

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072952.D
 Acq On : 20 Jun 2022 11:26
 Operator : JC\MD
 Sample : N3367-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MJS-MW-01

Quant Time: Jun 21 05:54:10 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)

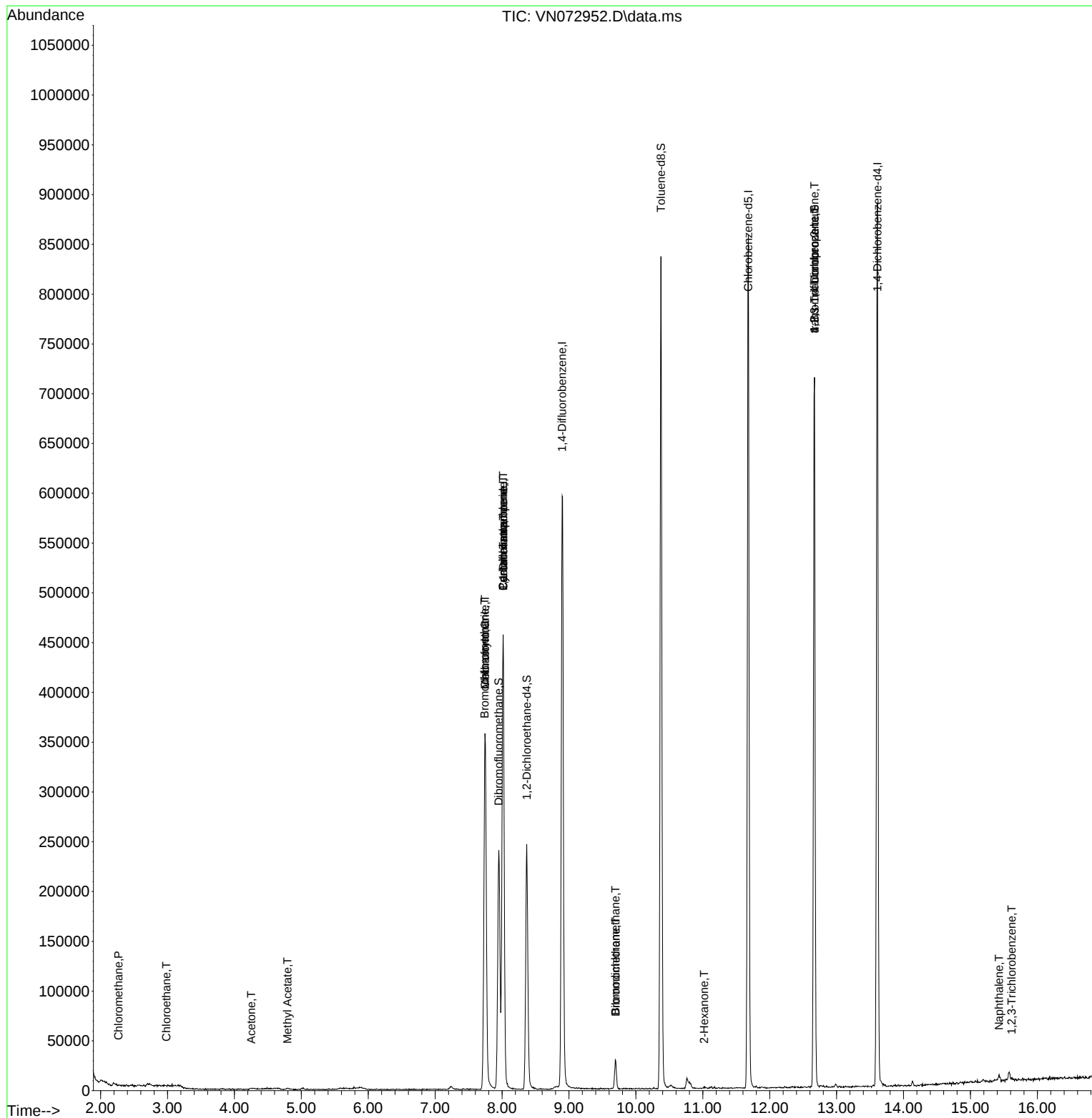
Internal Standards						
1) Pentafluorobenzene	8.016	168	355180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	563069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	502338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	245642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204421	42.570	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.140%
35) Dibromofluoromethane	7.951	113	182136	52.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.660%
50) Toluene-d8	10.374	98	577044	44.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.120%
62) 4-Bromofluorobenzene	12.668	95	250341	53.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	602	0.733	ug/l #	43
6) Chloroethane	2.981	64	412	0.217	ug/l #	42
16) Acetone	4.251	43	2676	1.014	ug/l	99
18) Methyl Acetate	4.792	43	2697	0.384	ug/l #	62
20) Methylene Chloride	5.010	84	847	Below Cal	#	64
28) Bromochloromethane	7.739	49	30123	10.257	ug/l #	8
30) Chloroform	7.745	83	361492	50.287	ug/l	97
31) Cyclohexane	8.016	56	7692	1.184	ug/l #	27
36) 1,1-Dichloropropene	8.016	75	27882	5.921	ug/l #	49
38) Carbon Tetrachloride	8.016	117	36154	7.299	ug/l #	16
41) Methacrylonitrile	7.745	41	1643	0.460	ug/l #	16
46) Dibromomethane	9.698	93	551	0.215	ug/l #	1
47) Bromodichloromethane	9.692	83	19499	3.836	ug/l	96
59) 2-Hexanone	11.021	43	1583	0.291	ug/l #	53
76) 1,2,3-Trichloropropane	12.668	75	129425	21.732	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	129425	58.689	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.509	75	67	Below Cal	#	1
95) Naphthalene	15.427	128	5709	0.301	ug/l	97
96) 1,2,3-Trichlorobenzene	15.615	180	1145	0.229	ug/l #	78

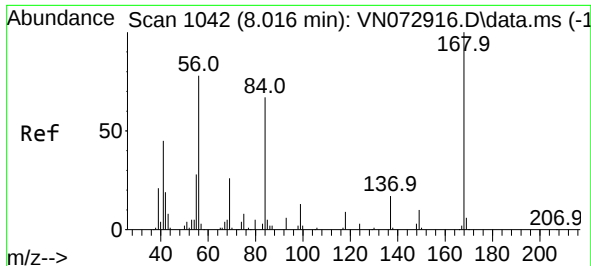
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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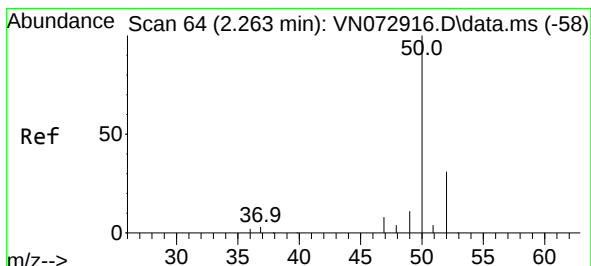
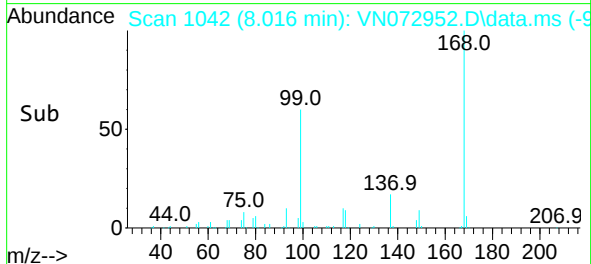
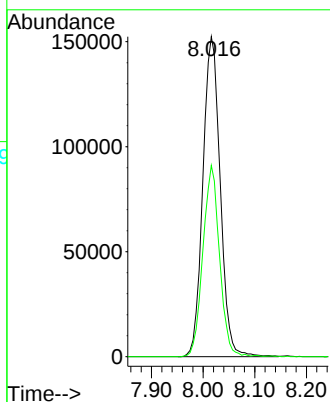
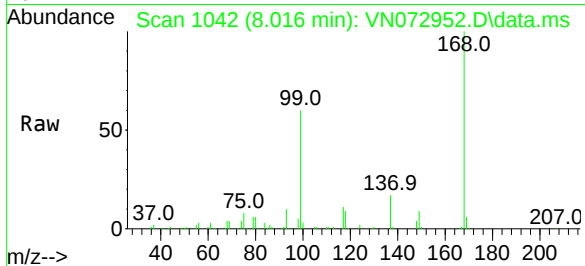




