

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072280.D
 Acq On : 29 Apr 2022 19:22
 Operator : JC\MD
 Sample : N2617-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: Apr 30 03:17:21 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)

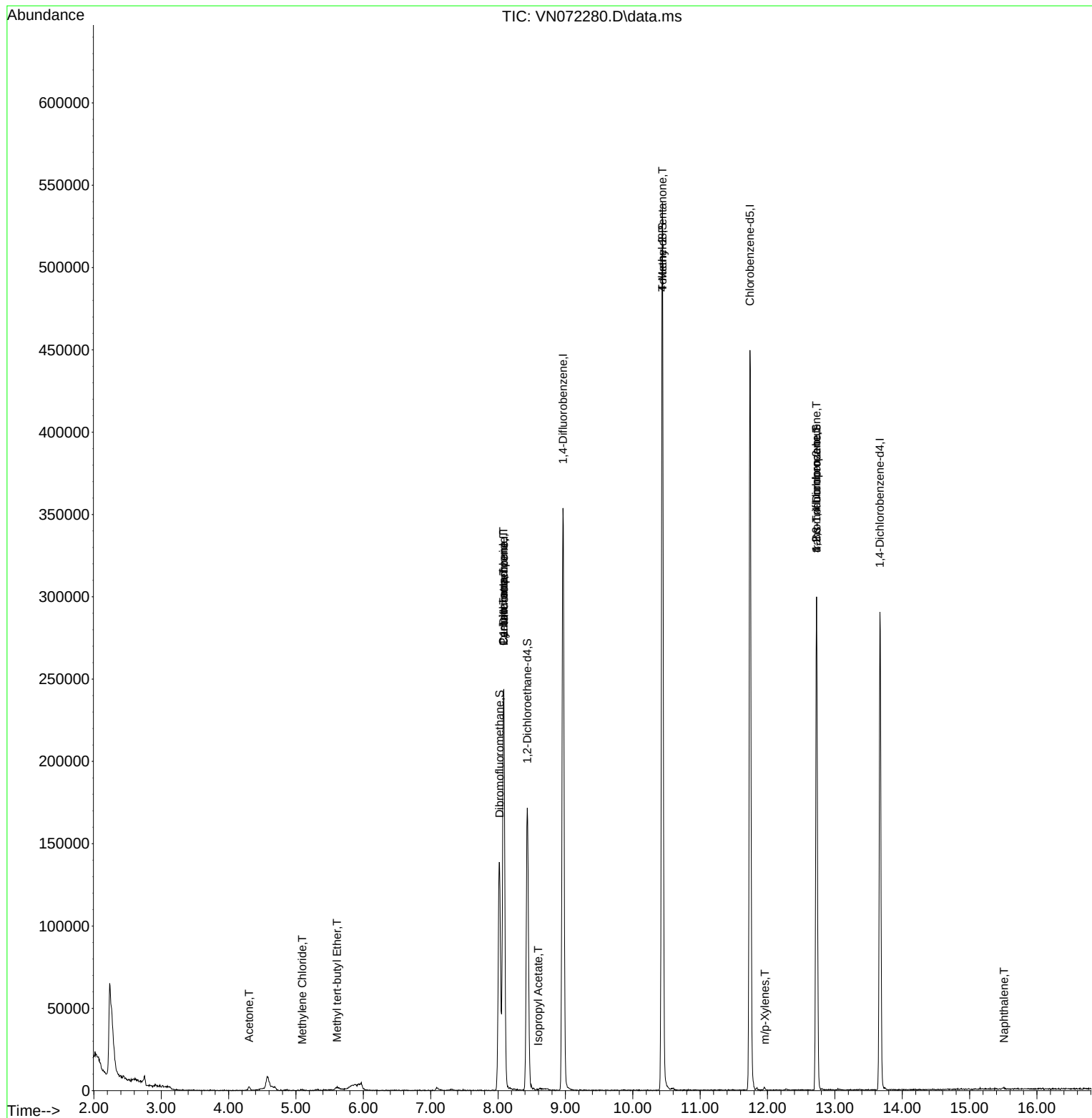
Internal Standards						
1) Pentafluorobenzene	8.086	168	172950	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	298614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	255107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	75821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	160150	60.316	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 120.640%		
35) Dibromofluoromethane	8.022	113	101888	53.308	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 106.620%		
50) Toluene-d8	10.439	98	362188	48.226	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 96.460%		
62) 4-Bromofluorobenzene	12.727	95	108380	43.477	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 86.960%		
Target Compounds						Qvalue
3) Chloromethane	2.304	50	992	Below Cal	#	82
6) Chloroethane	3.028	64	742	Below Cal	#	42
16) Acetone	4.304	43	1637	1.430	ug/l #	83
19) Methyl tert-butyl Ether	5.610	73	2039	0.315	ug/l	98
20) Methylene Chloride	5.092	84	451	0.206	ug/l #	38
31) Cyclohexane	8.080	56	4228	1.192	ug/l #	41
36) 1,1-Dichloropropene	8.080	75	14750	5.302	ug/l #	49
38) Carbon Tetrachloride	8.080	117	19973	6.703	ug/l #	17
43) Isopropyl Acetate	8.598	43	357	0.862	ug/l #	53
51) 4-Methyl-2-Pentanone	10.439	43	1792	0.514	ug/l #	1
68) m/p-Xylenes	11.963	106	692	0.207	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	62313	36.377	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	62313	95.027	ug/l #	10
95) Naphthalene	15.509	128	1220	4.583	ug/l #	69

