

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072456.D
 Acq On : 12 May 2022 16:32
 Operator : JC\MD
 Sample : N2800-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: May 13 02:46:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

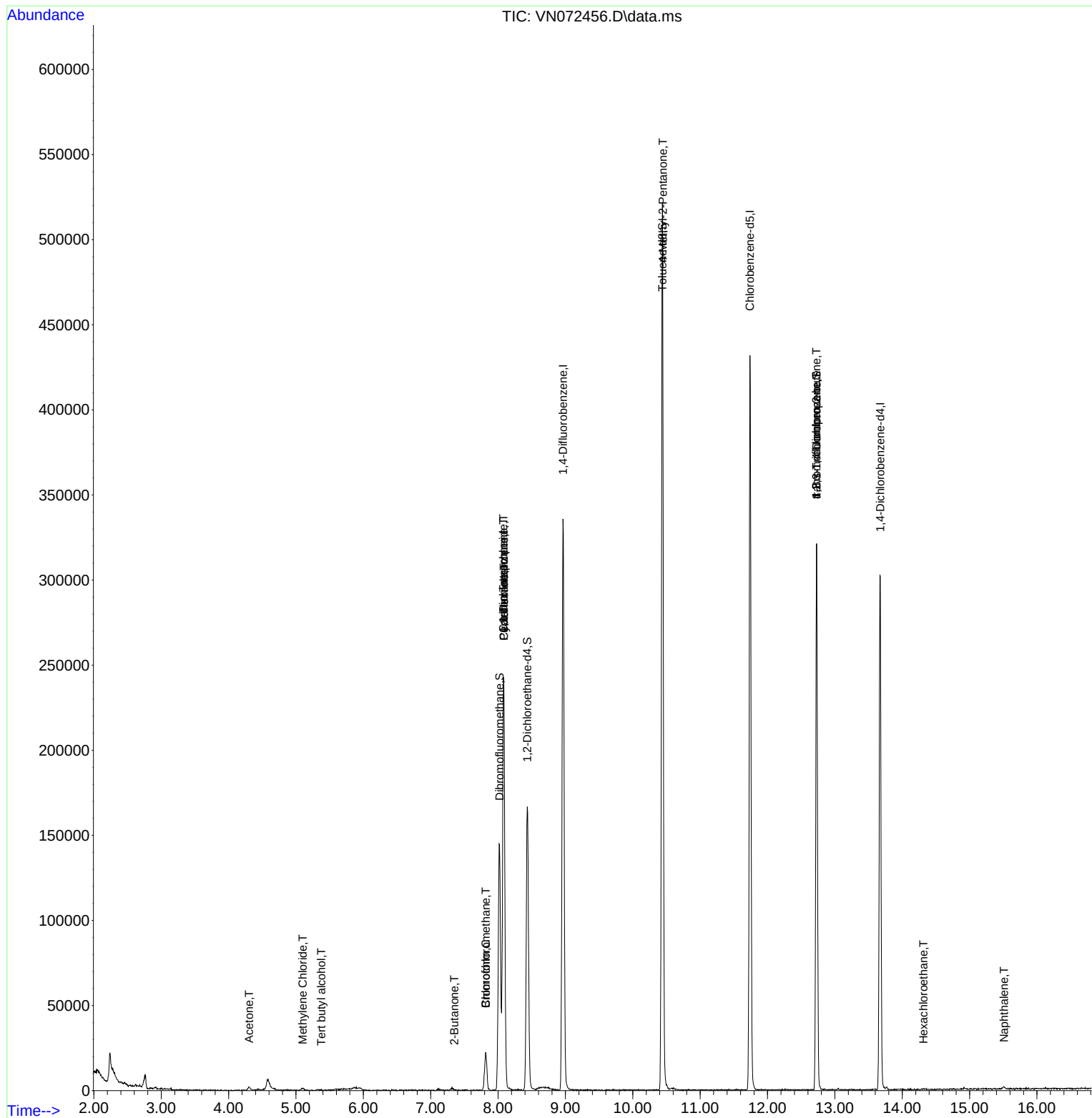
Internal Standards						
1) Pentafluorobenzene	8.086	168	173684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	293817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	246041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	85558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	159075	59.797	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 119.600%	
35) Dibromofluoromethane	8.022	113	104690	53.557	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.120%	
50) Toluene-d8	10.439	98	355414	47.740	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	12.727	95	108106	43.725	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 87.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	874	Below Cal	#	43
6) Chloroethane	2.969	64	130	Below Cal	#	42
11) Tert butyl alcohol	5.375	59	194	0.446	ug/l #	72
16) Acetone	4.304	43	2830	2.686	ug/l	91
20) Methylene Chloride	5.098	84	1068	0.494	ug/l #	57
25) 2-Butanone	7.351	43	442	0.266	ug/l #	45
28) Bromochloromethane	7.816	49	1914	1.208	ug/l #	8
30) Chloroform	7.816	83	21625	5.696	ug/l	96
31) Cyclohexane	8.086	56	4303	1.221	ug/l #	38
36) 1,1-Dichloropropene	8.081	75	15589	5.552	ug/l #	51
38) Carbon Tetrachloride	8.081	117	20277	6.453	ug/l #	16
51) 4-Methyl-2-Pentanone	10.445	43	1708	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	60036	26.904	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	60036	89.751	ug/l #	11
90) Hexachloroethane	14.315	117	301	0.285	ug/l #	9
95) Naphthalene	15.509	128	2451	3.738	ug/l #	72

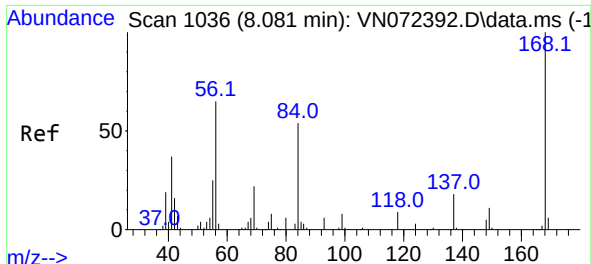
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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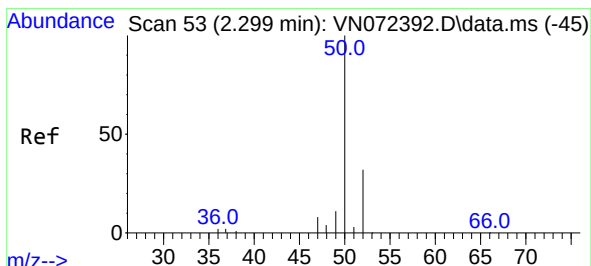
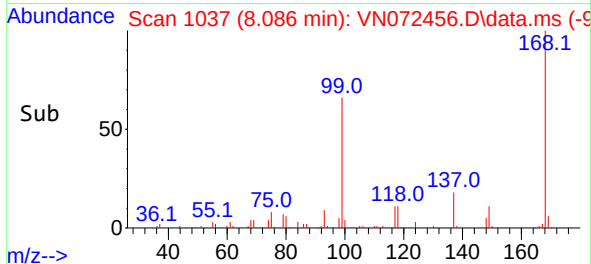
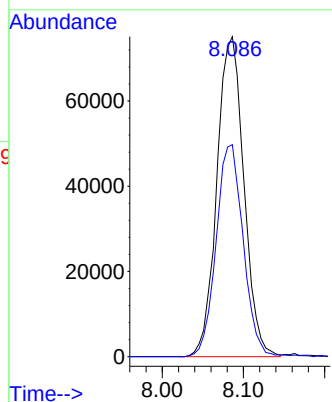
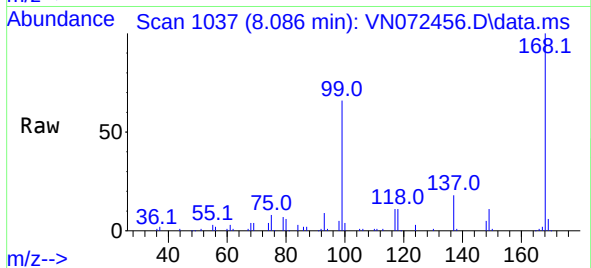




