

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070732.D
 Acq On : 21 Jan 2022 15:35
 Operator : JC/MD
 Sample : N1217-01 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2250

Quant Time: Jan 22 05:29:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

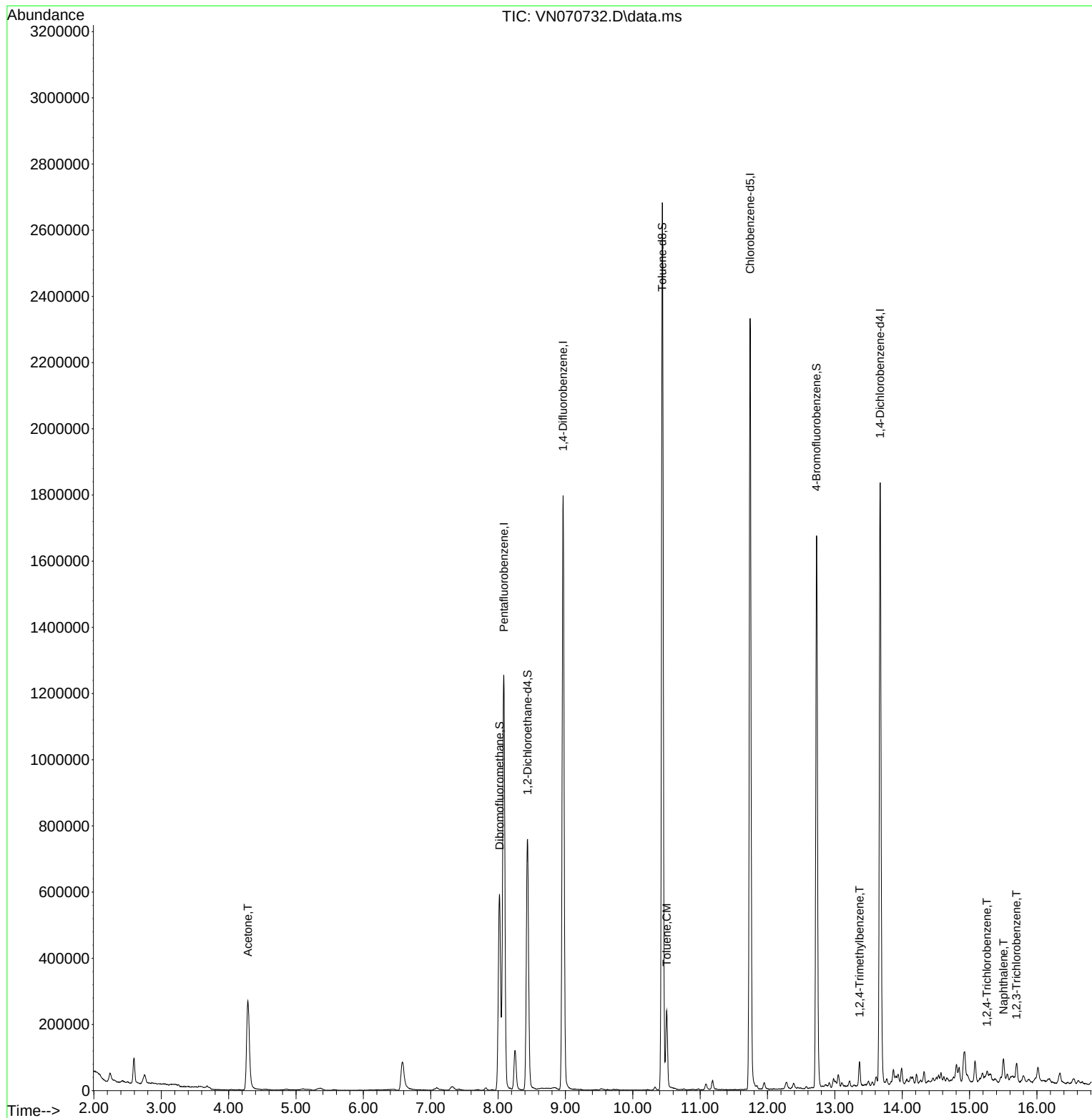
Internal Standards						
1) Pentafluorobenzene	8.086	168	962614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1526936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1342618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	498605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	649108	47.051	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.100%
35) Dibromofluoromethane	8.021	113	443328	46.806	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.620%
50) Toluene-d8	10.438	98	1881753	47.160	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.728	95	618099	43.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.940%
Target Compounds						
					Qvalue	
16) Acetone	4.285	43	523713	54.694	ug/l	97
52) Toluene	10.502	92	94919	3.212	ug/l	99
84) 1,2,4-Trimethylbenzene	13.366	105	43818	1.195	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	9881	4.424	ug/l #	85
95) Naphthalene	15.504	128	63506	7.162	ug/l	98
96) 1,2,3-Trichlorobenzene	15.694	180	11082	4.394	ug/l #	20

