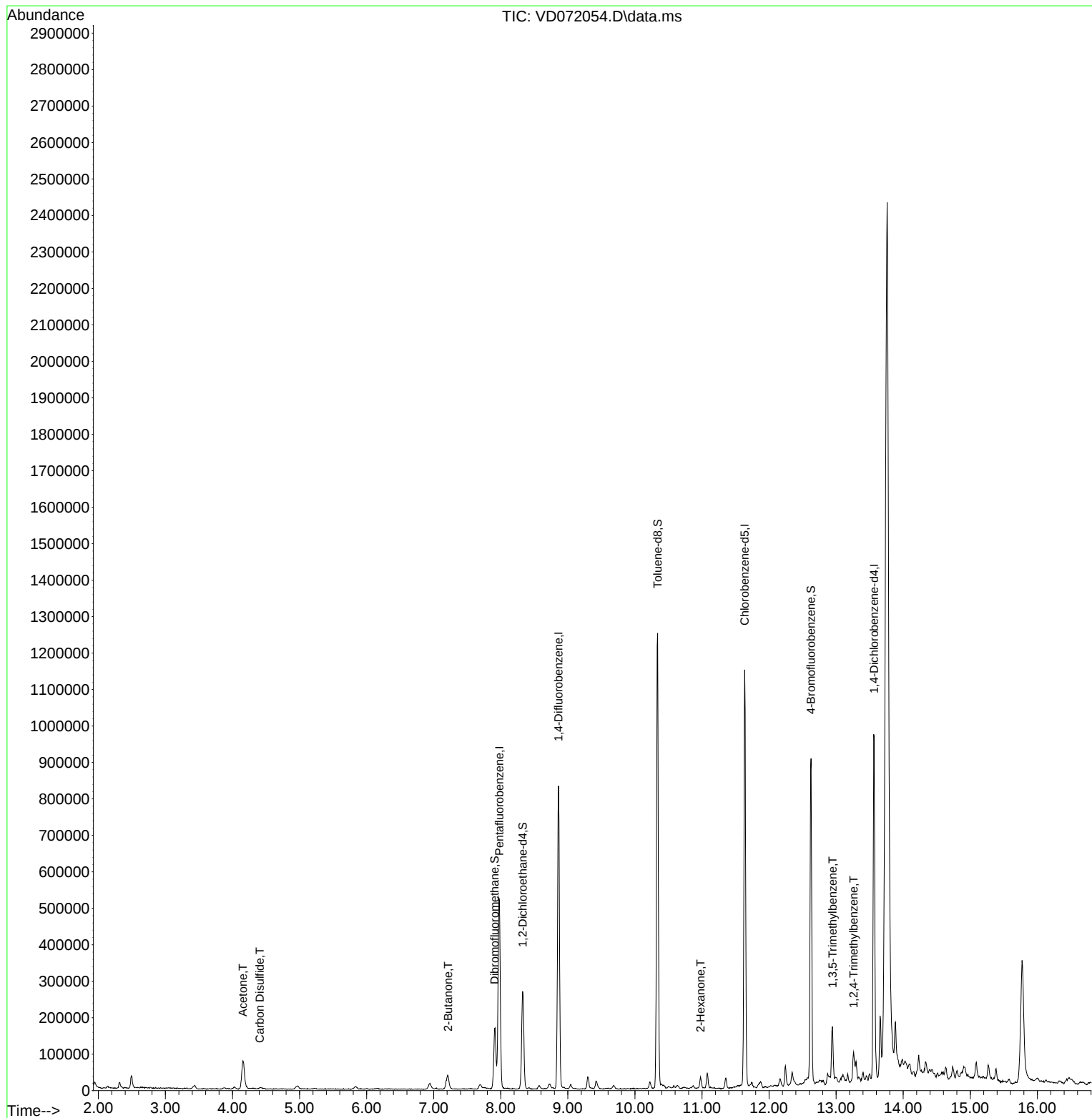
Internal Standards						
1) Pentafluorobenzene	7.979	168	394633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	697215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	649718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	254604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217724	53.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.380%	
35) Dibromofluoromethane	7.908	113	116750	27.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 55.280%	
50) Toluene-d8	10.338	98	834206	53.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.626	95	289989	50.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	149468	168.951	ug/l	96
17) Carbon Disulfide	4.409	76	4676	1.121	ug/l #	84
25) 2-Butanone	7.214	43	54592	44.647	ug/l	98
59) 2-Hexanone	10.979	43	19602	9.814	ug/l	92
80) 1,3,5-Trimethylbenzene	12.949	105	17565	1.203	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	53648	3.739	ug/l	85

