

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072601.D
 Acq On : 24 May 2022 21:19
 Operator : JC\MD
 Sample : N2968-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-45

Quant Time: May 25 09:22:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

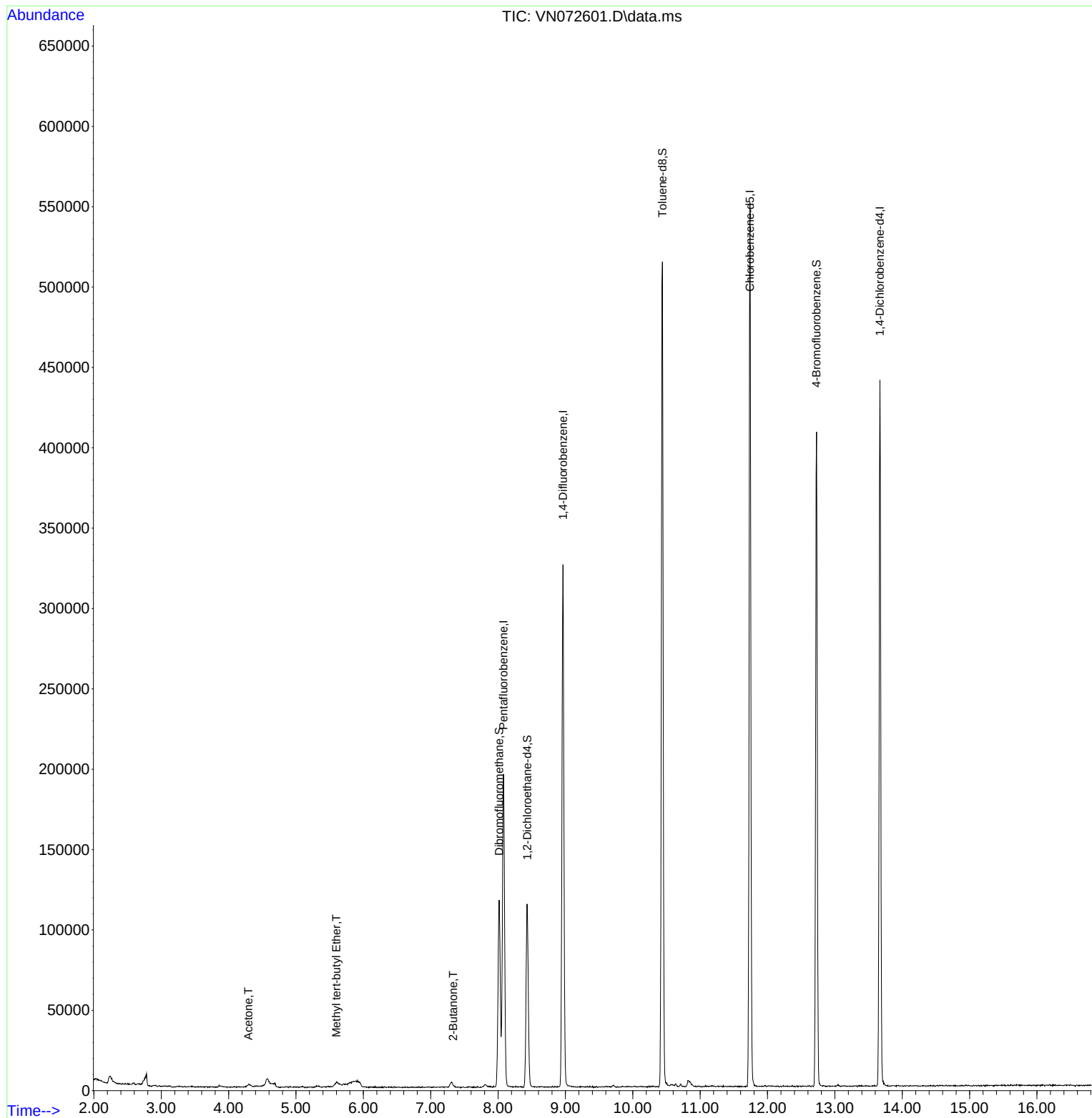
Internal Standards						
1) Pentafluorobenzene	8.081	168	159755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	290736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	326873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	125770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	92308	50.796	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.600%
35) Dibromofluoromethane	8.016	113	85058	45.139	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.280%
50) Toluene-d8	10.439	98	368395	51.201	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.727	95	139651	59.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.360%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	2184	2.445	ug/l #	82
19) Methyl tert-butyl Ether	5.598	73	2282	0.458	ug/l #	54
25) 2-Butanone	7.334	43	1219	0.809	ug/l #	45

