

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072133.D
 Acq On : 21 Apr 2022 18:21
 Operator : JC\MD
 Sample : N2481-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20R

Quant Time: Apr 22 01:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

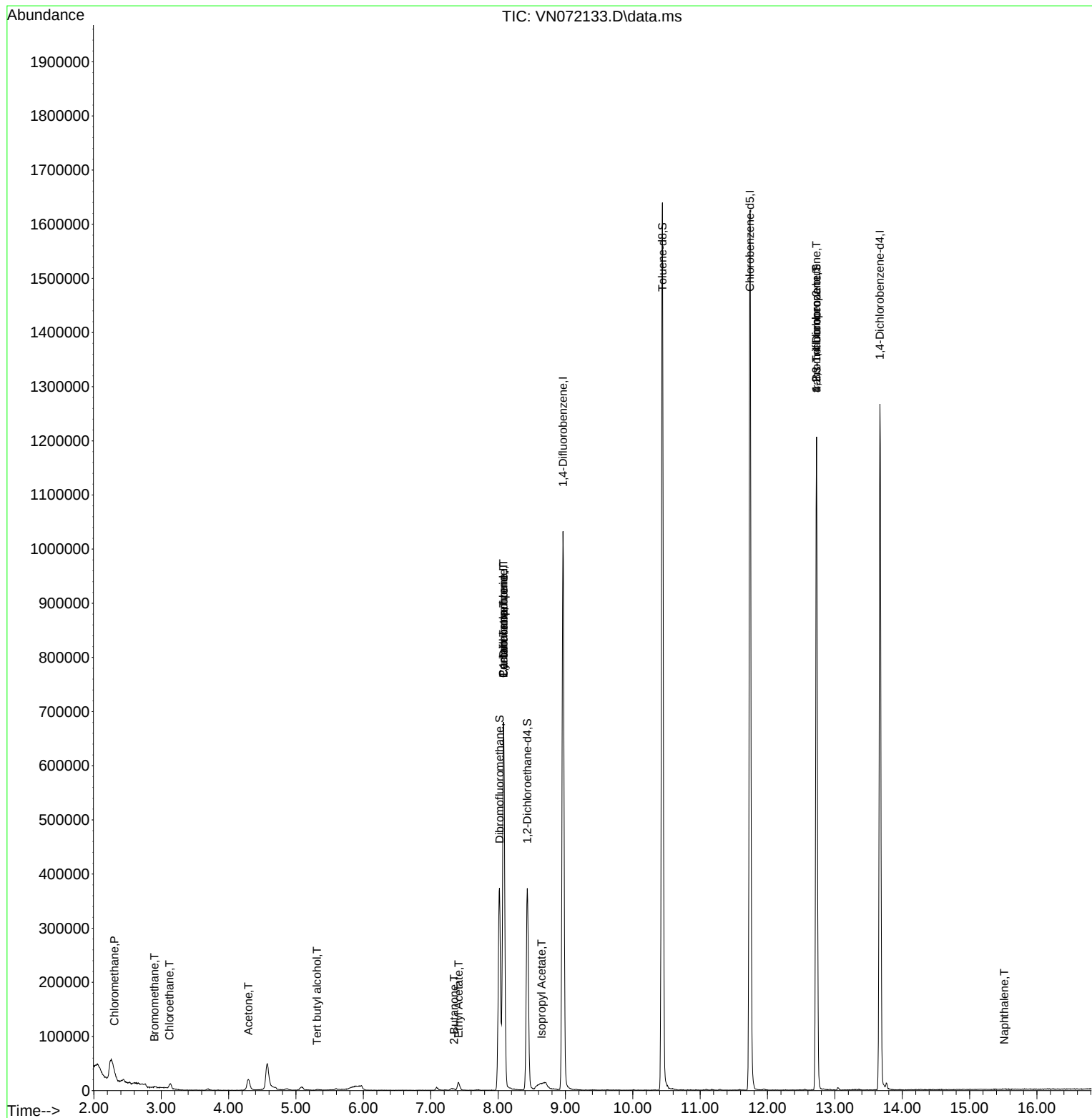
Internal Standards						
1) Pentafluorobenzene	8.081	168	567832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	971827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1028257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	384447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	308979	47.664	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.320%
35) Dibromofluoromethane	8.022	113	280918	49.123	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.240%
50) Toluene-d8	10.439	98	1220261	52.162	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.320%
62) 4-Bromofluorobenzene	12.727	95	431487	57.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	1854	0.324	ug/l #	76
5) Bromomethane	2.899	94	881	0.216	ug/l #	63
6) Chloroethane	3.122	64	4840	1.071	ug/l #	42
11) Tert butyl alcohol	5.310	59	681	0.647	ug/l #	72
16) Acetone	4.293	43	35296	12.741	ug/l	91
18) Methyl Acetate	4.863	43	5870	Below Cal	#	78
25) 2-Butanone	7.345	43	3407	0.853	ug/l	91
31) Cyclohexane	8.081	56	9370	1.063	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	36894	4.620	ug/l #	49
37) Ethyl Acetate	7.416	43	22391	2.562	ug/l	96
38) Carbon Tetrachloride	8.081	117	50807	6.492	ug/l #	16
43) Isopropyl Acetate	8.645	43	19831	1.364	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	203057	22.800	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	203057	70.656	ug/l #	10
95) Naphthalene	15.516	128	970	3.854	ug/l #	69

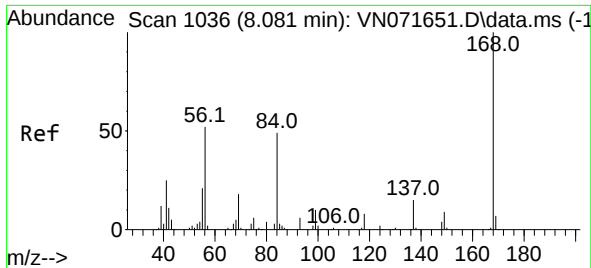
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
Data File : VN072133.D
Acq On : 21 Apr 2022 18:21
Operator : JC\MD
Sample : N2481-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-20R

Quant Time: Apr 22 01:25:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

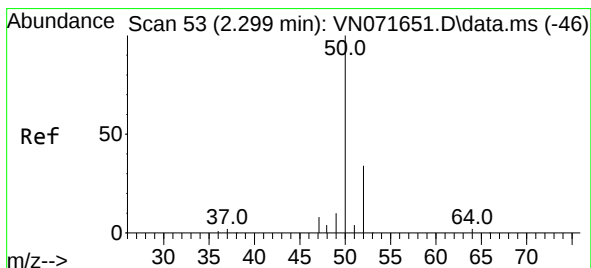
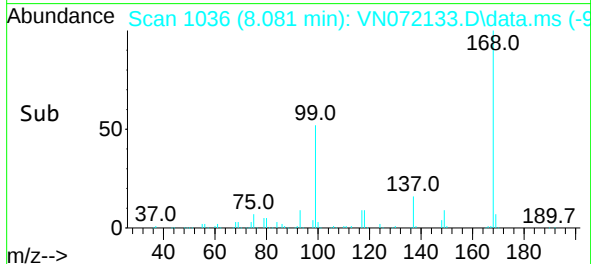
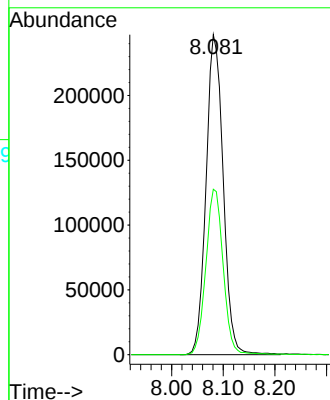
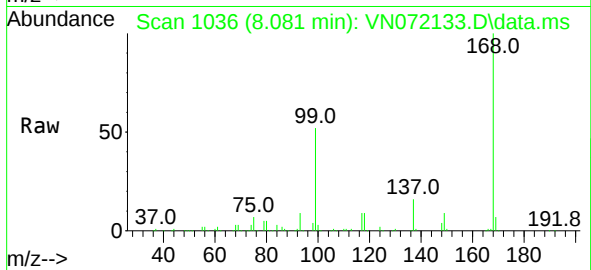




