

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072243.D
 Acq On : 28 Apr 2022 17:23
 Operator : JC\MD
 Sample : N2617-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Apr 29 06:35:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

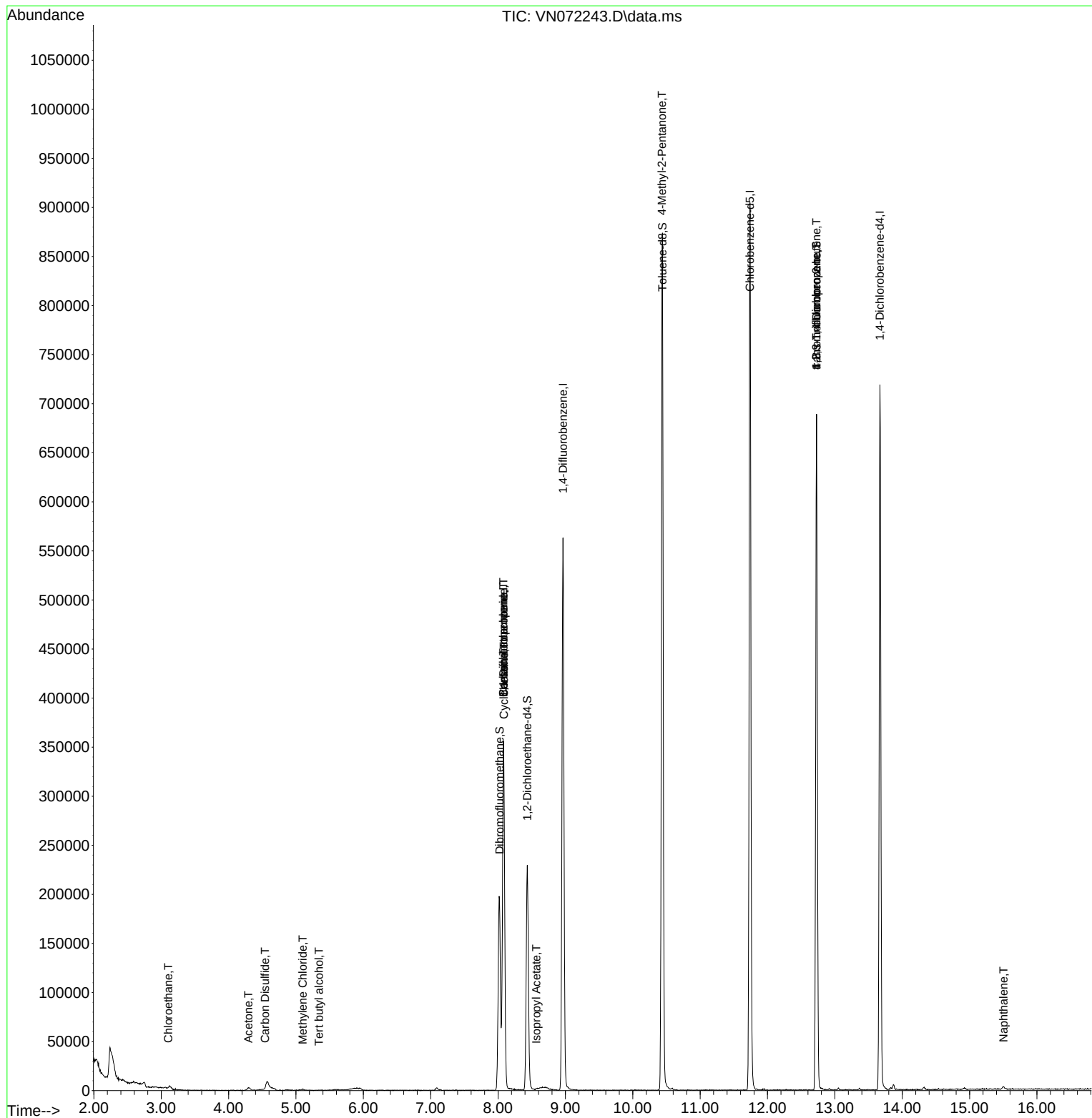
Internal Standards						
1) Pentafluorobenzene	8.081	168	252242	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	469531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	508336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	188322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	199424	51.498	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.000%			
35) Dibromofluoromethane	8.022	113	144924	48.223	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.440%			
50) Toluene-d8	10.439	98	602107	50.988	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.727	95	240022	61.236	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.480%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1649	Below Cal	#	85
5) Bromomethane	2.869	94	118	Below Cal	#	34
6) Chloroethane	3.104	64	4414	1.131	ug/l #	42
11) Tert butyl alcohol	5.340	59	130	0.204	ug/l #	72
16) Acetone	4.293	43	3511	2.103	ug/l	97
17) Carbon Disulfide	4.540	76	65	0.374	ug/l #	75
20) Methylene Chloride	5.098	84	867	0.271	ug/l #	54
31) Cyclohexane	8.086	56	6354	1.228	ug/l #	34
36) 1,1-Dichloropropene	8.081	75	21619	4.942	ug/l #	50
38) Carbon Tetrachloride	8.081	117	28416	6.065	ug/l #	17
43) Isopropyl Acetate	8.569	43	920	0.900	ug/l #	53
51) 4-Methyl-2-Pentanone	10.433	43	2668	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	134525	31.780	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	134525	82.596	ug/l #	10
95) Naphthalene	15.504	128	4306	4.703	ug/l #	89

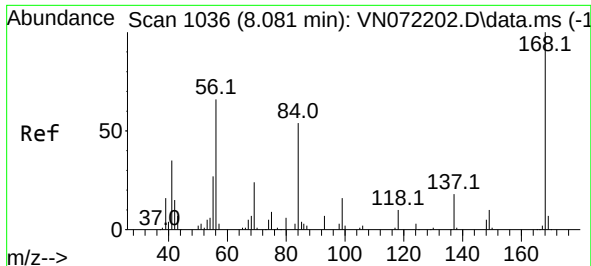
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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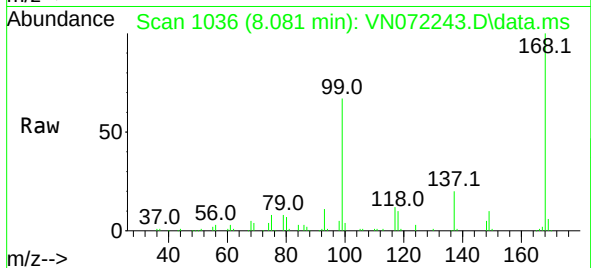
Quant Time: Apr 29 06:35:26 2022
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QLast Update : Tue Apr 26 18:50:11 2022
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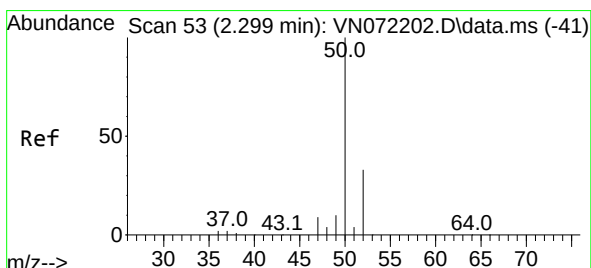
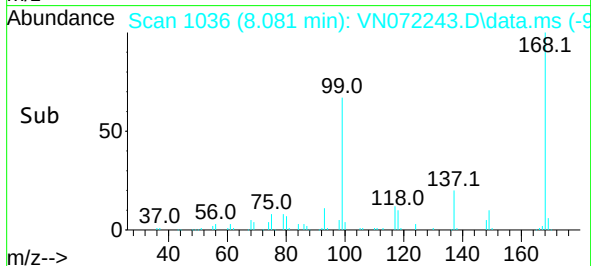
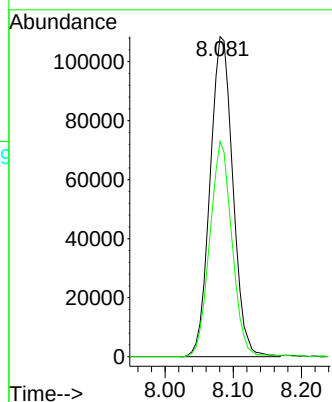