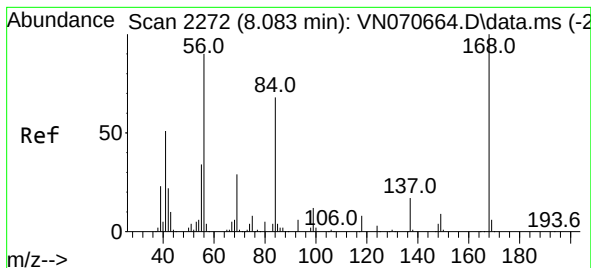
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070732.D

Acq: 21 Jan 2022 15:35

Instrument :

MSVOA_N

ClientSampleId :

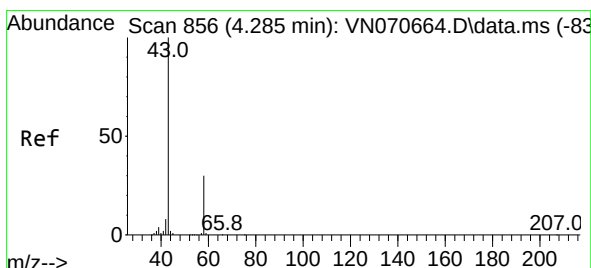
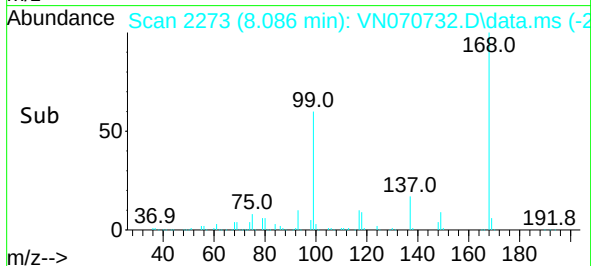
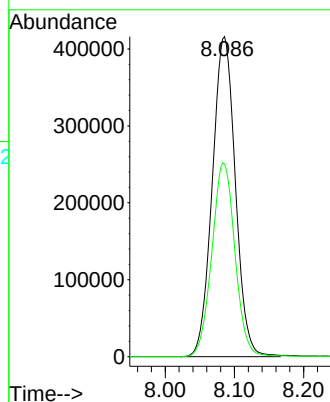
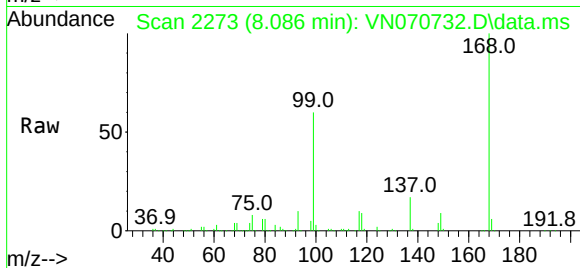
2250

Tgt Ion:168 Resp: 962614

Ion Ratio Lower Upper

168 100

99 60.2 41.3 61.9



#16

Acetone

Concen: 54.694 ug/l

RT: 4.285 min Scan# 856

Delta R.T. 0.000 min

Lab File: VN070732.D

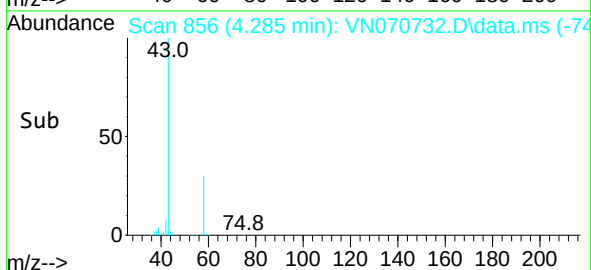
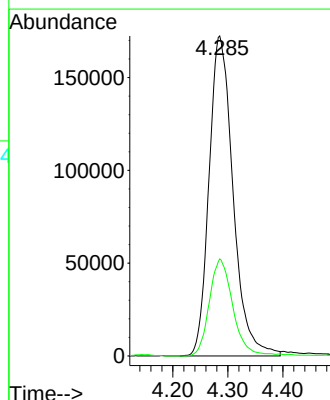
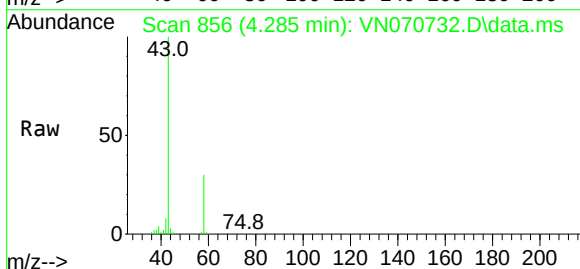
Acq: 21 Jan 2022 15:35

