

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072941.D
 Acq On : 18 Jun 2022 15:45
 Operator : JC\MD
 Sample : N3304-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-6-G

Quant Time: Jun 20 08:05:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

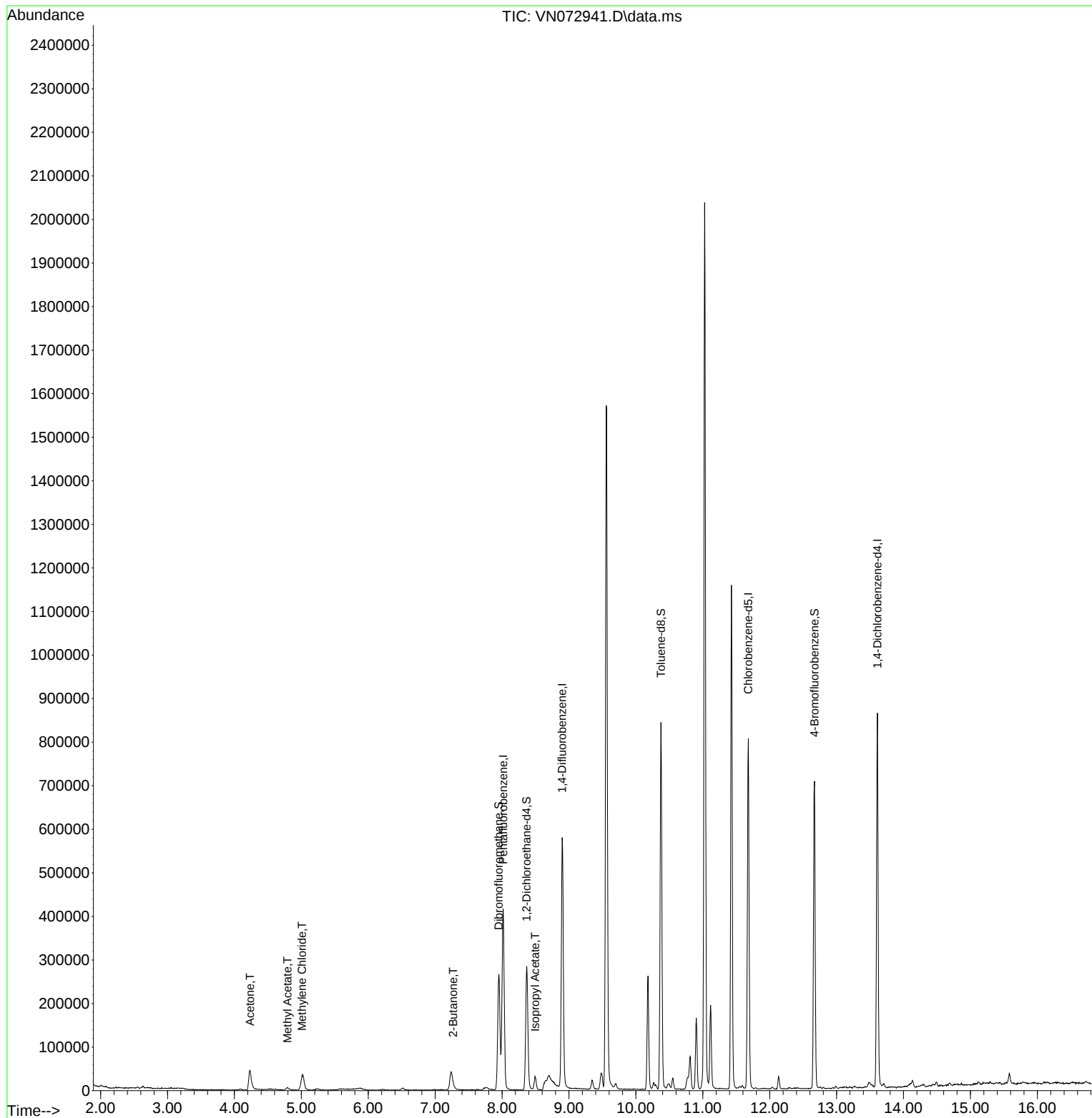
Internal Standards						
1) Pentafluorobenzene	8.016	168	321564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	519218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	467623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	233191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	239098	54.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.000%
35) Dibromofluoromethane	7.951	113	198375	61.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.620%
50) Toluene-d8	10.374	98	580673	48.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.668	95	249155	58.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.040%
Target Compounds						
						Qvalue
16) Acetone	4.234	43	87533	36.628	ug/l	88
18) Methyl Acetate	4.792	43	11121	1.748	ug/l	90
20) Methylene Chloride	5.010	84	28772	7.557	ug/l	93
25) 2-Butanone	7.269	43	13937	3.675	ug/l #	86
43) Isopropyl Acetate	8.492	43	35892	3.615	ug/l #	87