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
MW-8

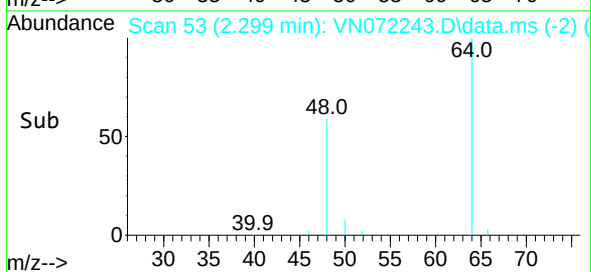
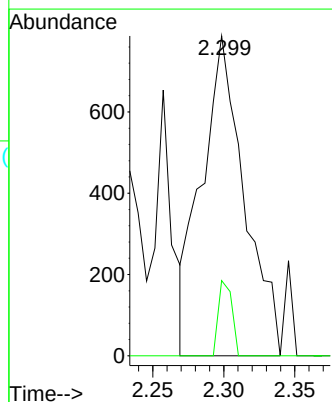
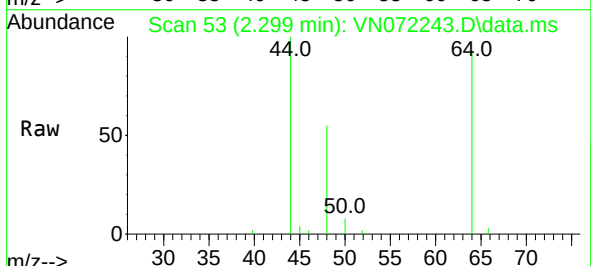


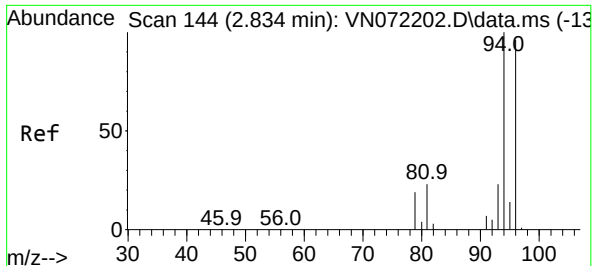
Tgt Ion:168 Resp: 252242
Ion Ratio Lower Upper
168 100
99 67.2 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

Tgt Ion: 50 Resp: 1649
Ion Ratio Lower Upper
50 100
52 23.5 25.7 38.5#

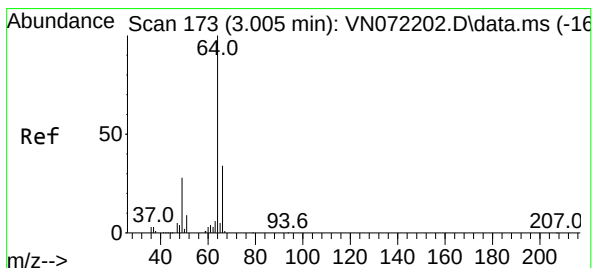
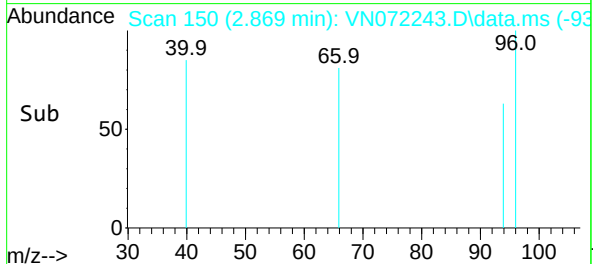
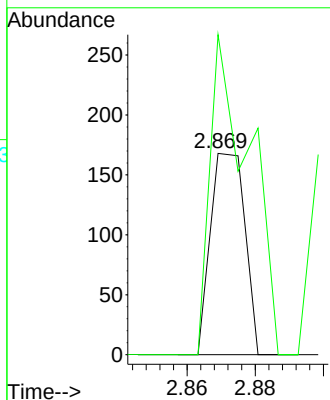
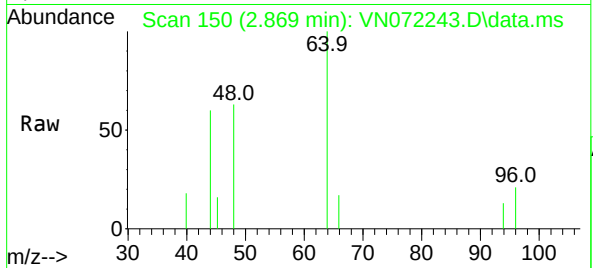




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

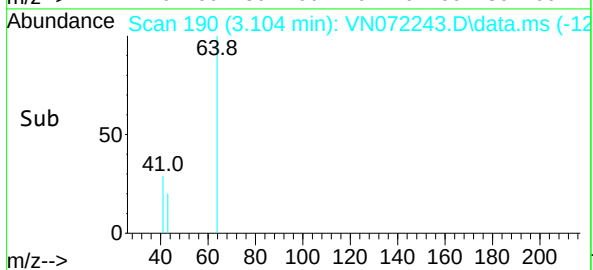
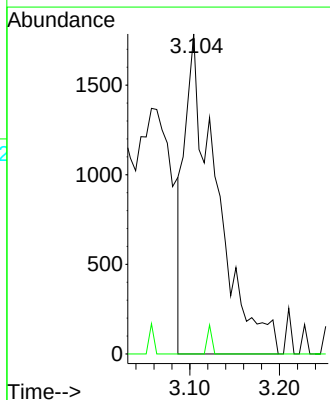
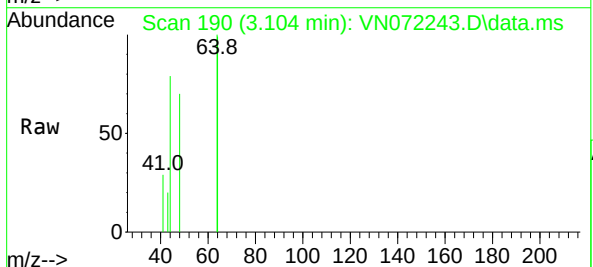
Instrument :
MSVOA_N
ClientSampleId :
MW-8