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

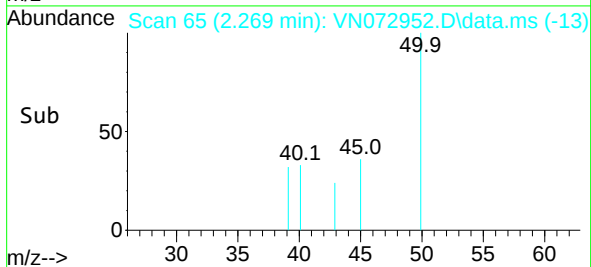
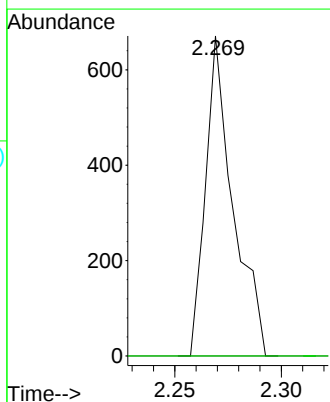
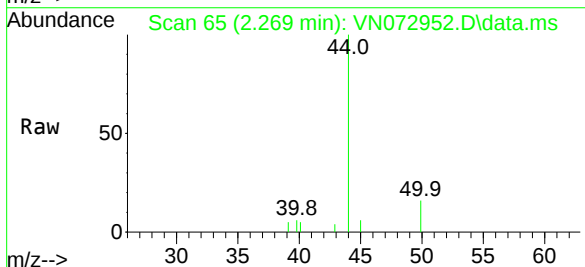
Instrument :
MSVOA_N
ClientSampleId :
MJS-MW-01

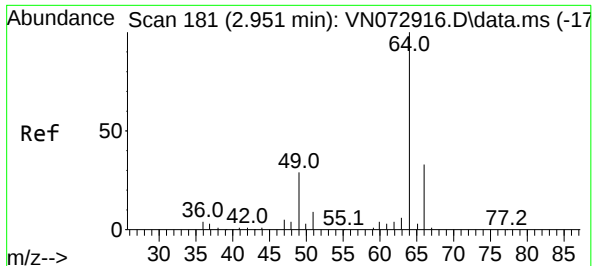
Tgt Ion:168 Resp: 355180
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#3
Chloromethane
Concen: 0.733 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

Tgt Ion: 50 Resp: 602
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

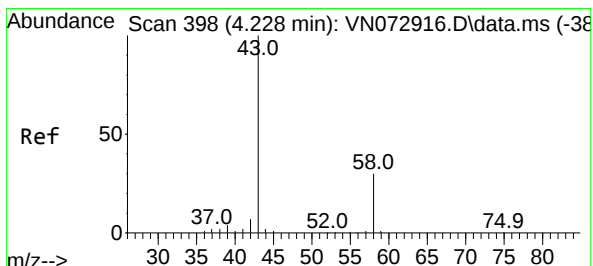
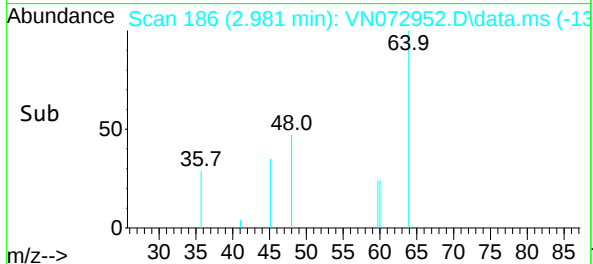
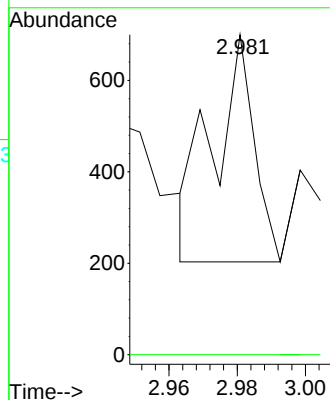
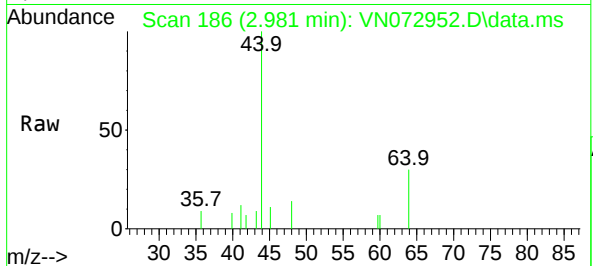




#6
Chloroethane
Concen: 0.217 ug/l
RT: 2.981 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

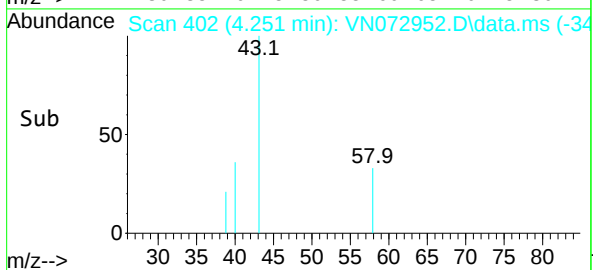
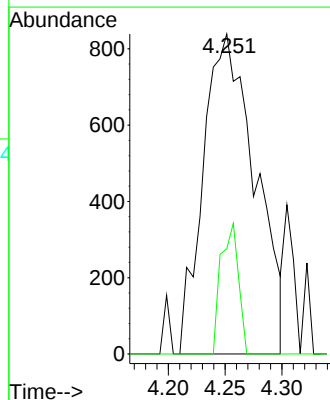
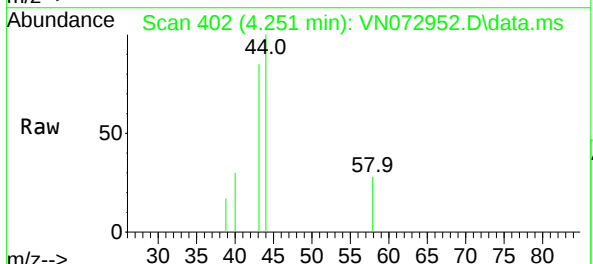
Instrument :
MSVOA_N
ClientSampleId :
MJS-MW-01

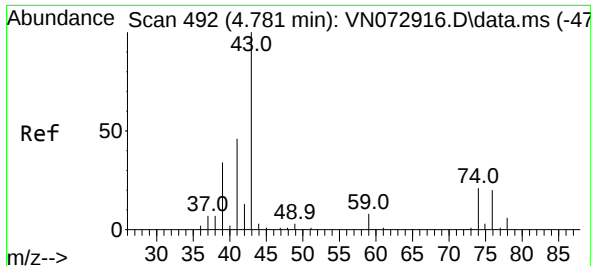
Tgt Ion: 64 Resp: 412
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.014 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