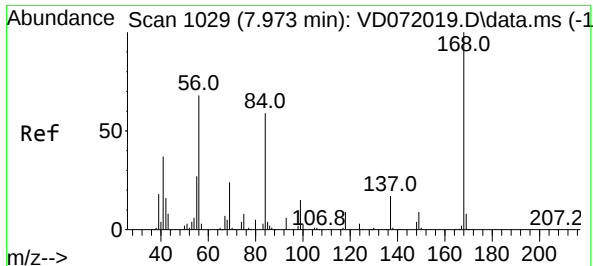
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

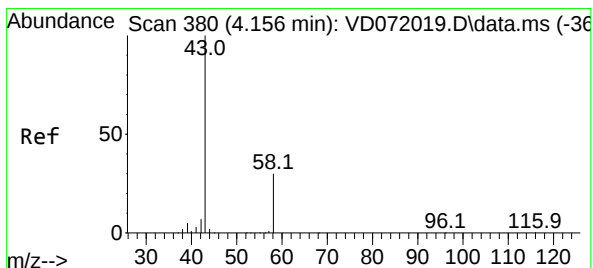
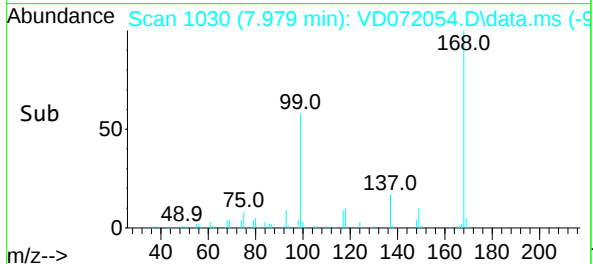
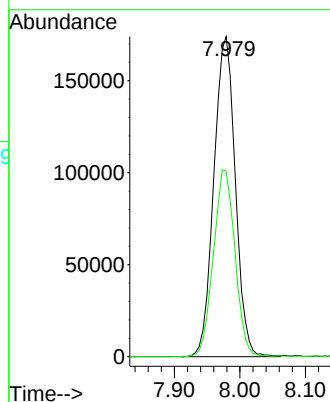
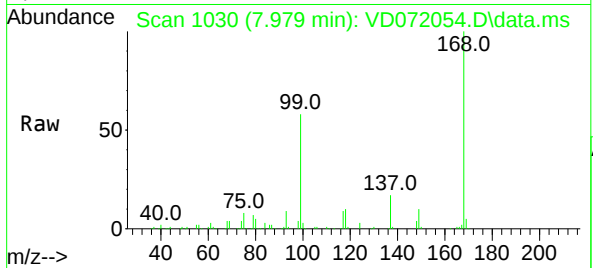




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

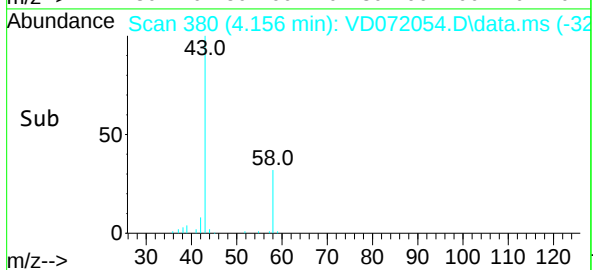
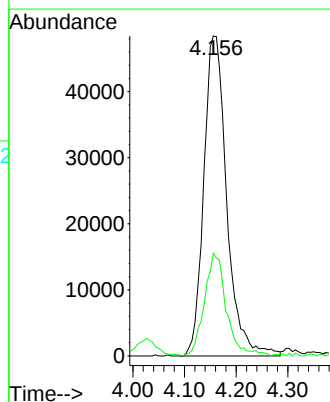
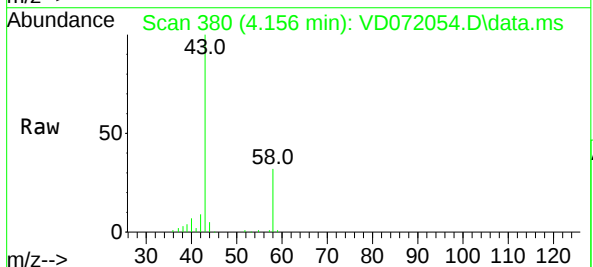
Instrument :
MSVOA_D
ClientSampleId :
CC-B1