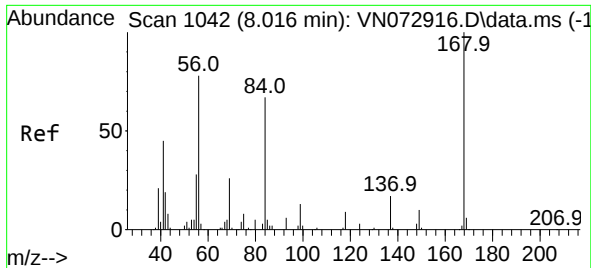
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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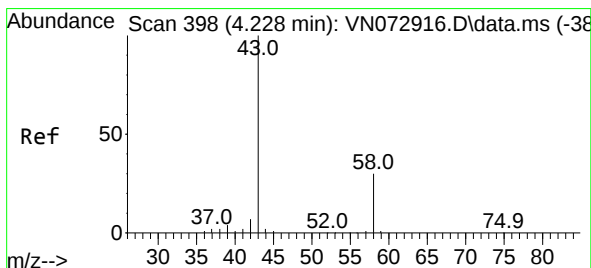
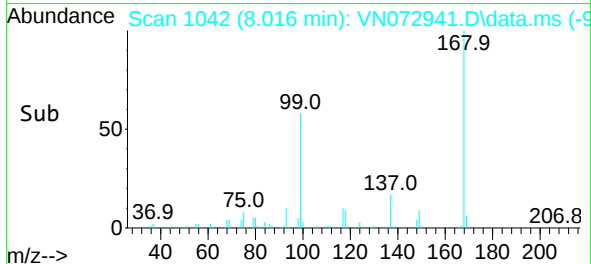
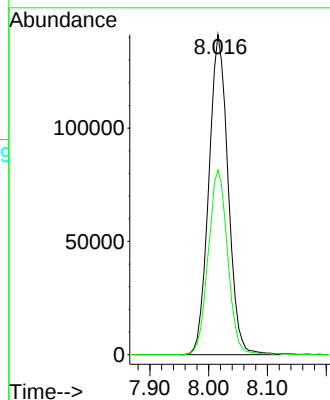
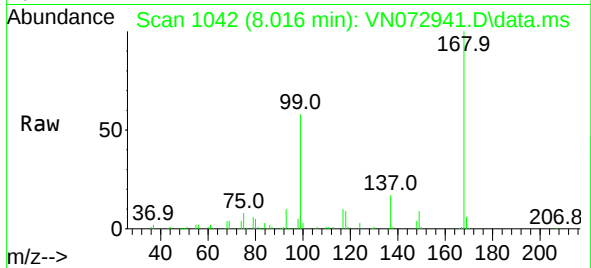