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

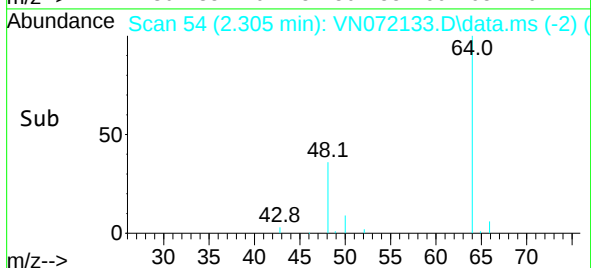
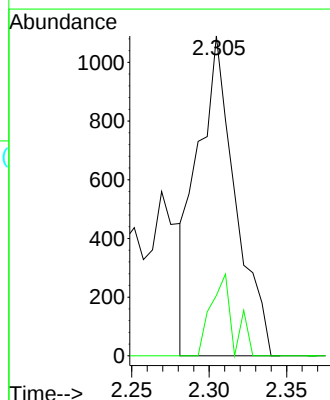
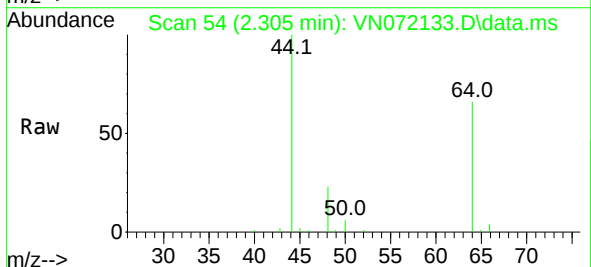
Instrument :
MSVOA_N
ClientSampleId :
MW-20R

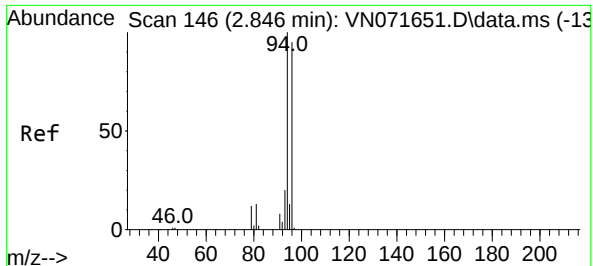
Tgt Ion:168 Resp: 567832
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#3
Chloromethane
Concen: 0.324 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

Tgt Ion: 50 Resp: 1854
Ion Ratio Lower Upper
50 100
52 18.9 25.7 38.5#

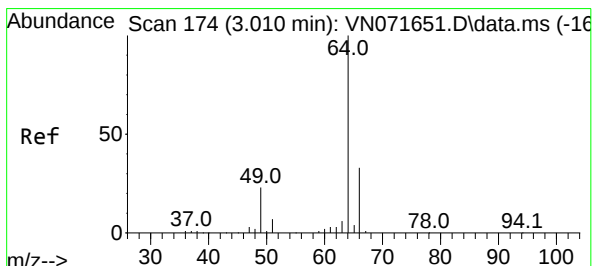
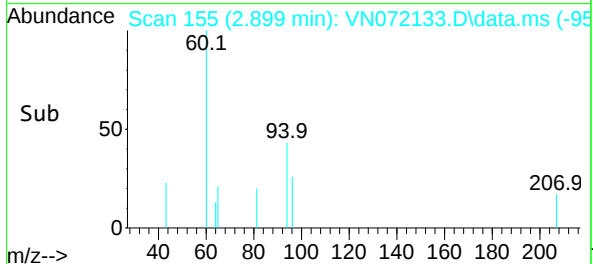
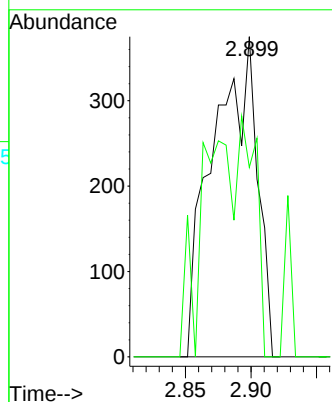
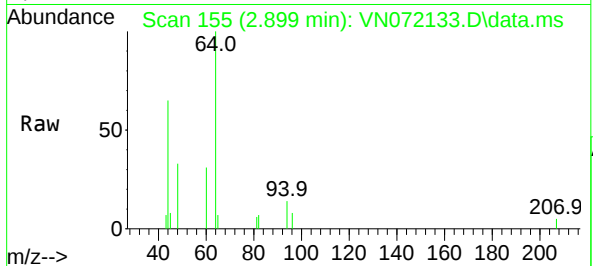




#5
Bromomethane
Concen: 0.216 ug/l
RT: 2.899 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

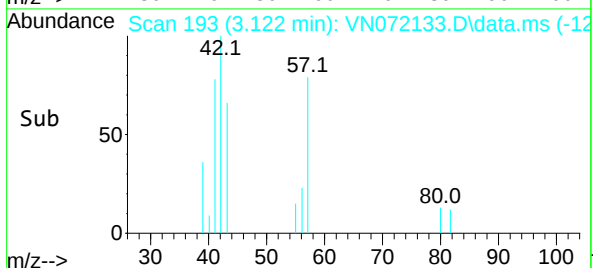
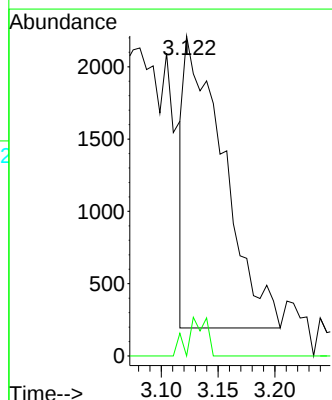
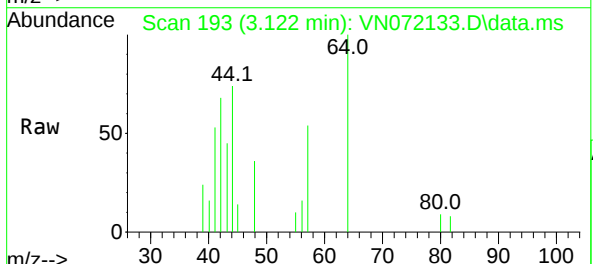
Instrument :
MSVOA_N
ClientSampleId :
MW-20R