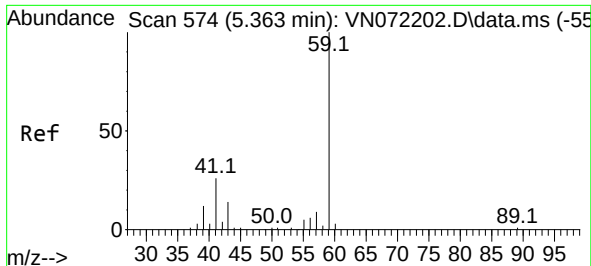
Tgt Ion: 94 Resp: 118
Ion Ratio Lower Upper
94 100
96 158.9 76.0 114.0#



#6
Chloroethane
Concen: 1.131 ug/l
RT: 3.104 min Scan# 190
Delta R.T. 0.099 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

Tgt Ion: 64 Resp: 4414
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

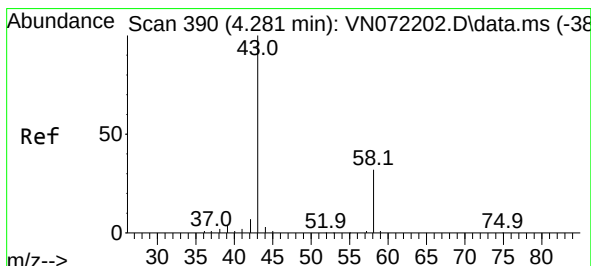
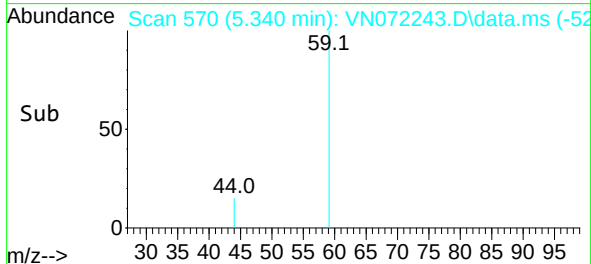
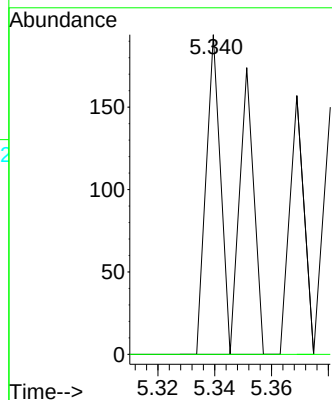
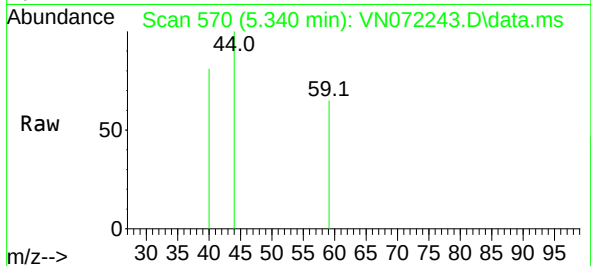




#11
Tert butyl alcohol
Concen: 0.204 ug/l
RT: 5.340 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

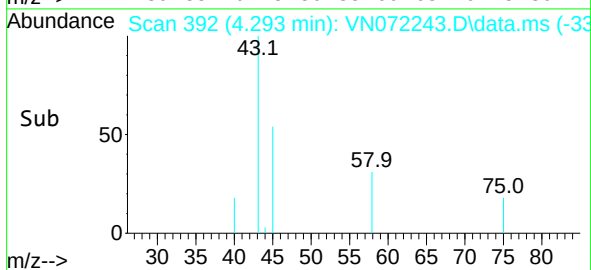
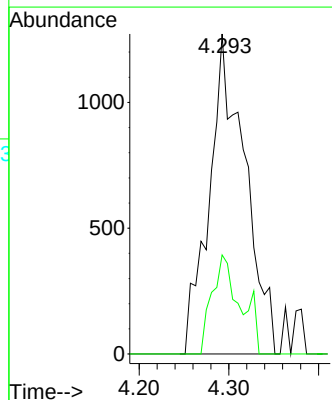
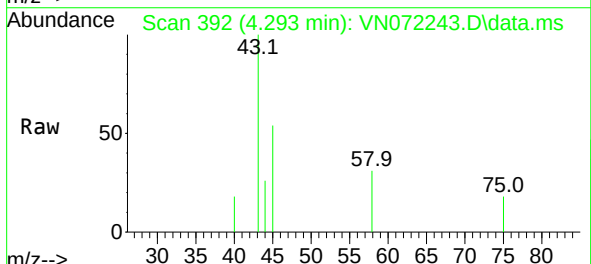
Instrument :
MSVOA_N
ClientSampleId :
MW-8

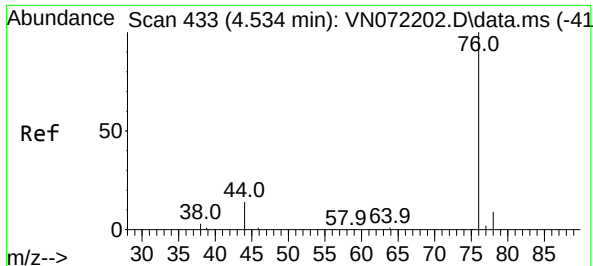
Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.103 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

Tgt Ion: 43 Resp: 3511
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0





#17

Carbon Disulfide

Concen: 0.374 ug/l

RT: 4.540 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

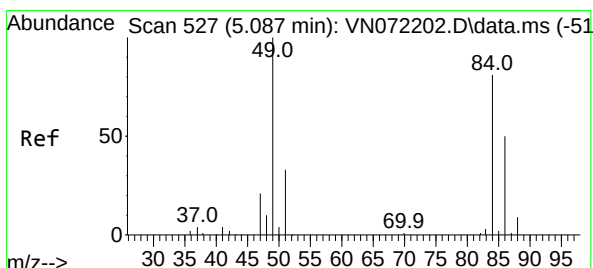
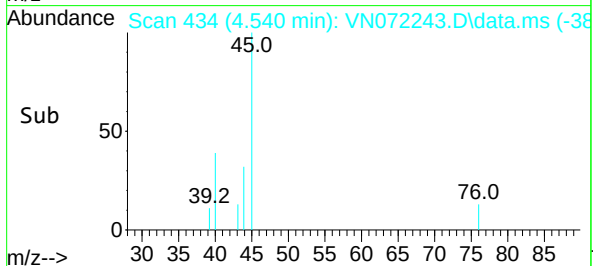
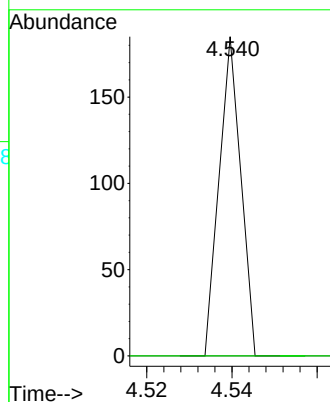
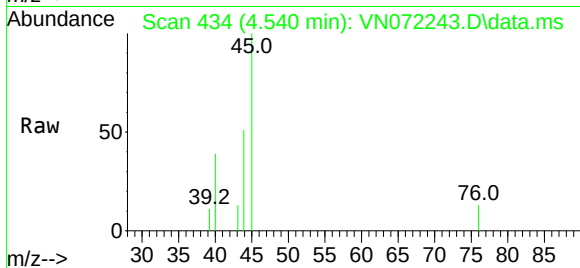
MW-8

