

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069841.D
 Acq On : 8 Dec 2021 3:41
 Operator : JC/MD
 Sample : M4957-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20211206

Quant Time: Dec 08 06:38:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

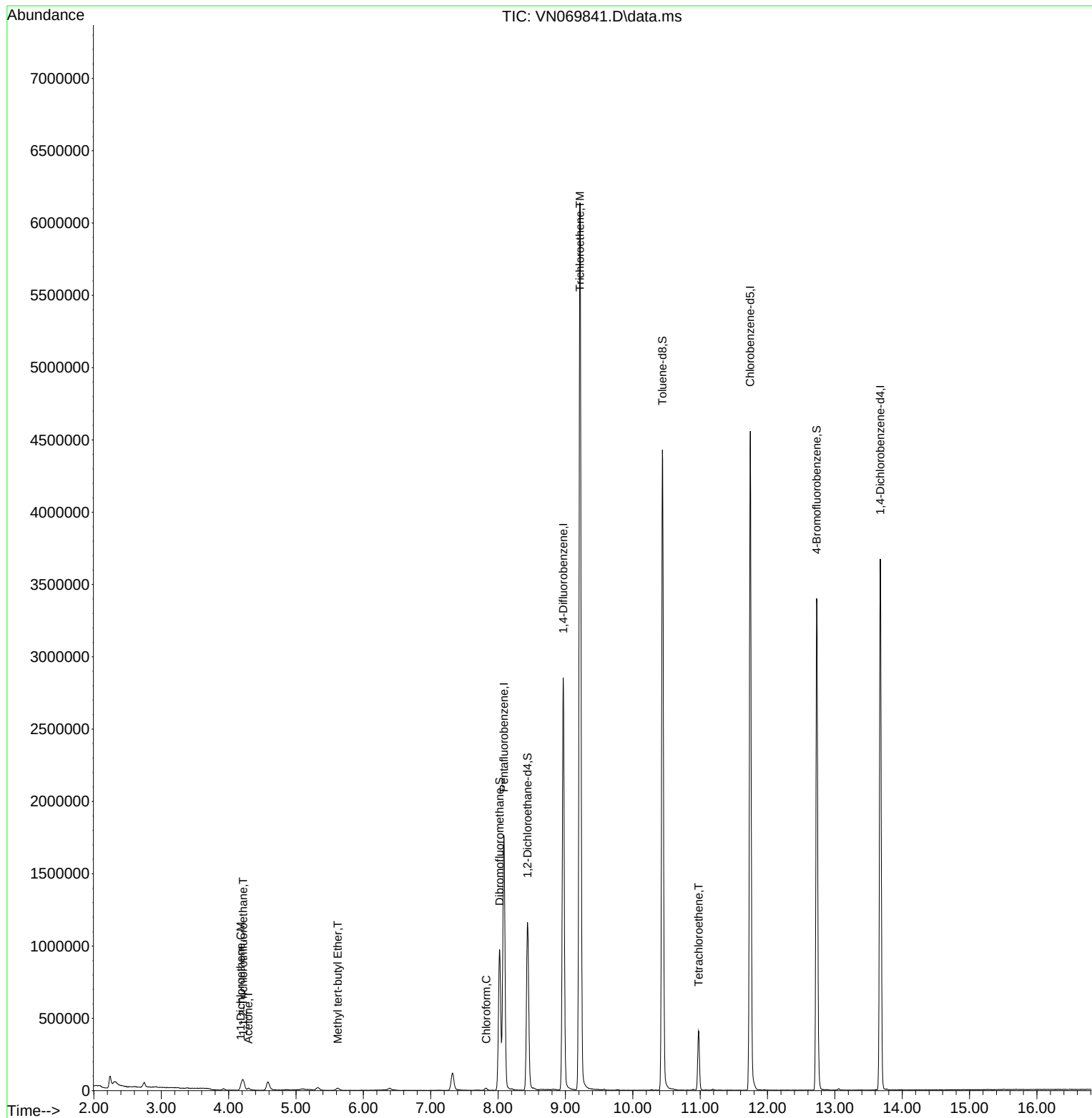
Internal Standards						
1) Pentafluorobenzene	8.088	168	1315870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2371300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2543476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	986917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1013939	49.906	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.820%
35) Dibromofluoromethane	8.021	113	707774	47.651	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.300%
50) Toluene-d8	10.440	98	3055750	51.236	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.731	95	1205922	55.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.620%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.215	101	43716	3.361	ug/l	97
12) 1,1-Dichloroethene	4.178	96	10830	0.864	ug/l	87
16) Acetone	4.293	43	13592	1.112	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	20852	0.428	ug/l	98
30) Chloroform	7.823	83	14896	0.516	ug/l	98
44) Trichloroethene	9.215	130	2162309	131.297	ug/l	91
64) Tetrachloroethene	10.977	164	88801	5.149	ug/l	97