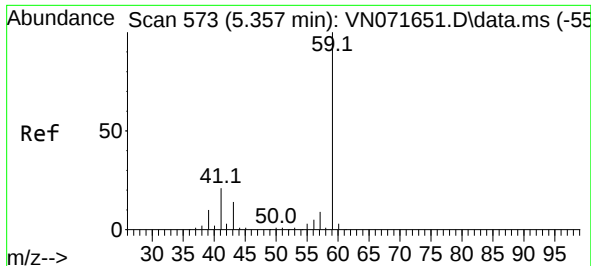
Tgt Ion: 94 Resp: 881
Ion Ratio Lower Upper
94 100
96 59.2 76.0 114.0#



#6
Chloroethane
Concen: 1.071 ug/l
RT: 3.122 min Scan# 193
Delta R.T. 0.112 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

Tgt Ion: 64 Resp: 4840
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

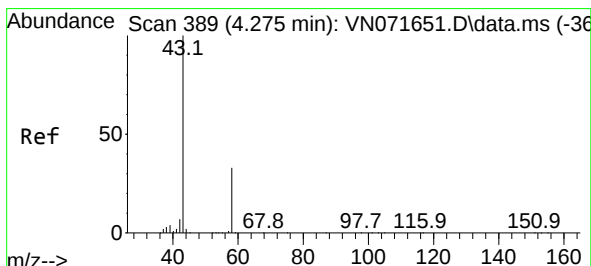
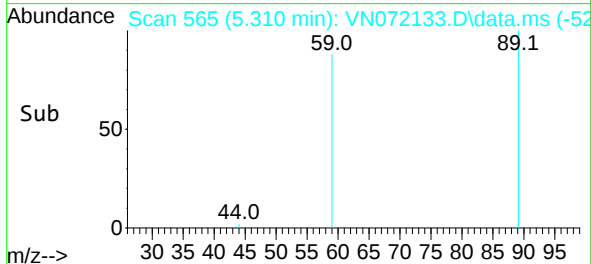
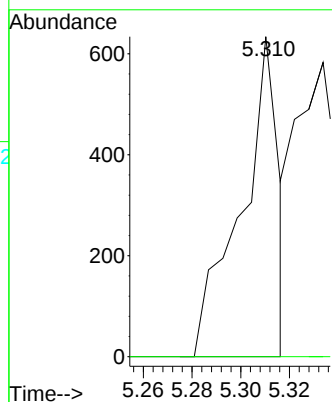
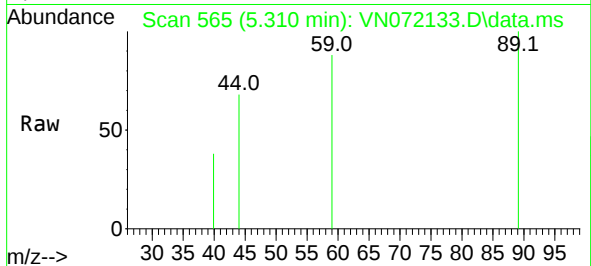




#11
Tert butyl alcohol
Concen: 0.647 ug/l
RT: 5.310 min Scan# 50
Delta R.T. -0.047 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

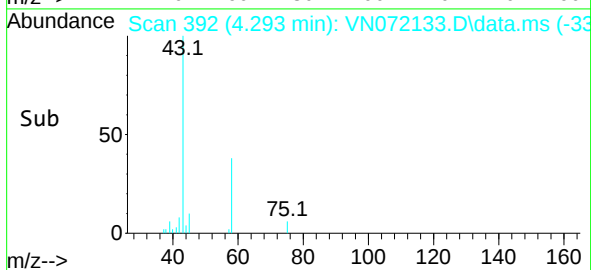
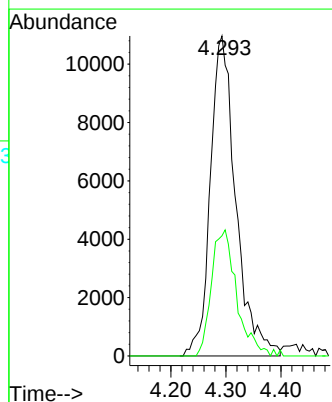
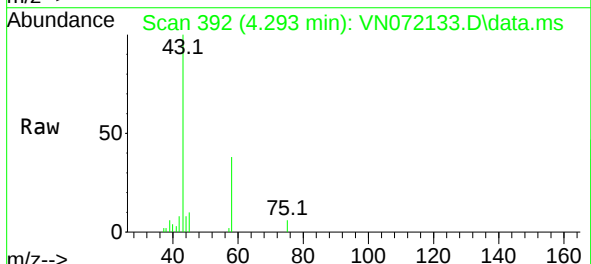
Instrument :
MSVOA_N
ClientSampleId :
MW-20R

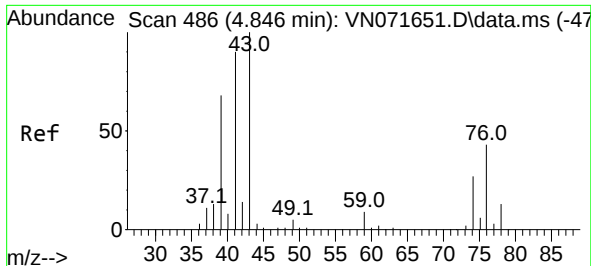
Tgt Ion: 59 Resp: 681
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 12.741 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

Tgt Ion: 43 Resp: 35296
Ion Ratio Lower Upper
43 100
58 37.6 26.0 39.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.863 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN072133.D

Acq: 21 Apr 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

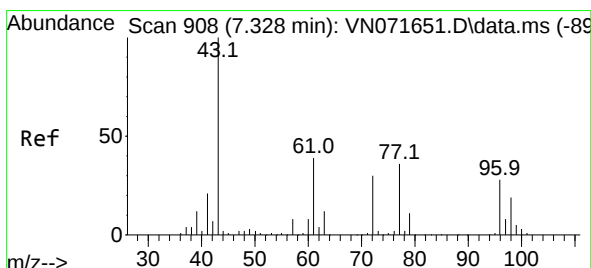
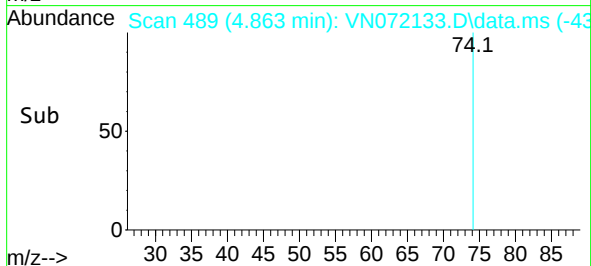
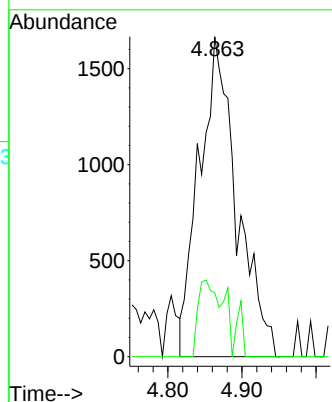
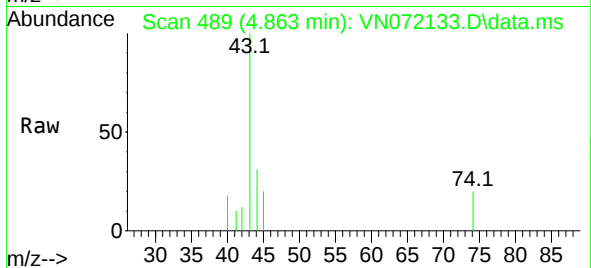
MW-20R