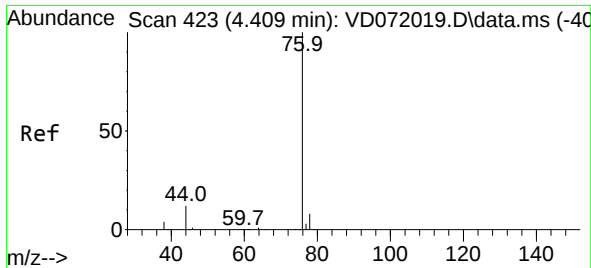
Tgt Ion:168 Resp: 394633
Ion Ratio Lower Upper
168 100
99 58.0 47.1 70.7



#16
Acetone
Concen: 168.951 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

Tgt Ion: 43 Resp: 149468
Ion Ratio Lower Upper
43 100
58 31.8 23.8 35.6

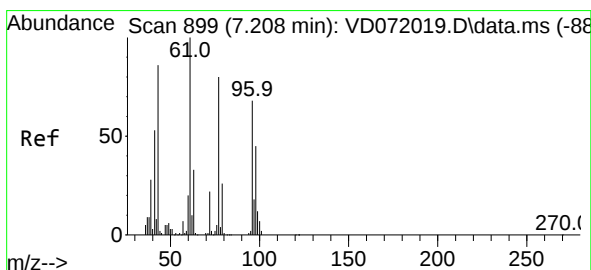
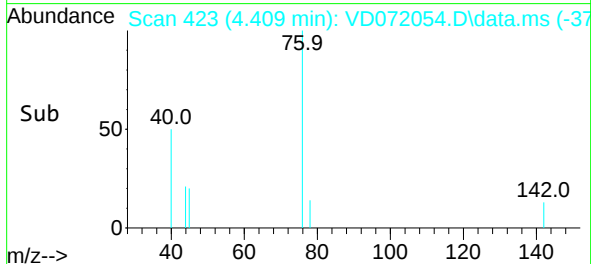
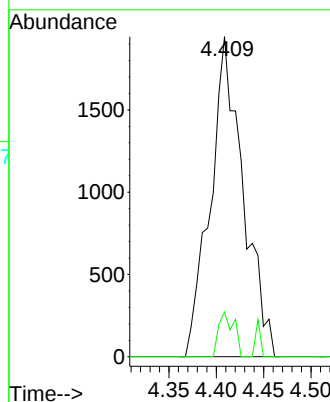
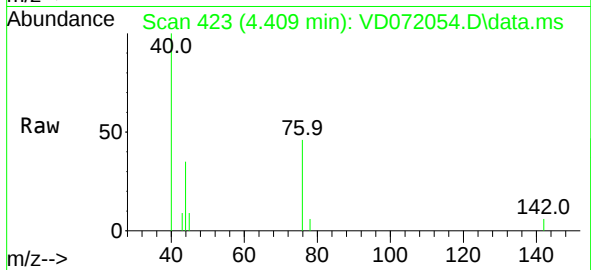




#17
Carbon Disulfide
Concen: 1.121 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

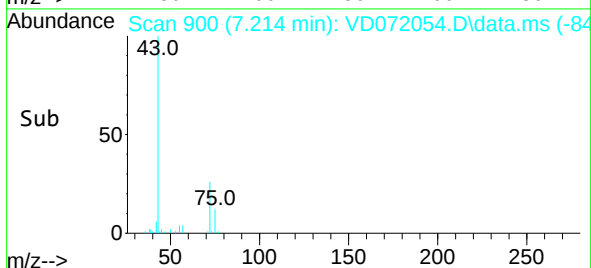
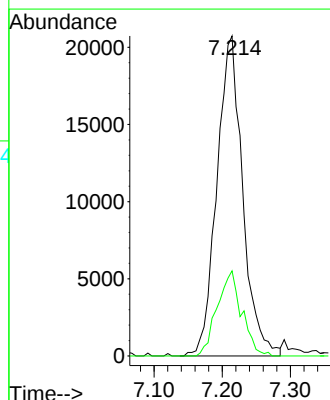
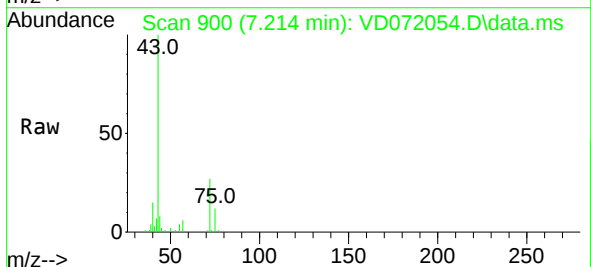
Instrument :
MSVOA_D
ClientSampleId :
CC-B1