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

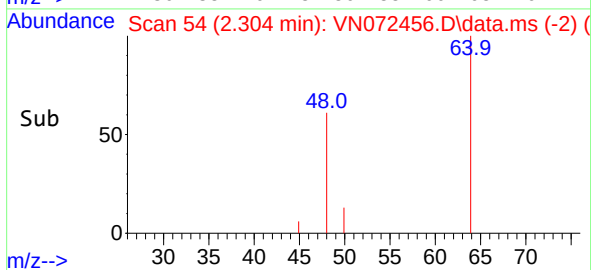
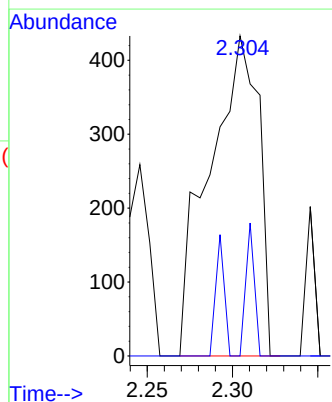
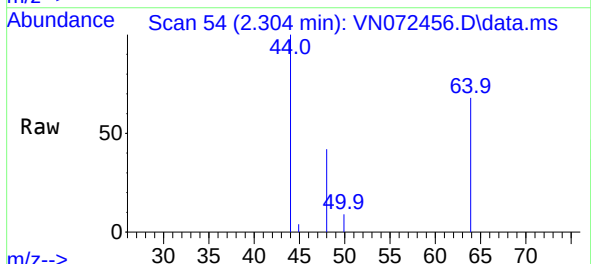
Instrument :
MSVOA_N
ClientSampleId :
MW-16

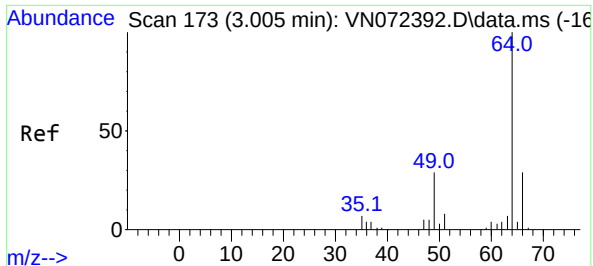
Tgt Ion:168 Resp: 173684
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 50 Resp: 874
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

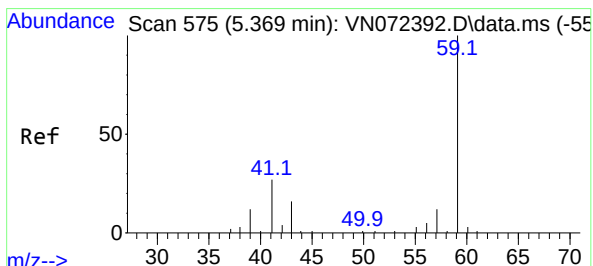
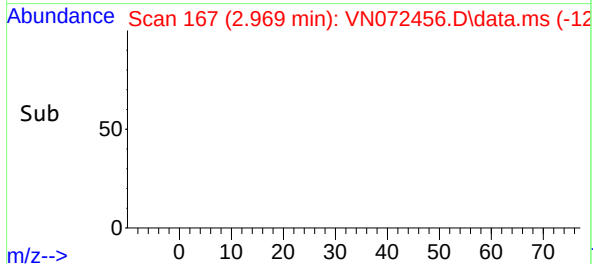
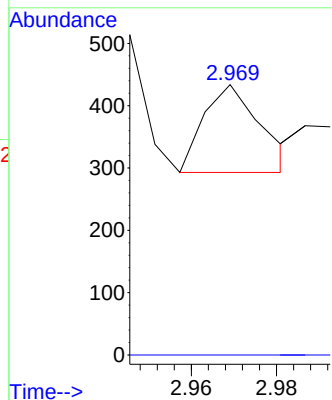
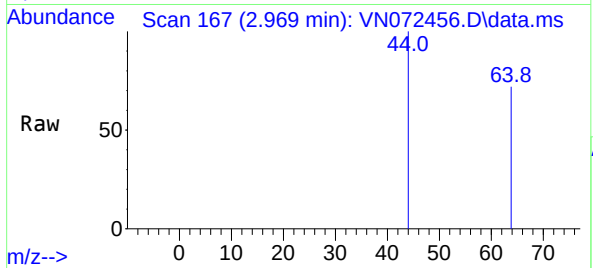




#6
Chloroethane
Concen: Below Cal
RT: 2.969 min Scan# 11
Delta R.T. -0.036 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

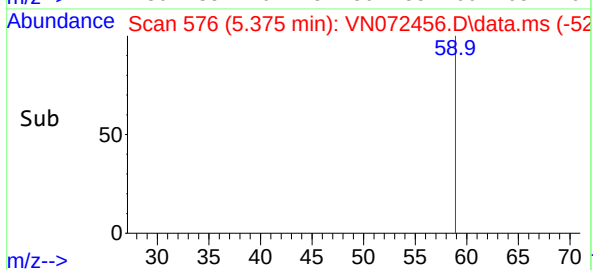
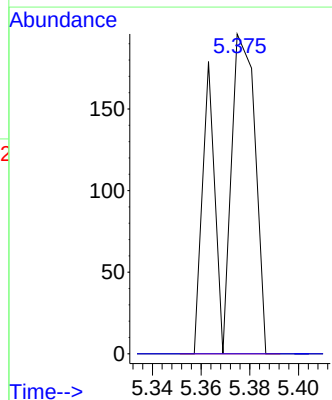
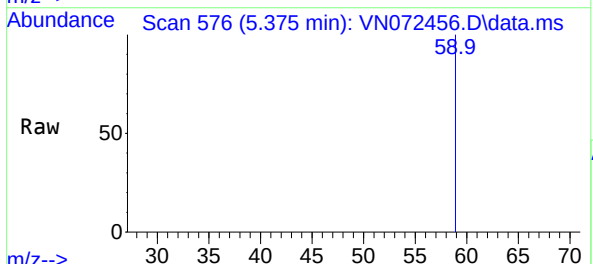
Instrument :
MSVOA_N
ClientSampleId :
MW-16

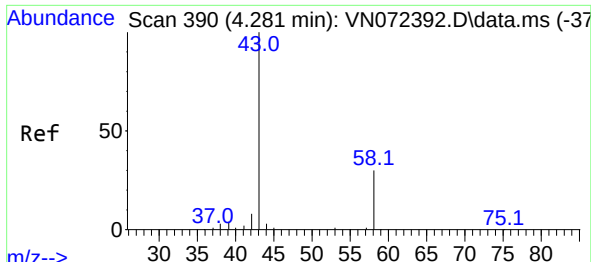
Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.446 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.006 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