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

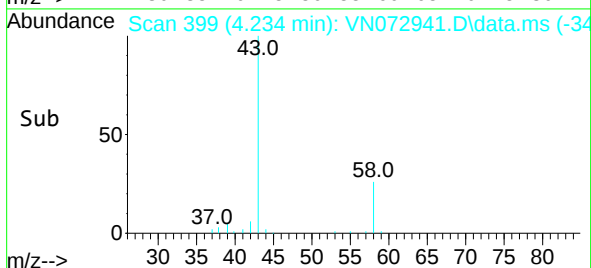
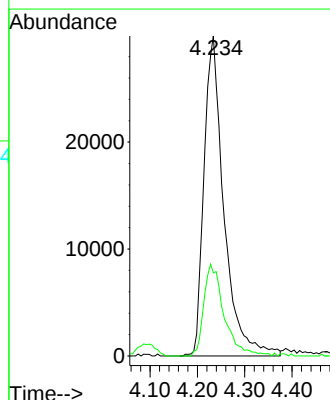
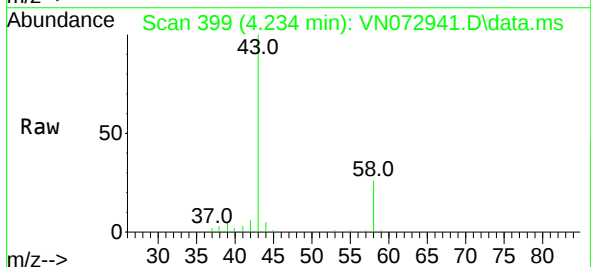
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-6-G

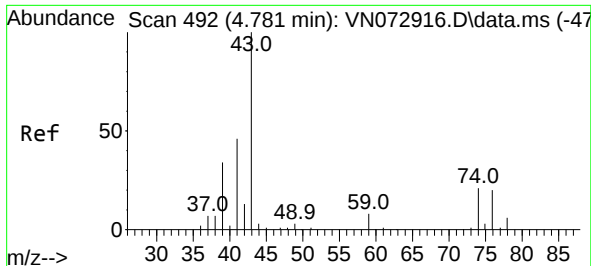
Tgt Ion:168 Resp: 321564
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#16
Acetone
Concen: 36.628 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

Tgt Ion: 43 Resp: 87533
Ion Ratio Lower Upper
43 100
58 26.0 26.0 39.0

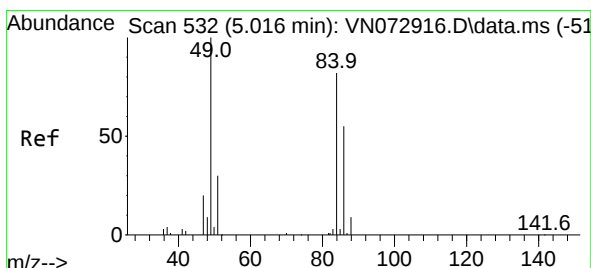
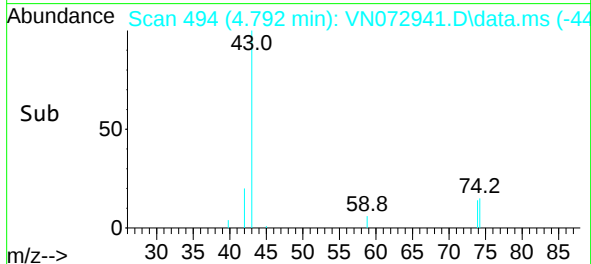
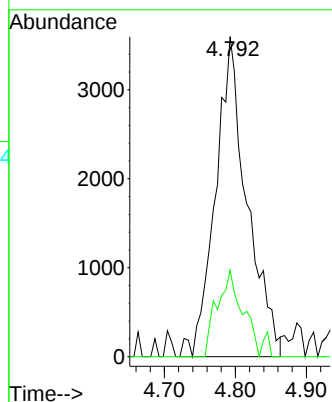
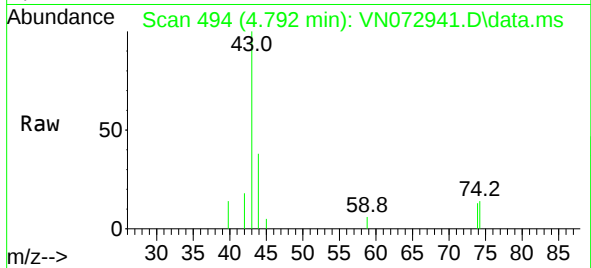




#18
Methyl Acetate
Concen: 1.748 ug/l
RT: 4.792 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