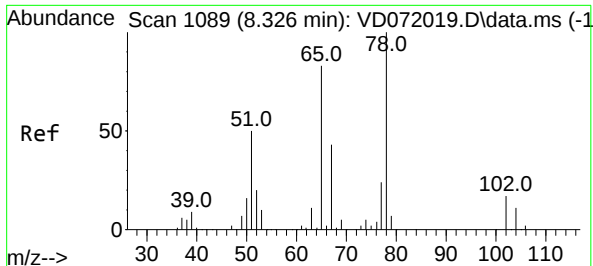
Tgt Ion: 76 Resp: 4676
Ion Ratio Lower Upper
76 100
78 14.0 6.7 10.1#



#25
2-Butanone
Concen: 44.647 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

Tgt Ion: 43 Resp: 54592
Ion Ratio Lower Upper
43 100
72 26.6 20.3 30.5





#33

1,2-Dichloroethane-d4

Concen: 53.188 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072054.D

Acq: 22 Feb 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

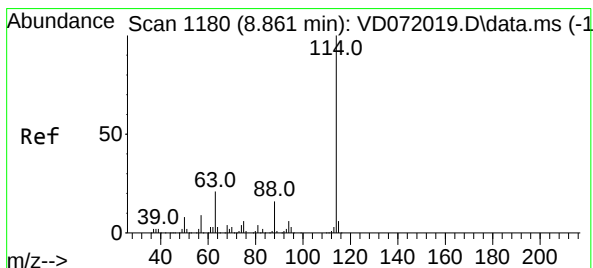
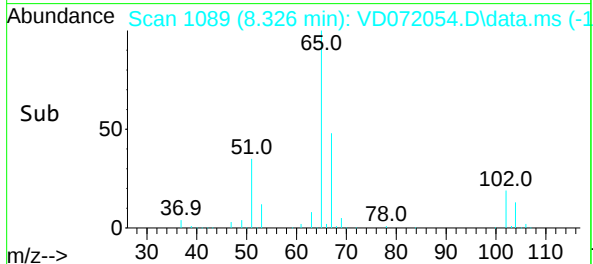
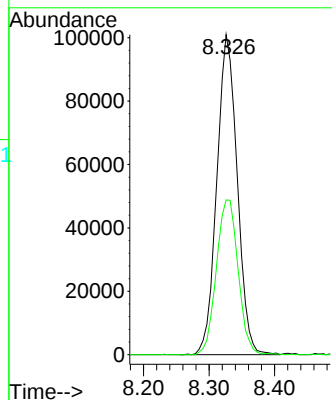
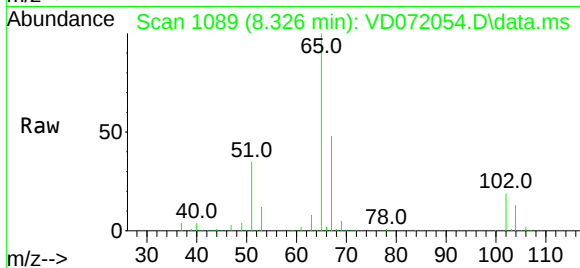
CC-B1