Tgt Ion: 43 Resp: 5870

Ion Ratio Lower Upper

43 100

74 15.7 21.6 32.4#



#25

2-Butanone

Concen: 0.853 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072133.D

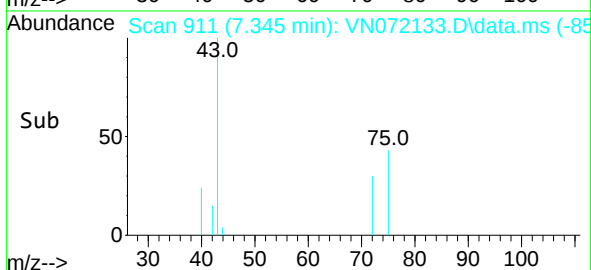
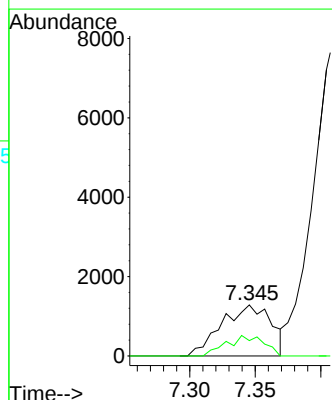
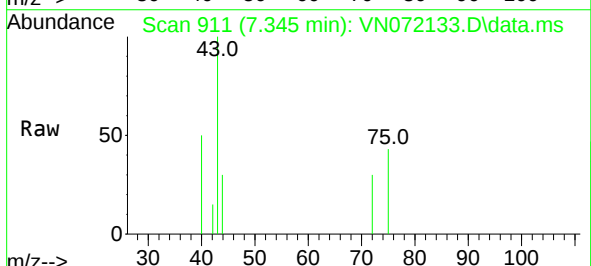
Acq: 21 Apr 2022 18:21

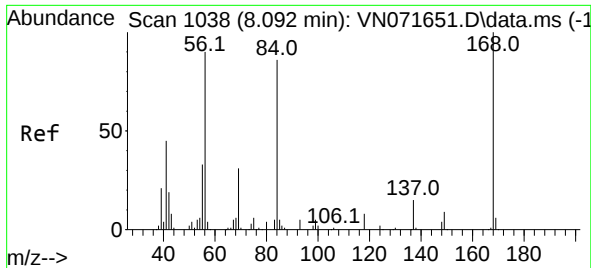
Tgt Ion: 43 Resp: 3407

Ion Ratio Lower Upper

43 100

72 34.2 23.7 35.5





#31

Cyclohexane

Concen: 1.063 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072133.D

Acq: 21 Apr 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

MW-20R

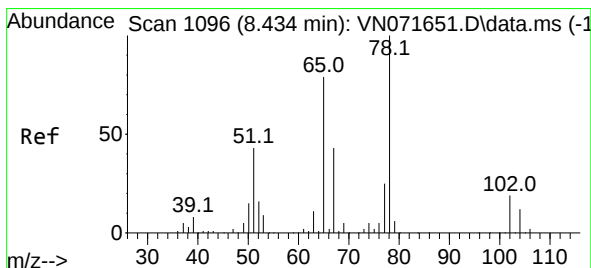
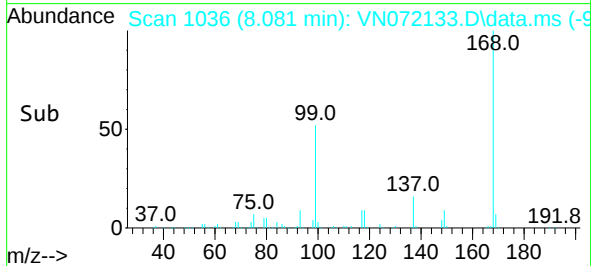
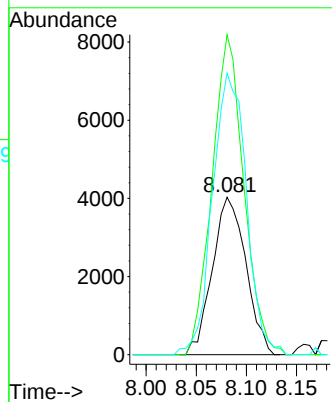
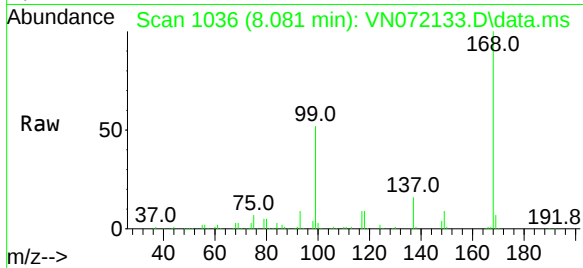
Tgt Ion: 56 Resp: 9370

Ion Ratio Lower Upper

56 100

69 203.2 27.8 41.8#

84 175.2 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.664 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072133.D

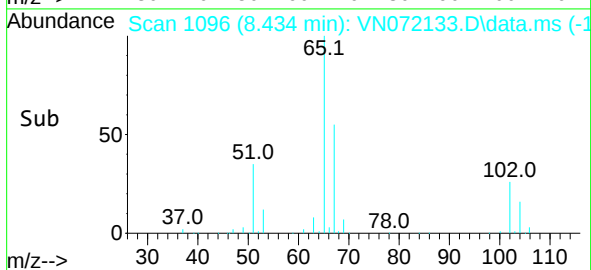
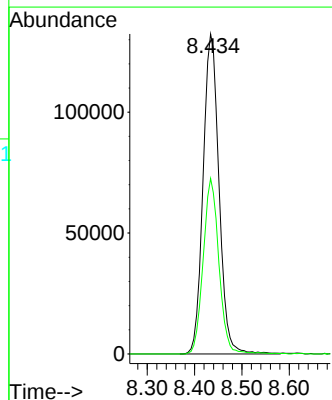
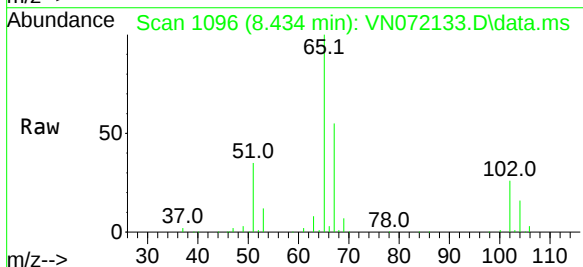
Acq: 21 Apr 2022 18:21