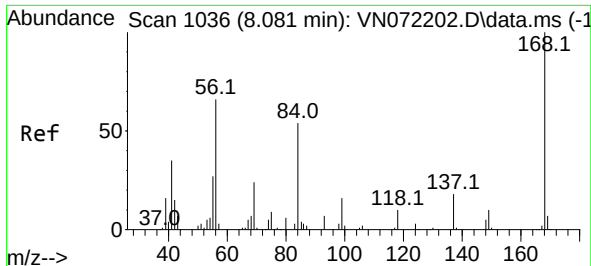
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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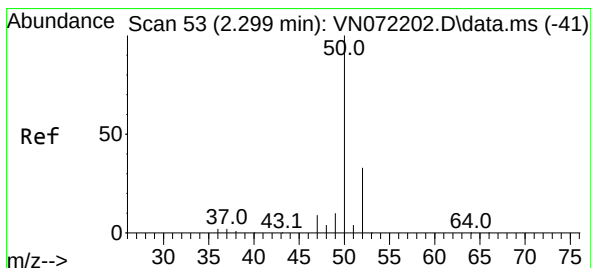
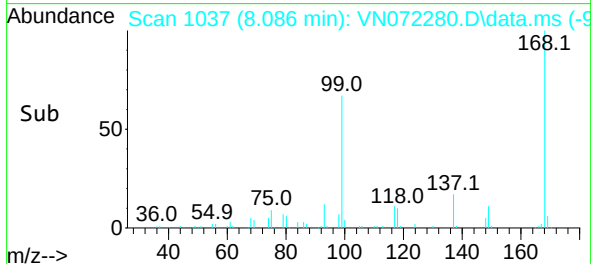
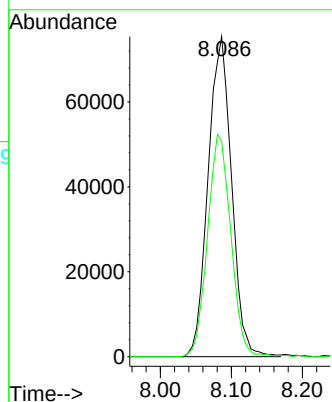
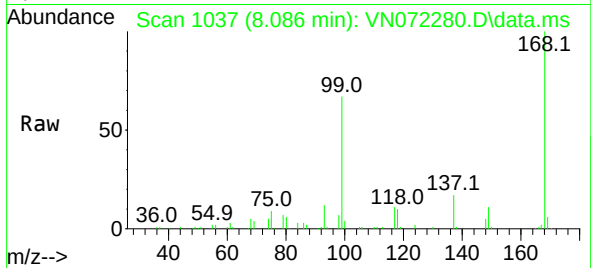




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

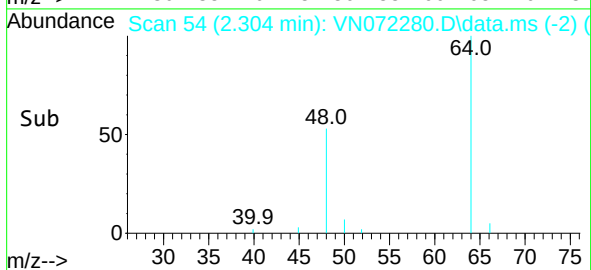
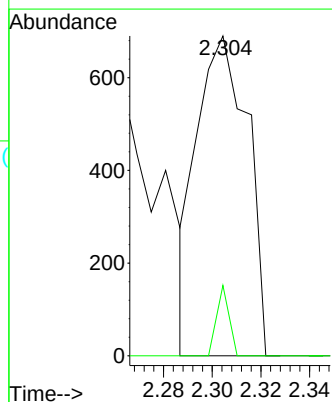
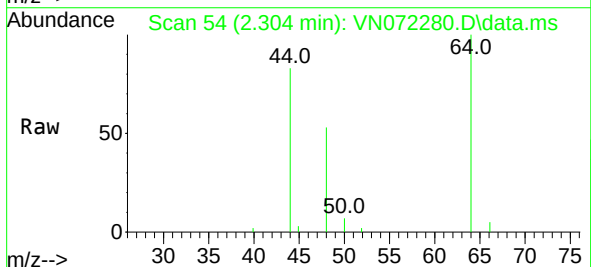
Instrument :
MSVOA_N
ClientSampleId :
MW-16

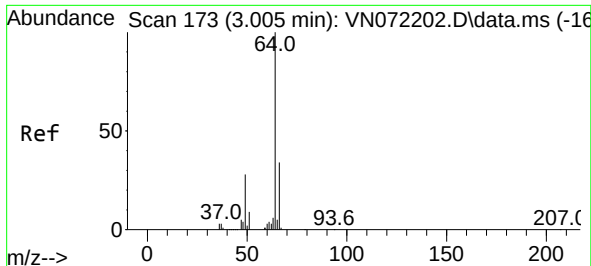
Tgt Ion:168 Resp: 172950
Ion Ratio Lower Upper
168 100
99 67.4 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

Tgt Ion: 50 Resp: 992
Ion Ratio Lower Upper
50 100
52 22.0 25.7 38.5#

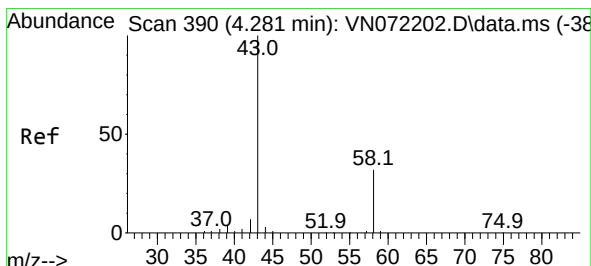
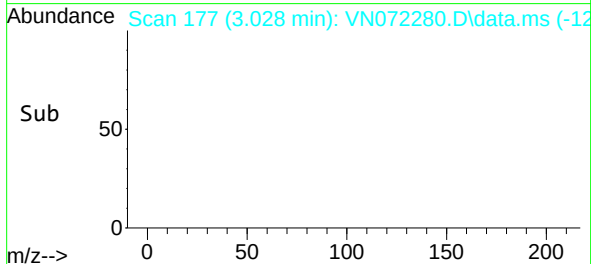
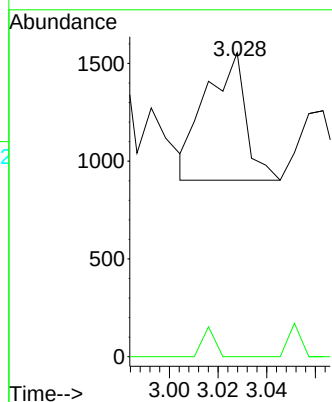
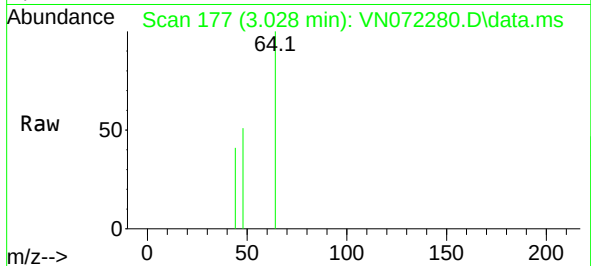