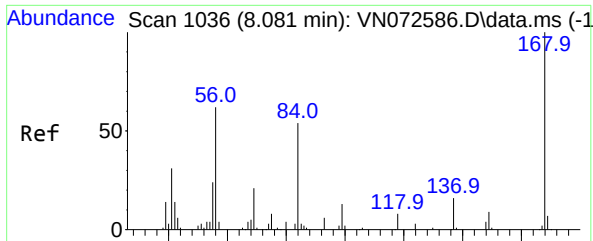
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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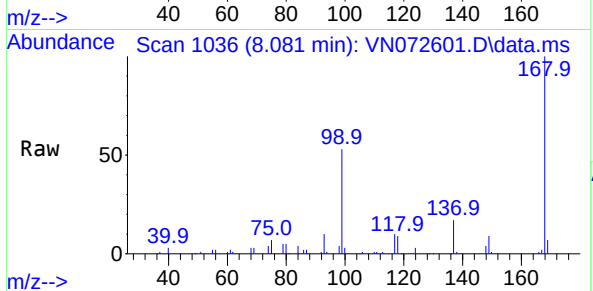
Quant Time: May 25 09:22:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
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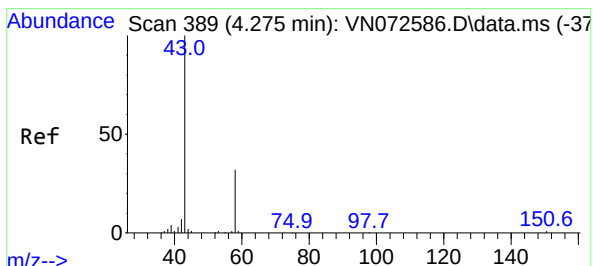
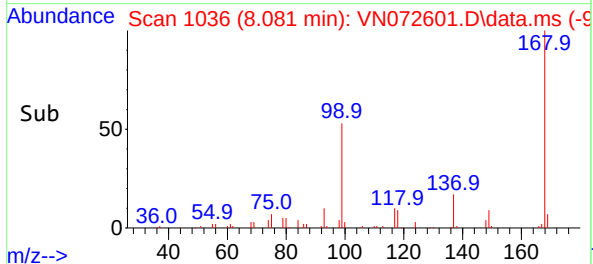
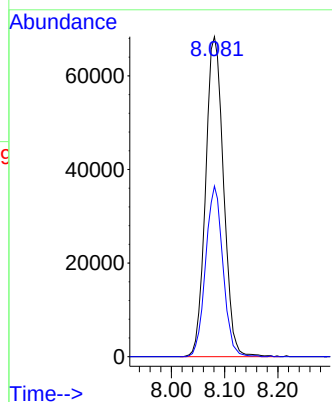


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072601.D
Acq: 24 May 2022 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-45