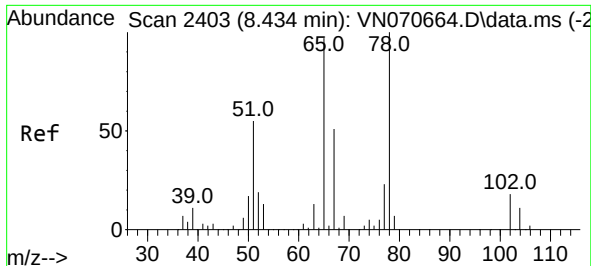
Tgt Ion: 43 Resp: 523713

Ion Ratio Lower Upper

43 100

58 30.3 23.1 34.7

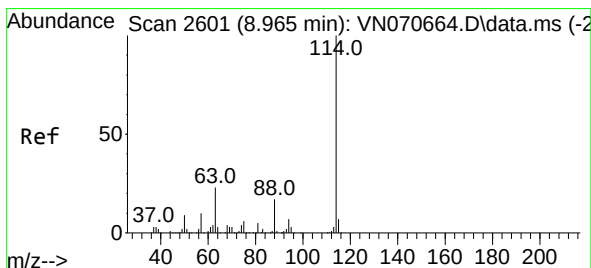
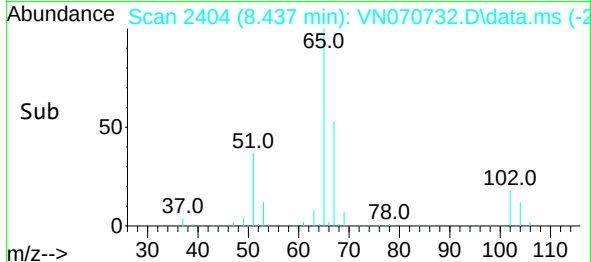
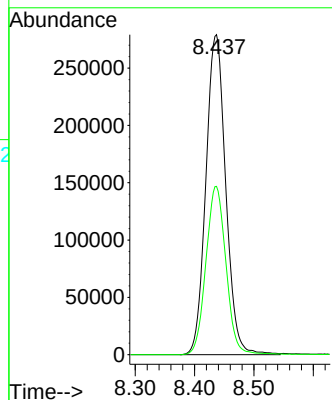
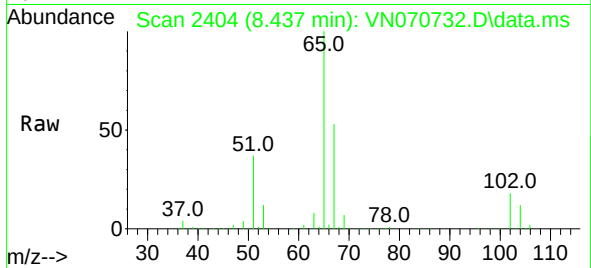




#33
 1,2-Dichloroethane-d4
 Concen: 47.051 ug/l
 RT: 8.437 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: VN070732.D
 Acq: 21 Jan 2022 15:35

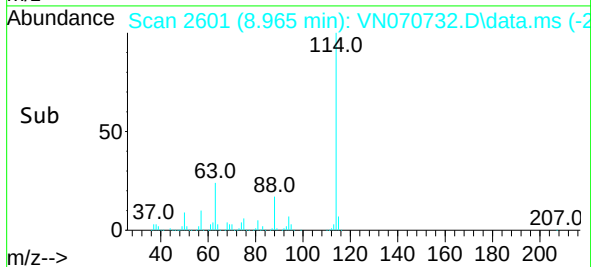
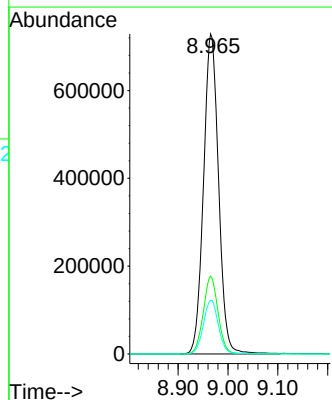
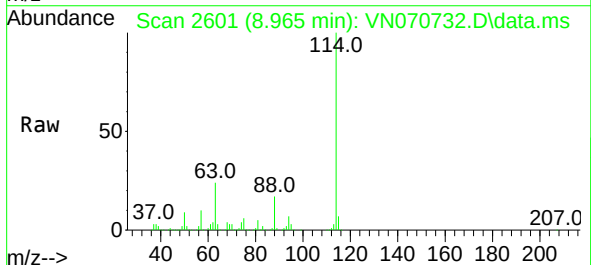
Instrument :
 MSVOA_N
 ClientSampleId :
 2250