#6
Chloroethane
Concen: Below Cal
RT: 3.028 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

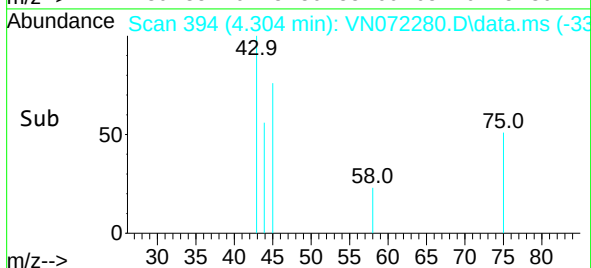
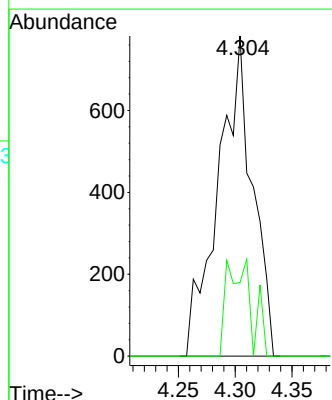
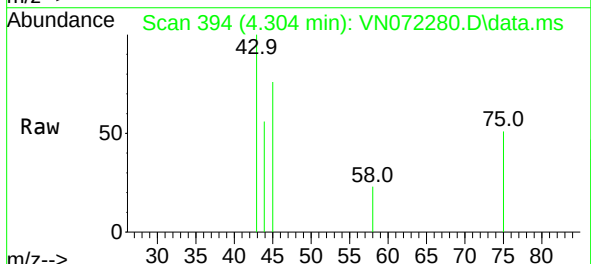
Instrument :
MSVOA_N
ClientSampleId :
MW-16

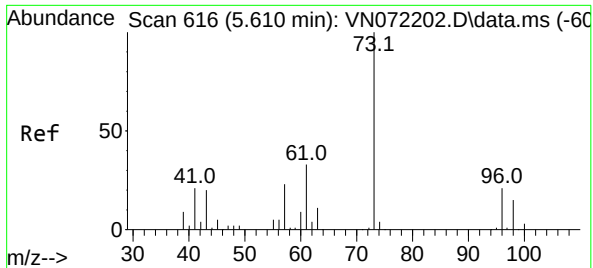
Tgt Ion: 64 Resp: 742
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.430 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
58 23.0 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 0.315 ug/l

RT: 5.610 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

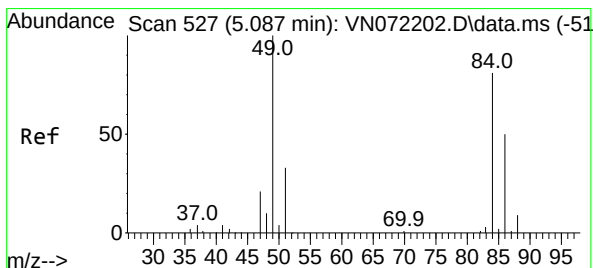
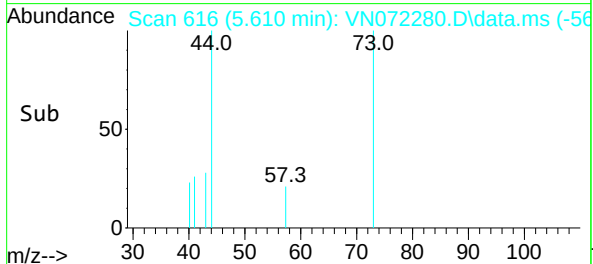
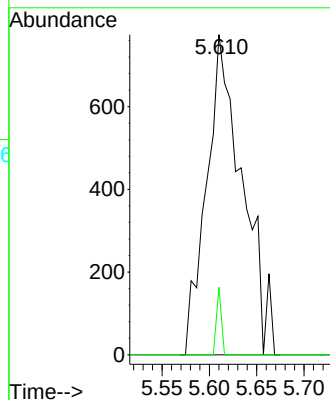
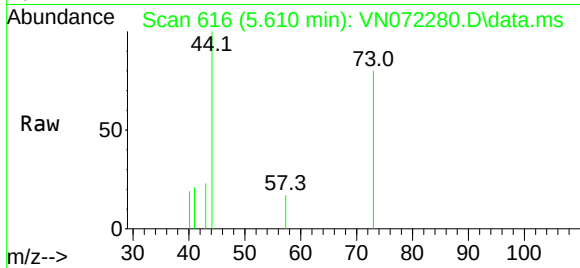
MW-16