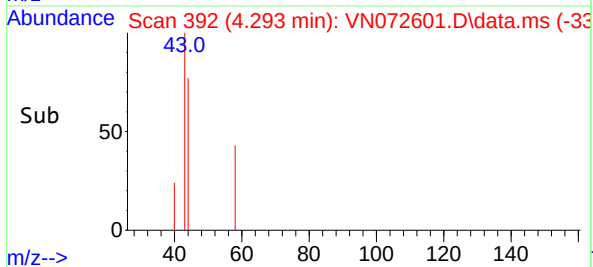
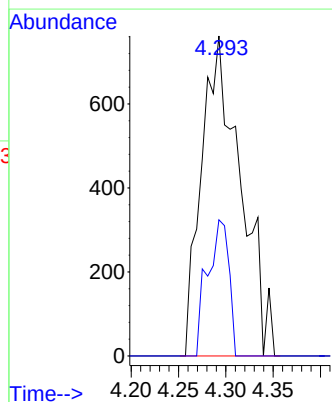
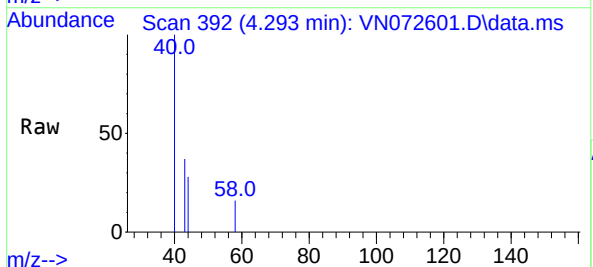


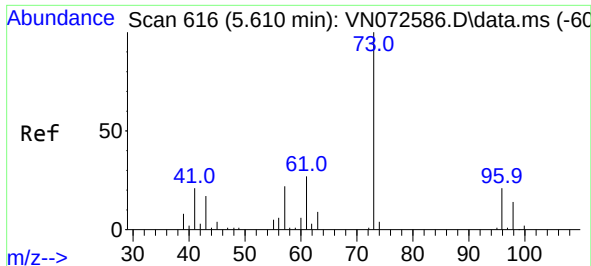
Tgt Ion:168 Resp: 159755
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#16
Acetone
Concen: 2.445 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072601.D
Acq: 24 May 2022 21:19

Tgt Ion: 43 Resp: 2184
Ion Ratio Lower Upper
43 100
58 42.5 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 0.458 ug/l

RT: 5.598 min Scan# 616

Delta R.T. -0.012 min

Lab File: VN072601.D

Acq: 24 May 2022 21:19

Instrument :

MSVOA_N

ClientSampleId :

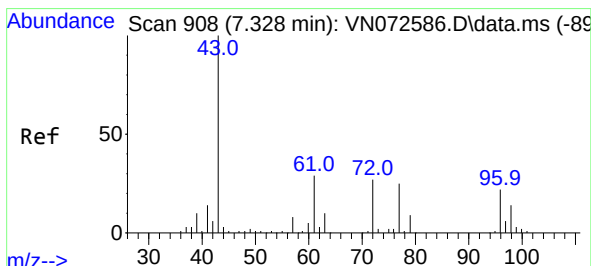
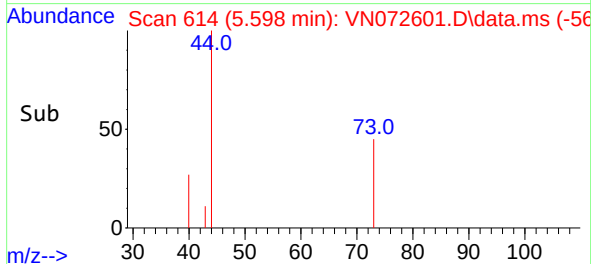
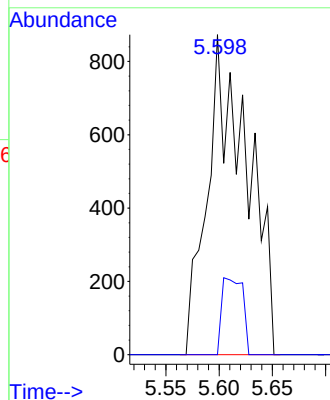
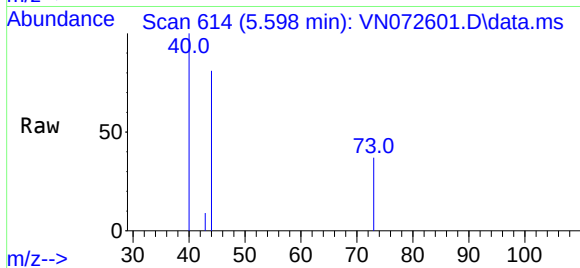
MW-45