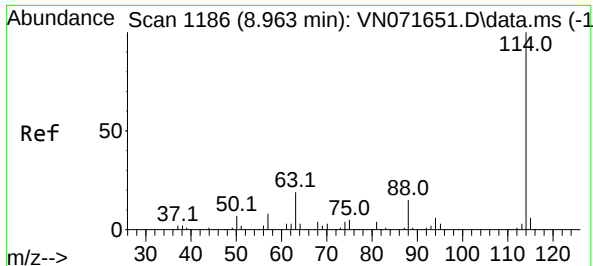
Tgt Ion: 65 Resp: 308979

Ion Ratio Lower Upper

65 100

67 53.8 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: VN072133.D

Acq: 21 Apr 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

MW-20R

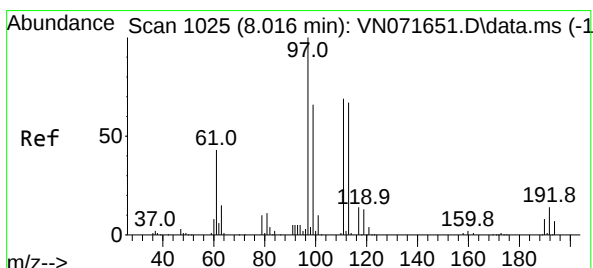
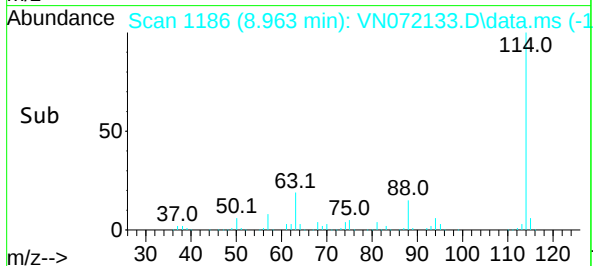
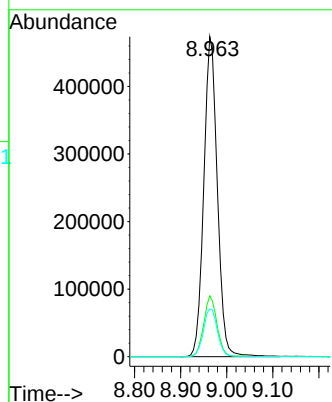
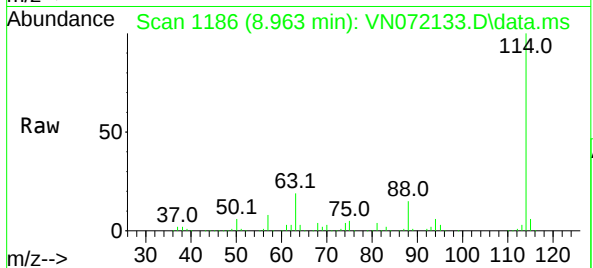
Tgt Ion:114 Resp: 971827

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.123 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072133.D

Acq: 21 Apr 2022 18:21

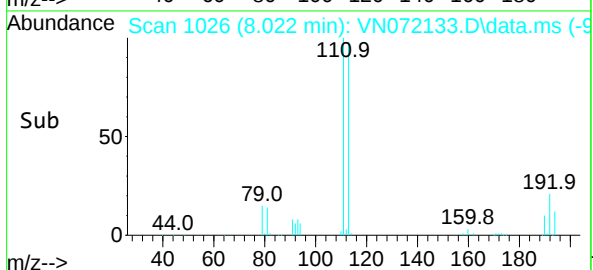
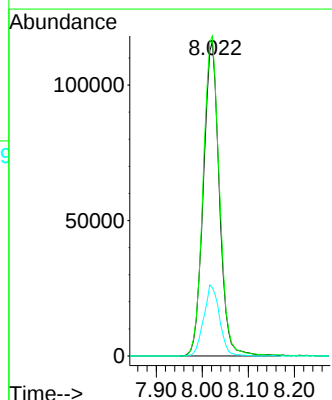
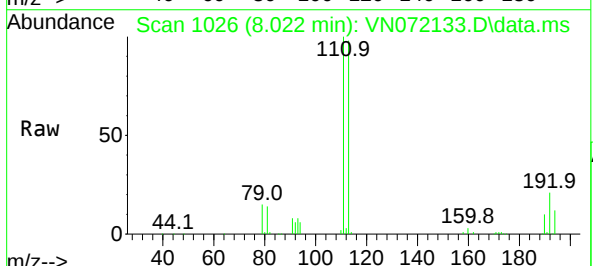
Tgt Ion:113 Resp: 280918

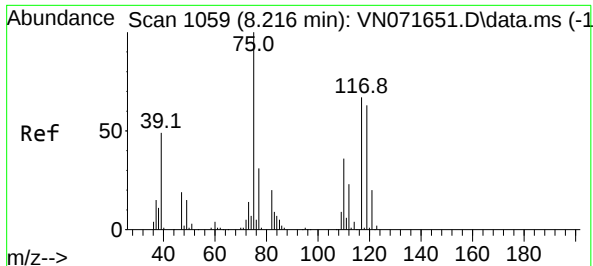
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 22.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.620 ug/l

RT: 8.081 min Scan# 1059

Delta R.T. -0.135 min

Lab File: VN072133.D

Acq: 21 Apr 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

MW-20R

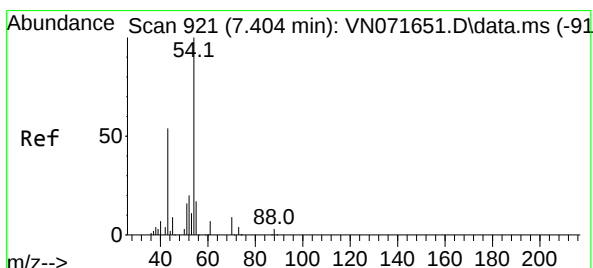
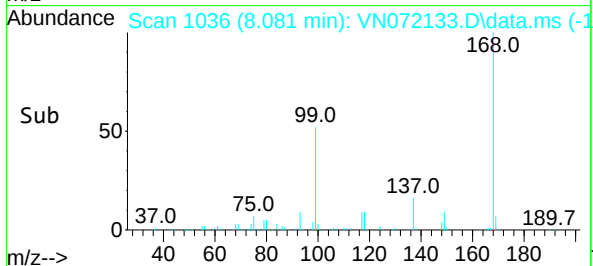
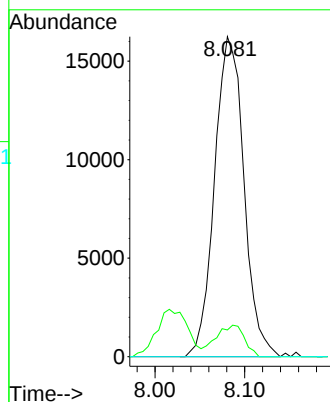
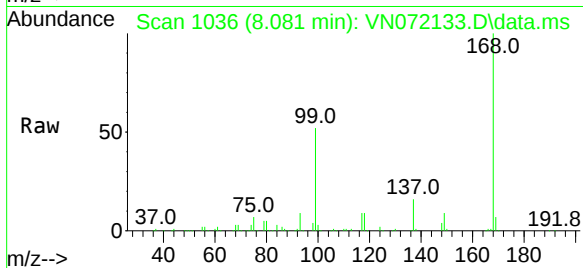
Tgt Ion: 75 Resp: 36894