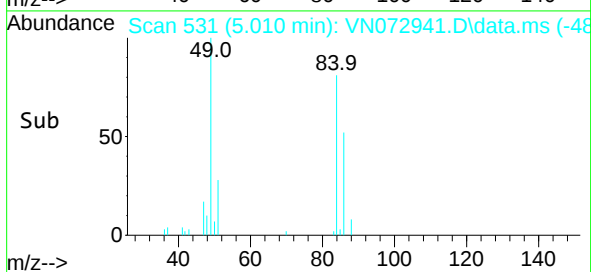
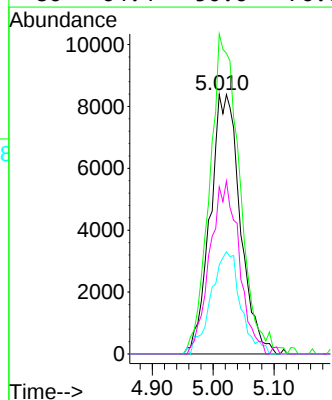
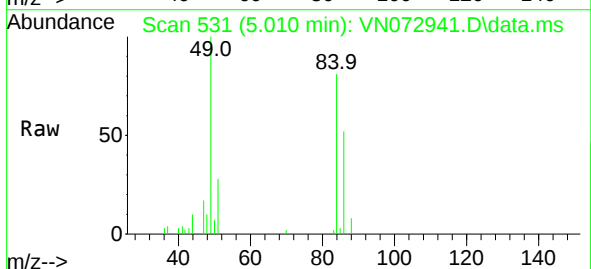
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-6-G

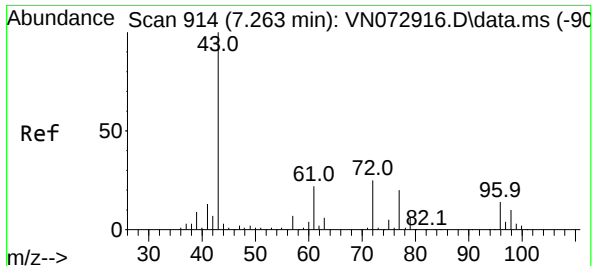
Tgt Ion: 43 Resp: 11121
Ion Ratio Lower Upper
43 100
74 21.7 21.6 32.4



#20
Methylene Chloride
Concen: 7.557 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

Tgt Ion: 84 Resp: 28772
Ion Ratio Lower Upper
84 100
49 123.3 88.3 132.5
51 34.4 28.2 42.2
86 64.4 50.6 76.0





#25

2-Butanone

Concen: 3.675 ug/l

RT: 7.269 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN072941.D

Acq: 18 Jun 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

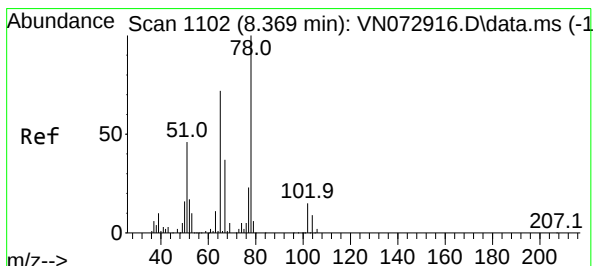
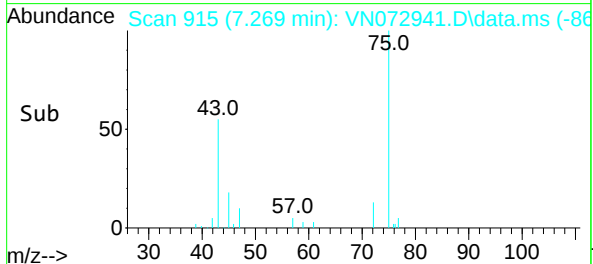
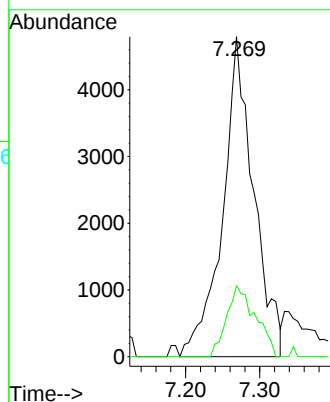
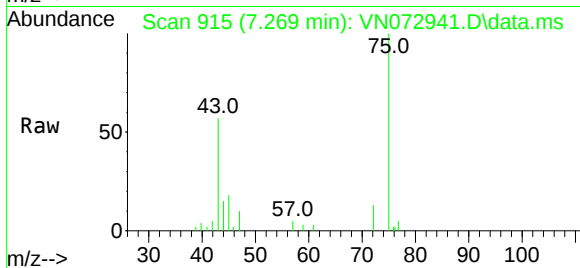
WC-14A-1A-6-G