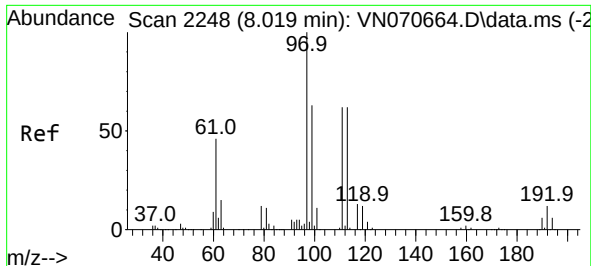
Tgt Ion: 65 Resp: 649108
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: VN070732.D
 Acq: 21 Jan 2022 15:35

Tgt Ion: 114 Resp: 1526936
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 37.8
 88 16.7 0.0 27.4

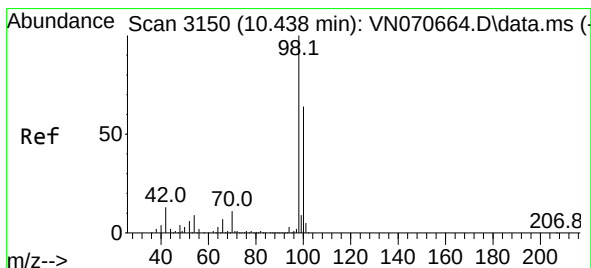
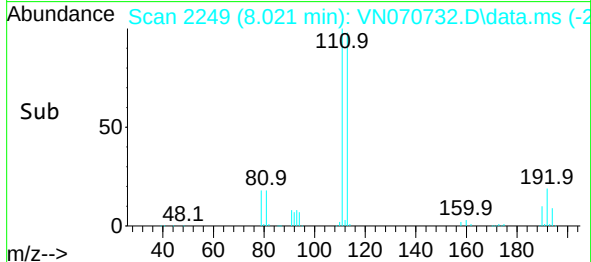
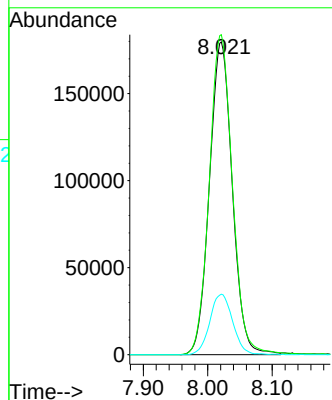
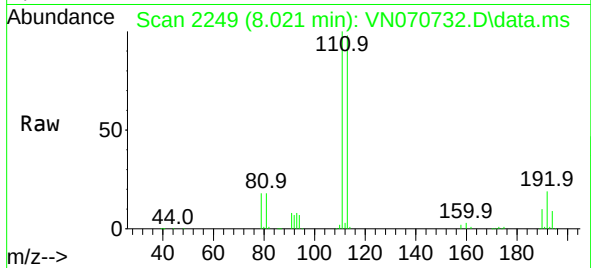




#35
Dibromofluoromethane
Concen: 46.806 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070732.D
Acq: 21 Jan 2022 15:35

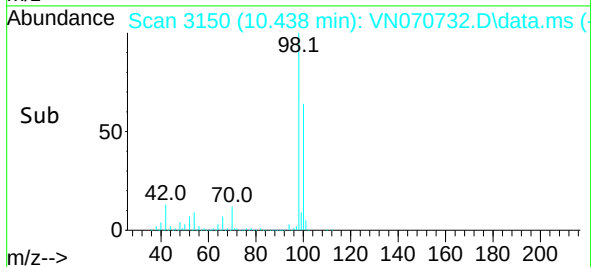
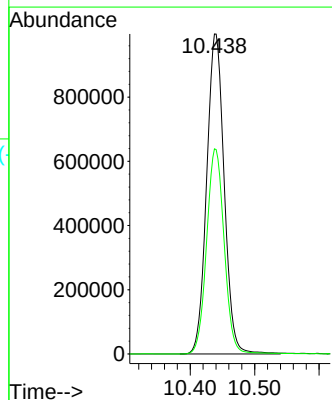
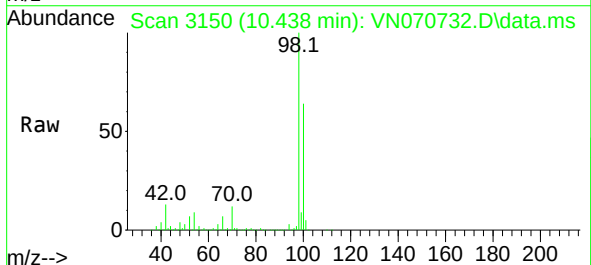
Instrument :
MSVOA_N
ClientSampleId :
2250