Tgt Ion: 65 Resp: 217724

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072054.D

Acq: 22 Feb 2022 13:42

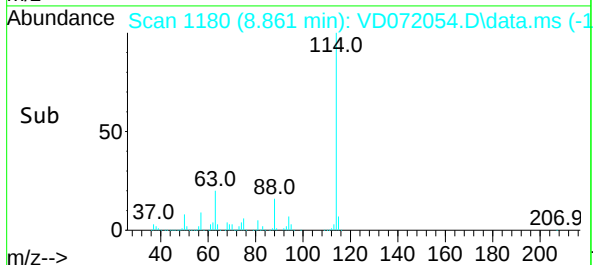
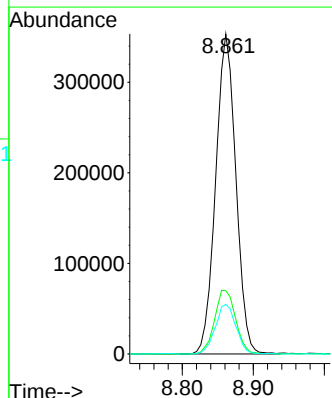
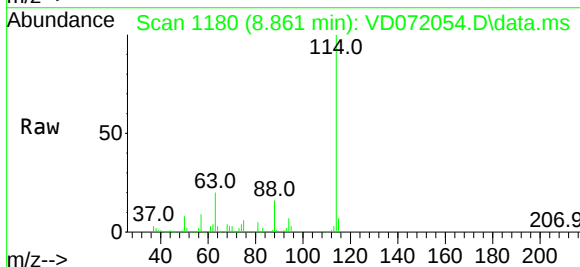
Tgt Ion: 114 Resp: 697215

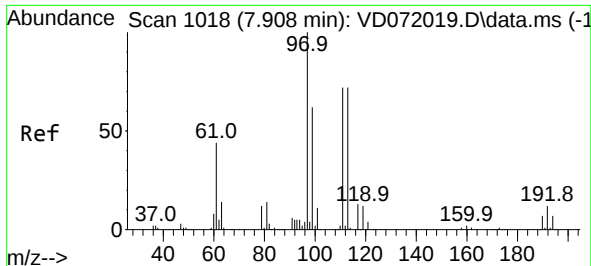
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 27.638 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072054.D

Acq: 22 Feb 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

CC-B1

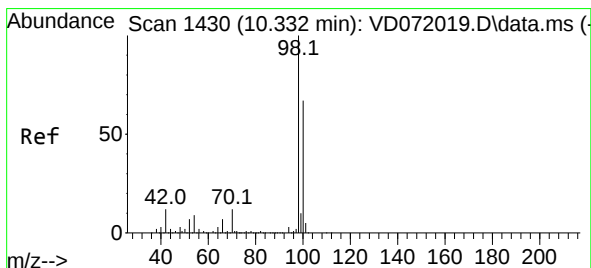
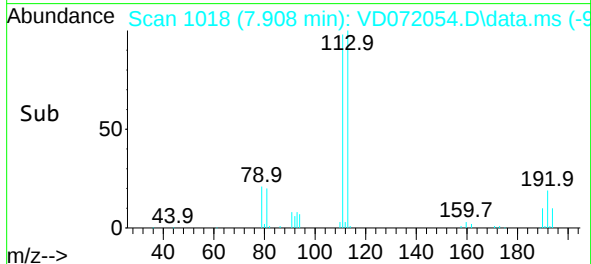
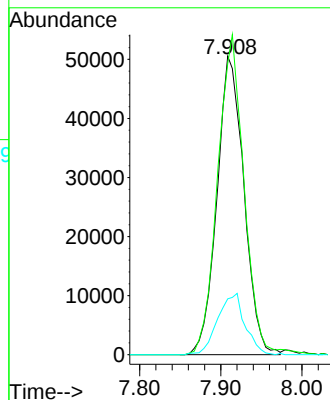
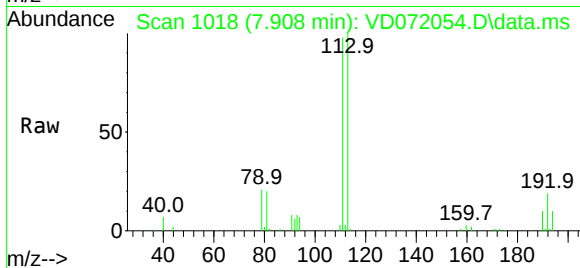
Tgt Ion:113 Resp: 116750