Tgt Ion: 73 Resp: 2039

Ion Ratio Lower Upper

73 100

57 21.1 17.6 26.4



#20

Methylene Chloride

Concen: 0.206 ug/l

RT: 5.092 min Scan# 528

Delta R.T. 0.005 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

Tgt Ion: 84 Resp: 451

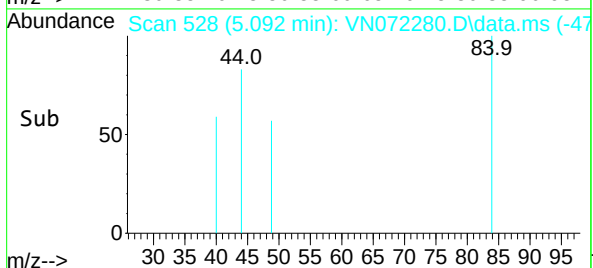
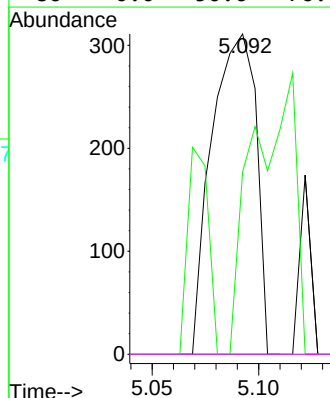
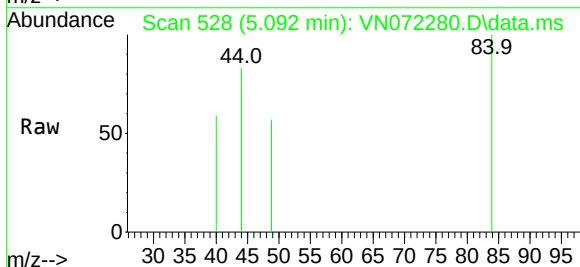
Ion Ratio Lower Upper

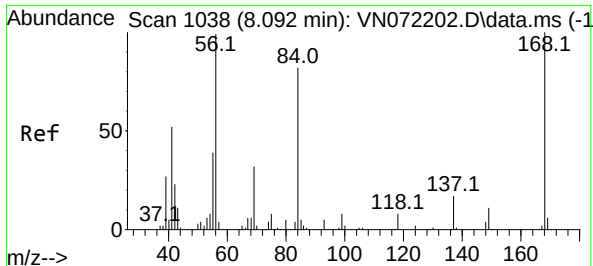
84 100

49 56.9 88.3 132.5#

51 0.0 28.2 42.2#

86 0.0 50.6 76.0#





#31

Cyclohexane

Concen: 1.192 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-16

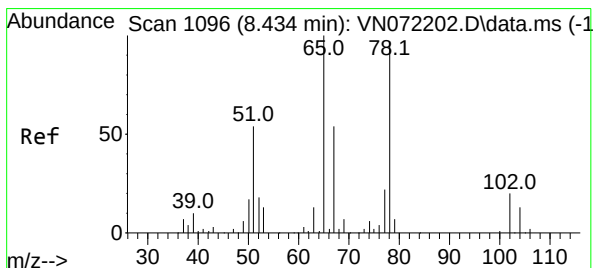
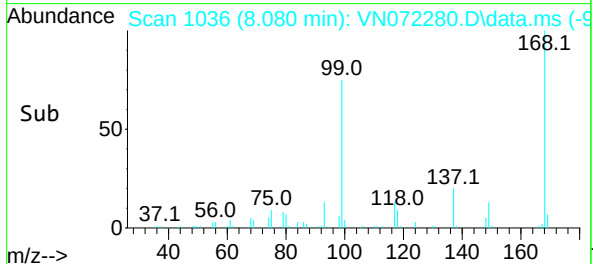
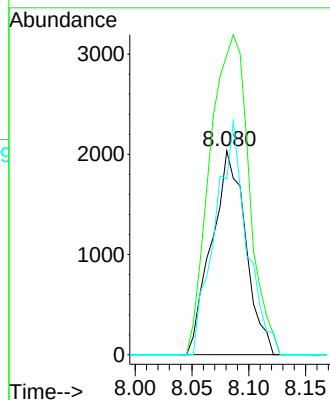
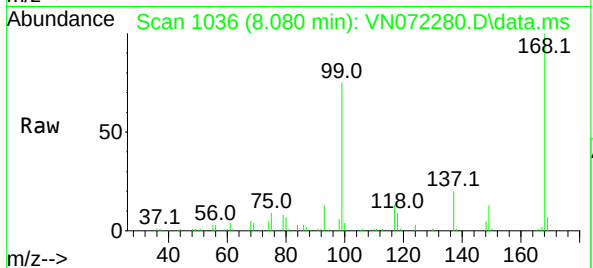
Tgt Ion: 56 Resp: 4228

Ion Ratio Lower Upper

56 100

69 146.9 27.8 41.8#

84 86.1 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 60.316 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072280.D

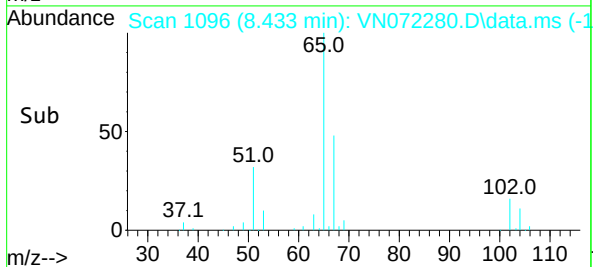
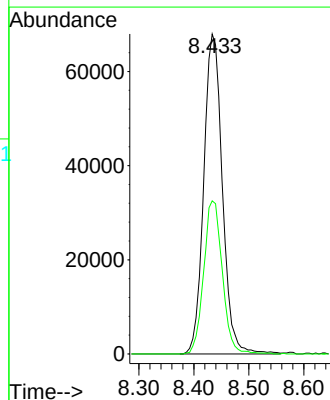
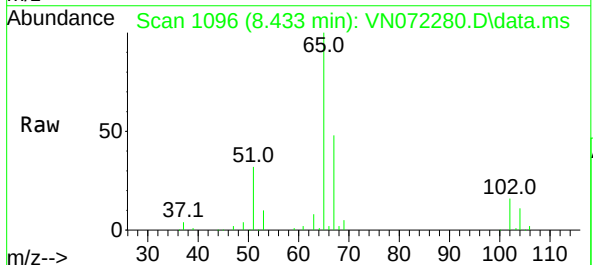
Acq: 29 Apr 2022 19:22