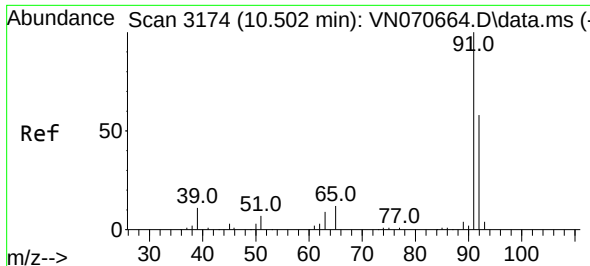
Tgt Ion:113 Resp: 443328
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 47.160 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070732.D
Acq: 21 Jan 2022 15:35

Tgt Ion: 98 Resp: 1881753
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

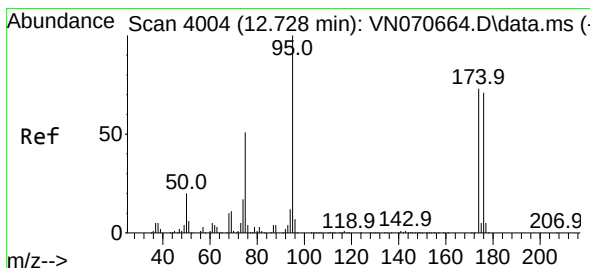
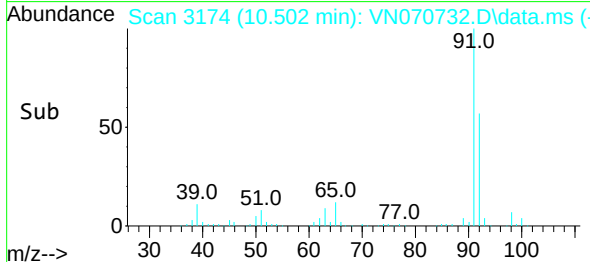
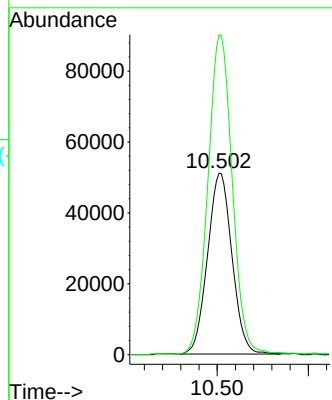
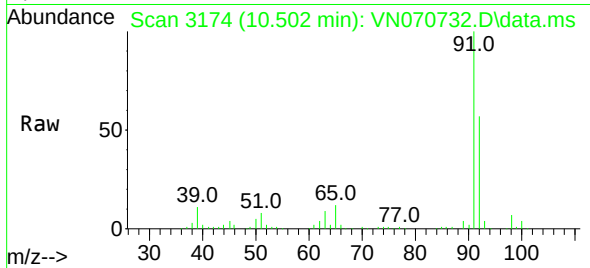




#52
Toluene
Concen: 3.212 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070732.D
Acq: 21 Jan 2022 15:35