Tgt Ion: 73 Resp: 2282

Ion Ratio Lower Upper

73 100

57 0.0 17.6 26.4#



#25

2-Butanone

Concen: 0.809 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN072601.D

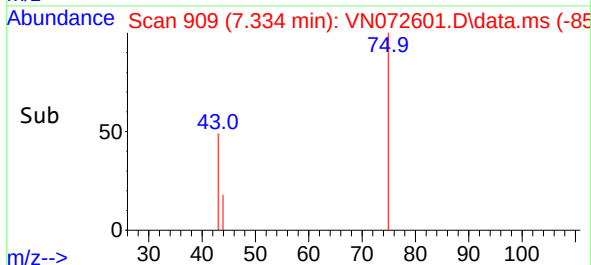
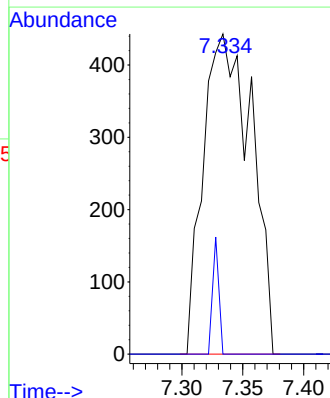
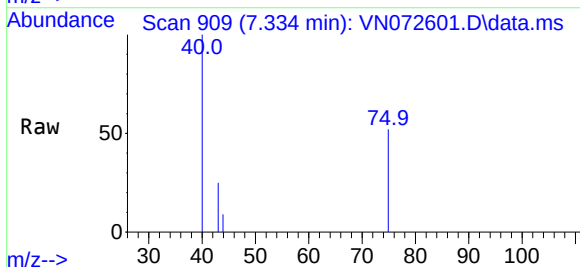
Acq: 24 May 2022 21:19

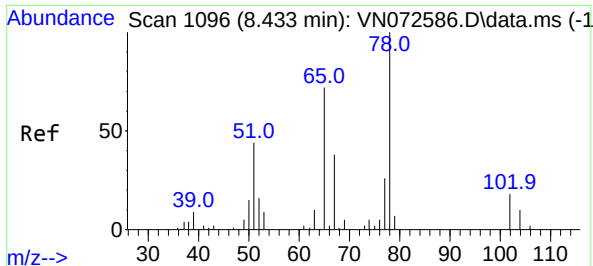
Tgt Ion: 43 Resp: 1219

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 50.796 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072601.D

Acq: 24 May 2022 21:19

Instrument :

MSVOA_N

ClientSampleId :

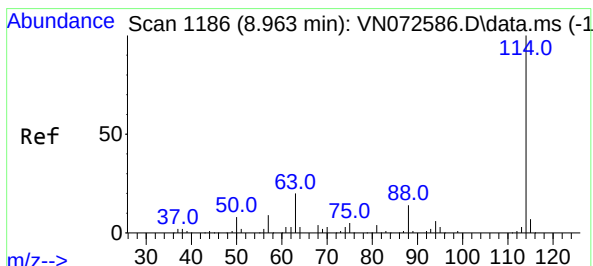
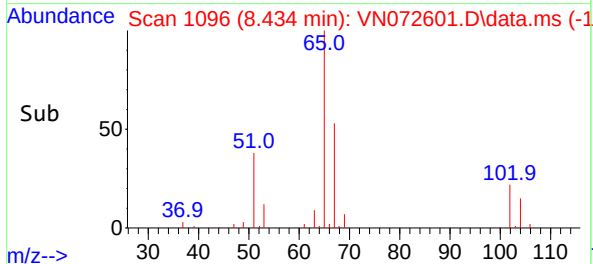
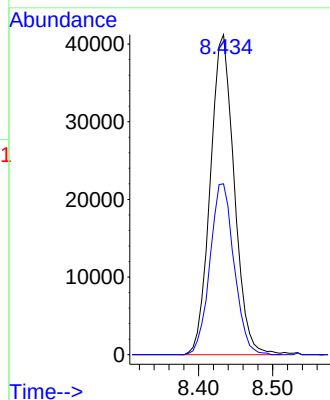
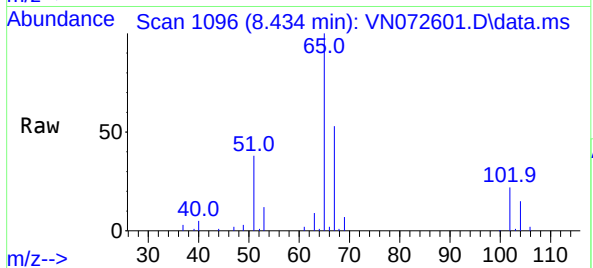
MW-45