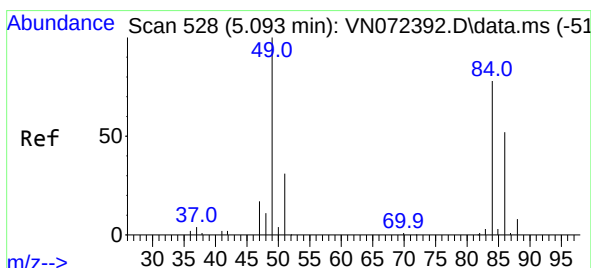
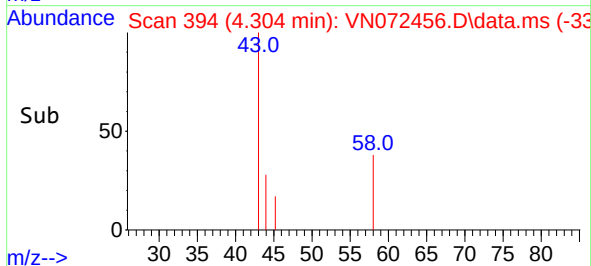
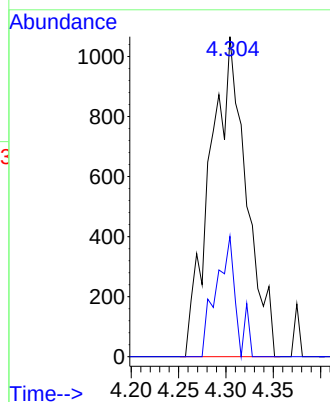
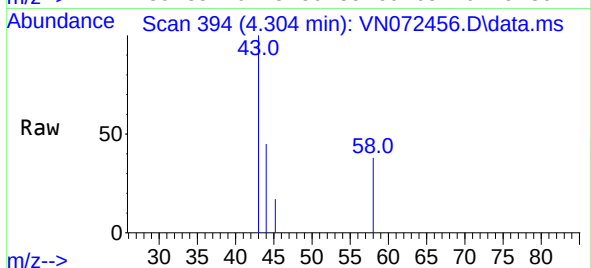




#16
Acetone
Concen: 2.686 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

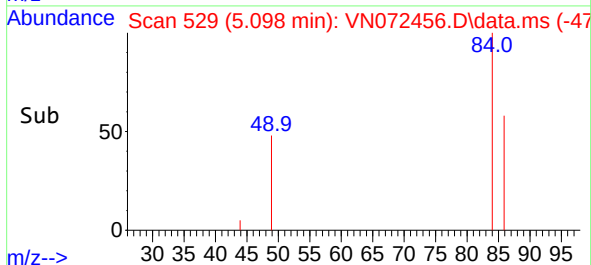
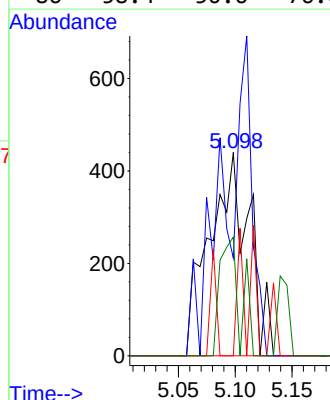
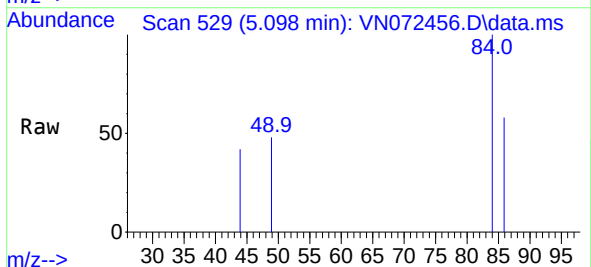
Instrument :
MSVOA_N
ClientSampleId :
MW-16

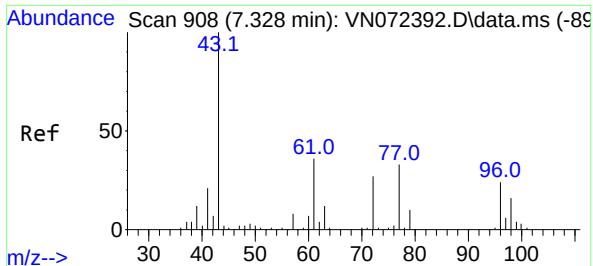
Tgt Ion: 43 Resp: 2830
Ion Ratio Lower Upper
43 100
58 37.6 26.0 39.0



#20
Methylene Chloride
Concen: 0.494 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 84 Resp: 1068
Ion Ratio Lower Upper
84 100
49 48.2 88.3 132.5#
51 0.0 28.2 42.2#
86 58.4 50.6 76.0





#25

2-Butanone

Concen: 0.266 ug/l

RT: 7.351 min Scan# 911

Delta R.T. 0.023 min

Lab File: VN072456.D

Acq: 12 May 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

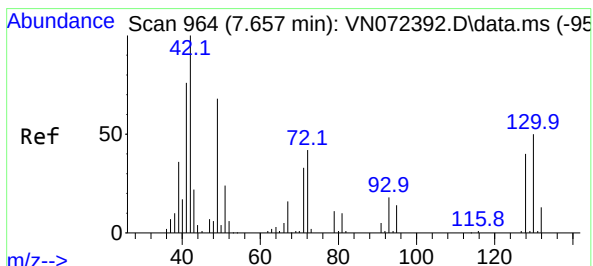
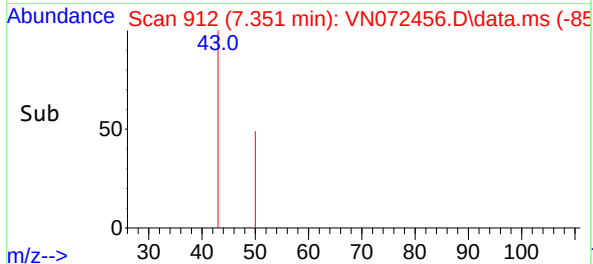
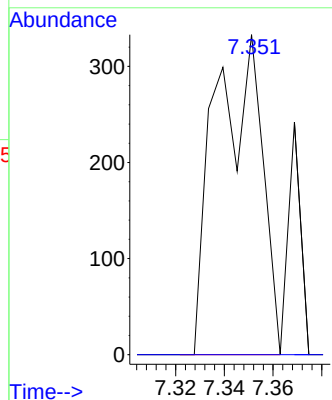
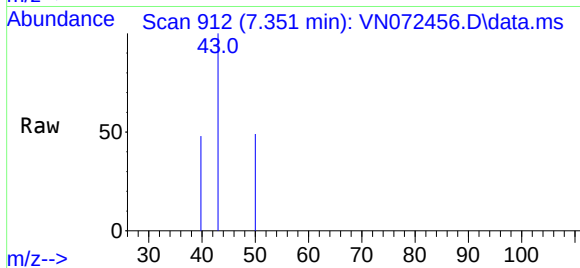
MW-16