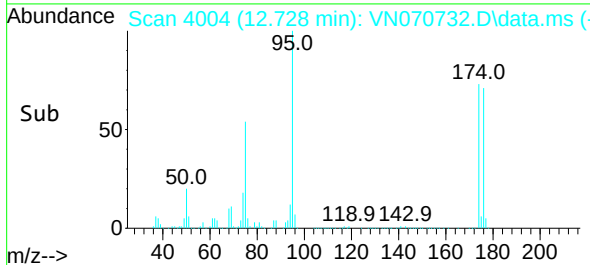
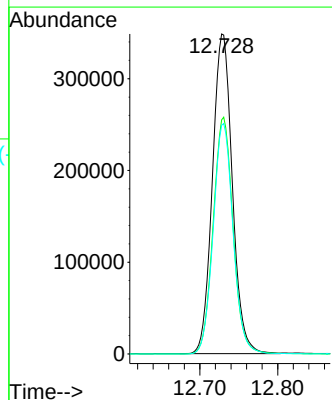
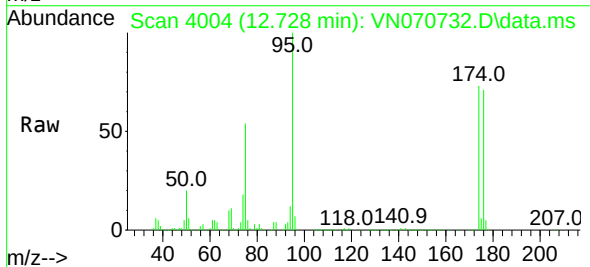
Instrument :
MSVOA_N
ClientSampleId :
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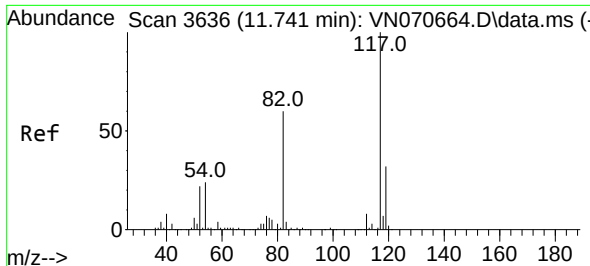
Tgt Ion: 92 Resp: 94919
Ion Ratio Lower Upper
92 100
91 176.1 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 43.471 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070732.D
Acq: 21 Jan 2022 15:35

Tgt Ion: 95 Resp: 618099
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.9 0.0 181.4

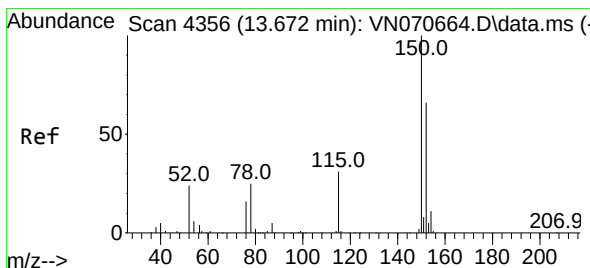
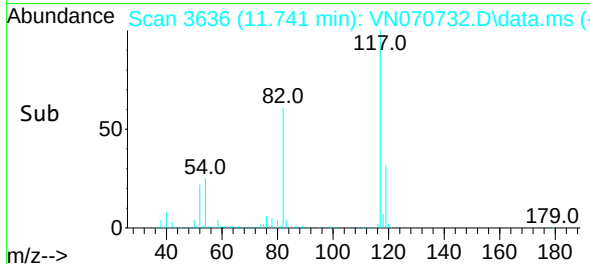
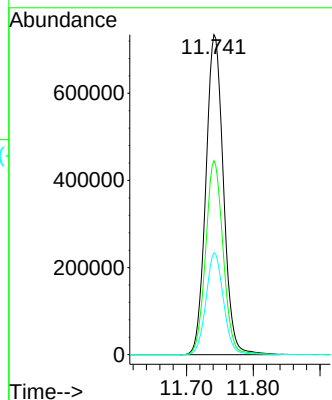
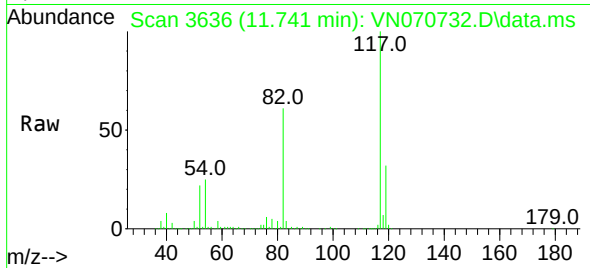




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070732.D
Acq: 21 Jan 2022 15:35