Tgt Ion: 43 Resp: 13937

Ion Ratio Lower Upper

43 100

72 22.2 23.7 35.5#



#33

1,2-Dichloroethane-d4

Concen: 54.997 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN072941.D

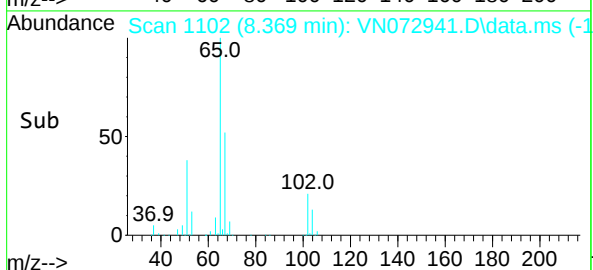
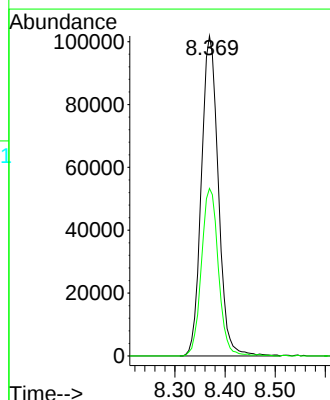
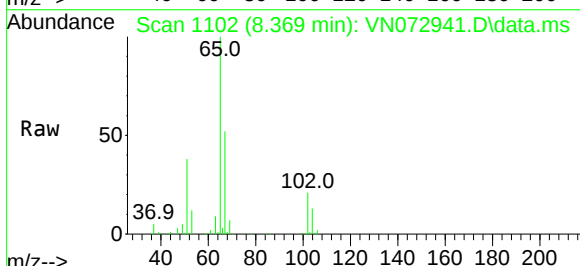
Acq: 18 Jun 2022 15:45

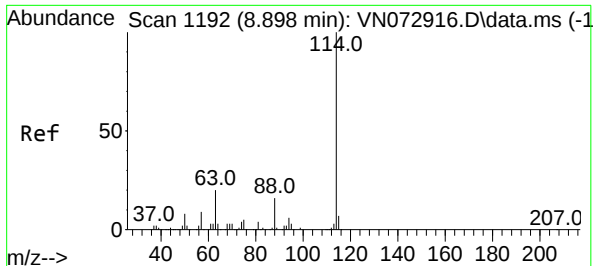
Tgt Ion: 65 Resp: 239098

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VN072941.D

Acq: 18 Jun 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-6-G

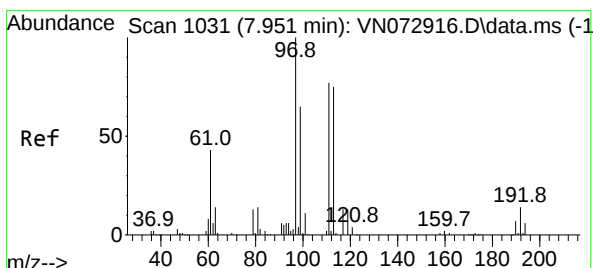
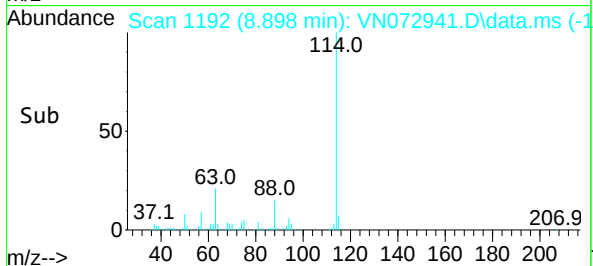
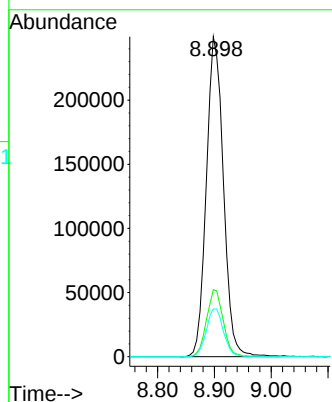
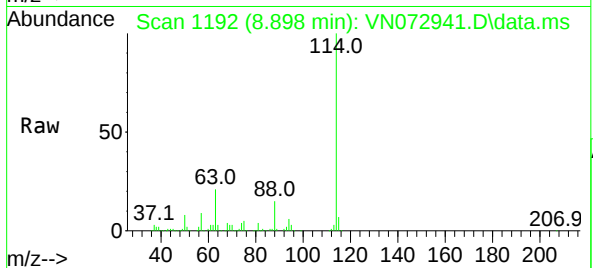
Tgt Ion:114 Resp: 519218