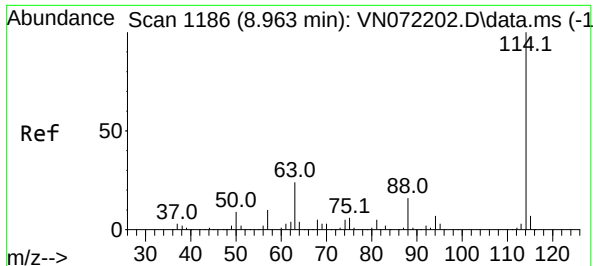
Tgt Ion: 65 Resp: 160150

Ion Ratio Lower Upper

65 100

67 47.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-16

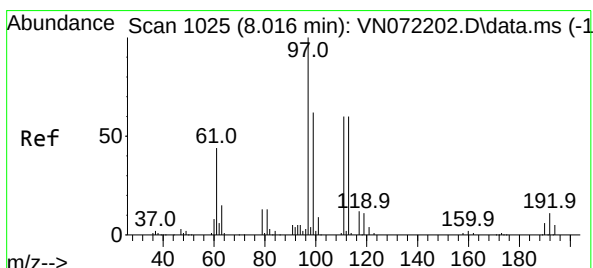
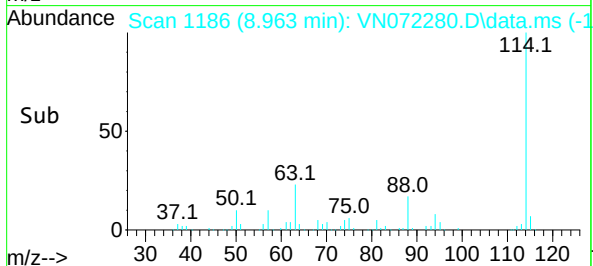
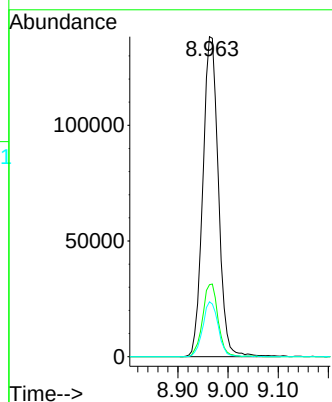
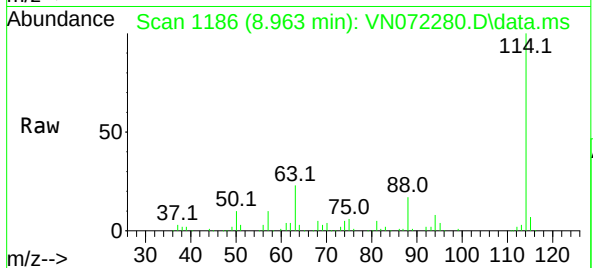
Tgt Ion:114 Resp: 298614

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.308 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

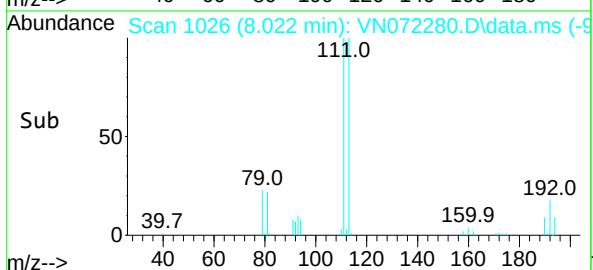
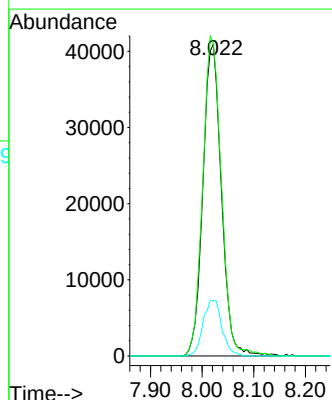
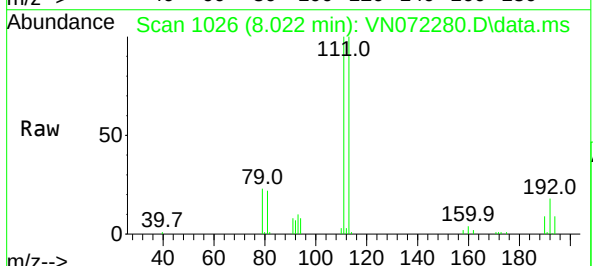
Tgt Ion:113 Resp: 101888

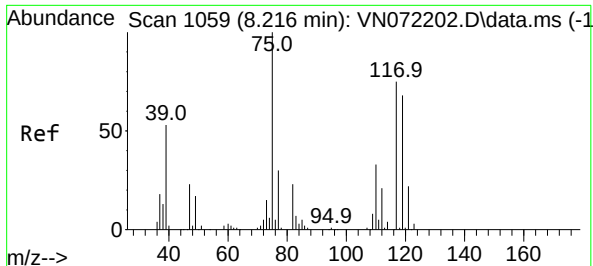
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.302 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-16