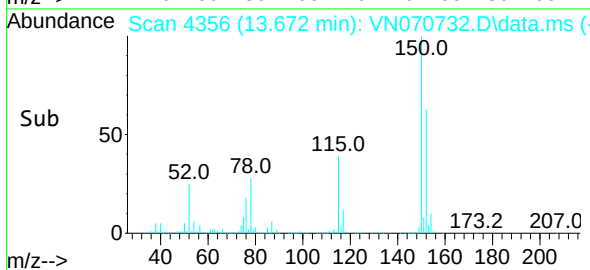
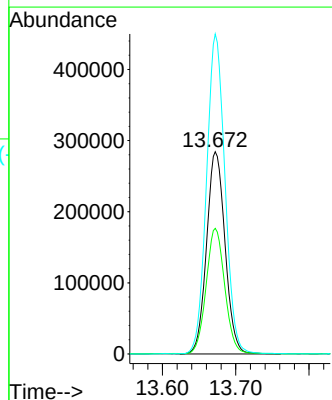
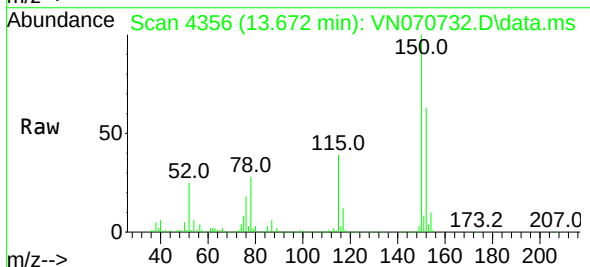
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ClientSampleId :
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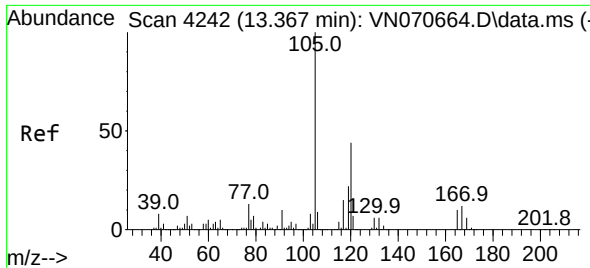
Tgt Ion:117 Resp: 1342618
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070732.D
Acq: 21 Jan 2022 15:35

Tgt Ion:152 Resp: 498605
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 157.0 0.0 344.4

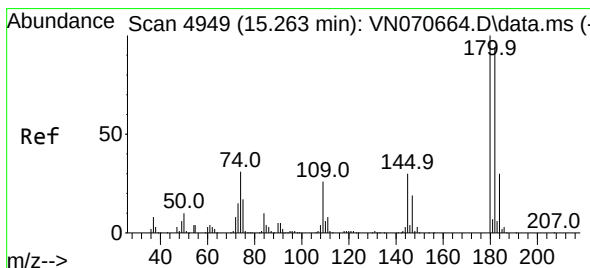
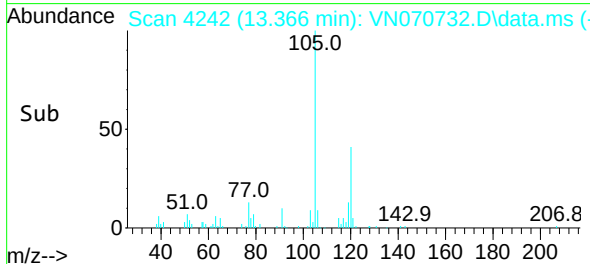
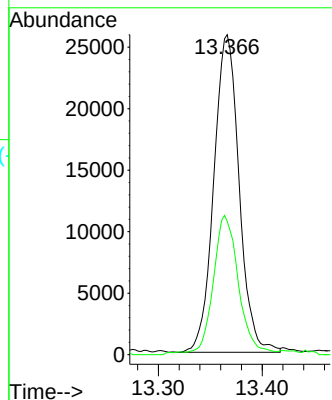
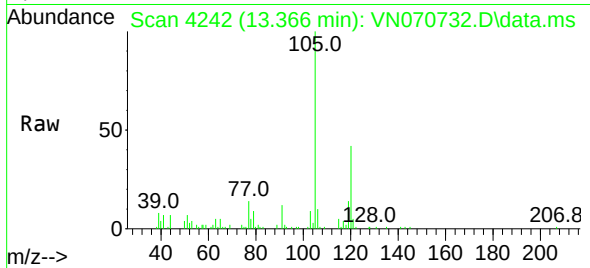




#84
 1,2,4-Trimethylbenzene
 Concen: 1.195 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070732.D
 Acq: 21 Jan 2022 15:35