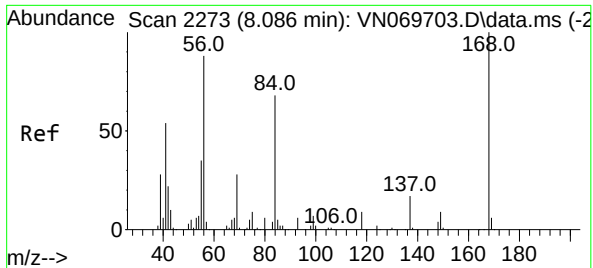
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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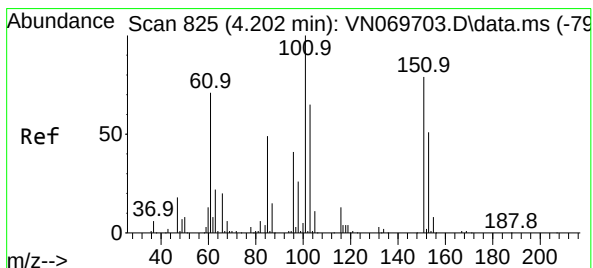
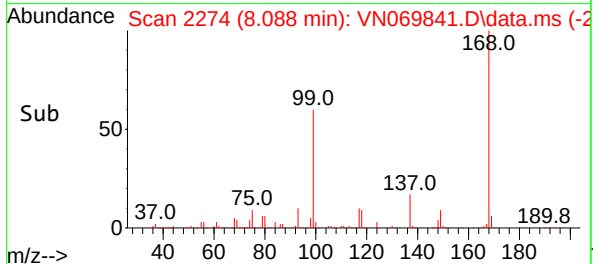
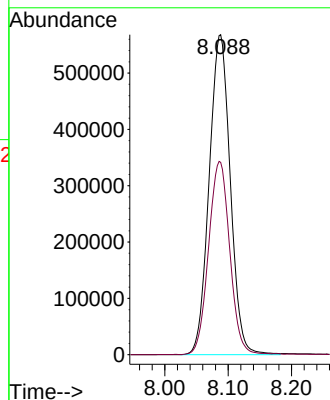
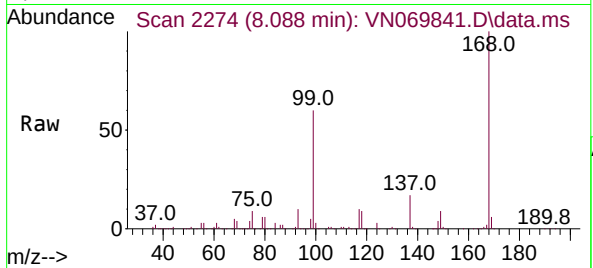




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069841.D
Acq: 8 Dec 2021 3:41

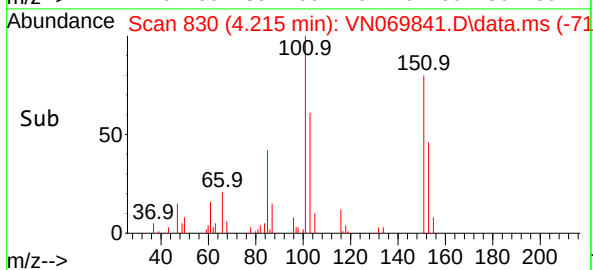
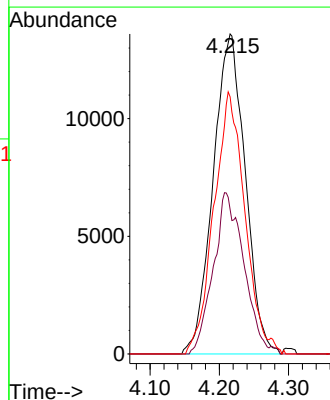
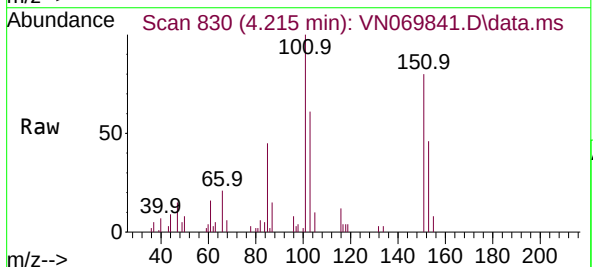
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20211206

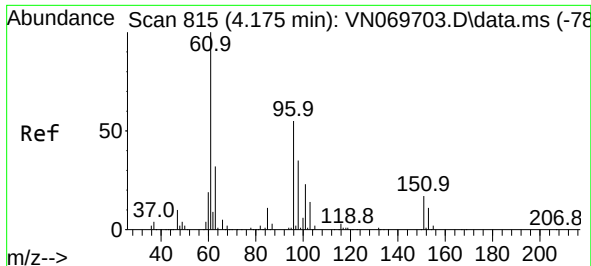
Tgt Ion:168 Resp: 1315870
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.361 ug/l
RT: 4.215 min Scan# 830
Delta R.T. 0.013 min
Lab File: VN069841.D
Acq: 8 Dec 2021 3:41