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 2.562 ug/l

RT: 7.416 min Scan# 923

Delta R.T. 0.012 min

Lab File: VN072133.D

Acq: 21 Apr 2022 18:21

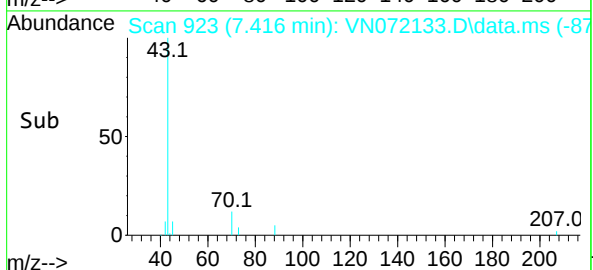
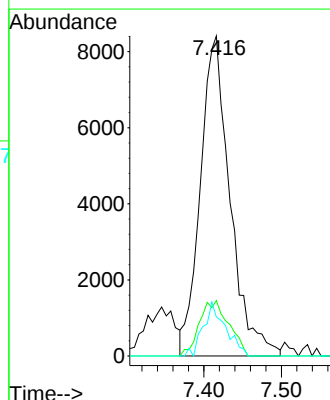
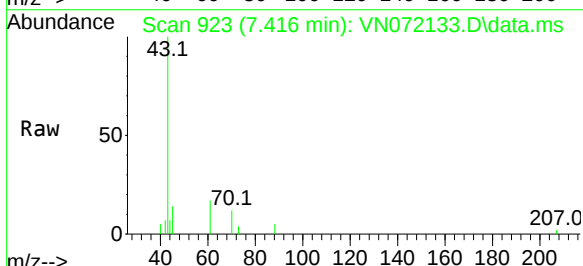
Tgt Ion: 43 Resp: 22391

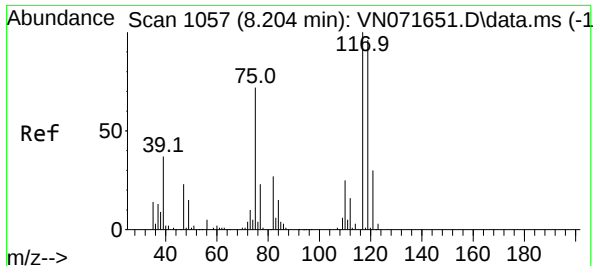
Ion Ratio Lower Upper

43 100

61 17.2 11.8 17.6

70 12.6 9.3 13.9

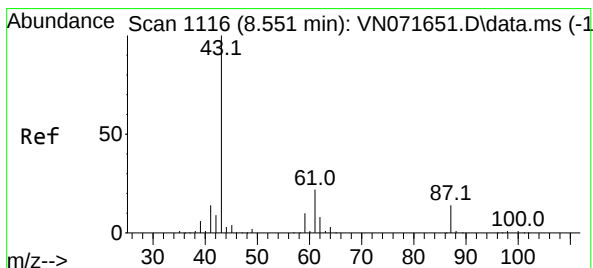
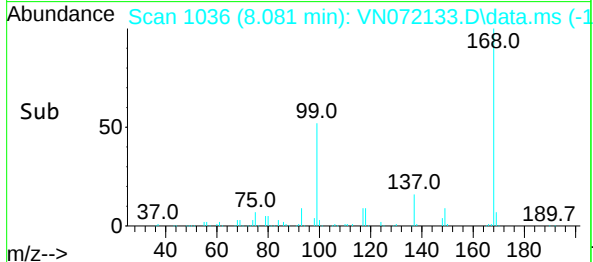
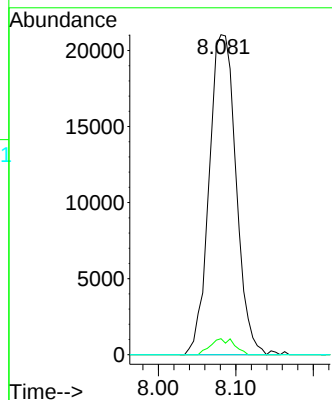
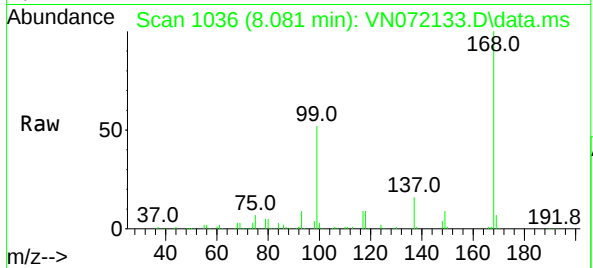




#38
Carbon Tetrachloride
Concen: 6.492 ug/l
RT: 8.081 min Scan# 1132
Delta R.T. -0.123 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

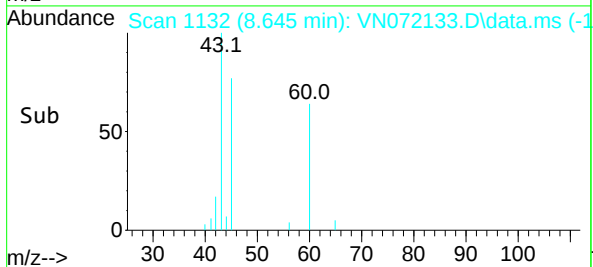
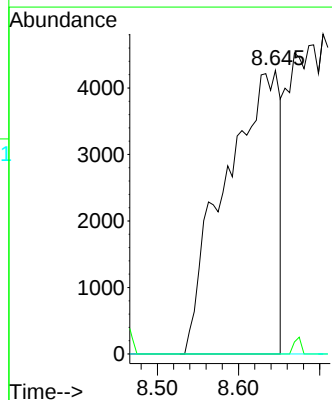
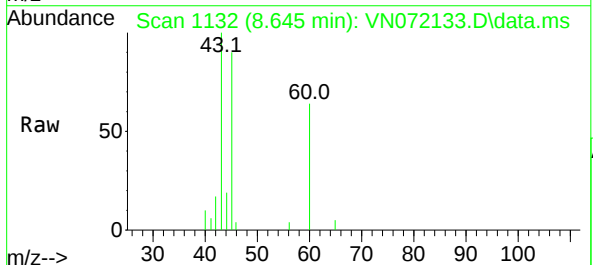
Instrument :
MSVOA_N
ClientSampleId :
MW-20R

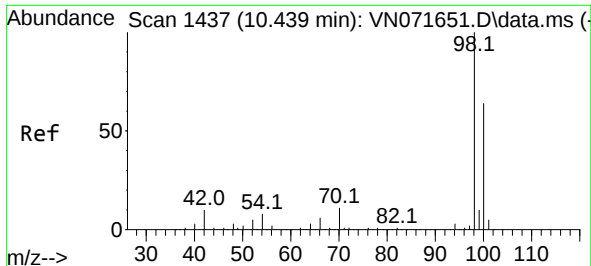
Tgt Ion:117 Resp: 50807
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.364 ug/l
RT: 8.645 min Scan# 1132
Delta R.T. 0.094 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