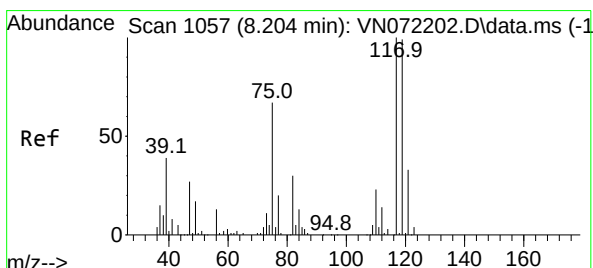
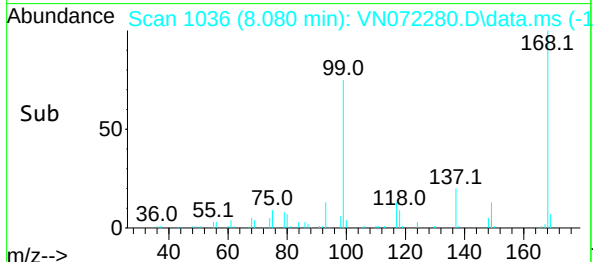
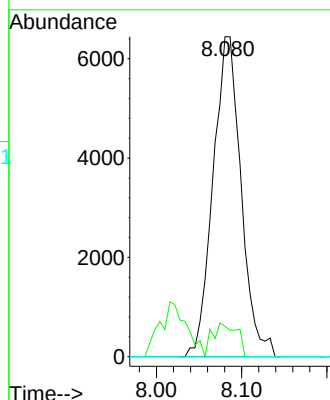
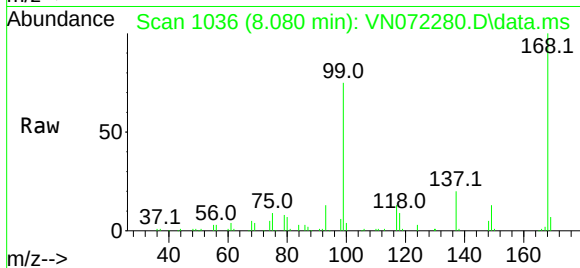
Tgt Ion: 75 Resp: 14750

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.703 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.124 min

Lab File: VN072280.D

Acq: 29 Apr 2022 19:22

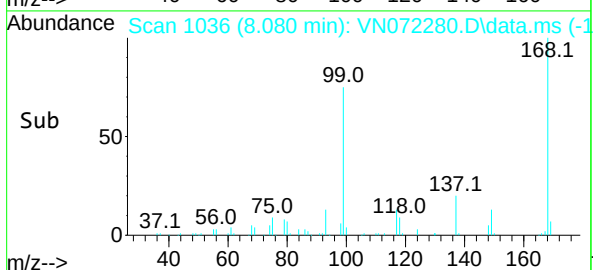
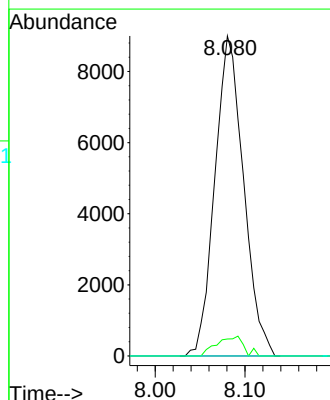
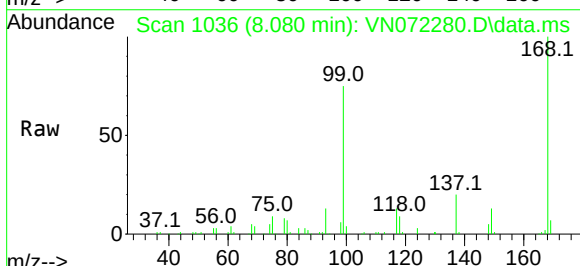
Tgt Ion: 117 Resp: 19973

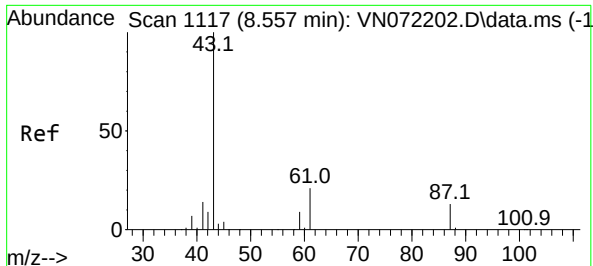
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#

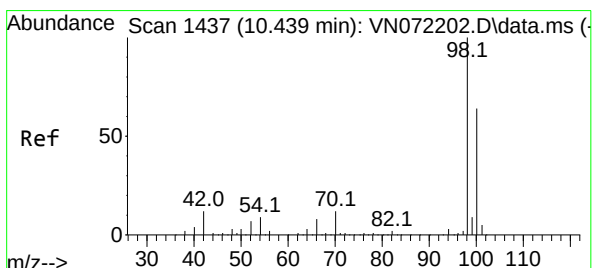
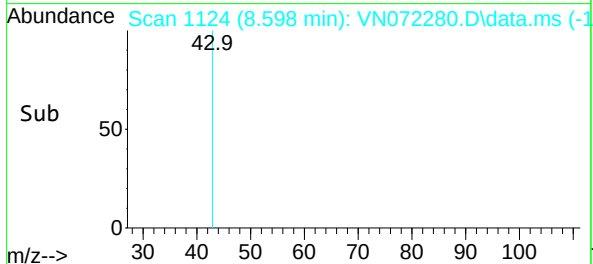
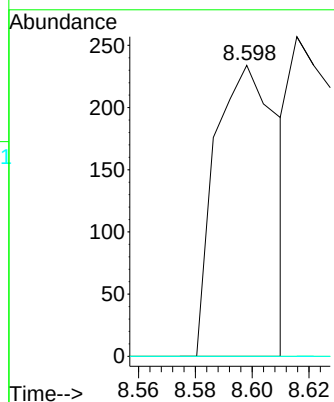
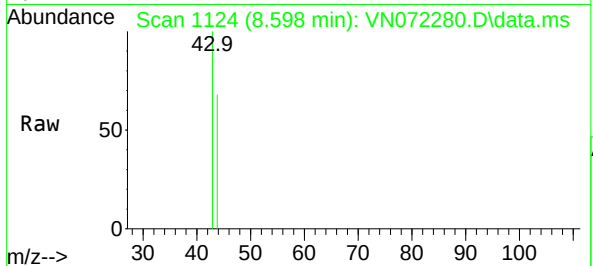