Tgt Ion:101 Resp: 43716
Ion Ratio Lower Upper
101 100
85 47.9 37.2 55.8
151 79.4 65.9 98.9

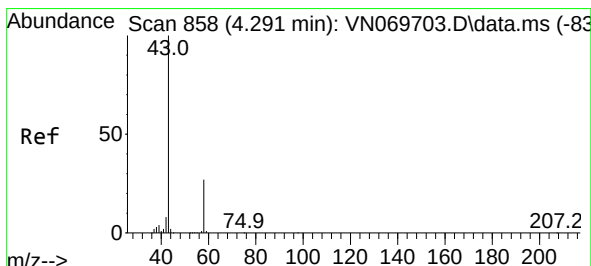
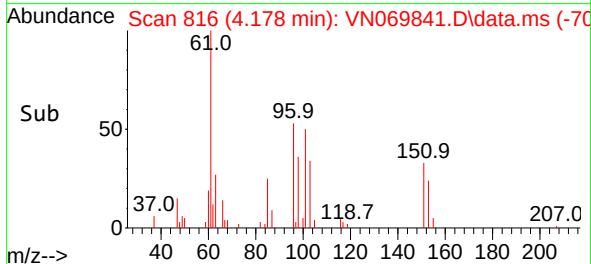
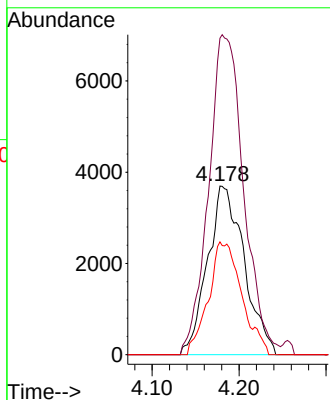
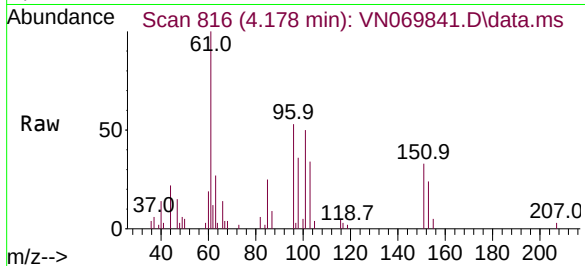




#12
 1,1-Dichloroethene
 Concen: 0.864 ug/l
 RT: 4.178 min Scan# 815
 Delta R.T. 0.003 min
 Lab File: VN069841.D
 Acq: 8 Dec 2021 3:41

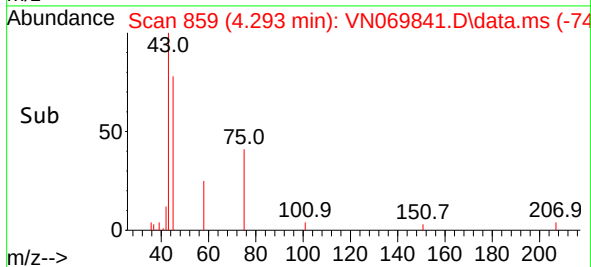
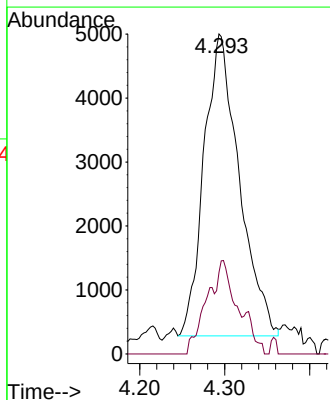
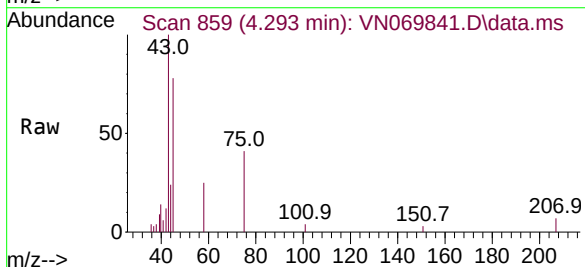
Instrument :
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 RE125D1-20211206

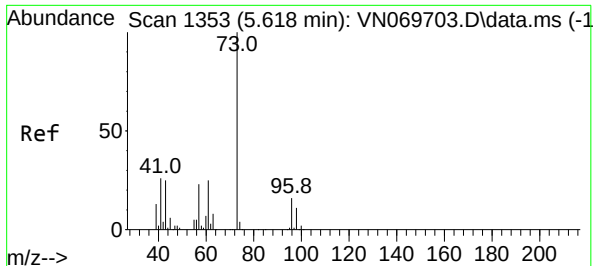
Tgt Ion: 96 Resp: 10830
 Ion Ratio Lower Upper
 96 100
 61 187.7 131.0 196.6
 98 66.9 52.4 78.6