Tgt Ion: 43 Resp: 2676
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0

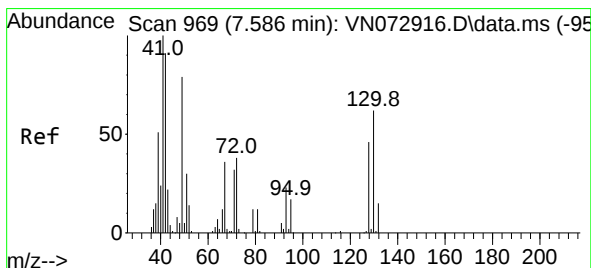
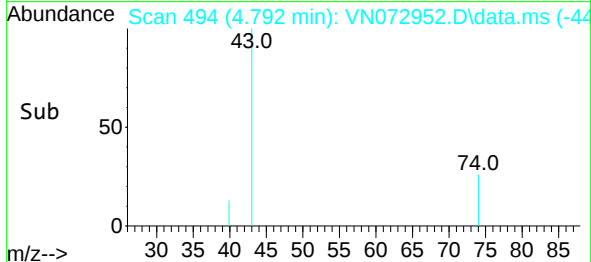
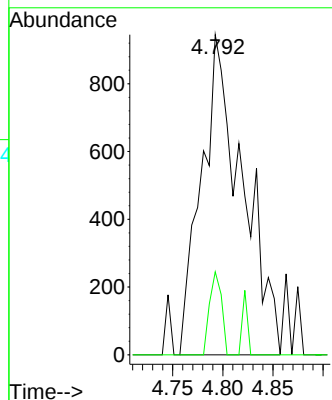
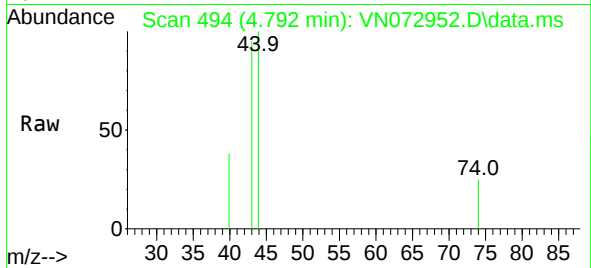




#18
Methyl Acetate
Concen: 0.384 ug/l
RT: 4.792 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

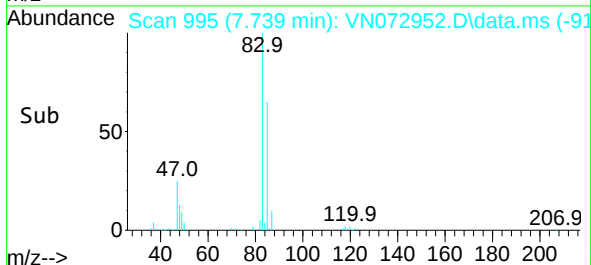
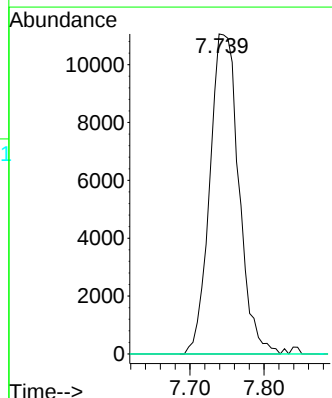
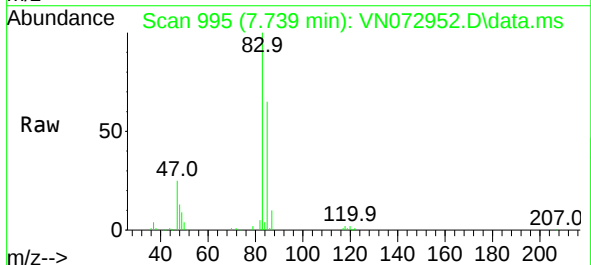
Instrument :
MSVOA_N
ClientSampleId :
MJS-MW-01

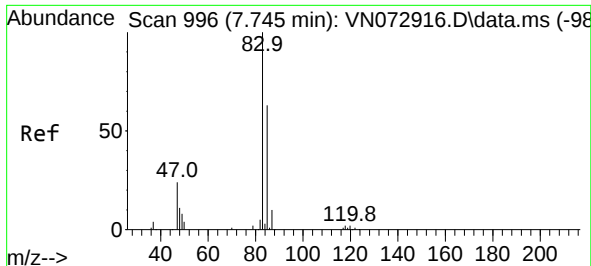
Tgt Ion: 43 Resp: 2697
Ion Ratio Lower Upper
43 100
74 7.5 21.6 32.4#



#28
Bromochloromethane
Concen: 10.257 ug/l
RT: 7.739 min Scan# 995
Delta R.T. 0.153 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

Tgt Ion: 49 Resp: 30123
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#





#30

Chloroform

Concen: 50.287 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN072952.D

Acq: 20 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

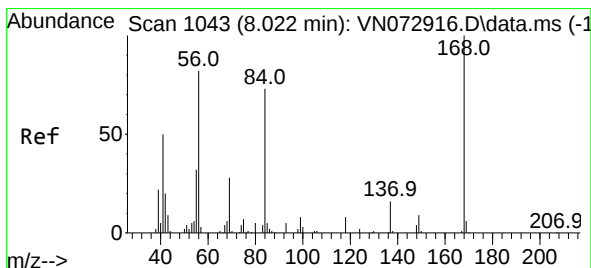
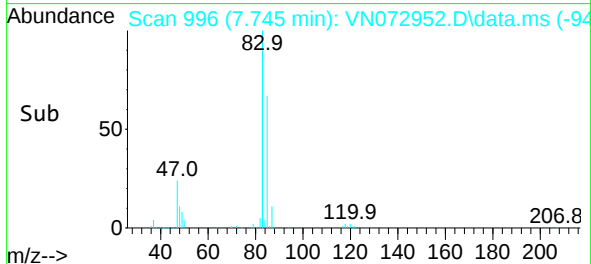
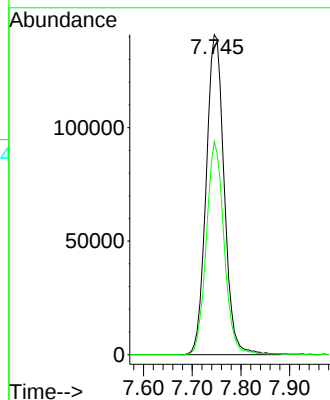
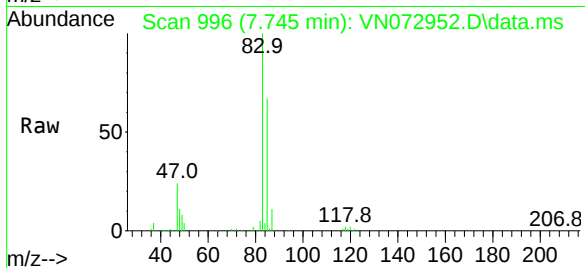
MJS-MW-01

Tgt Ion: 83 Resp: 361492

Ion Ratio Lower Upper

83 100

85 66.8 51.8 77.8



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN072952.D

Acq: 20 Jun 2022 11:26

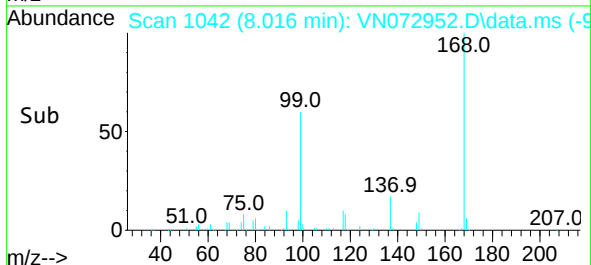
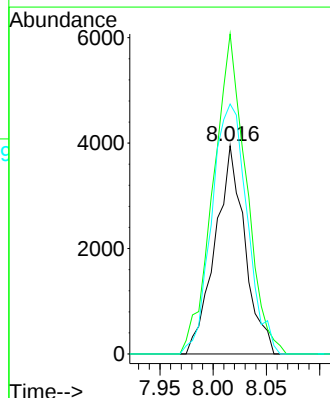
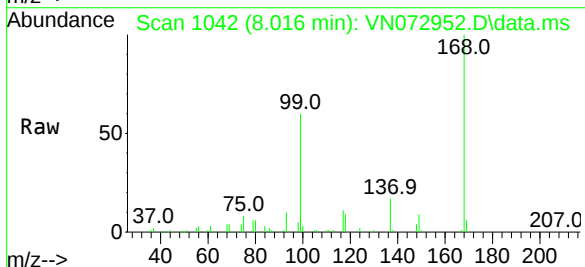
Tgt Ion: 56 Resp: 7692