Tgt Ion: 76 Resp: 65

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.271 ug/l

RT: 5.098 min Scan# 529

Delta R.T. 0.011 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

Tgt Ion: 84 Resp: 867

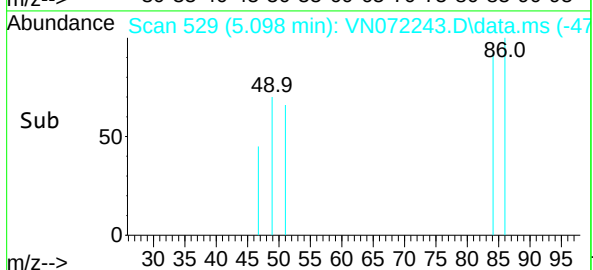
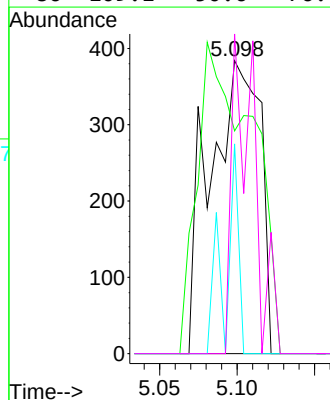
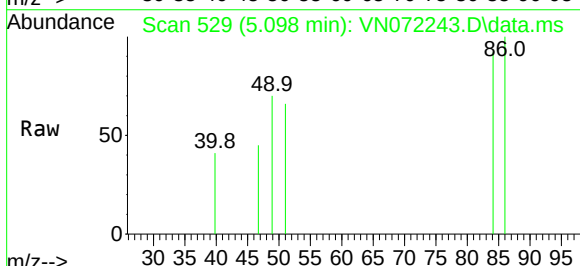
Ion Ratio Lower Upper

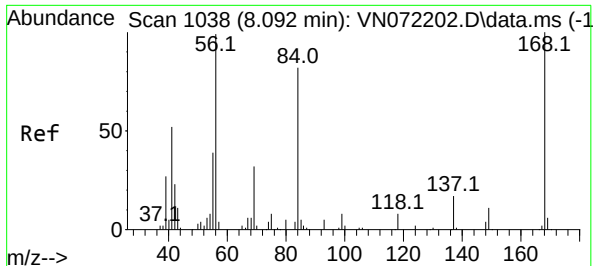
84 100

49 76.0 88.3 132.5#

51 71.6 28.2 42.2#

86 109.1 50.6 76.0#





#31

Cyclohexane

Concen: 1.228 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

MW-8

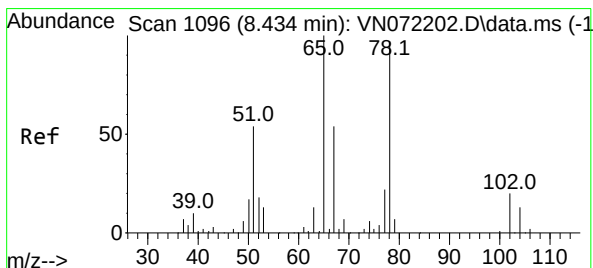
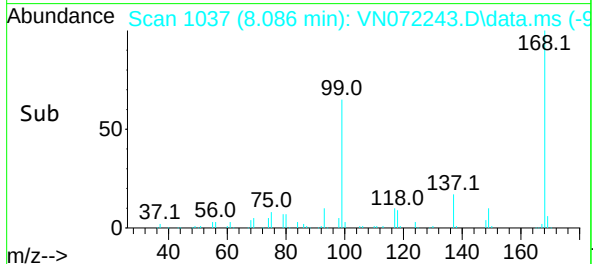
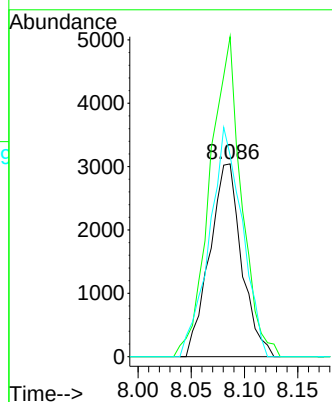
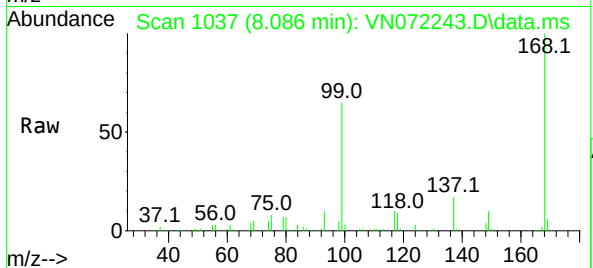
Tgt Ion: 56 Resp: 6354

Ion Ratio Lower Upper

56 100

69 166.0 27.8 41.8#

84 104.4 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 51.498 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072243.D

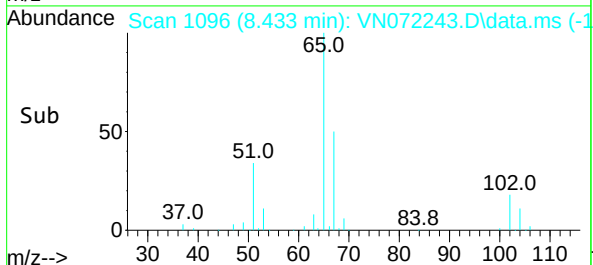
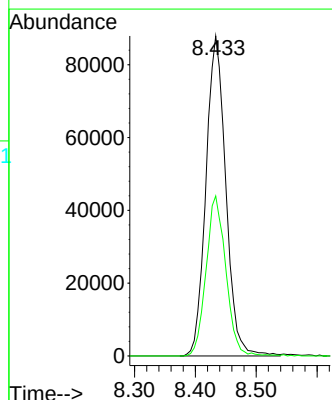
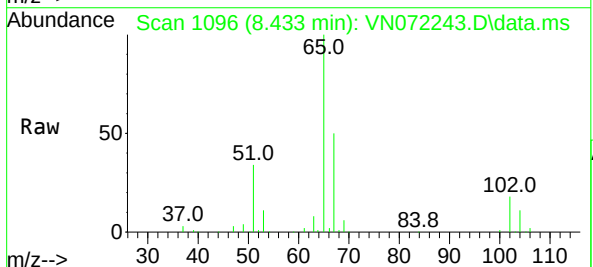
Acq: 28 Apr 2022 17:23