#16
 Acetone
 Concen: 1.112 ug/l
 RT: 4.293 min Scan# 859
 Delta R.T. 0.003 min
 Lab File: VN069841.D
 Acq: 8 Dec 2021 3:41

Tgt Ion: 43 Resp: 13592
 Ion Ratio Lower Upper
 43 100
 58 27.0 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 0.428 ug/l

RT: 5.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN069841.D

Acq: 8 Dec 2021 3:41

Instrument :

MSVOA_N

ClientSampleId :

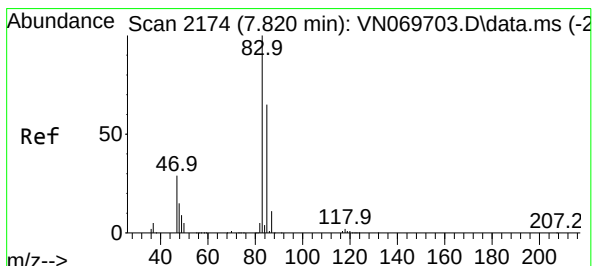
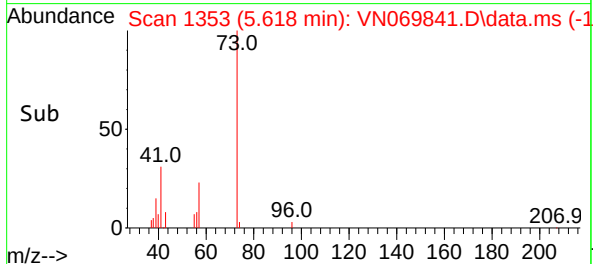
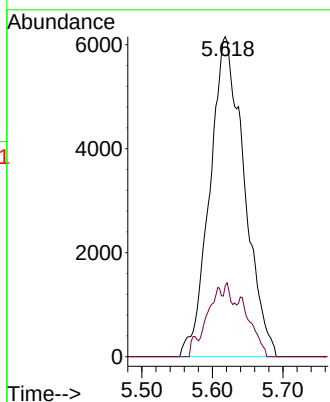
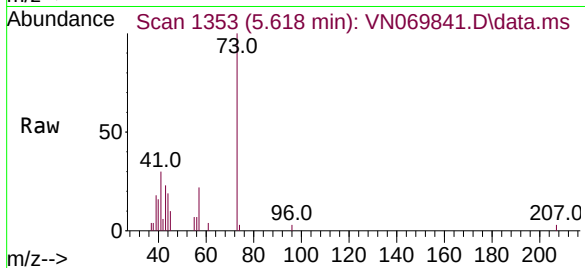
RE125D1-20211206

Tgt Ion: 73 Resp: 20852

Ion Ratio Lower Upper

73 100

57 22.1 16.8 25.2



#30

Chloroform

Concen: 0.516 ug/l

RT: 7.823 min Scan# 2175

Delta R.T. 0.003 min

Lab File: VN069841.D

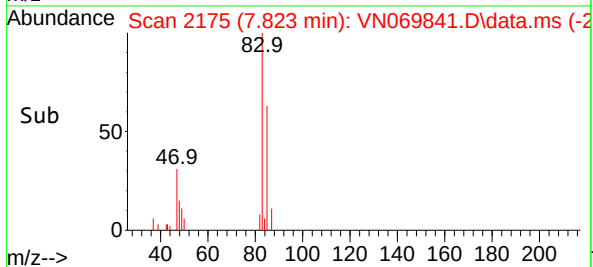
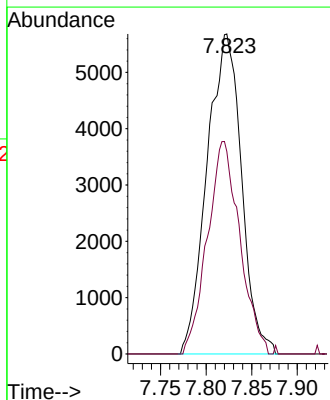
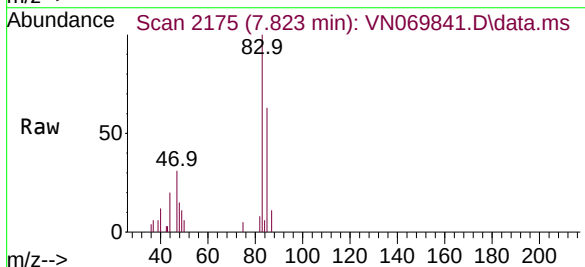
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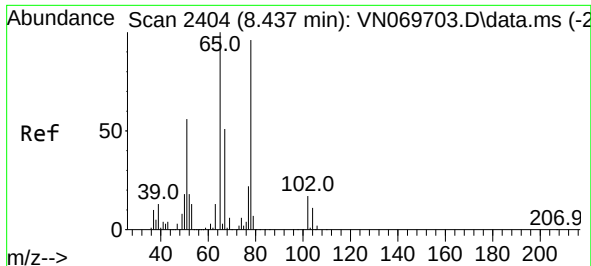
Tgt Ion: 83 Resp: 14896

Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 49.906 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069841.D

Acq: 8 Dec 2021 3:41

Instrument :

MSVOA_N

ClientSampleId :

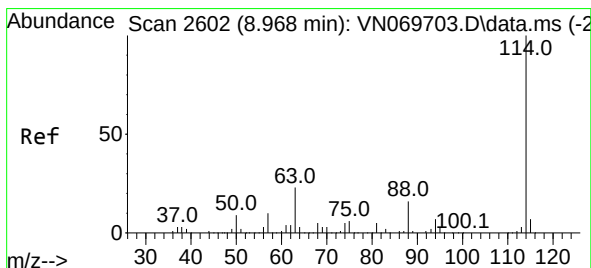
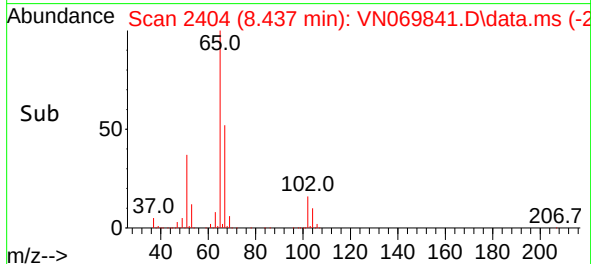
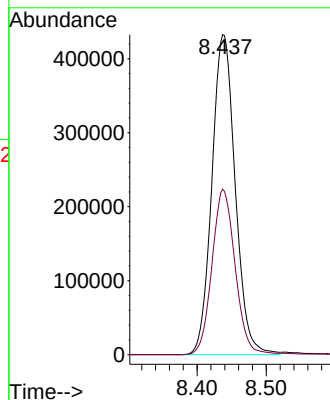
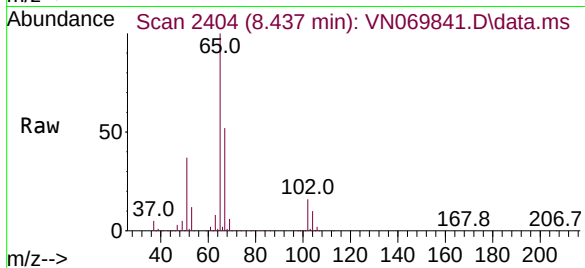
RE125D1-20211206

Tgt Ion: 65 Resp: 1013939

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069841.D

Acq: 8 Dec 2021 3:41

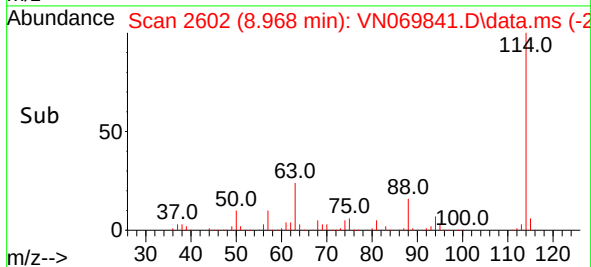
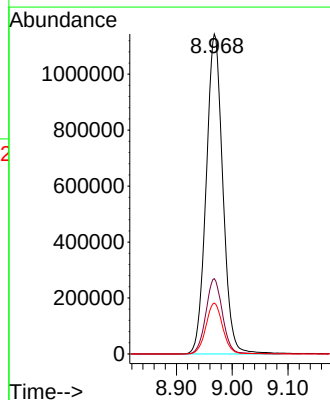
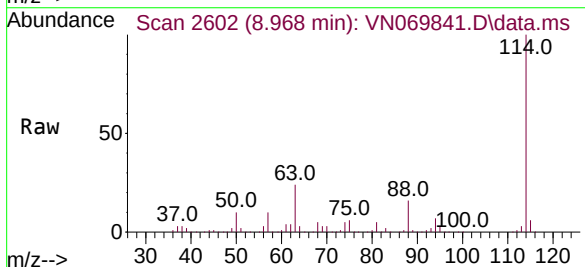
Tgt Ion: 114 Resp: 2371300

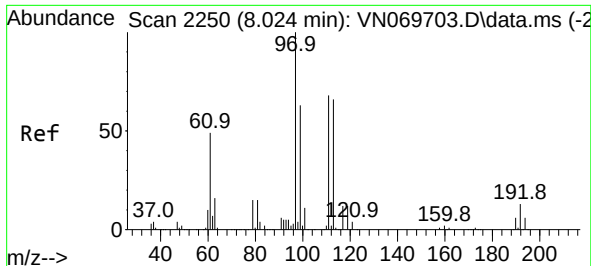
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 15.9 0.0 27.4