Ion Ratio Lower Upper

113 100

111 105.6 83.0 124.4

192 20.7 15.3 22.9



#50

Toluene-d8

Concen: 53.252 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072054.D

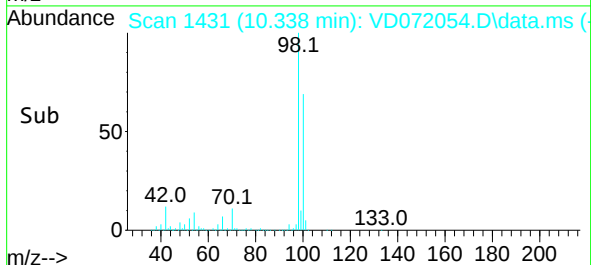
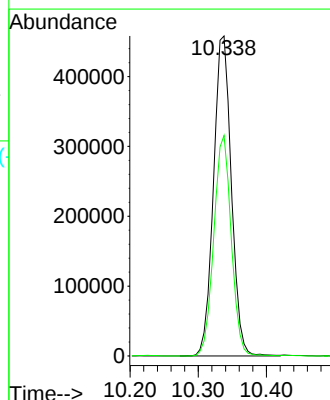
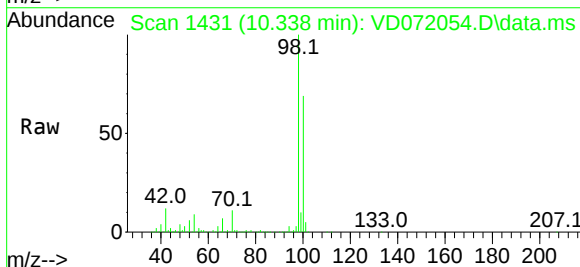
Acq: 22 Feb 2022 13:42

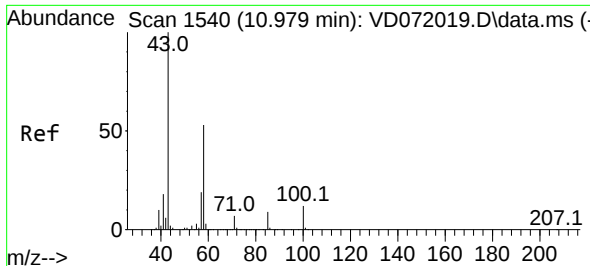
Tgt Ion: 98 Resp: 834206

Ion Ratio Lower Upper

98 100

100 67.4 53.8 80.6

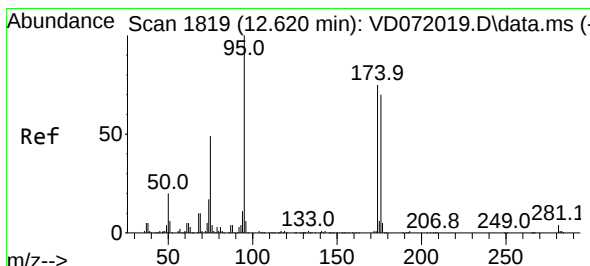
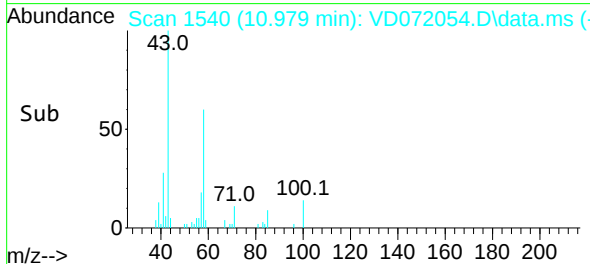
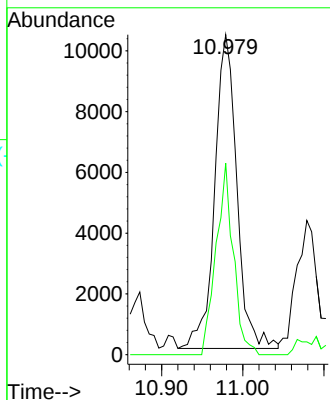
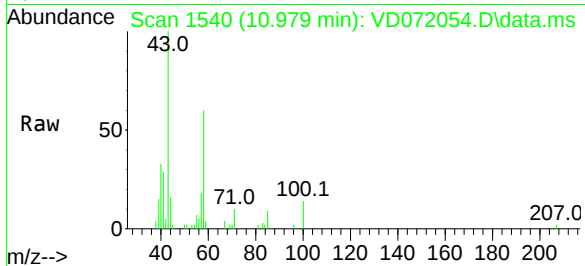




#59
2-Hexanone
Concen: 9.814 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