Tgt Ion: 65 Resp: 92308

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072601.D

Acq: 24 May 2022 21:19

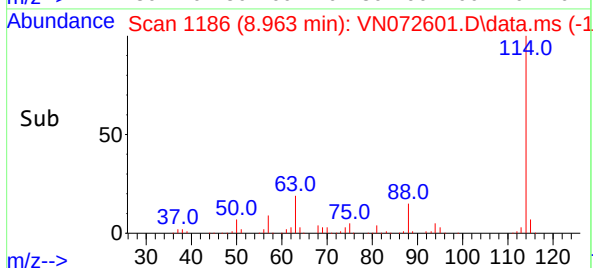
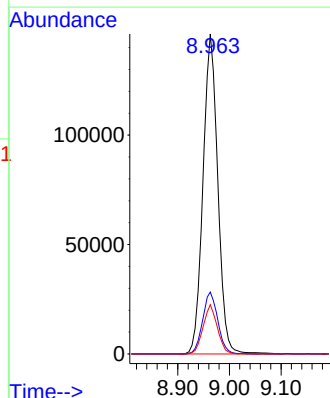
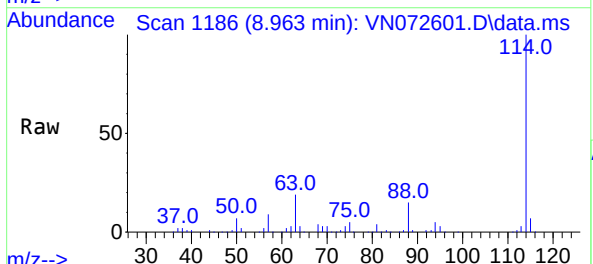
Tgt Ion:114 Resp: 290736

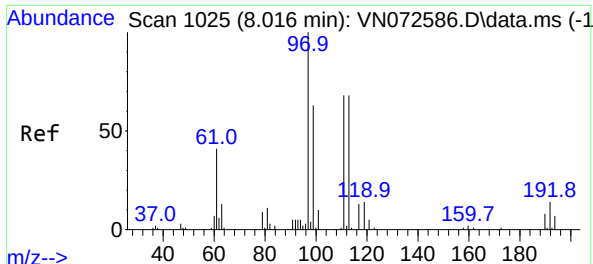
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.4 0.0 32.6

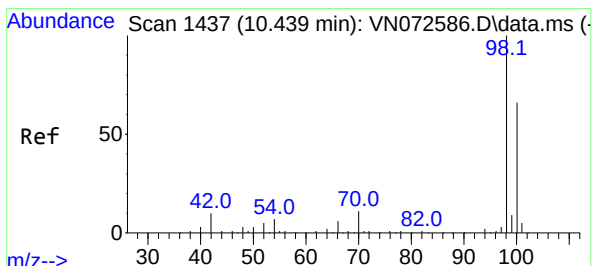
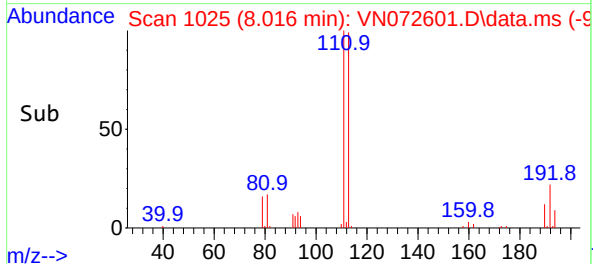
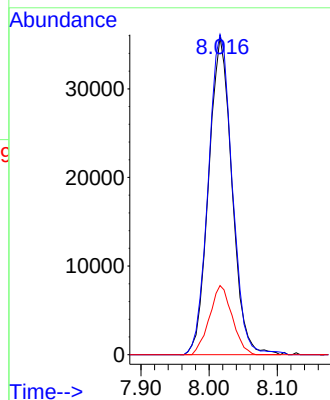
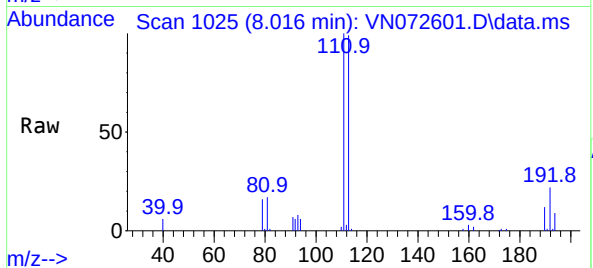