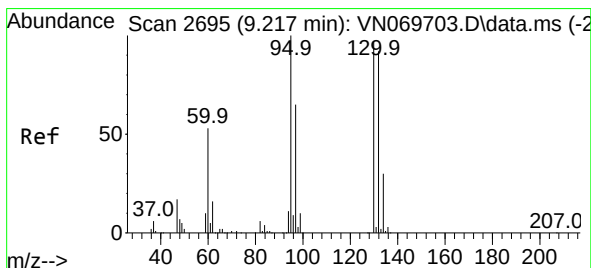
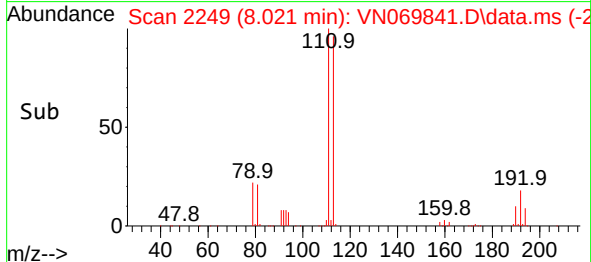
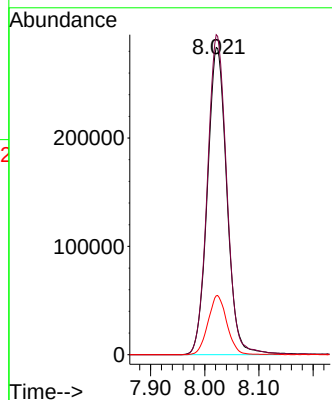
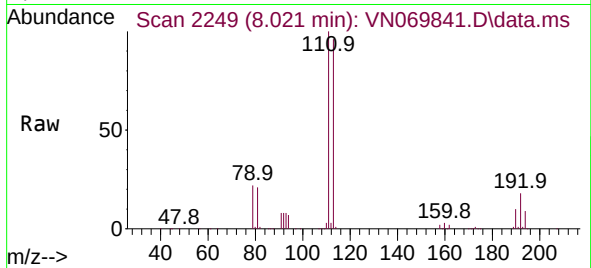




#35
 Dibromofluoromethane
 Concen: 47.651 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VN069841.D
 Acq: 8 Dec 2021 3:41

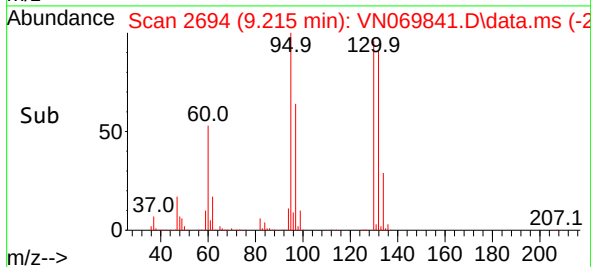
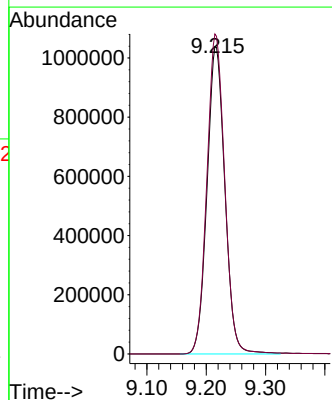
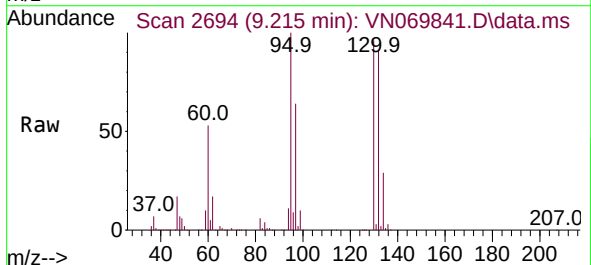
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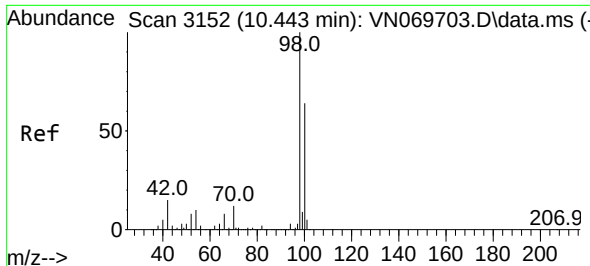
Tgt Ion:113 Resp: 707774
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 18.7 16.9 25.3



#44
 Trichloroethene
 Concen: 131.297 ug/l
 RT: 9.215 min Scan# 2694
 Delta R.T. -0.002 min
 Lab File: VN069841.D
 Acq: 8 Dec 2021 3:41