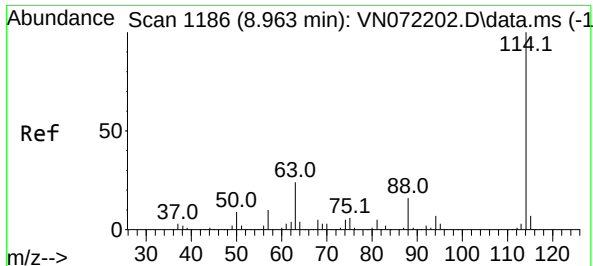
Tgt Ion: 65 Resp: 199424

Ion Ratio Lower Upper

65 100

67 49.8 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: VN072243.D

Acq: 28 Apr 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

MW-8

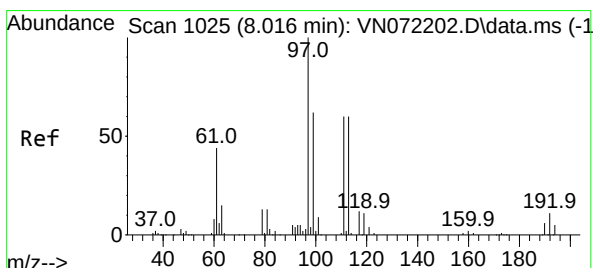
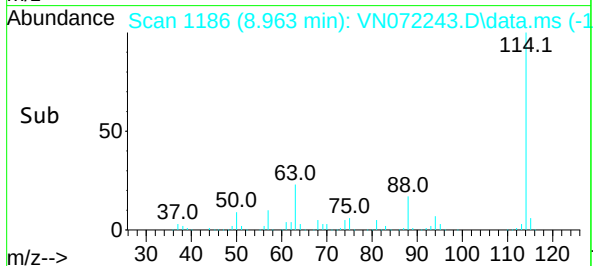
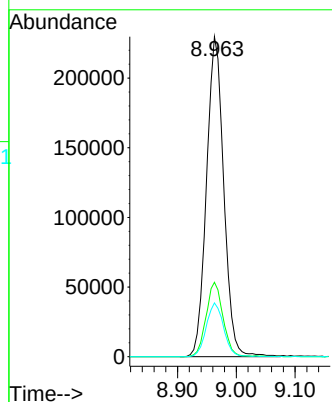
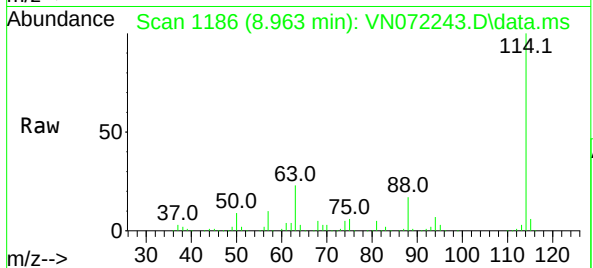
Tgt Ion:114 Resp: 469531

Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.223 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

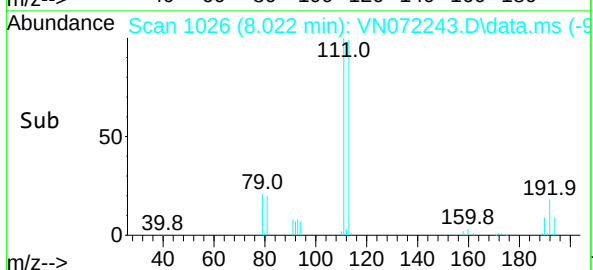
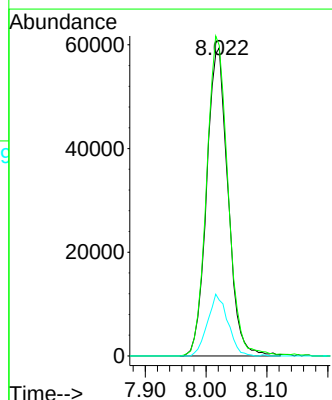
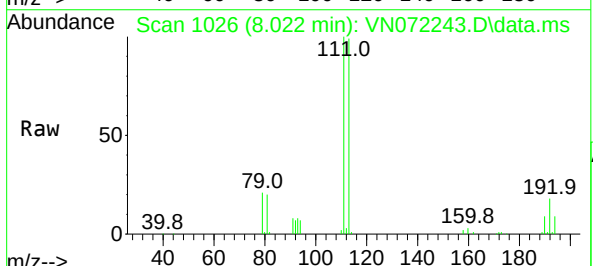
Tgt Ion:113 Resp: 144924

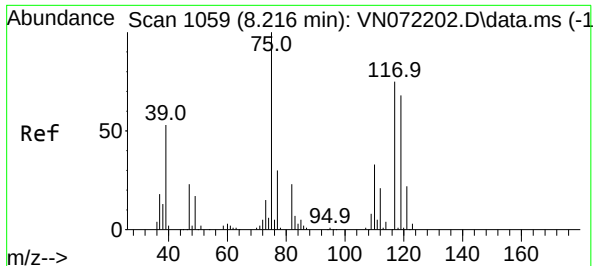
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 19.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.942 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

MW-8

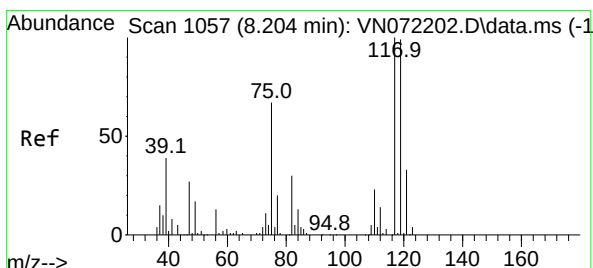
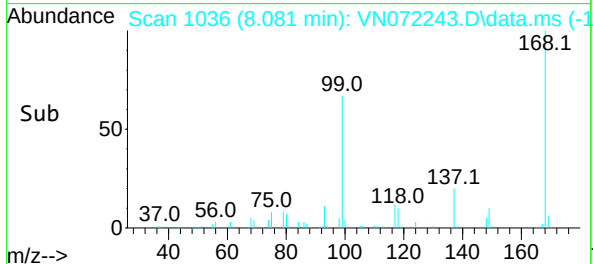
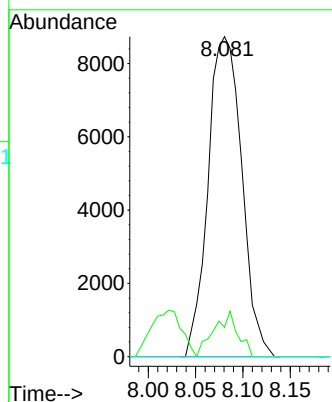
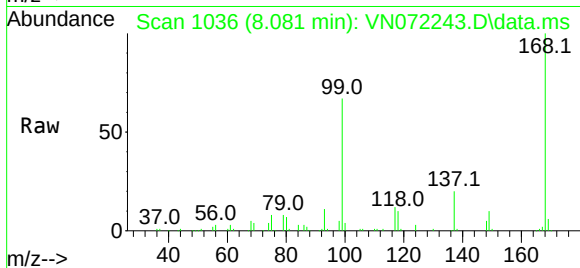
Tgt Ion: 75 Resp: 21619

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.065 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