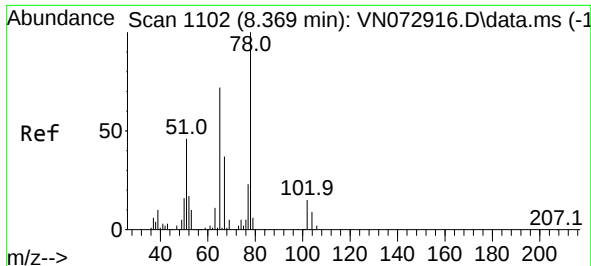
Ion Ratio Lower Upper

56 100

69 153.7 27.8 41.8#

84 120.1 76.9 115.3#

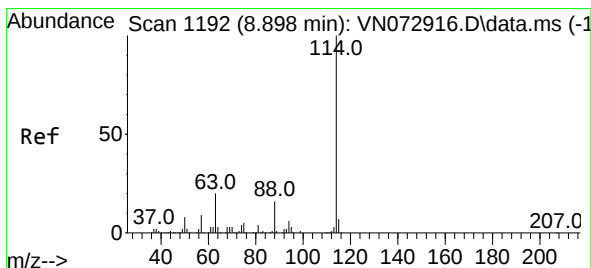
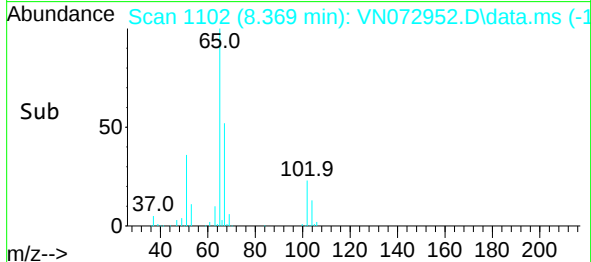
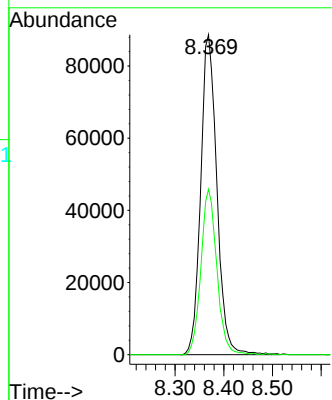
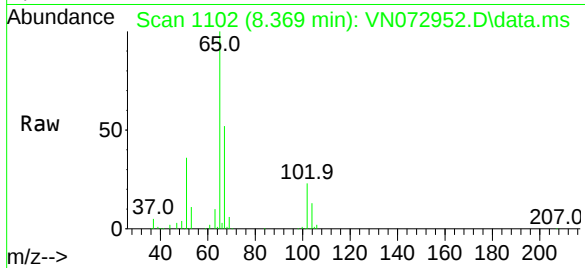




#33
 1,2-Dichloroethane-d4
 Concen: 42.570 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN072952.D
 Acq: 20 Jun 2022 11:26

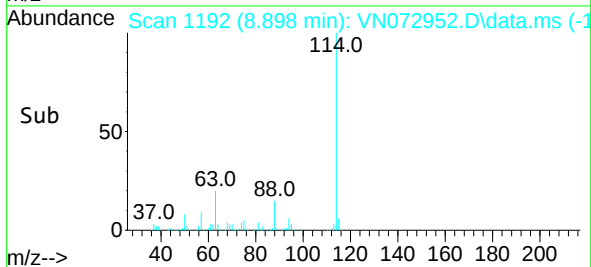
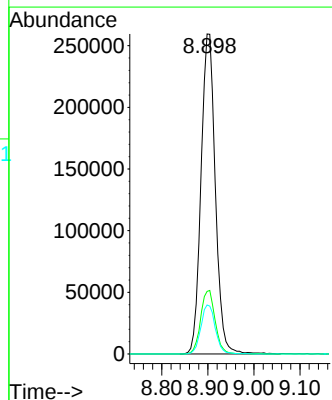
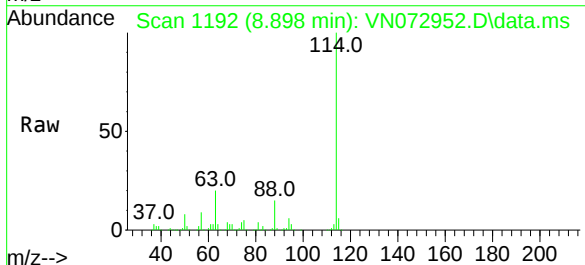
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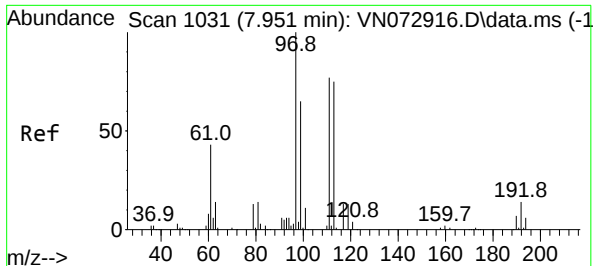
Tgt Ion: 65 Resp: 204421
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN072952.D
 Acq: 20 Jun 2022 11:26

Tgt Ion: 114 Resp: 563069
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 32.6

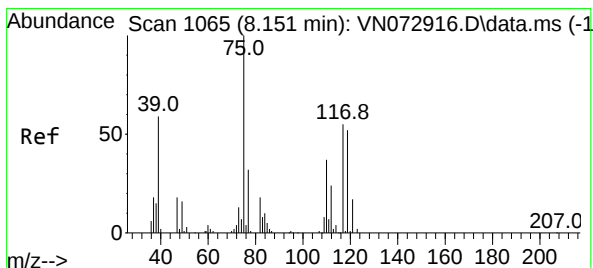
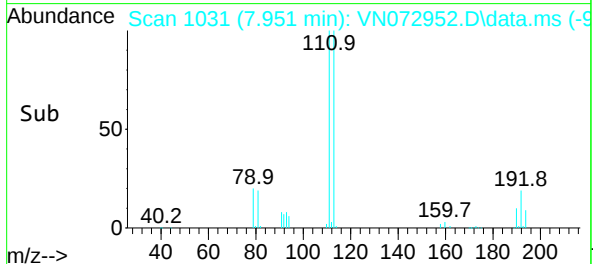
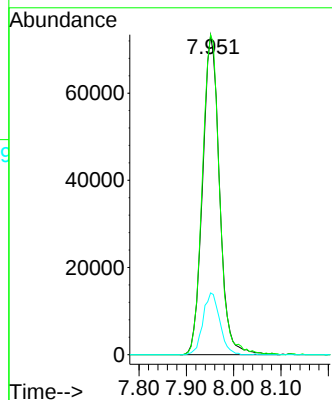
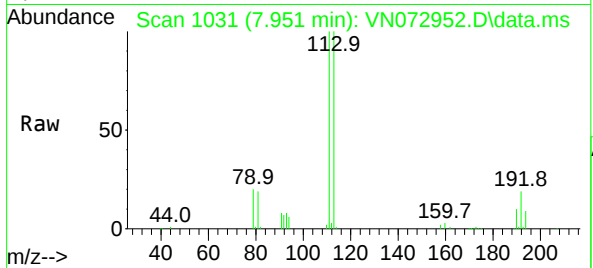