#35
Dibromofluoromethane
Concen: 45.139 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072601.D
Acq: 24 May 2022 21:19

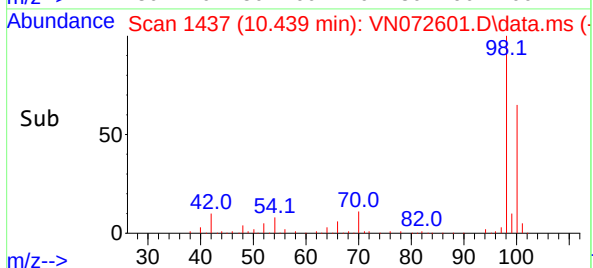
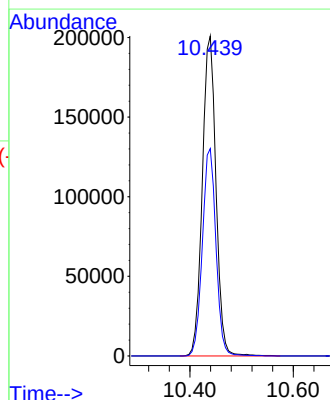
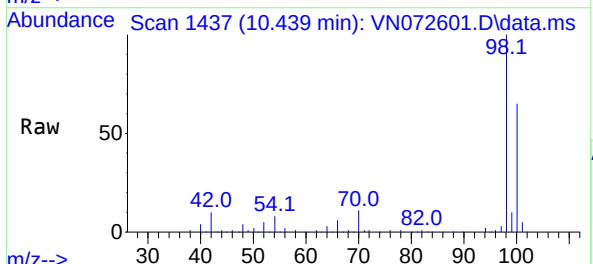
Instrument :
MSVOA_N
ClientSampleId :
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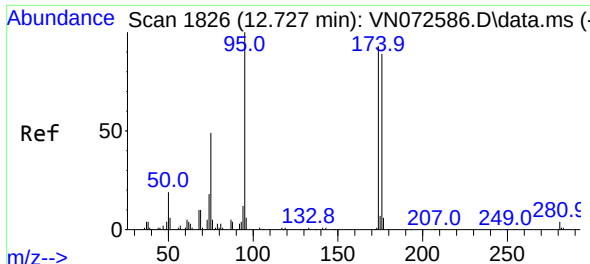
Tgt Ion:113 Resp: 85058
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 21.3 17.0 25.6



#50
Toluene-d8
Concen: 51.201 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072601.D
Acq: 24 May 2022 21:19