Tgt Ion:130 Resp: 2162309
 Ion Ratio Lower Upper
 130 100
 95 104.1 0.0 191.2

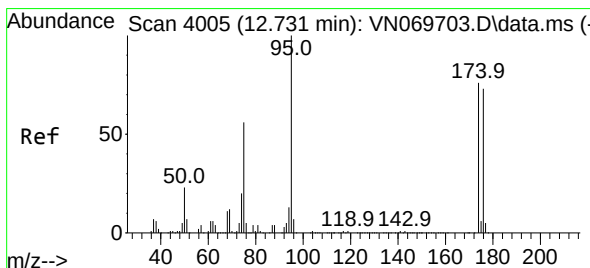
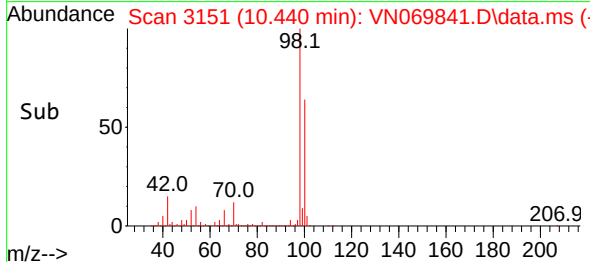
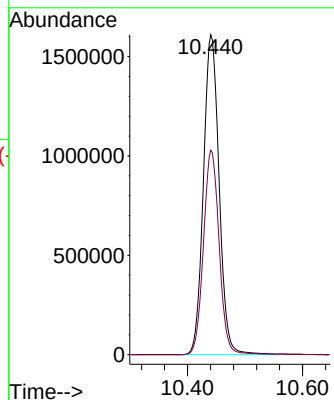
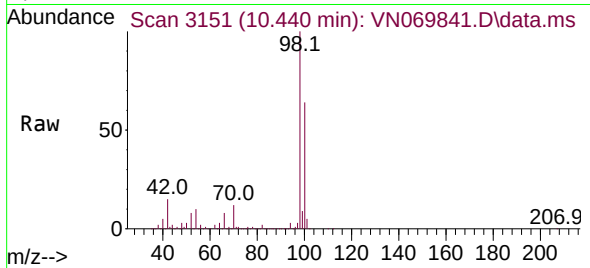




#50
Toluene-d8
Concen: 51.236 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069841.D
Acq: 8 Dec 2021 3:41

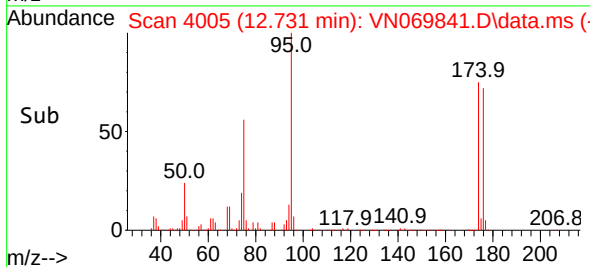
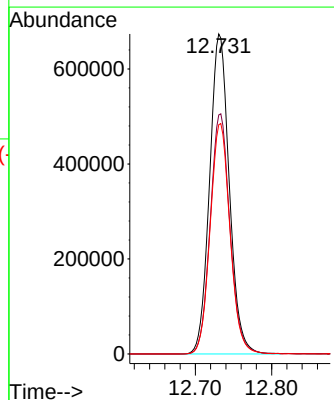
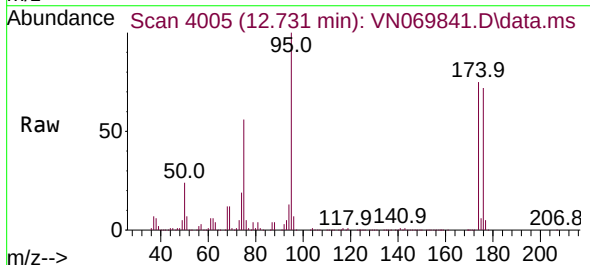
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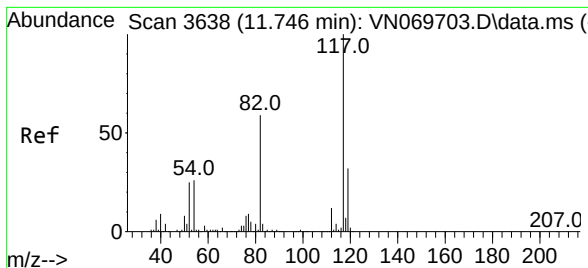
Tgt Ion: 98 Resp: 3055750
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.813 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069841.D
Acq: 8 Dec 2021 3:41

Tgt Ion: 95 Resp: 1205922
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.6 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069841.D