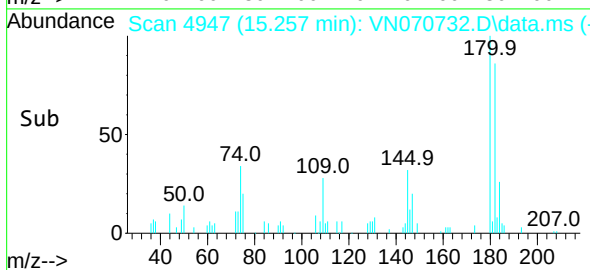
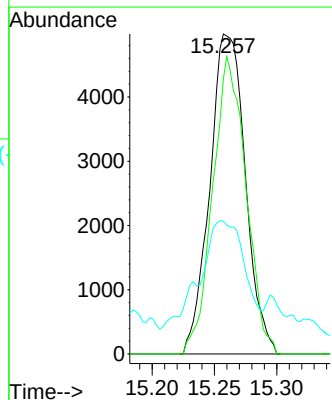
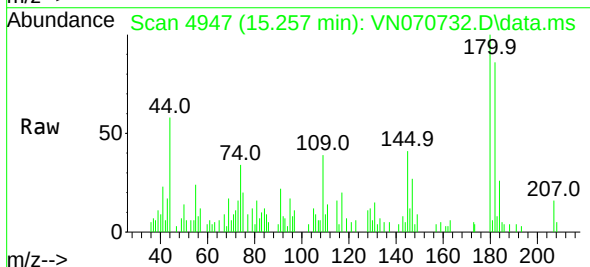
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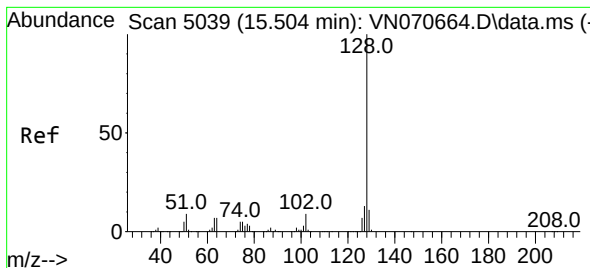
Tgt Ion:105 Resp: 43818
 Ion Ratio Lower Upper
 105 100
 120 41.3 22.8 68.4



#93
 1,2,4-Trichlorobenzene
 Concen: 4.424 ug/l
 RT: 15.257 min Scan# 4947
 Delta R.T. -0.006 min
 Lab File: VN070732.D
 Acq: 21 Jan 2022 15:35

Tgt Ion:180 Resp: 9881
 Ion Ratio Lower Upper
 180 100
 182 86.9 48.3 144.9
 145 46.4 14.5 43.5#





#95

Naphthalene

Concen: 7.162 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.000 min

Lab File: VN070732.D

Acq: 21 Jan 2022 15:35

Instrument :

MSVOA_N

ClientSampleId :

2250

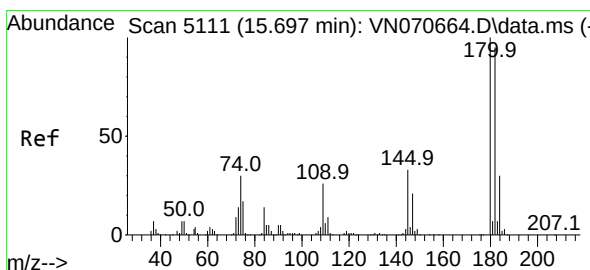
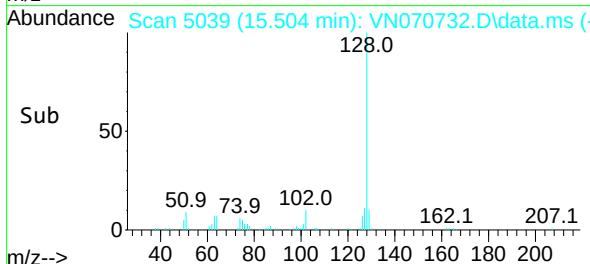
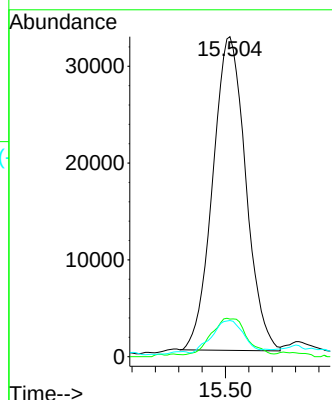
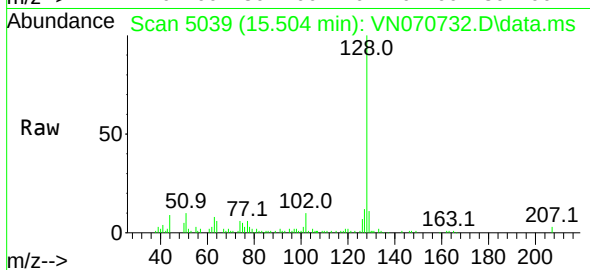
Tgt Ion:128 Resp: 63506

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 9.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.394 ug/l

RT: 15.694 min Scan# 5110

Delta R.T. -0.003 min

Lab File: VN070732.D

Acq: 21 Jan 2022 15:35

Tgt Ion:180 Resp: 11082

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.2#

145 16.6 15.0 45.1