Tgt Ion: 43 Resp: 442

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#28

Bromochloromethane

Concen: 1.208 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.159 min

Lab File: VN072456.D

Acq: 12 May 2022 16:32

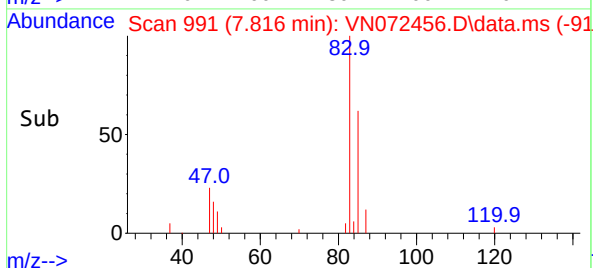
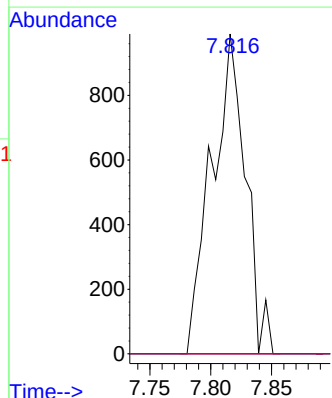
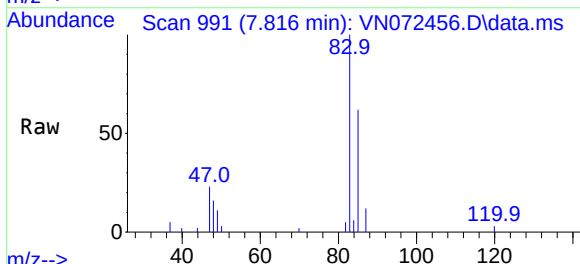
Tgt Ion: 49 Resp: 1914

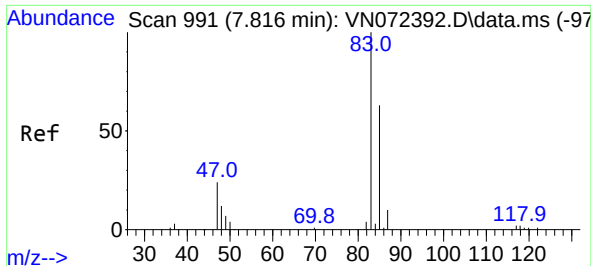
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 69.7 104.5#

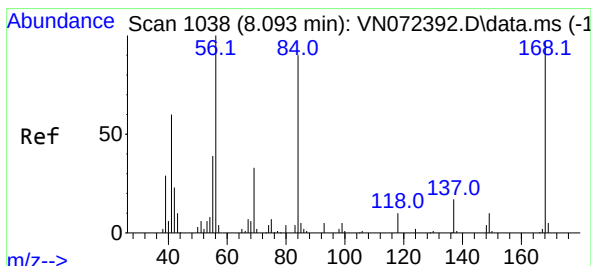
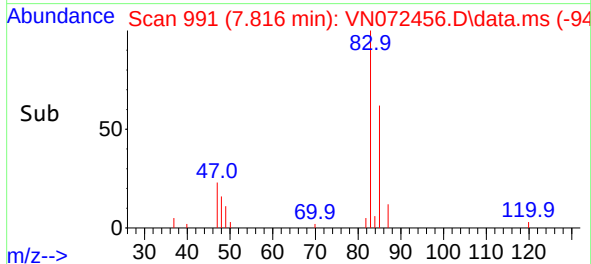
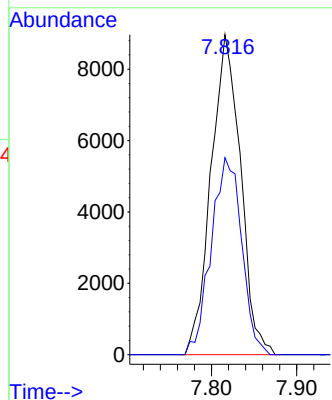
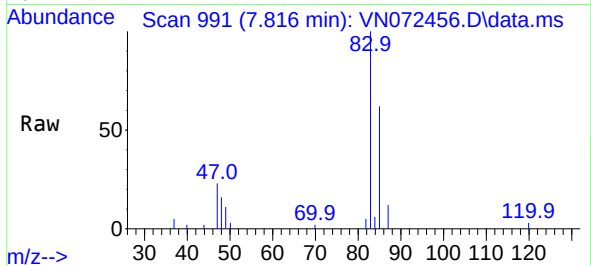




#30
Chloroform
Concen: 5.696 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

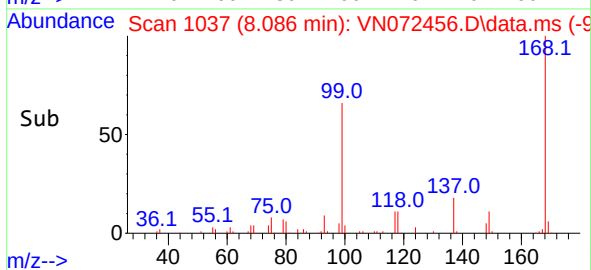
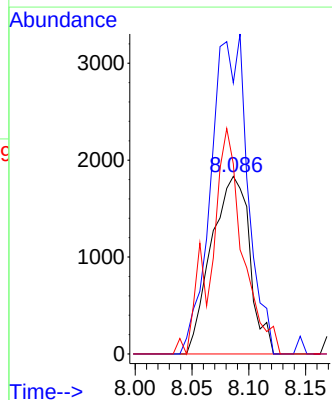
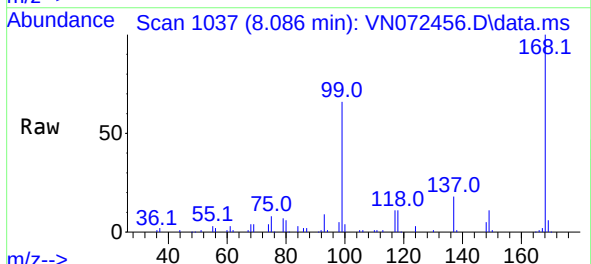
Instrument :
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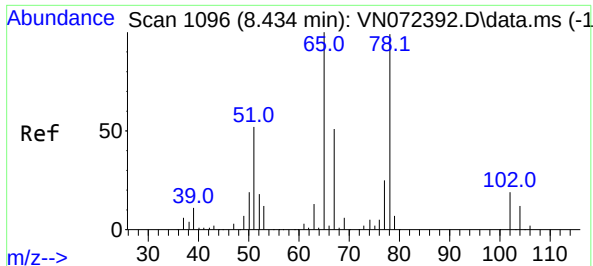
Tgt Ion: 83 Resp: 21625
Ion Ratio Lower Upper
83 100
85 61.5 51.8 77.8



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 56 Resp: 4303
Ion Ratio Lower Upper
56 100
69 152.7 27.8 41.8#
84 107.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 59.797 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072456.D