#35
Dibromofluoromethane
Concen: 52.334 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

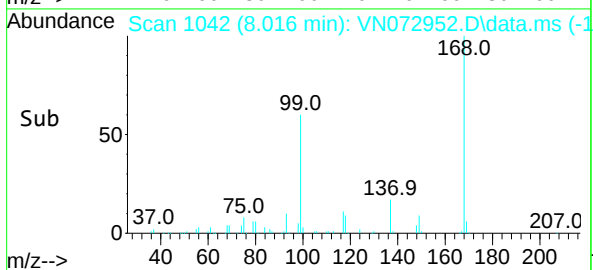
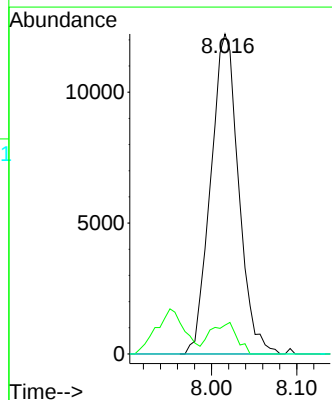
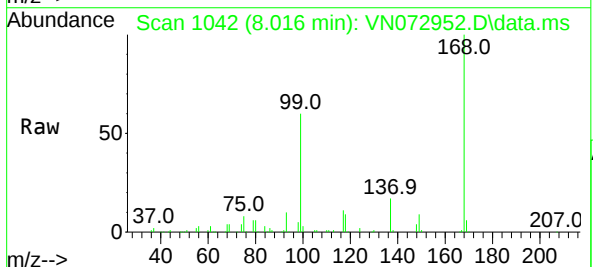
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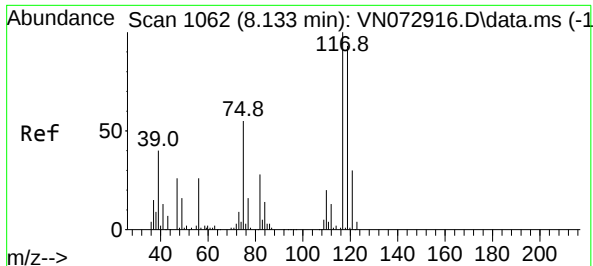
Tgt Ion:113 Resp: 182136
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 19.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.921 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

Tgt Ion: 75 Resp: 27882
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#

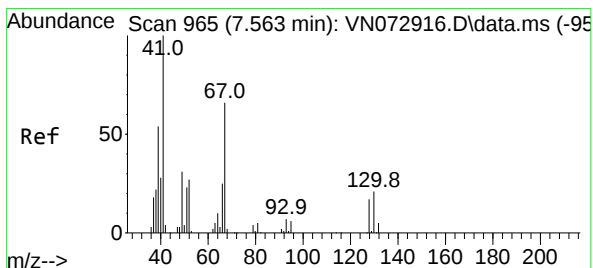
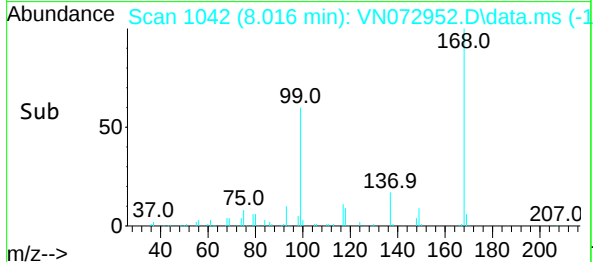
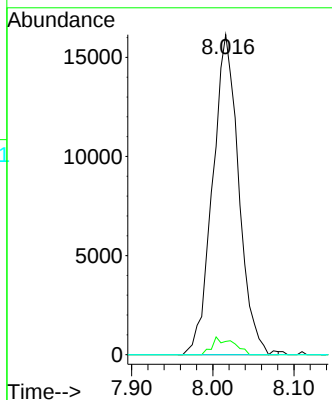
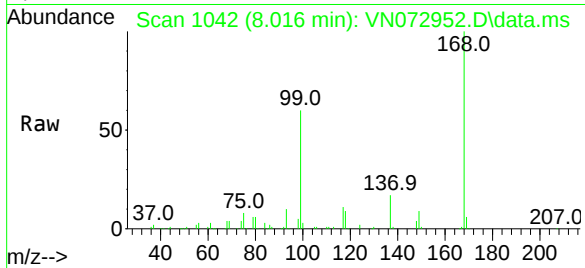




#38
Carbon Tetrachloride
Concen: 7.299 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

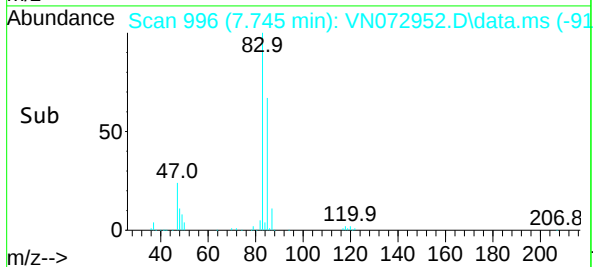
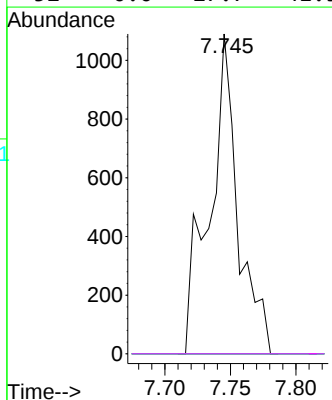
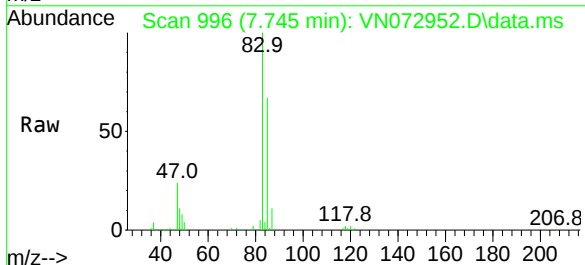
Instrument :
MSVOA_N
ClientSampleId :
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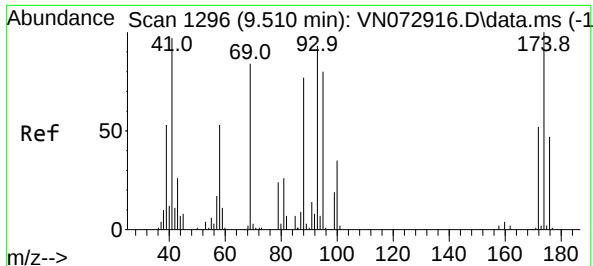
Tgt Ion:117 Resp: 36154
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.460 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.182 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