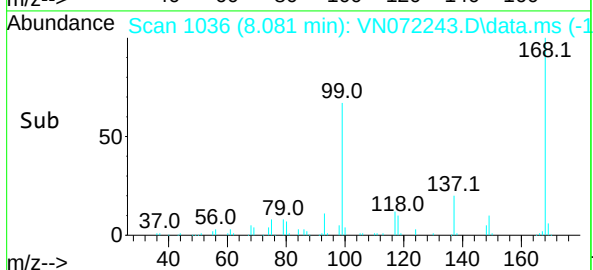
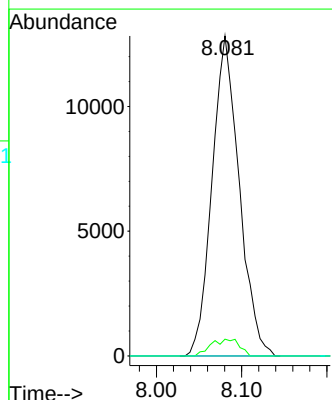
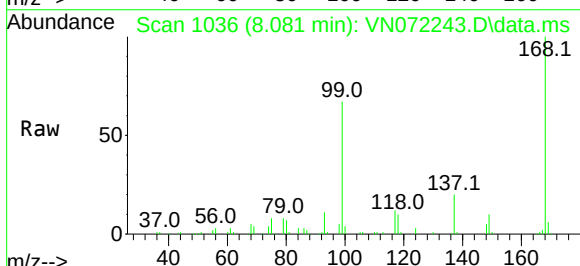
Tgt Ion: 117 Resp: 28416

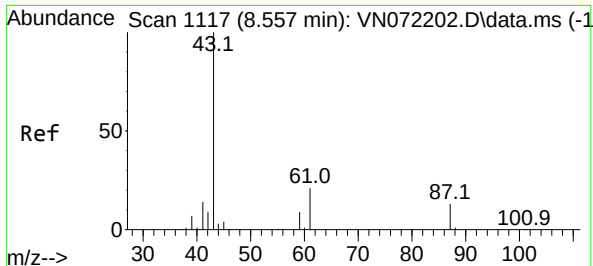
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.900 ug/l

RT: 8.569 min Scan# 1119

Delta R.T. 0.012 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

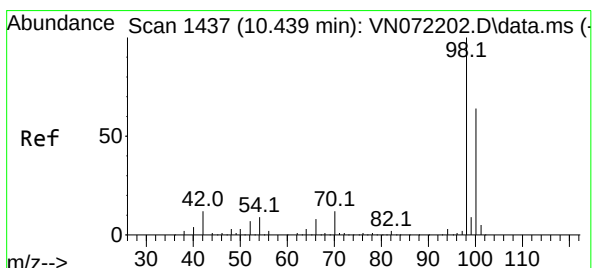
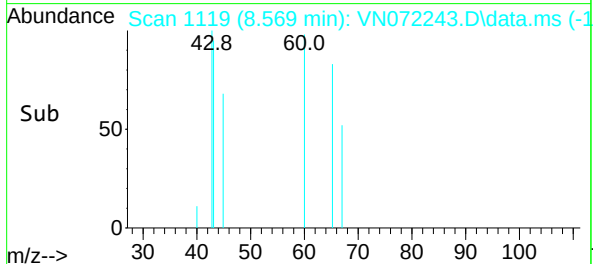
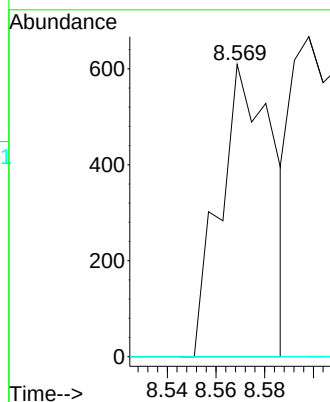
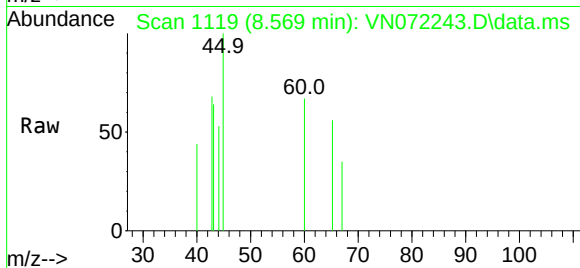
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 43	Resp: 920
Ion Ratio	Lower Upper
43	100
61	0.0 21.9 32.9#
87	0.0 12.0 18.0#



#50

Toluene-d8

Concen: 50.988 ug/l

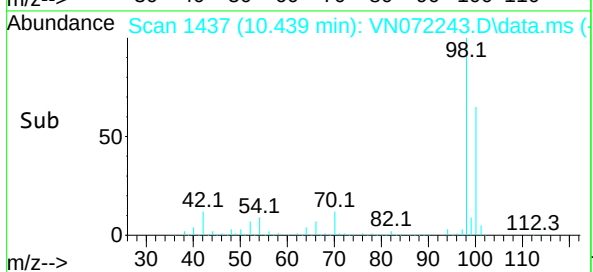
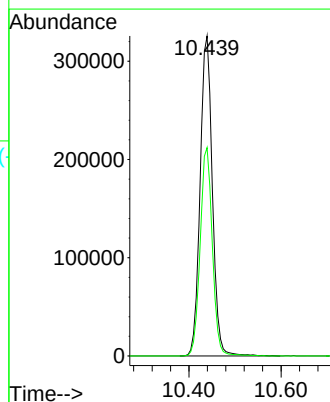
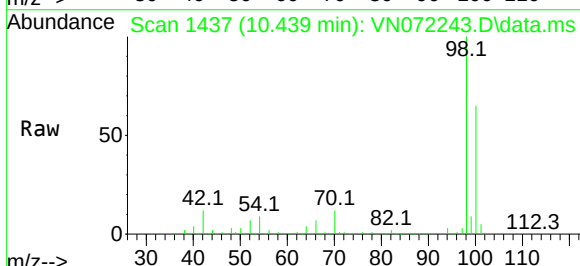
RT: 10.439 min Scan# 1437