Acq: 12 May 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

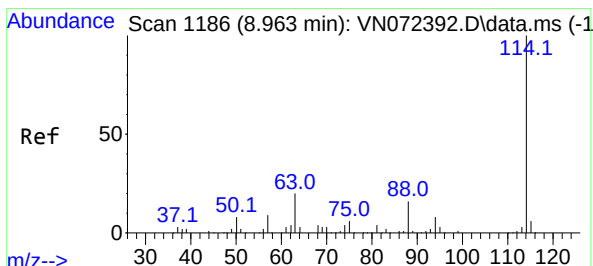
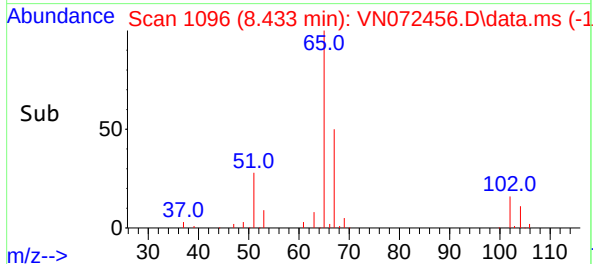
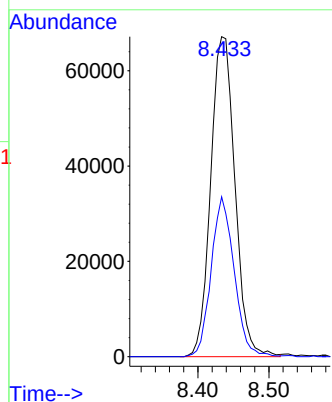
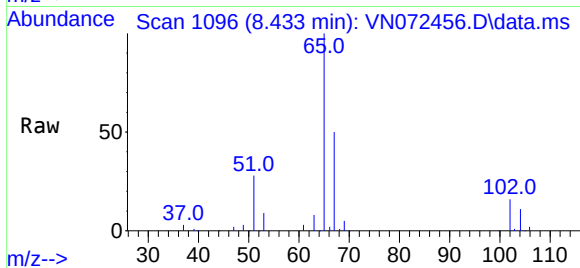
MW-16

Tgt Ion: 65 Resp: 159075

Ion Ratio Lower Upper

65 100

67 47.4 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: VN072456.D

Acq: 12 May 2022 16:32

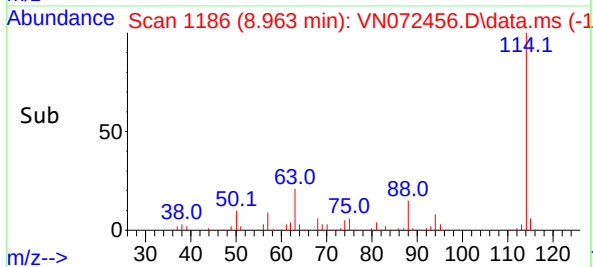
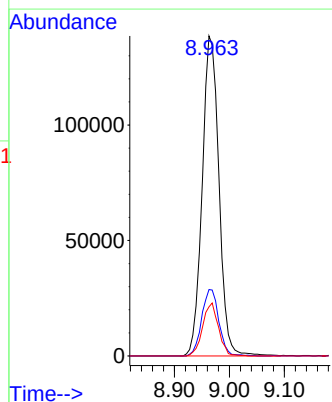
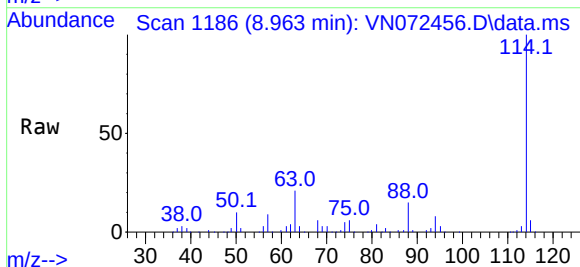
Tgt Ion: 114 Resp: 293817

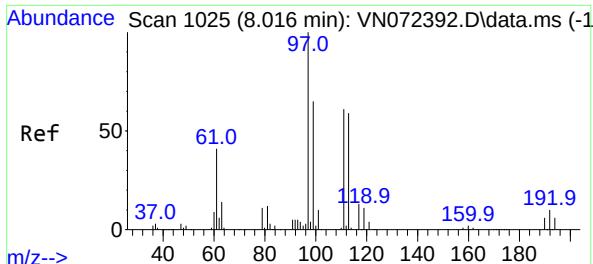
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.4 0.0 32.6

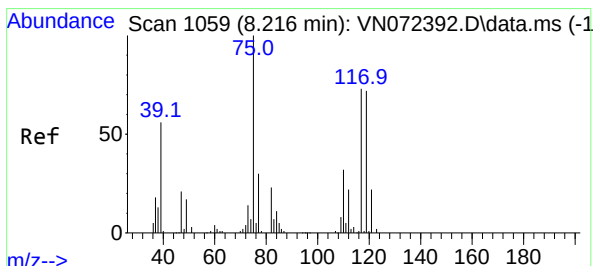
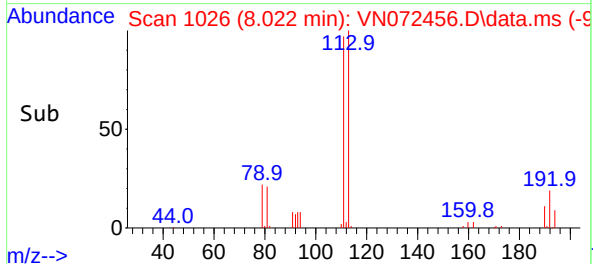
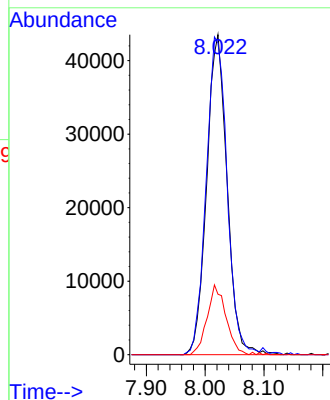
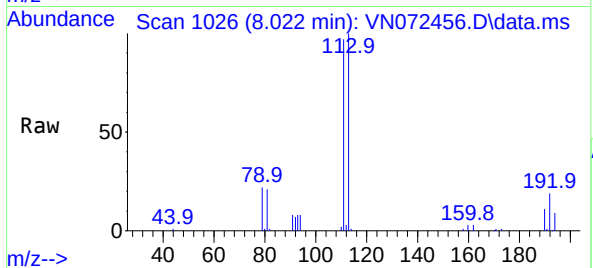




#35
Dibromofluoromethane
Concen: 53.557 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

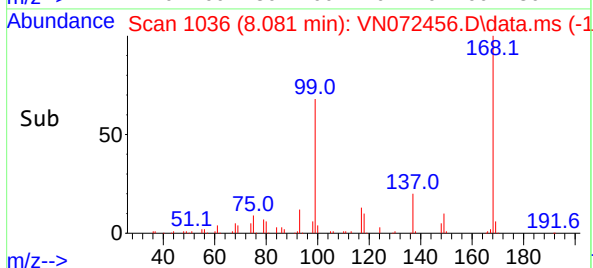
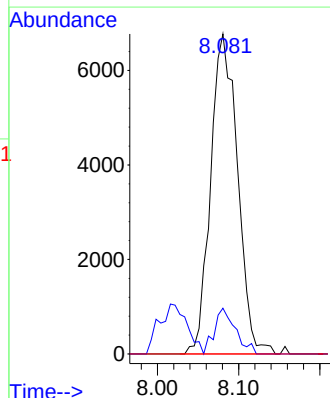
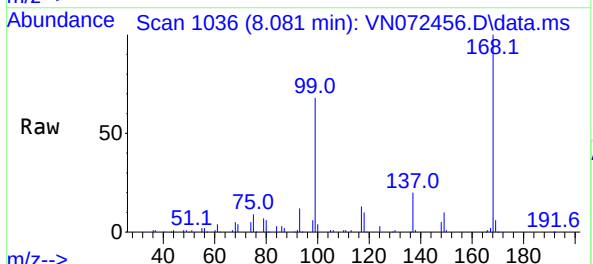
Instrument :
MSVOA_N
ClientSampleId :
MW-16