Acq: 8 Dec 2021 3:41

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20211206

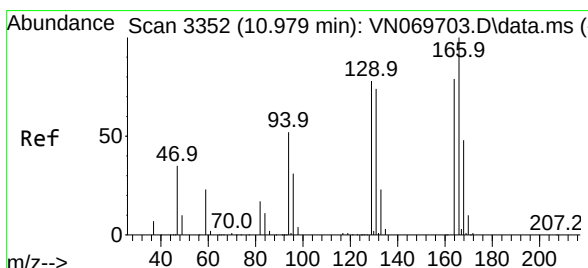
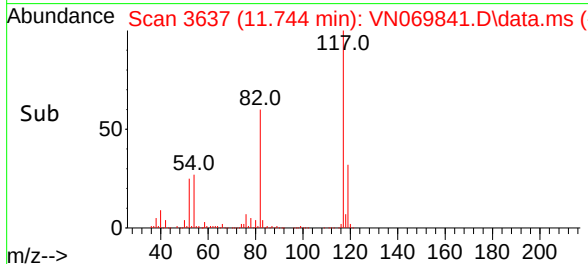
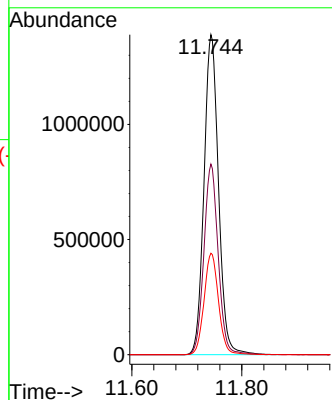
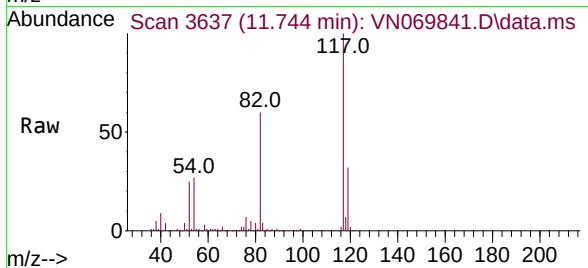
Tgt Ion:117 Resp: 2543476

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 31.7 25.4 38.2



#64

Tetrachloroethene

Concen: 5.149 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069841.D

Acq: 8 Dec 2021 3:41

Tgt Ion:164 Resp: 88801

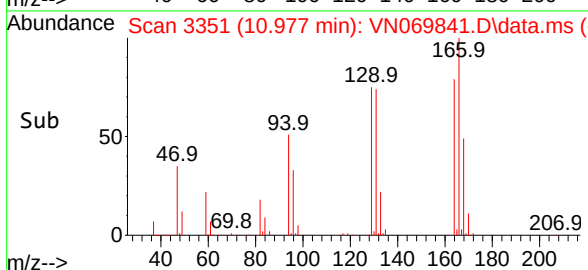
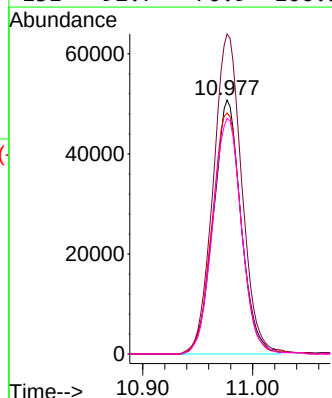
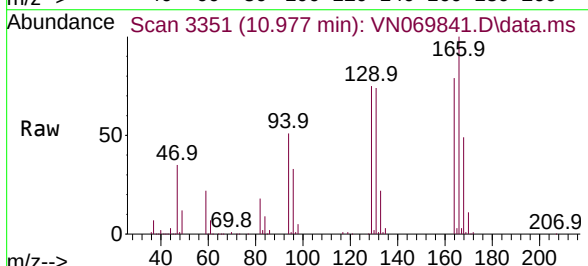
Ion Ratio Lower Upper

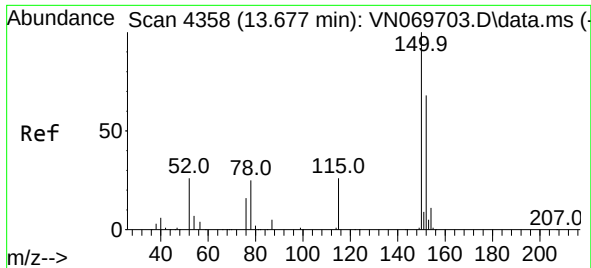
164 100

166 126.0 101.9 152.9

129 94.9 72.0 108.0

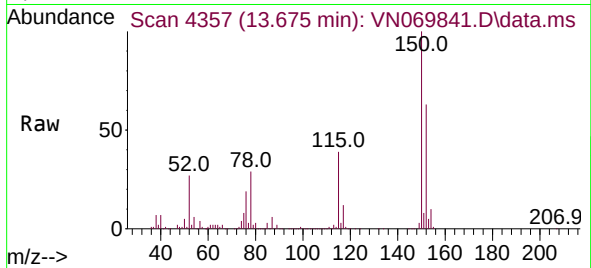
131 92.7 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069841.D
 Acq: 8 Dec 2021 3:41

Instrument :
 MSVOA_N
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 RE125D1-20211206



Tgt Ion:152 Resp: 986917
 Ion Ratio Lower Upper
 152 100
 115 60.7 27.5 82.5
 150 156.1 0.0 344.4