#43
Isopropyl Acetate
Concen: 0.862 ug/l
RT: 8.598 min Scan# 1117
Delta R.T. 0.041 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

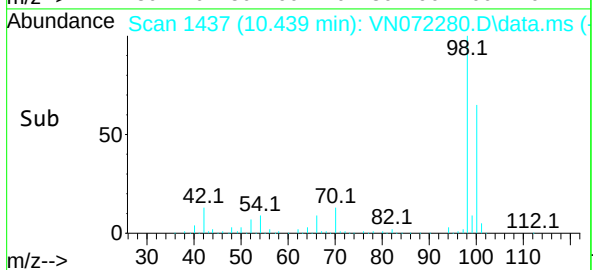
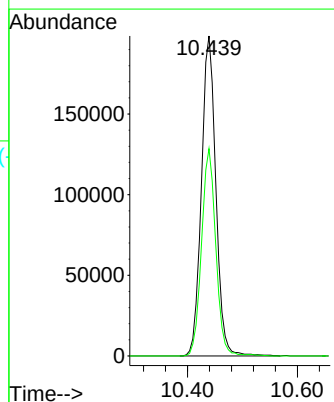
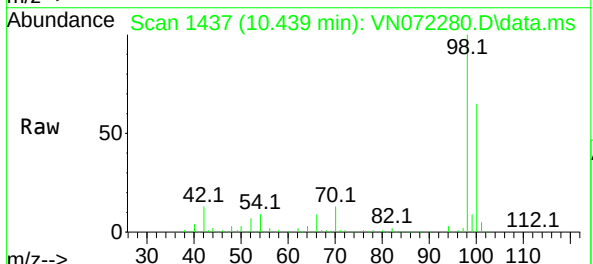
Instrument :
MSVOA_N
ClientSampleId :
MW-16

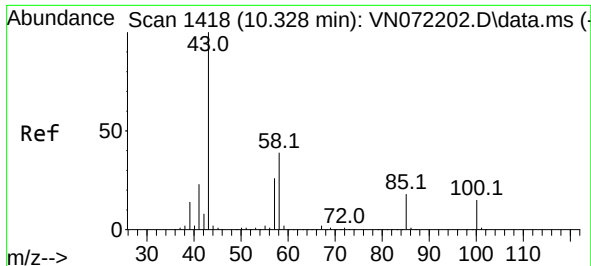
Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 48.226 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

Tgt Ion: 98 Resp: 362188
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8

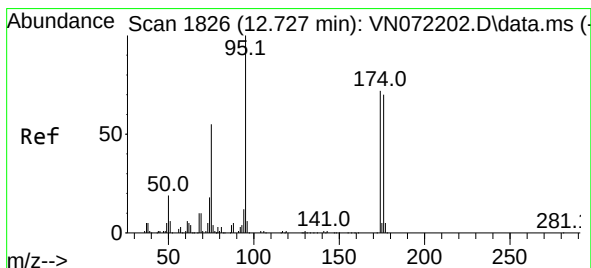
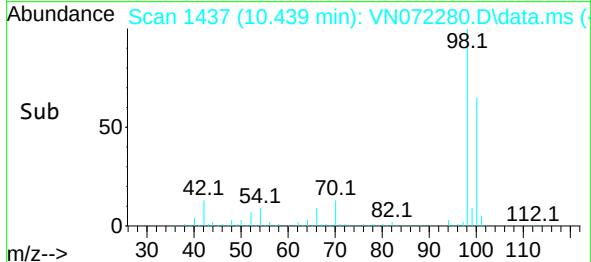
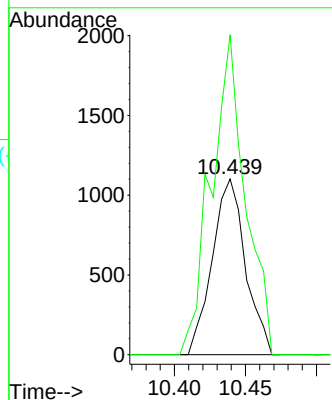
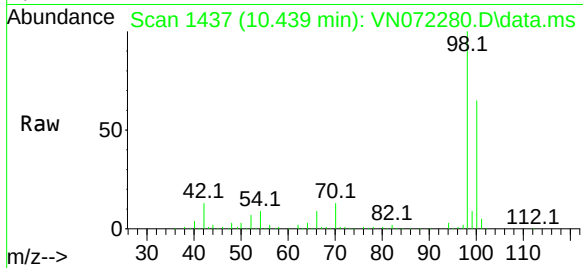




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 10.439 min Scan# 1418
Delta R.T. 0.111 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

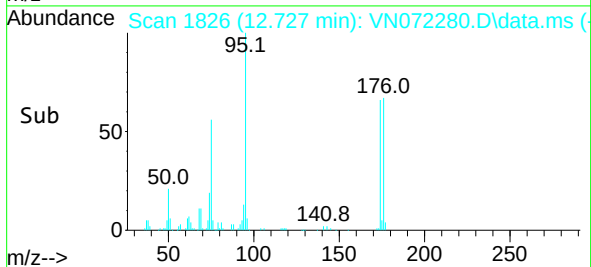
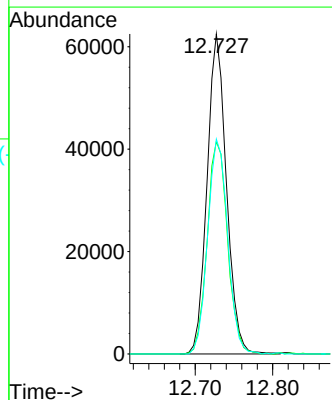
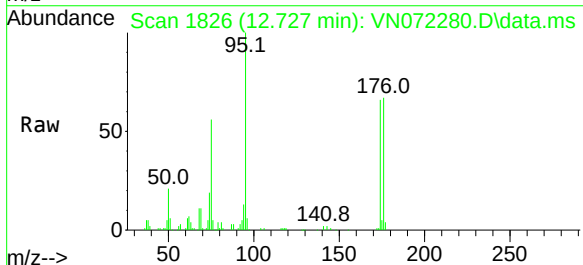
Instrument :
MSVOA_N
ClientSampleId :
MW-16