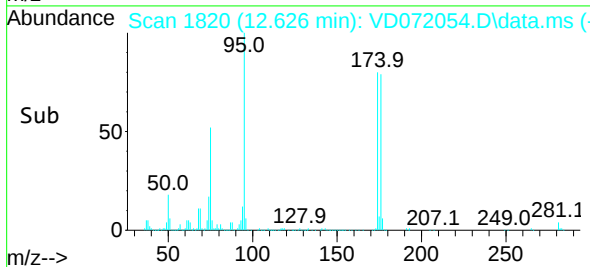
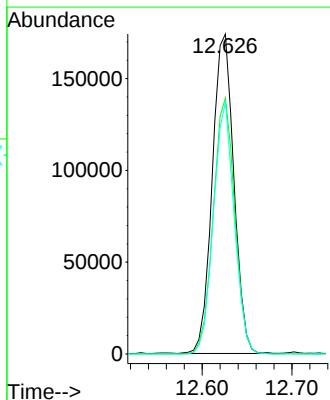
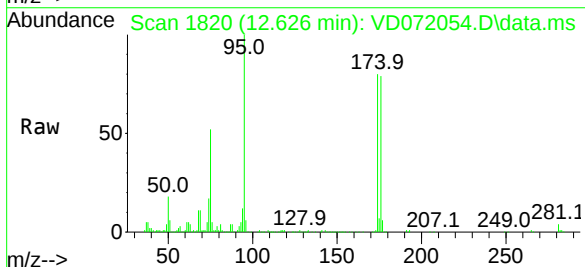
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CC-B1

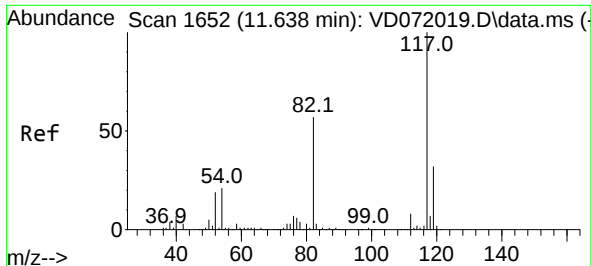
Tgt Ion: 43 Resp: 19602
Ion Ratio Lower Upper
43 100
58 47.8 27.0 80.8



#62
4-Bromofluorobenzene
Concen: 50.396 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

Tgt Ion: 95 Resp: 289989
Ion Ratio Lower Upper
95 100
174 79.9 0.0 155.0
176 75.8 0.0 148.8

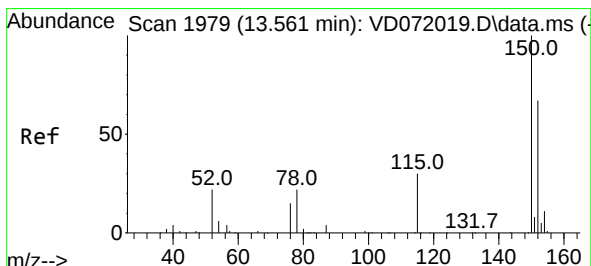
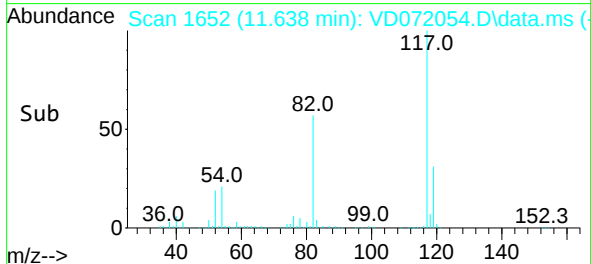
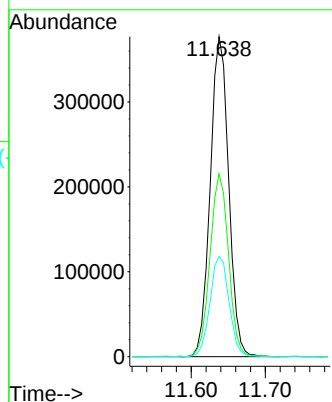
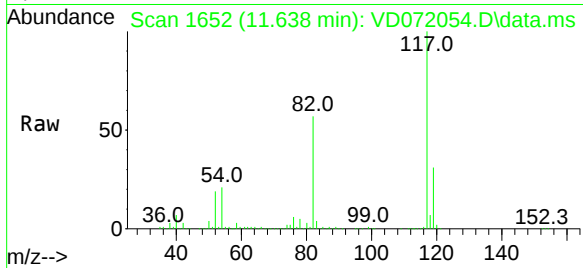