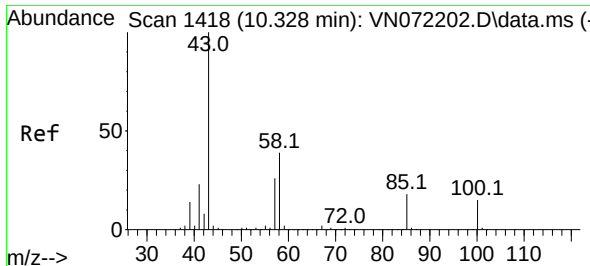
Delta R.T. 0.000 min

Lab File: VN072243.D

Acq: 28 Apr 2022 17:23

Tgt Ion: 98	Resp: 602107
Ion Ratio	Lower Upper
98	100
100	65.0 52.6 78.8

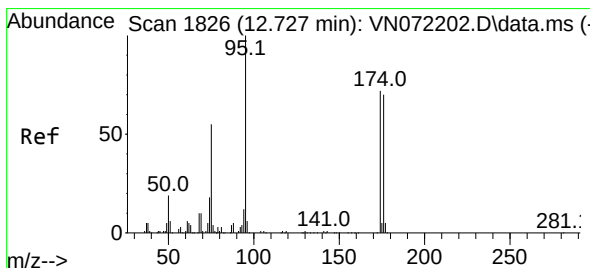
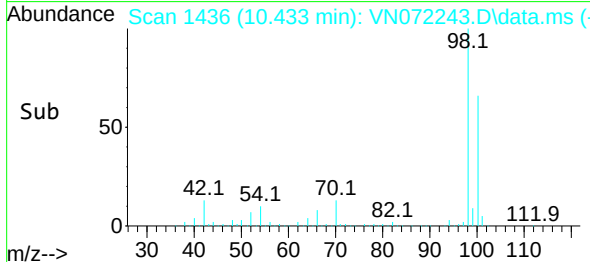
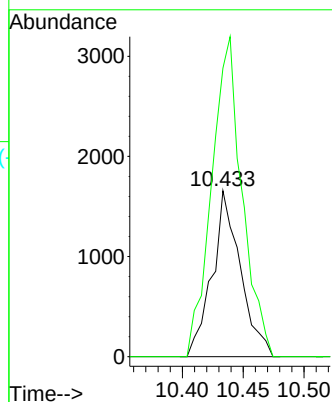
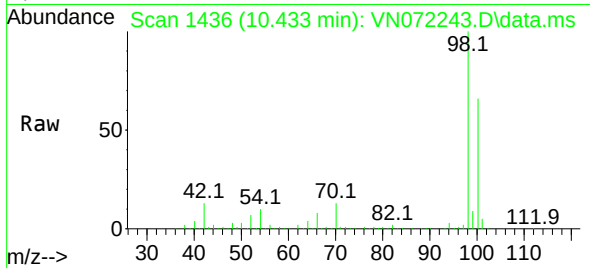




#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 10.433 min Scan# 1418
Delta R.T. 0.105 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

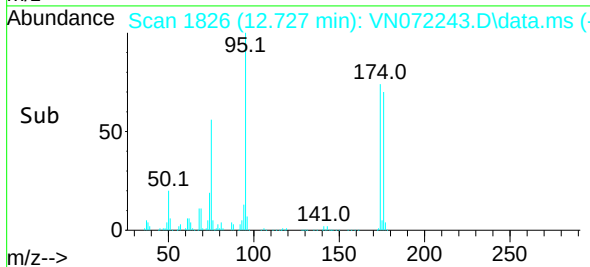
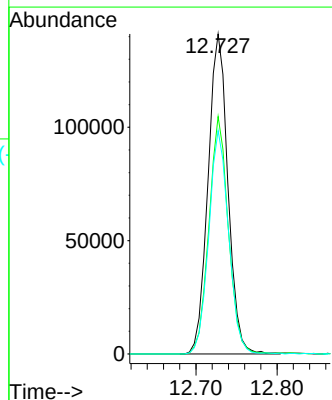
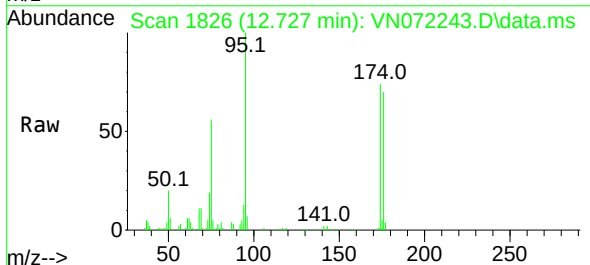
Instrument :
MSVOA_N
ClientSampleId :
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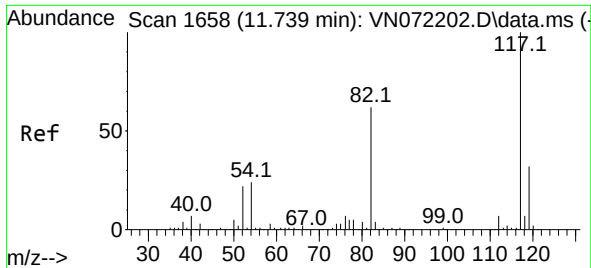
Tgt Ion: 43 Resp: 2668
Ion Ratio Lower Upper
43 100
58 208.2 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 61.236 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

Tgt Ion: 95 Resp: 240022
Ion Ratio Lower Upper
95 100
174 72.5 0.0 167.6
176 69.4 0.0 163.4

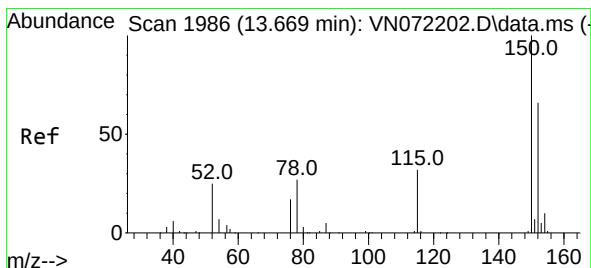
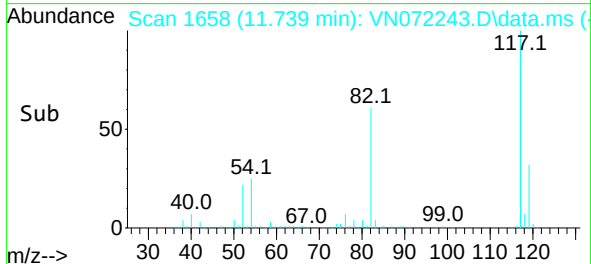
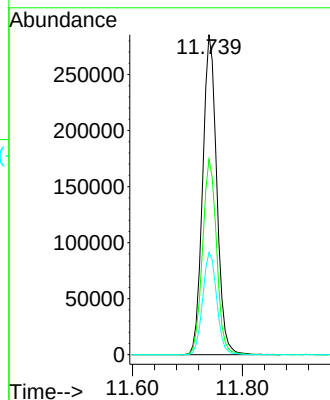
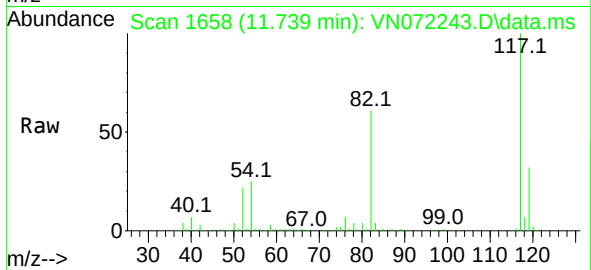