Tgt Ion: 41 Resp: 1643
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

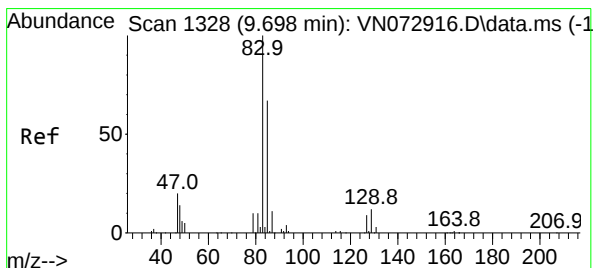
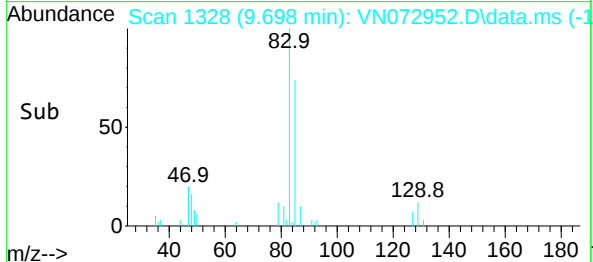
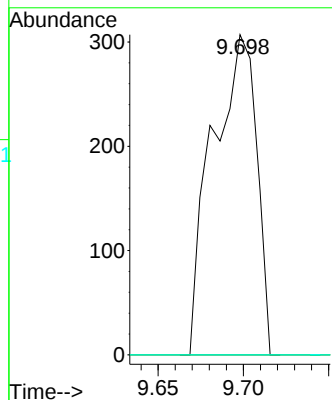
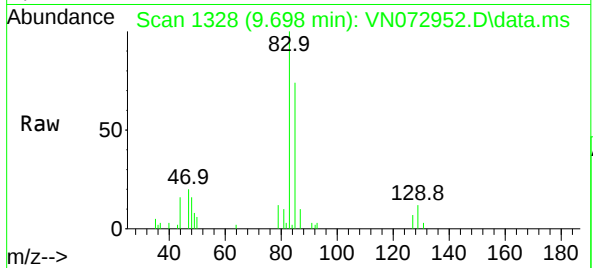




#46
Dibromomethane
Concen: 0.215 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.188 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

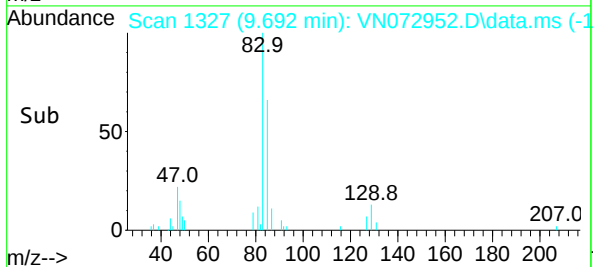
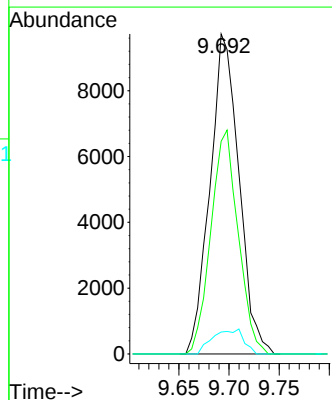
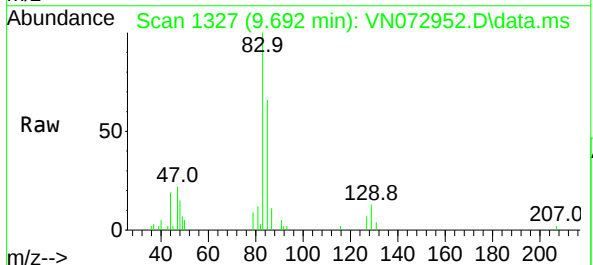
Instrument :
MSVOA_N
ClientSampleId :
MJS-MW-01

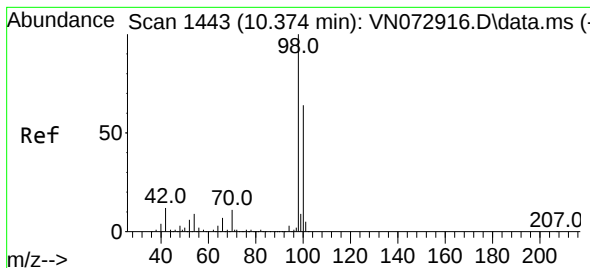
Tgt Ion: 93 Resp: 551
Ion Ratio Lower Upper
93 100
95 0.0 66.9 100.3#
174 0.0 86.6 130.0#



#47
Bromodichloromethane
Concen: 3.836 ug/l
RT: 9.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

Tgt Ion: 83 Resp: 19499
Ion Ratio Lower Upper
83 100
85 66.4 50.5 75.7
127 6.8 6.8 10.2





#50

Toluene-d8

Concen: 44.559 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072952.D

Acq: 20 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

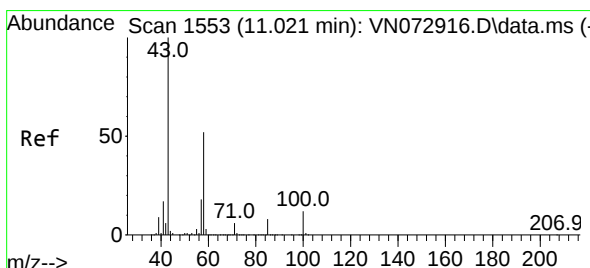
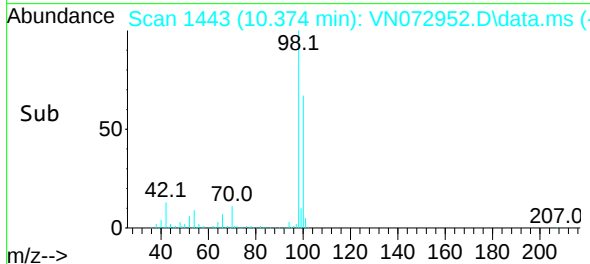
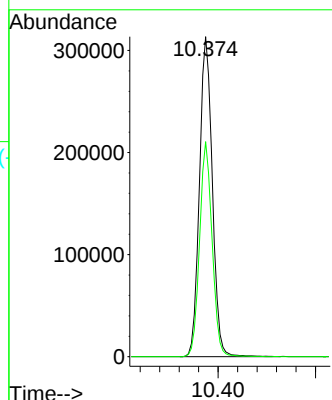
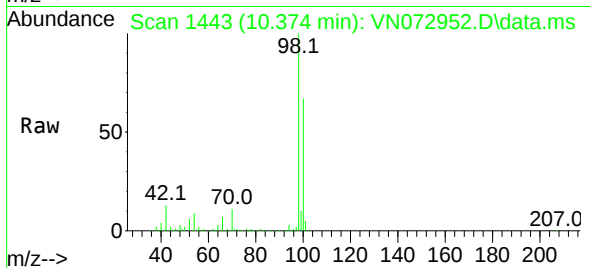
MJS-MW-01

Tgt Ion: 98 Resp: 577044

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#59

2-Hexanone

Concen: 0.291 ug/l

RT: 11.021 min Scan# 1553

Delta R.T. 0.000 min

Lab File: VN072952.D

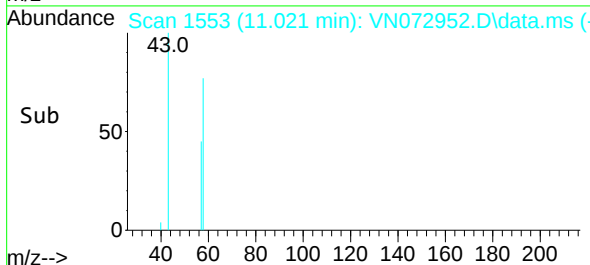
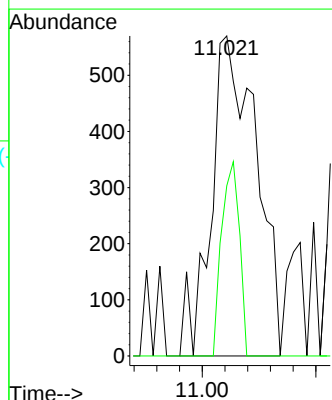
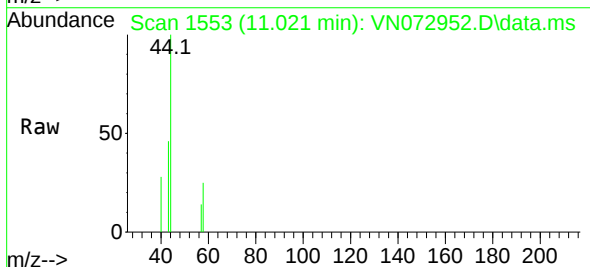
Acq: 20 Jun 2022 11:26