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 61.814 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN072941.D

Acq: 18 Jun 2022 15:45

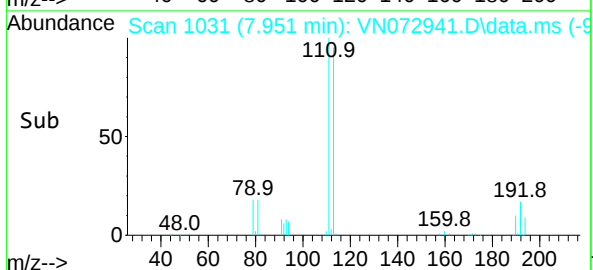
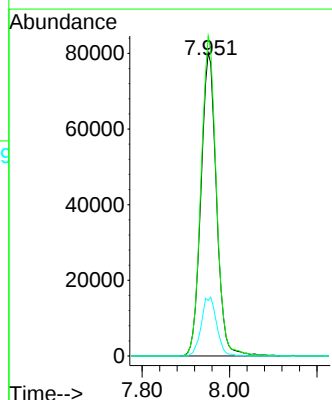
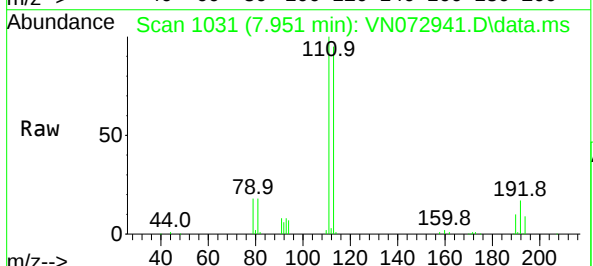
Tgt Ion:113 Resp: 198375

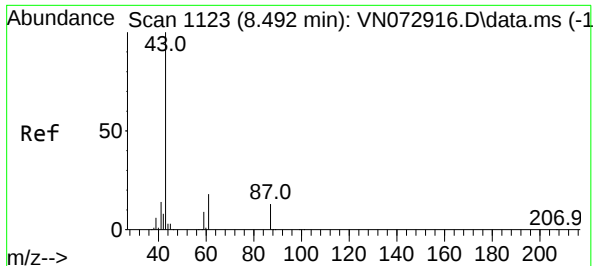
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 19.3 17.0 25.6