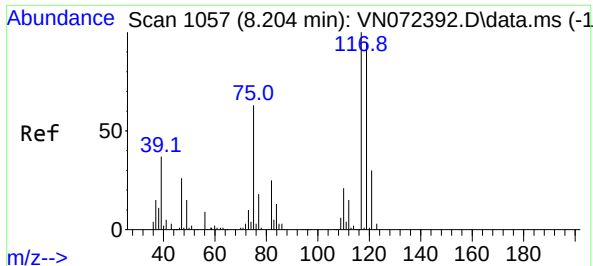
Tgt Ion:113 Resp: 104690
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 20.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.552 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 75 Resp: 15589
Ion Ratio Lower Upper
75 100
110 11.2 18.3 54.8#
77 0.0 25.1 37.7#

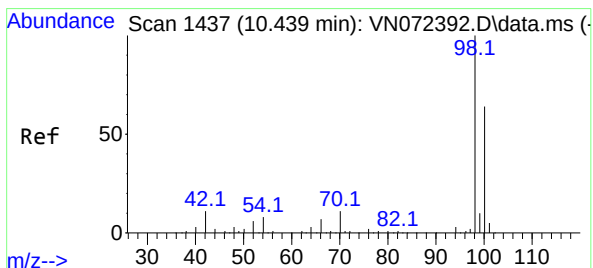
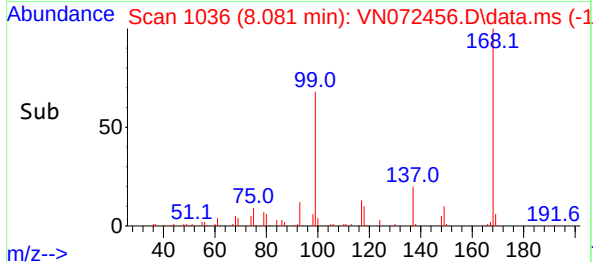
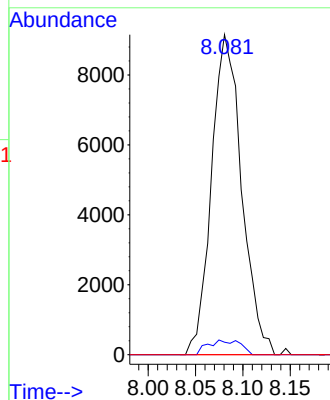
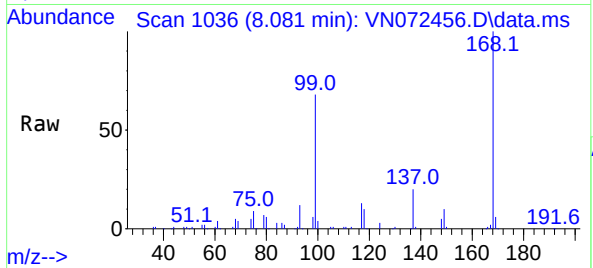




#38
Carbon Tetrachloride
Concen: 6.453 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

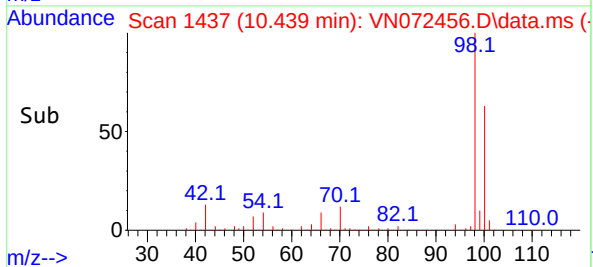
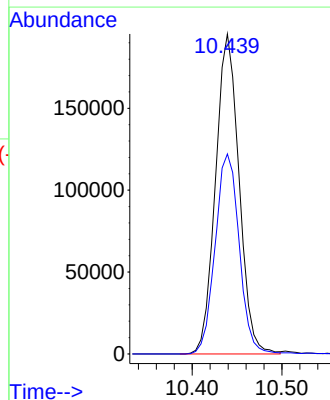
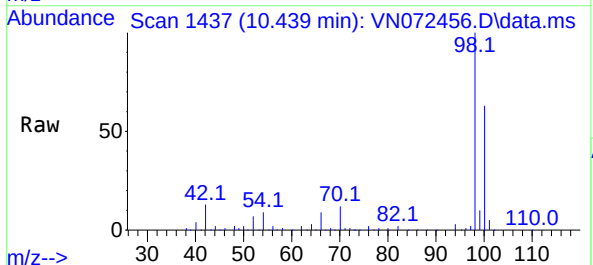
Instrument : MSVOA_N
ClientSampleId : MW-16

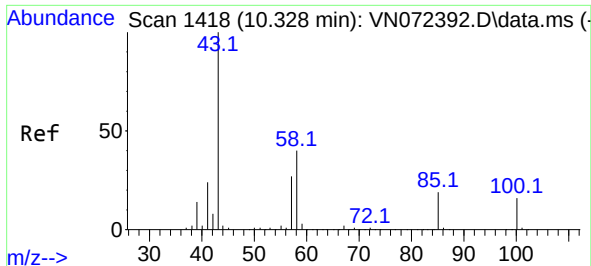
Tgt Ion:117 Resp: 20277
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.740 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 98 Resp: 355414
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

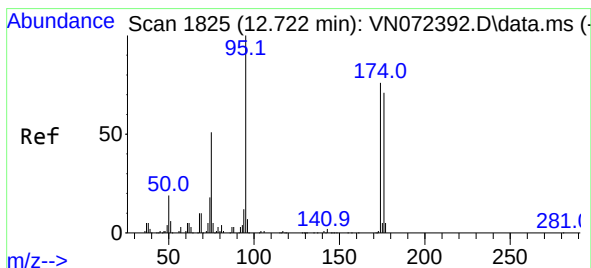
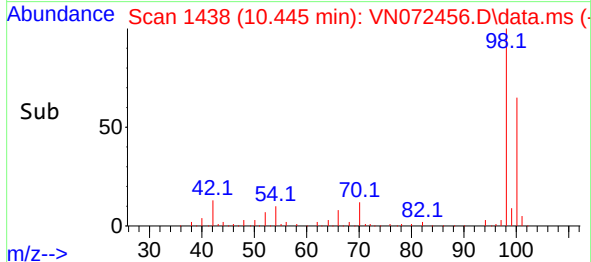
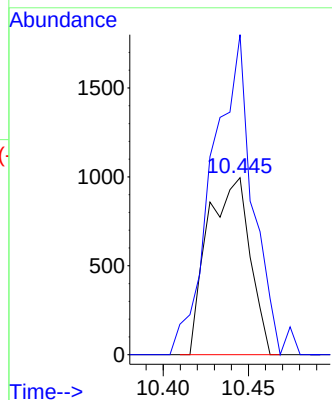
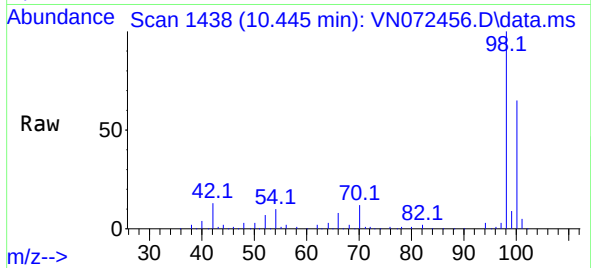