Tgt Ion: 98 Resp: 368395
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

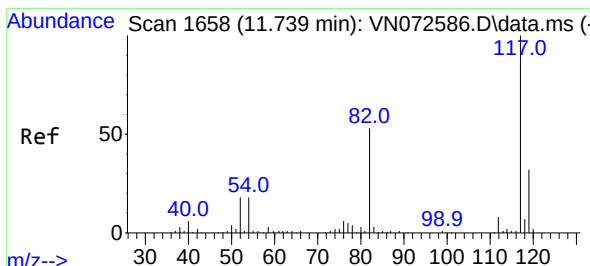
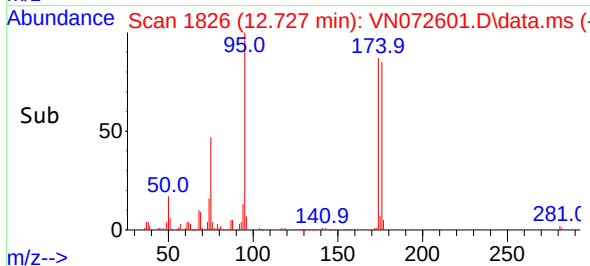
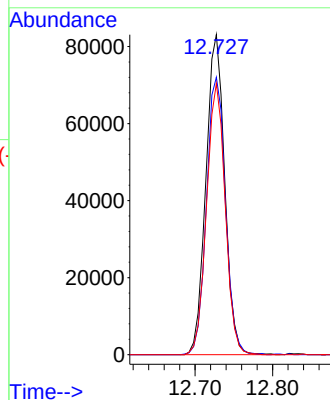
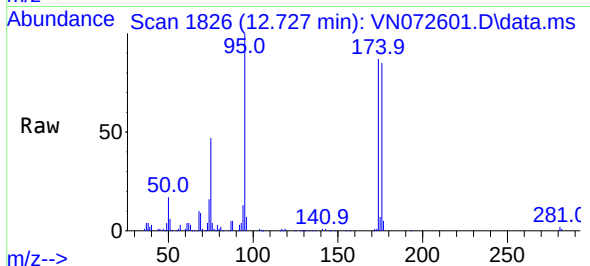




#62
4-Bromofluorobenzene
Concen: 59.677 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072601.D
Acq: 24 May 2022 21:19

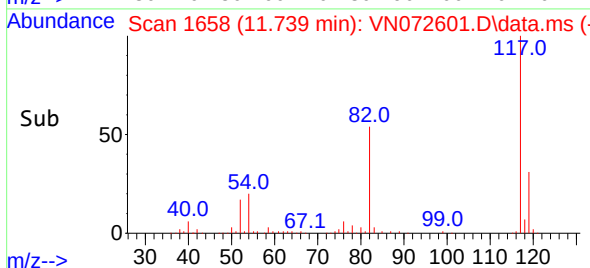
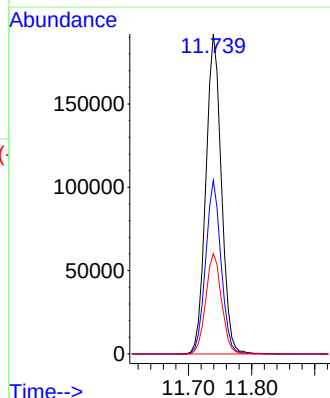
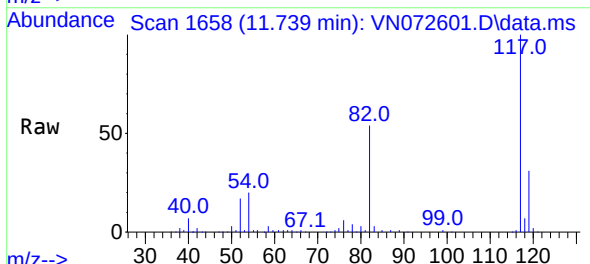
Instrument :
MSVOA_N
ClientSampleId :
MW-45

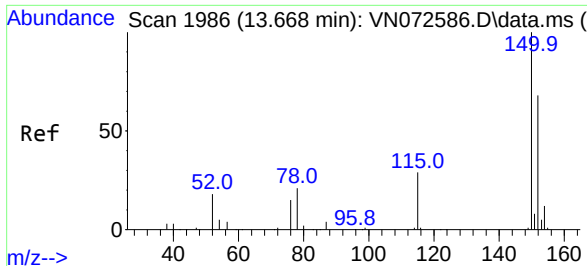
Tgt Ion: 95 Resp: 139651
Ion Ratio Lower Upper
95 100
174 87.9 0.0 167.6
176 84.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072601.D
Acq: 24 May 2022 21:19

Tgt Ion: 117 Resp: 326873
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN072601.D
 Acq: 24 May 2022 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-45

Tgt Ion:152 Resp: 125770
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.9 86.7
 150 157.8 0.0 356.2