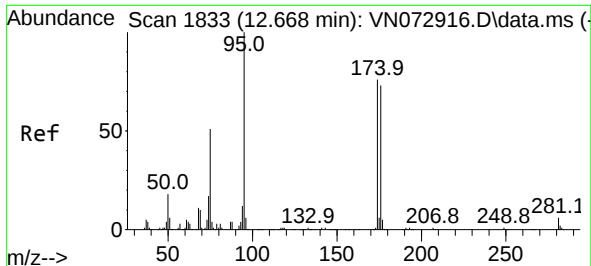
Tgt Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

58 23.7 29.7 89.1#

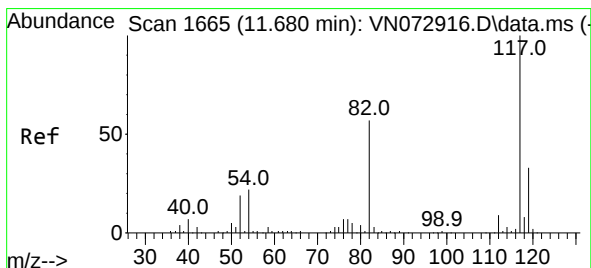
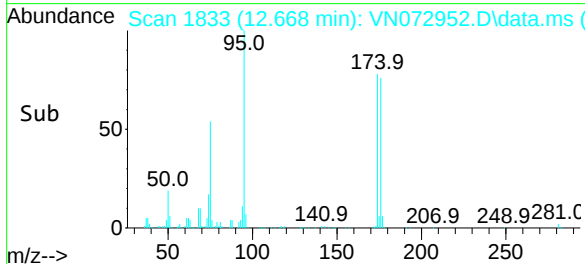
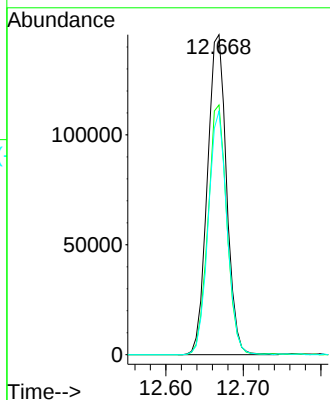
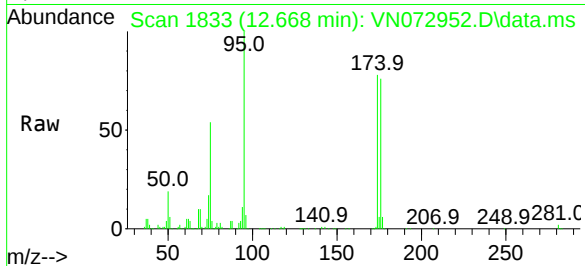




#62
4-Bromofluorobenzene
Concen: 53.759 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

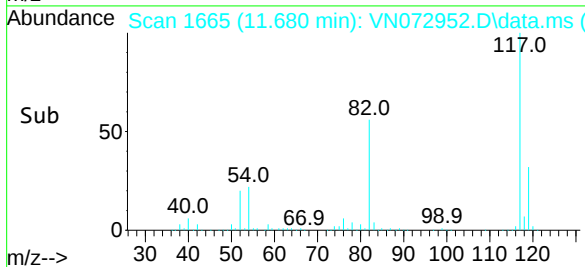
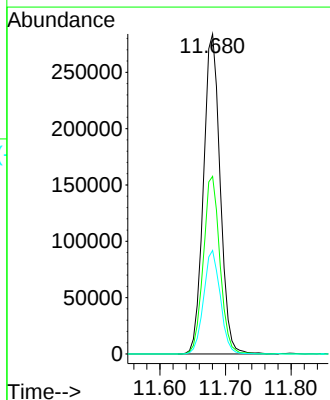
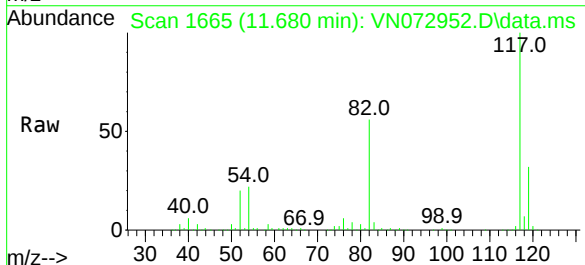
Instrument :
MSVOA_N
ClientSampleId :
MJS-MW-01

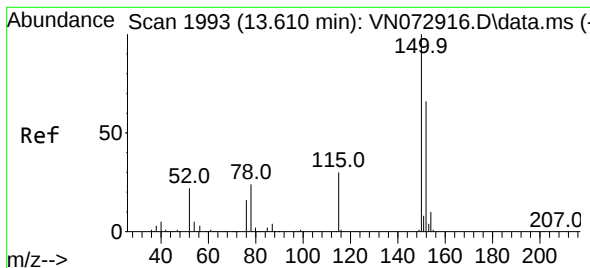
Tgt Ion: 95 Resp: 250341
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 74.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

Tgt Ion: 117 Resp: 502338
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.3 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: VN072952.D

Acq: 20 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

MJS-MW-01

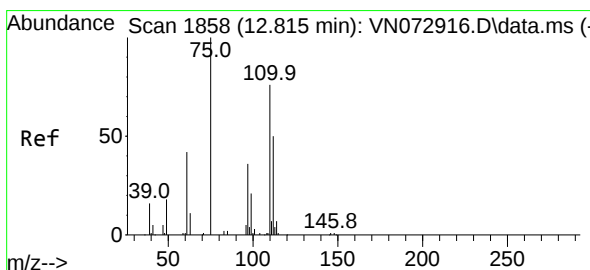
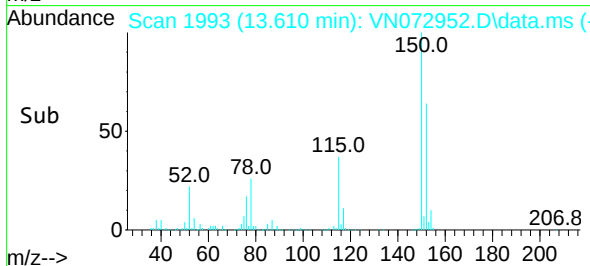
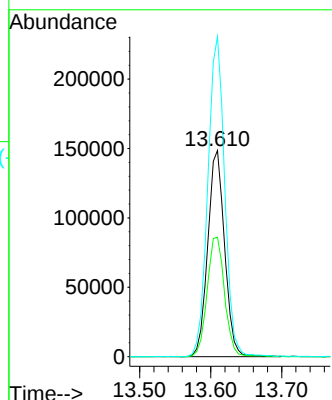
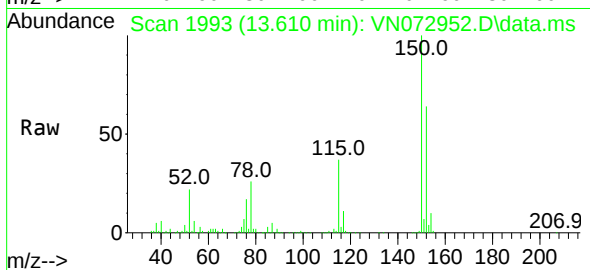
Tgt Ion:152 Resp: 245642

Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.7

150 155.2 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 21.732 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.147 min

Lab File: VN072952.D

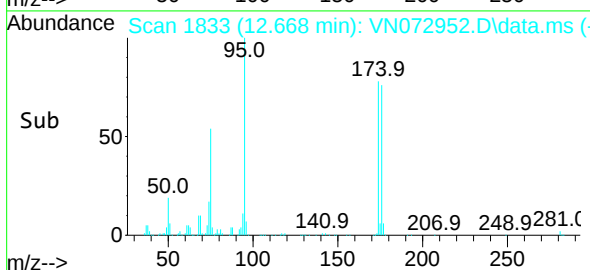
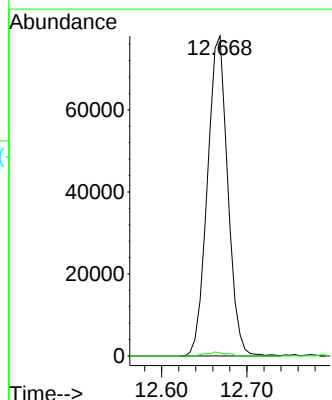
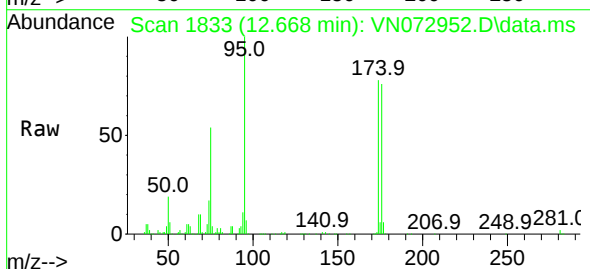
Acq: 20 Jun 2022 11:26

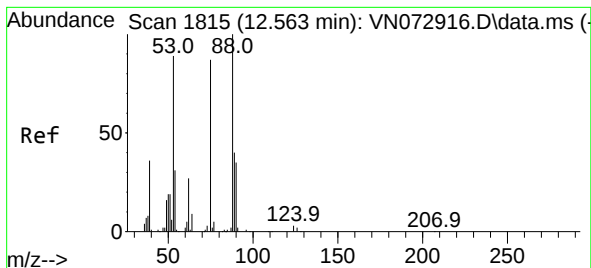
Tgt Ion: 75 Resp: 129425

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#

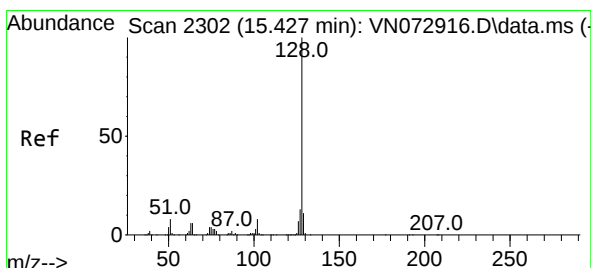
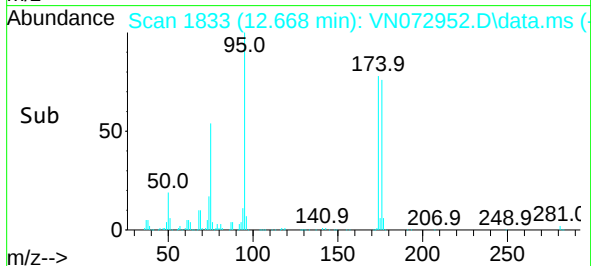
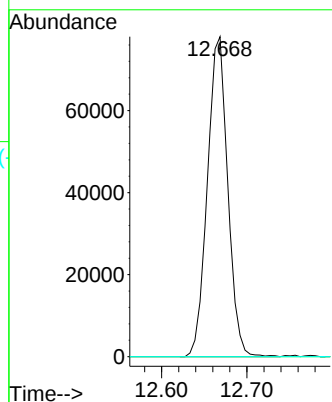
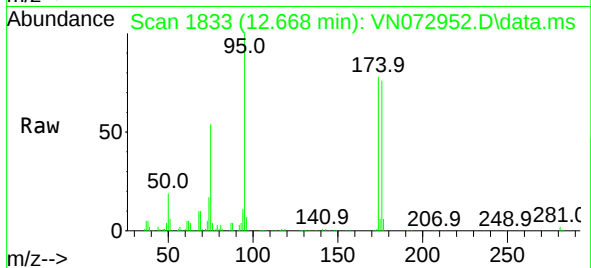




#81
trans-1,4-Dichloro-2-butene
Concen: 58.689 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

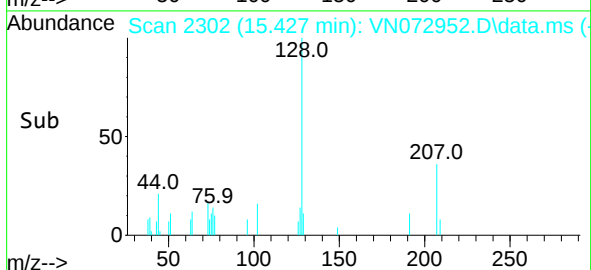
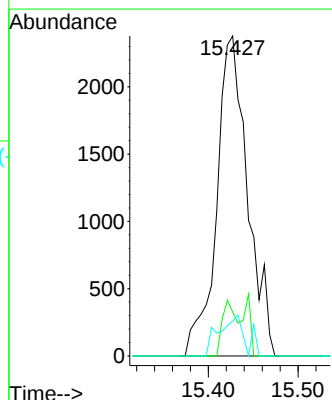
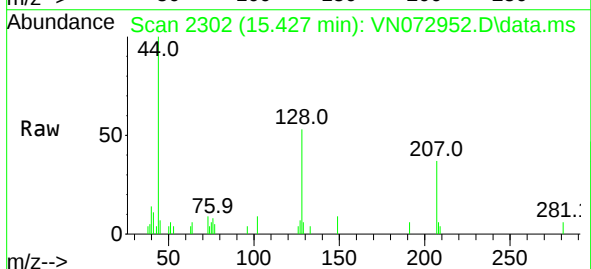
Instrument :
MSVOA_N
ClientSampleId :
MJS-MW-01

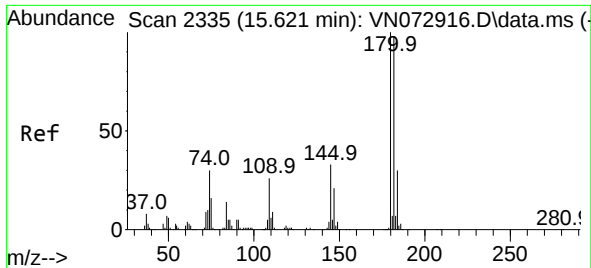
Tgt Ion: 75 Resp: 129425
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.301 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072952.D
Acq: 20 Jun 2022 11:26

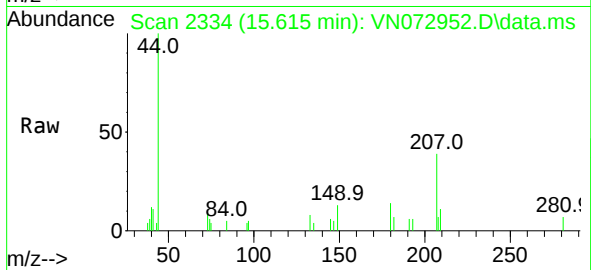
Tgt Ion: 128 Resp: 5709
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 9.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.229 ug/l
 RT: 15.615 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072952.D
 Acq: 20 Jun 2022 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MJS-MW-01



Tgt Ion:180 Resp: 1145
 Ion Ratio Lower Upper
 180 100
 182 80.3 47.8 143.3
 145 7.0 15.5 46.5#