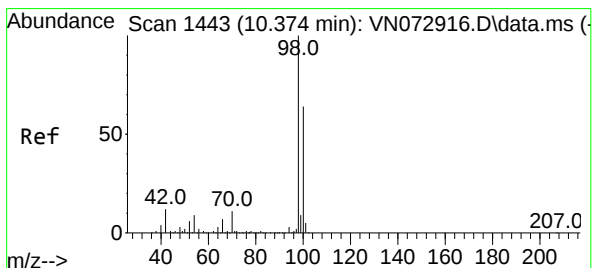
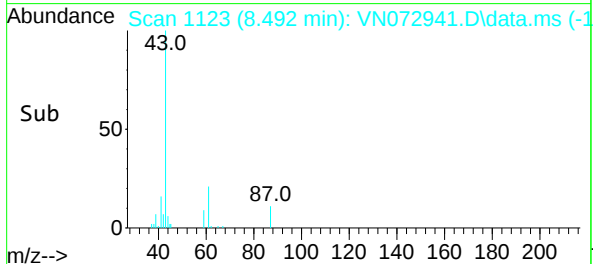
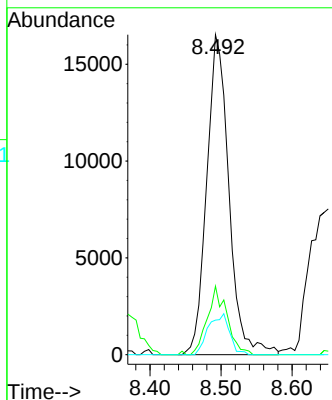
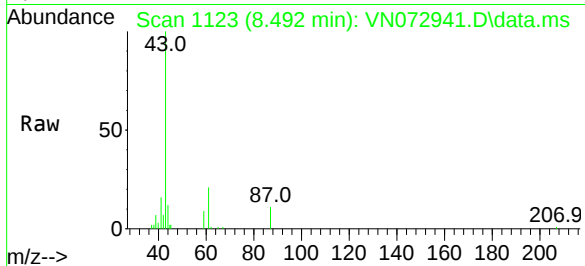




#43
Isopropyl Acetate
Concen: 3.615 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

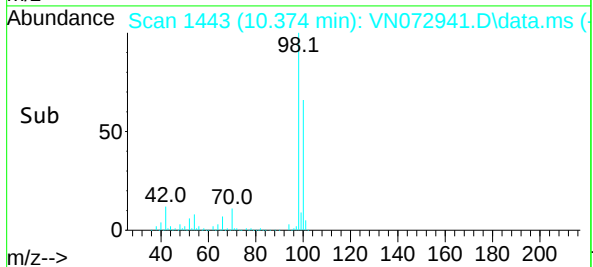
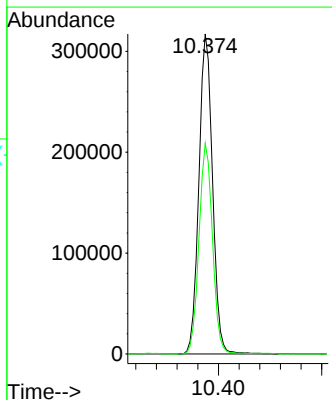
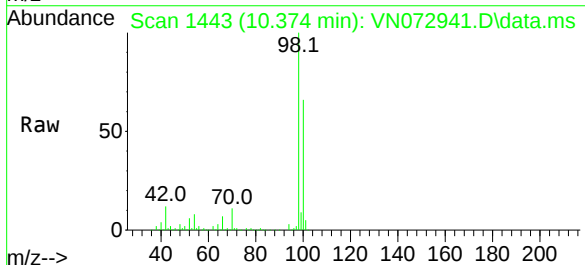
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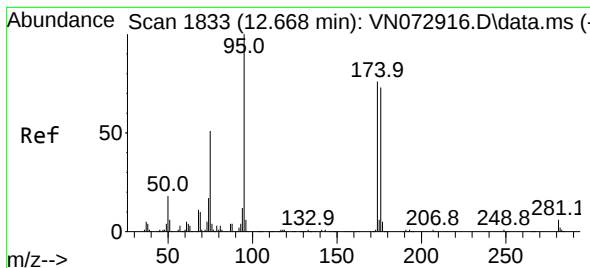
Tgt Ion: 43 Resp: 35892
Ion Ratio Lower Upper
43 100
61 19.0 21.9 32.9#
87 12.2 12.0 18.0



#50
Toluene-d8
Concen: 48.626 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