Tgt Ion: 43 Resp: 19831
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

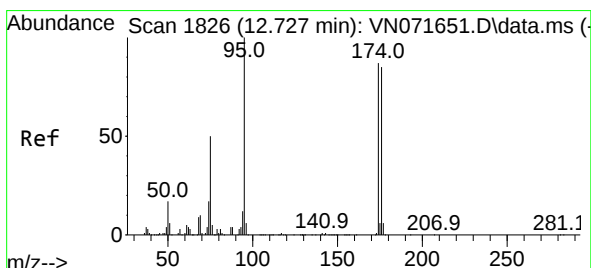
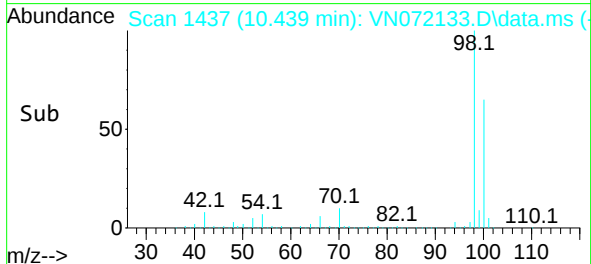
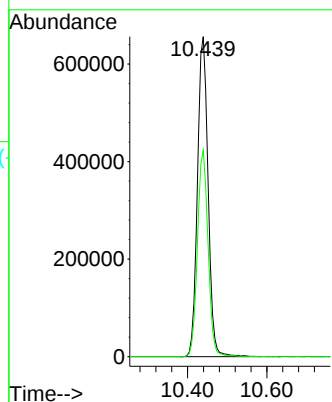
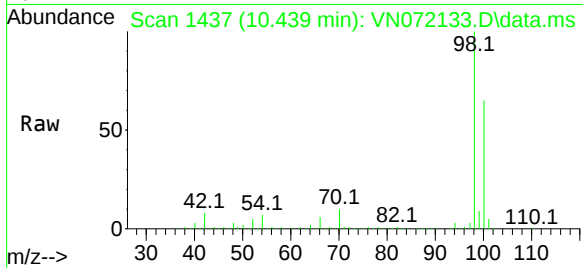




#50
Toluene-d8
Concen: 52.162 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

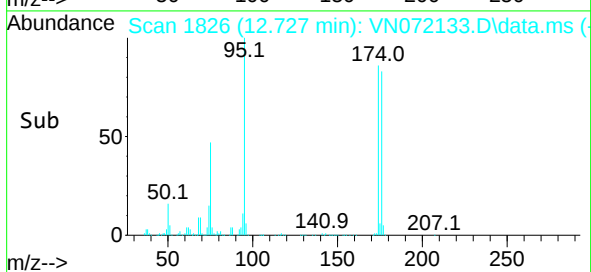
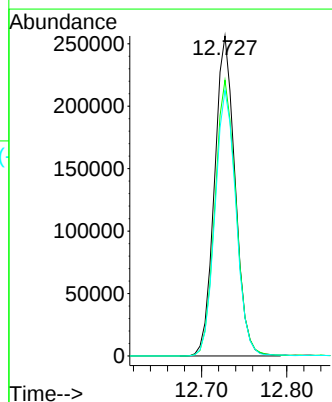
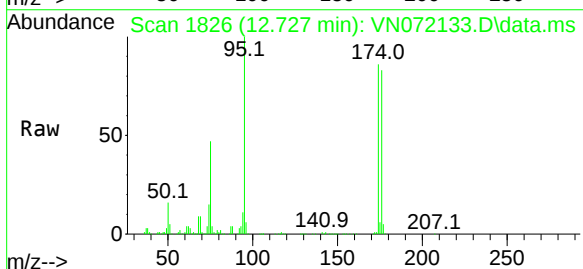
Instrument :
MSVOA_N
ClientSampleId :
MW-20R

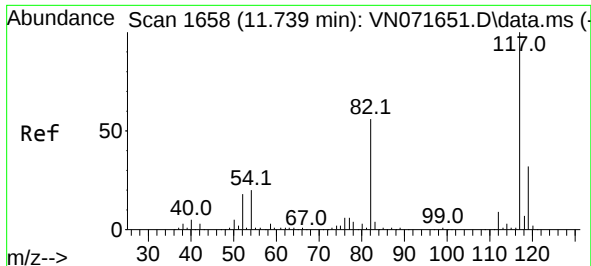
Tgt Ion: 98 Resp: 1220261
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.031 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

Tgt Ion: 95 Resp: 431487
Ion Ratio Lower Upper
95 100
174 87.9 0.0 167.6
176 84.5 0.0 163.4

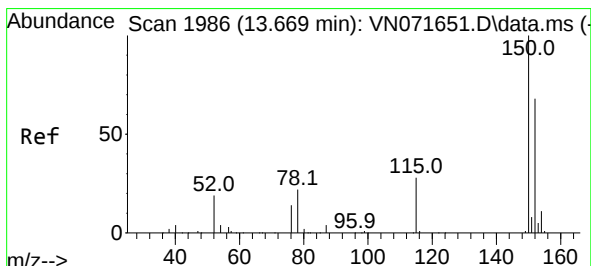
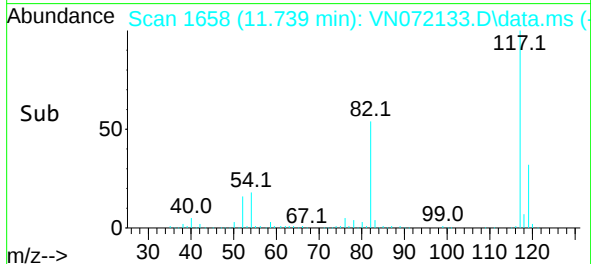
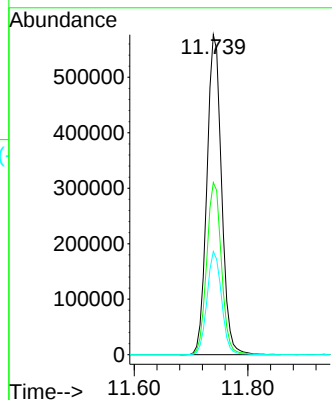
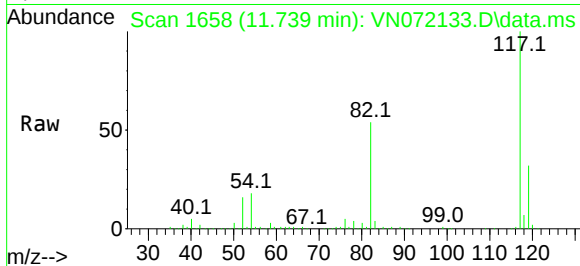