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

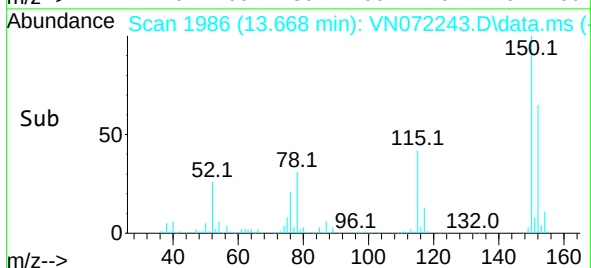
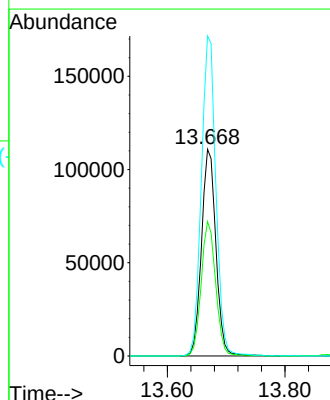
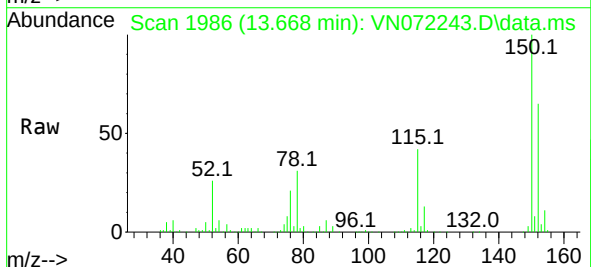
Instrument :
MSVOA_N
ClientSampleId :
MW-8

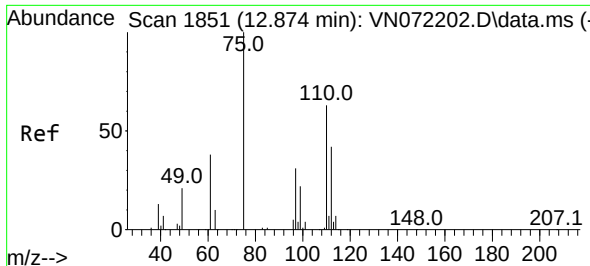
Tgt Ion:117 Resp: 508336
Ion Ratio Lower Upper
117 100
82 61.0 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

Tgt Ion:152 Resp: 188322
Ion Ratio Lower Upper
152 100
115 65.3 28.9 86.7
150 155.9 0.0 356.2

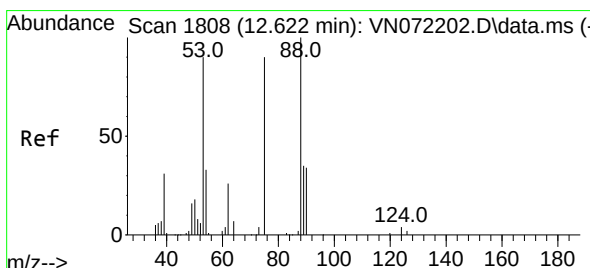
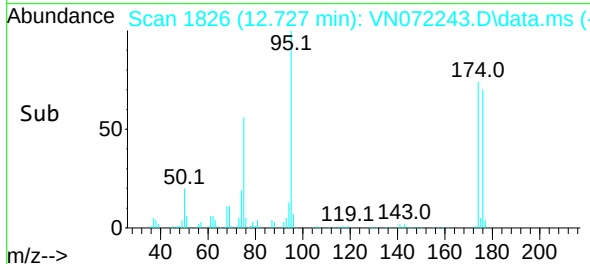
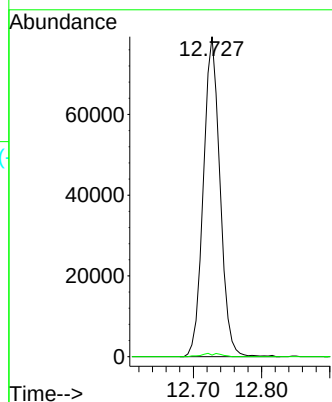
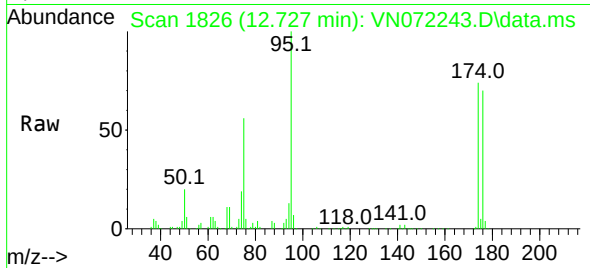




#76
1,2,3-Trichloropropane
Concen: 31.780 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

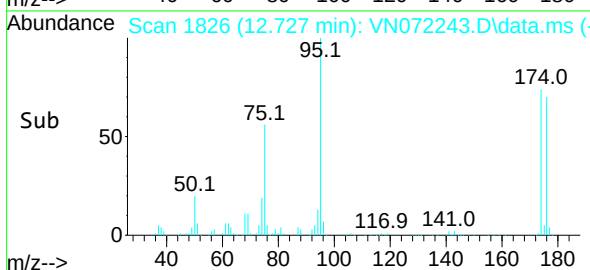
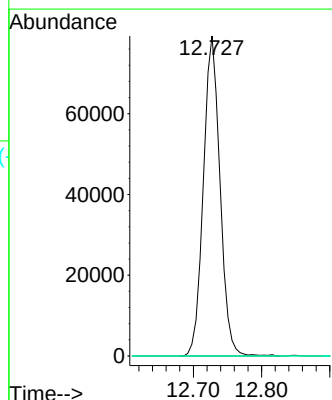
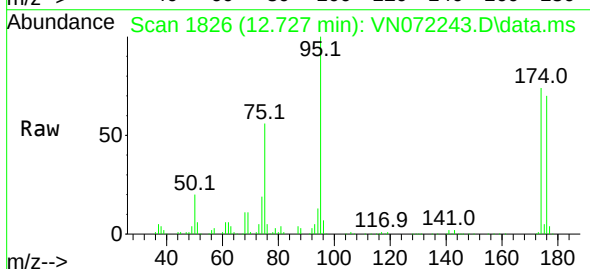
Instrument :
MSVOA_N
ClientSampleId :
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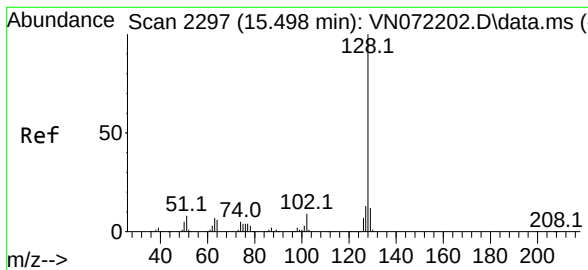
Tgt Ion: 75 Resp: 134525
Ion Ratio Lower Upper
75 100
77 0.7 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.596 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

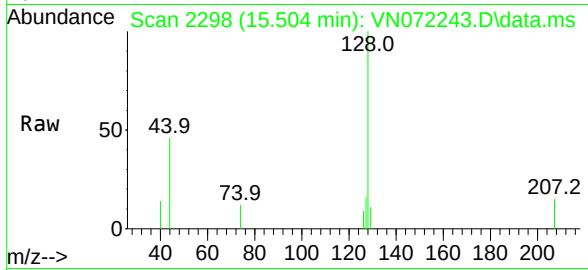
Tgt Ion: 75 Resp: 134525
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 4.703 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072243.D
Acq: 28 Apr 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
MW-8



Tgt Ion:	128	Resp:	4306
Ion Ratio	Lower	Upper	
128	100		
127	8.8	10.3	15.5#
129	6.5	8.6	13.0#