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 10.445 min Scan# 1418
Delta R.T. 0.117 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

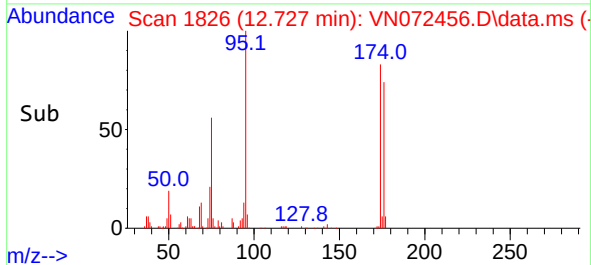
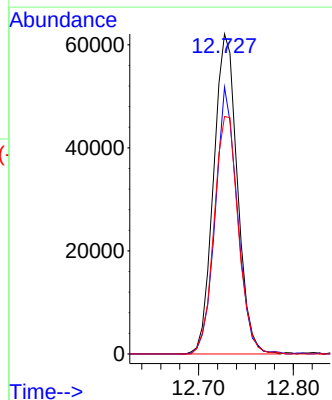
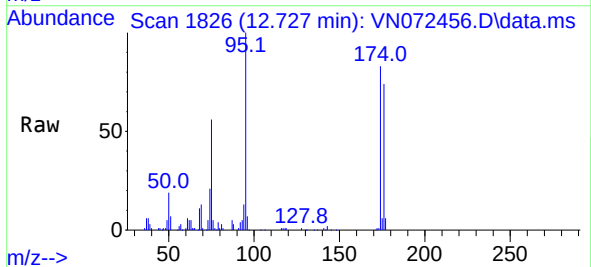
Instrument :
MSVOA_N
ClientSampleId :
MW-16

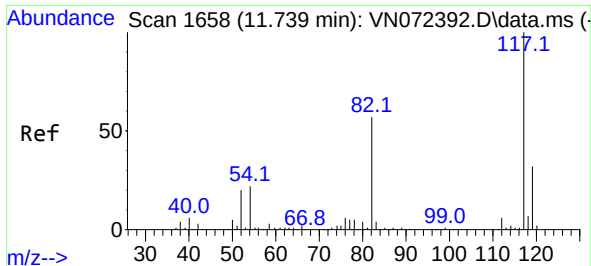
Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
58 175.5 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 43.725 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 95 Resp: 108106
Ion Ratio Lower Upper
95 100
174 77.5 0.0 167.6
176 76.3 0.0 163.4

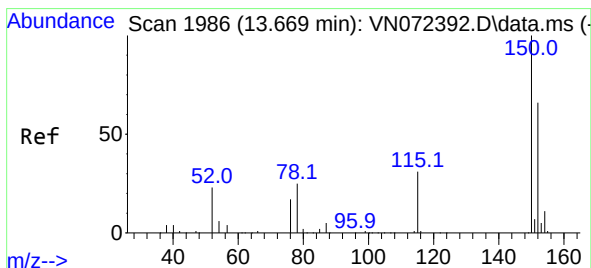
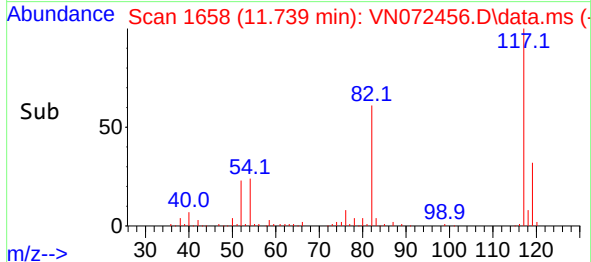
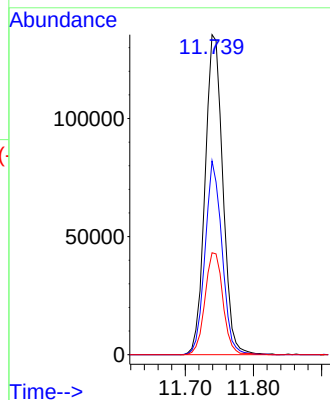
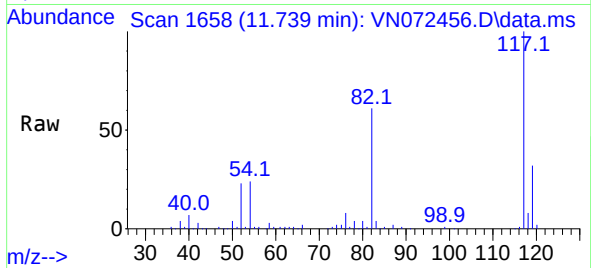




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

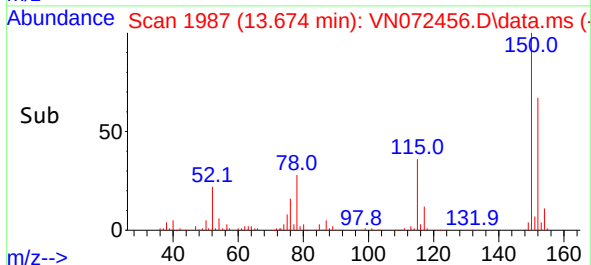
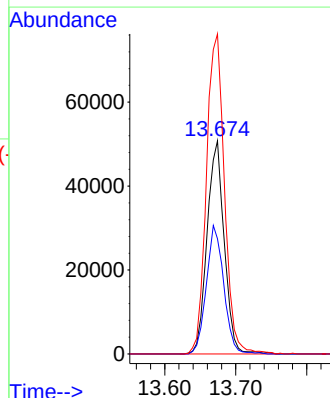
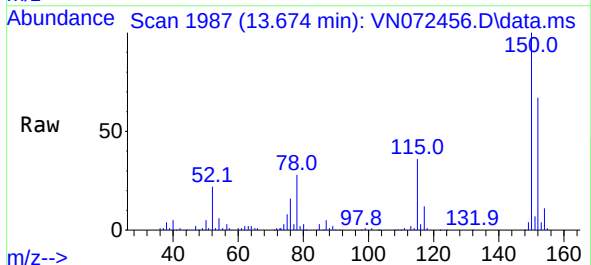
Instrument :
MSVOA_N
ClientSampleId :
MW-16

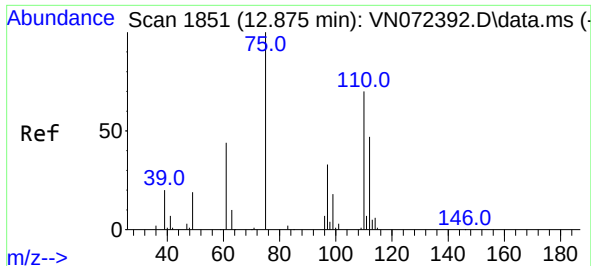
Tgt Ion:117 Resp: 246041
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion:152 Resp: 85558
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 157.5 0.0 356.2