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

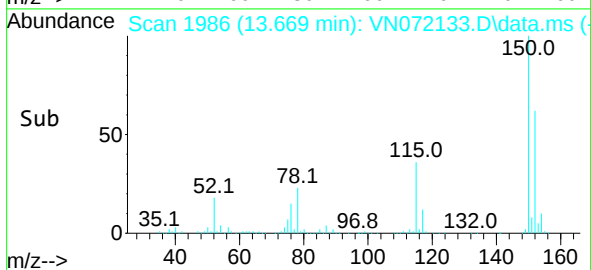
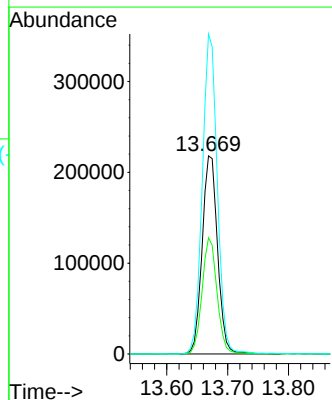
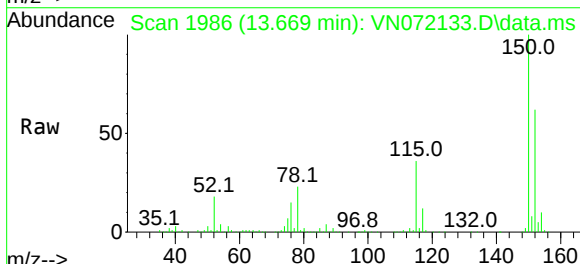
Instrument :
MSVOA_N
ClientSampleId :
MW-20R

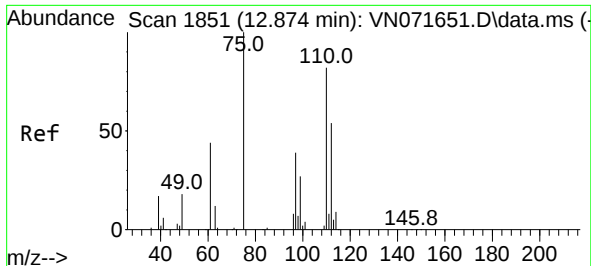
Tgt Ion:117 Resp: 1028257
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

Tgt Ion:152 Resp: 384447
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 156.7 0.0 356.2

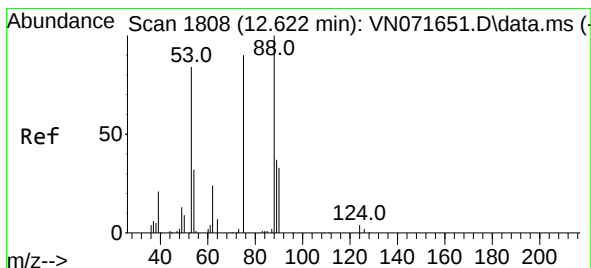
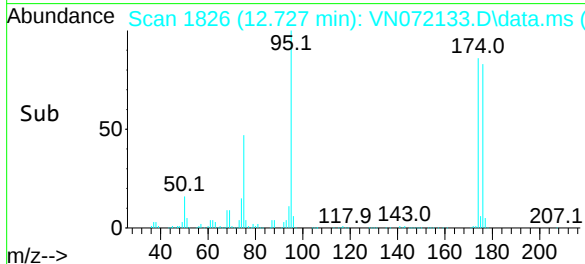
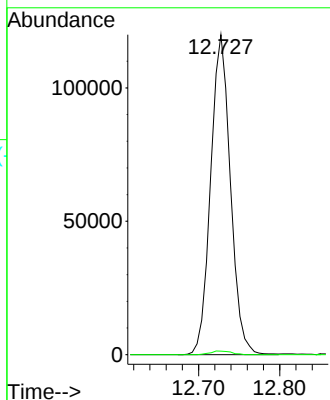
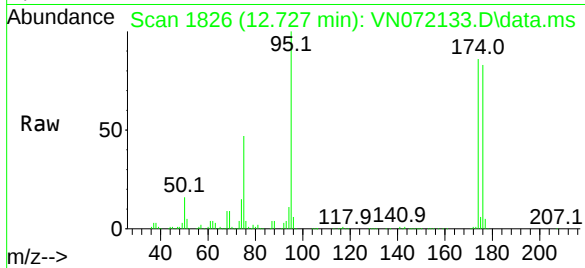




#76
1,2,3-Trichloropropane
Concen: 22.800 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

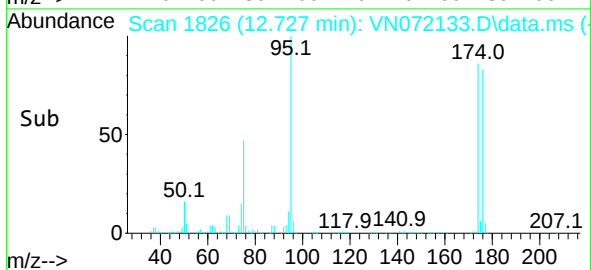
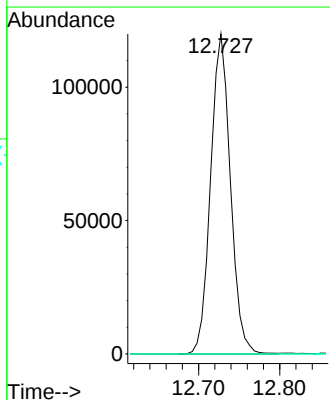
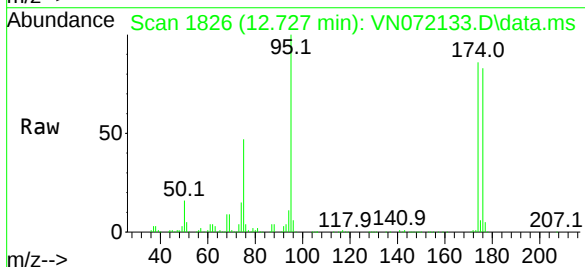
Instrument :
MSVOA_N
ClientSampleId :
MW-20R

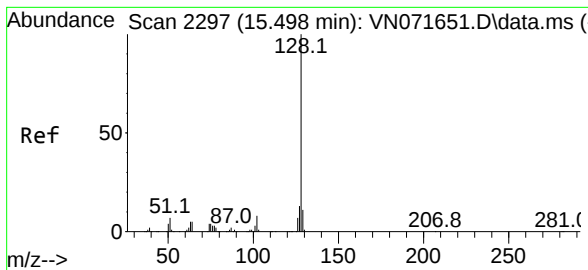
Tgt Ion: 75 Resp: 203057
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.656 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

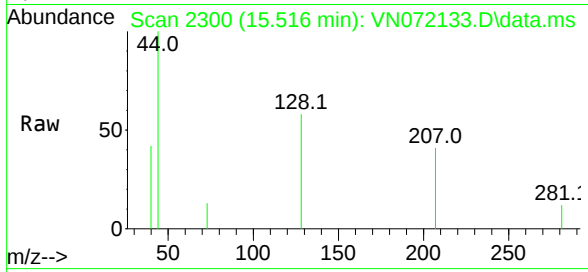
Tgt Ion: 75 Resp: 203057
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.854 ug/l
RT: 15.516 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN072133.D
Acq: 21 Apr 2022 18:21

Instrument :
MSVOA_N
ClientSampleId :
MW-20R



Tgt Ion:128 Resp: 970
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