Tgt Ion: 98 Resp: 580673
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

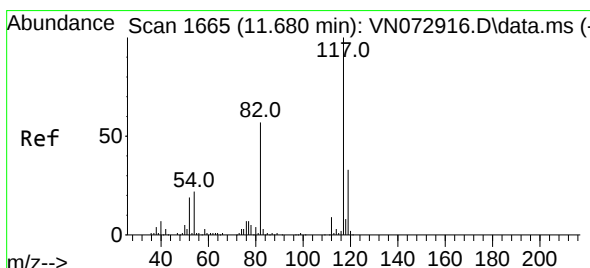
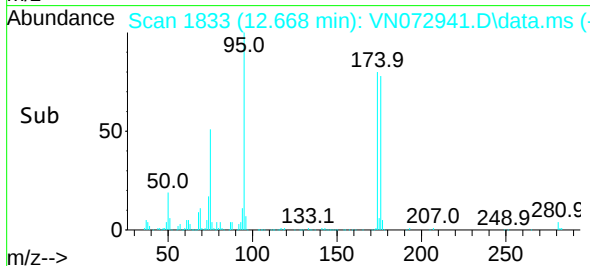
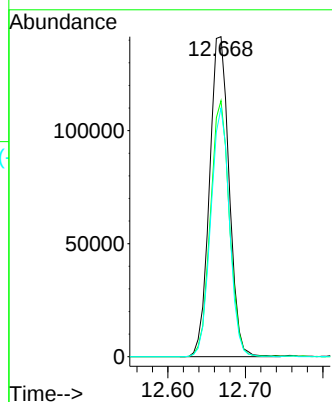
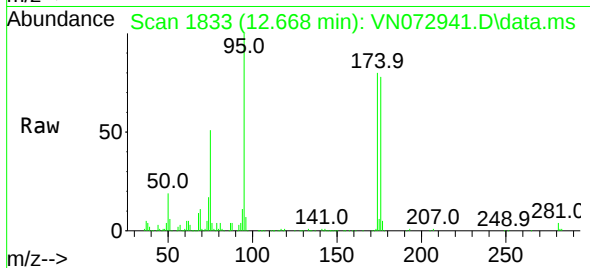




#62
4-Bromofluorobenzene
Concen: 58.023 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

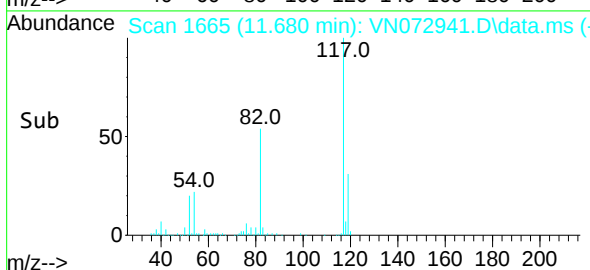
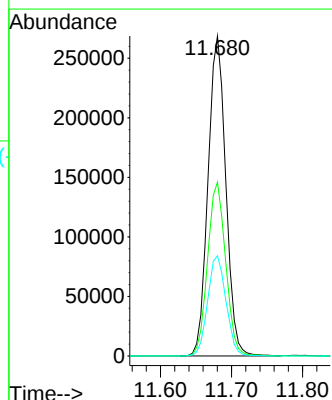
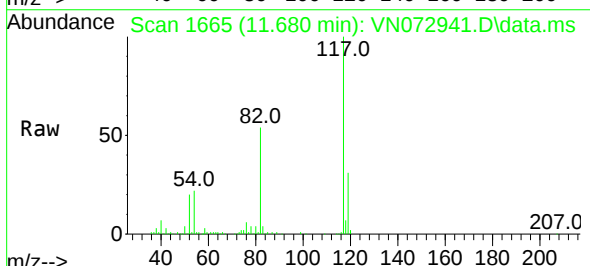
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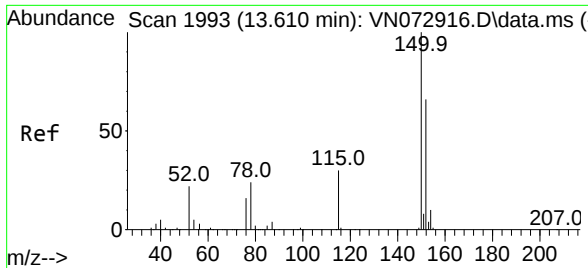
Tgt Ion: 95 Resp: 249155
Ion Ratio Lower Upper
95 100
174 77.3 0.0 167.6
176 74.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN072941.D
Acq: 18 Jun 2022 15:45

Tgt Ion: 117 Resp: 467623
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN072941.D
 Acq: 18 Jun 2022 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-6-G

Tgt Ion:152 Resp: 233191
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.7
 150 154.5 0.0 356.2