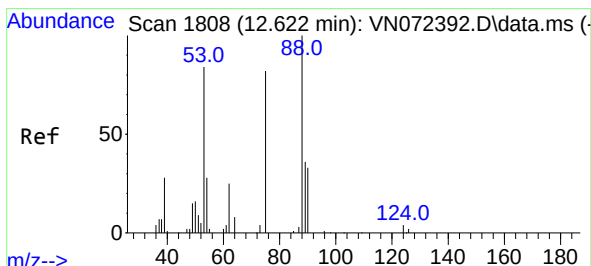
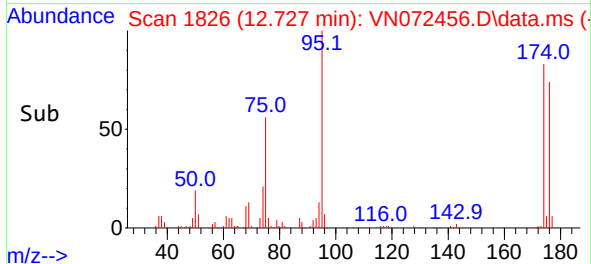
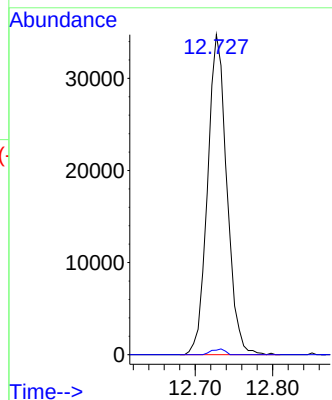
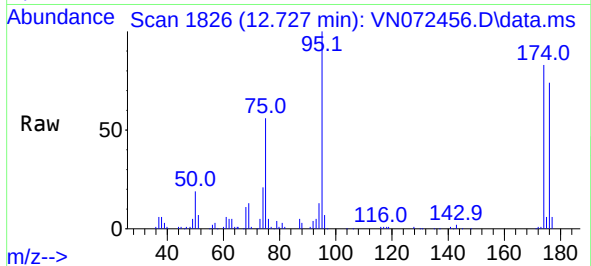




#76
1,2,3-Trichloropropane
Concen: 26.904 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

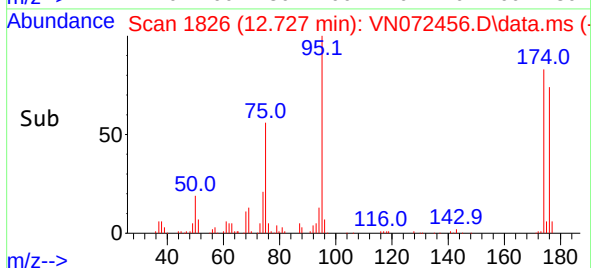
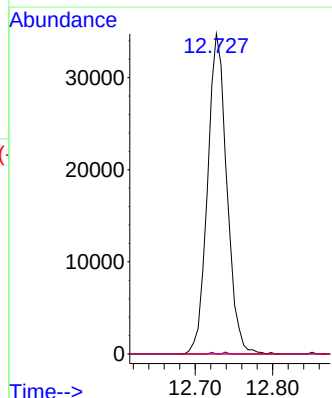
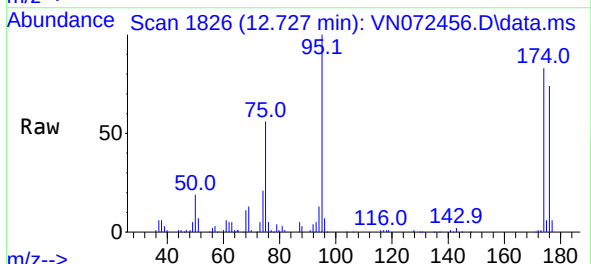
Instrument :
MSVOA_N
ClientSampleId :
MW-16

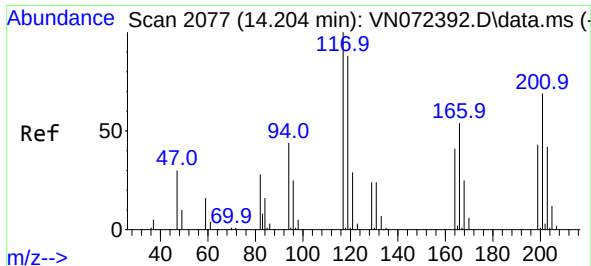
Tgt Ion: 75 Resp: 60036
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.751 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion: 75 Resp: 60036
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

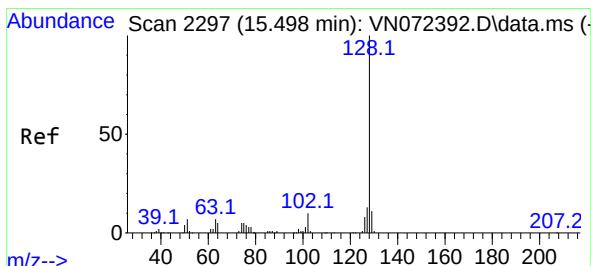
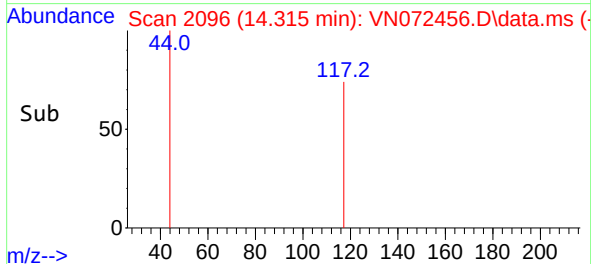
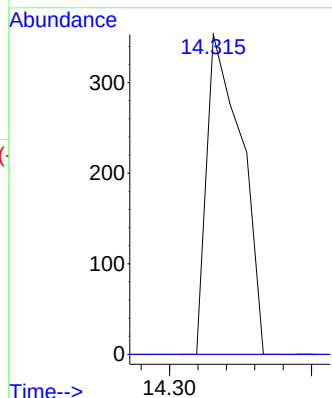
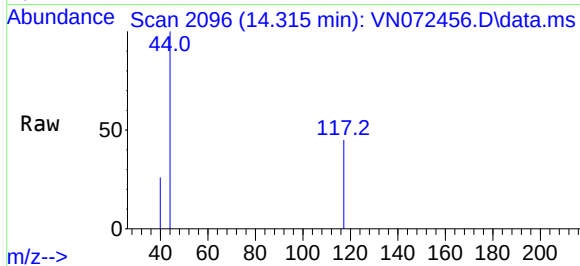




#90
Hexachloroethane
Concen: 0.285 ug/l
RT: 14.315 min Scan# 2096
Delta R.T. 0.111 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion:117 Resp: 301
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#95
Naphthalene
Concen: 3.738 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN072456.D
Acq: 12 May 2022 16:32

Tgt Ion:128 Resp: 2451
Ion Ratio Lower Upper
128 100
127 2.2 10.3 15.5#
129 0.0 8.6 13.0#