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

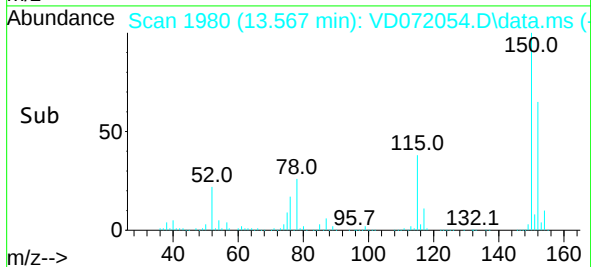
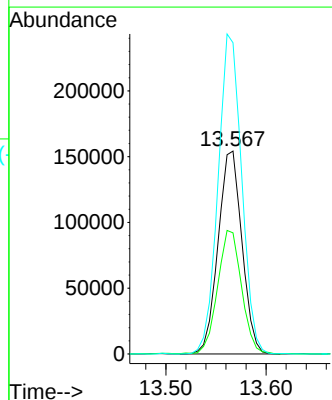
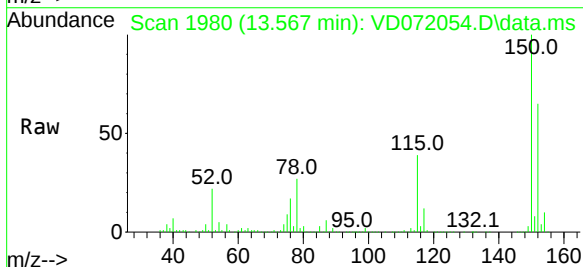
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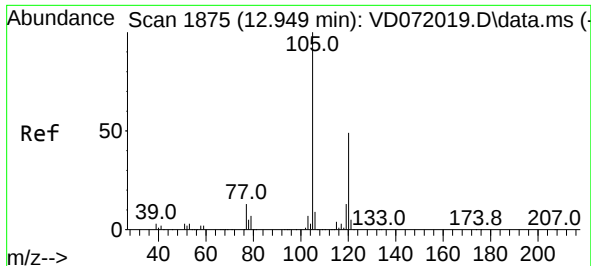
Tgt Ion:117 Resp: 649718
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072054.D
Acq: 22 Feb 2022 13:42

Tgt Ion:152 Resp: 254604
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 156.2 0.0 347.6

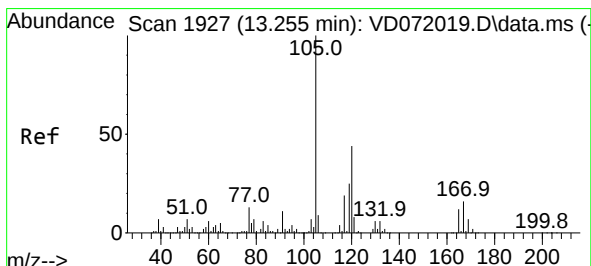
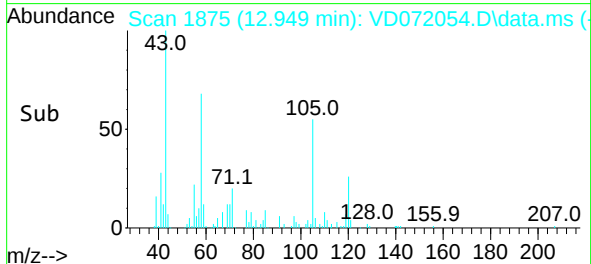
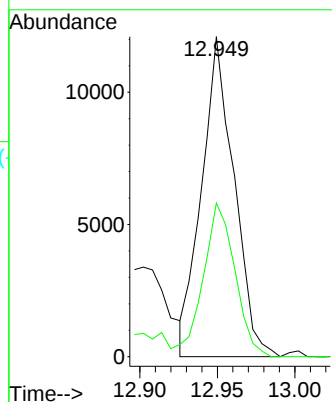
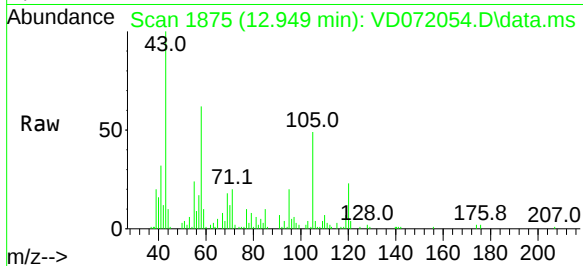




#80
 1,3,5-Trimethylbenzene
 Concen: 1.203 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD072054.D
 Acq: 22 Feb 2022 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B1

Tgt Ion:105 Resp: 17565
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 3.739 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: VD072054.D
 Acq: 22 Feb 2022 13:42

Tgt Ion:105 Resp: 53648
 Ion Ratio Lower Upper
 105 100
 120 35.2 22.4 67.3