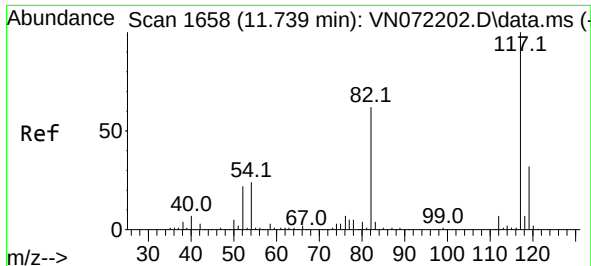
Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
58 186.9 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 43.477 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

Tgt Ion: 95 Resp: 108380
Ion Ratio Lower Upper
95 100
174 69.8 0.0 167.6
176 69.5 0.0 163.4

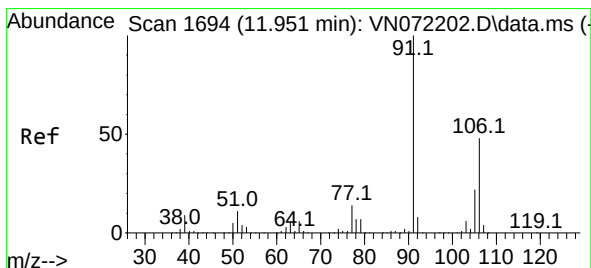
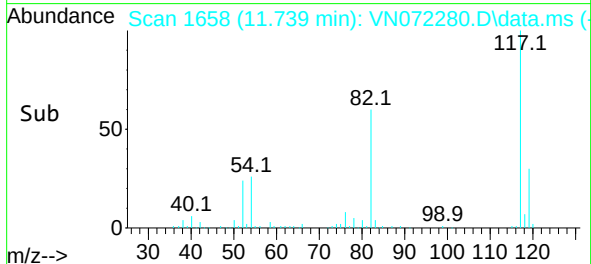
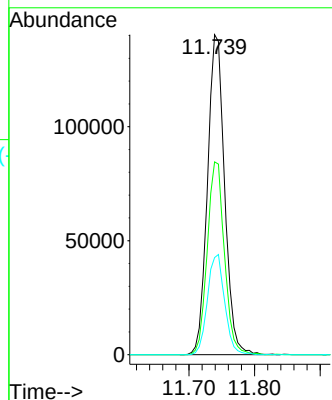
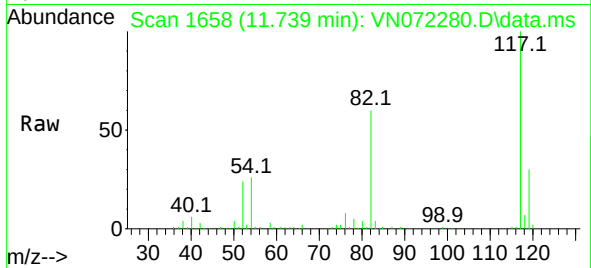




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

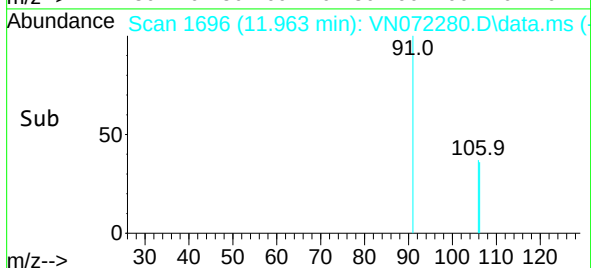
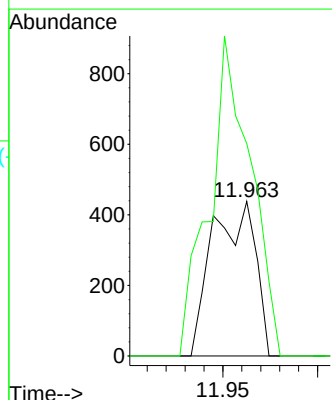
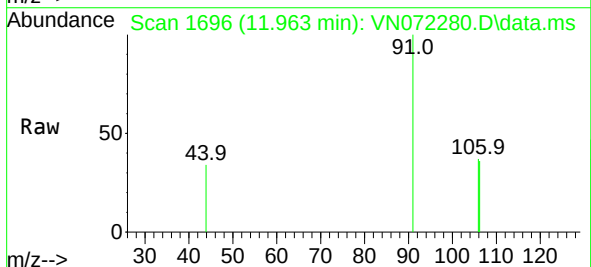
Instrument :
MSVOA_N
ClientSampleId :
MW-16

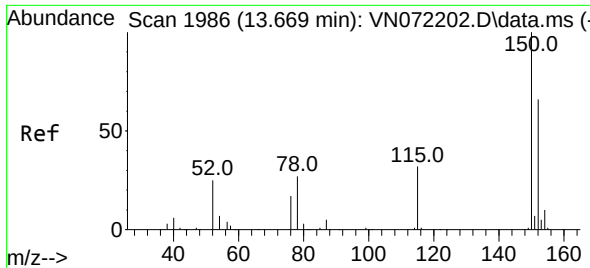
Tgt Ion:117 Resp: 255107
Ion Ratio Lower Upper
117 100
82 60.3 44.2 66.2
119 30.4 25.4 38.0



#68
m/p-Xylenes
Concen: 0.207 ug/l
RT: 11.963 min Scan# 1696
Delta R.T. 0.012 min
Lab File: VN072280.D
Acq: 29 Apr 2022 19:22

Tgt Ion:106 Resp: 692
Ion Ratio Lower Upper
106 100
91 199.7 158.9 238.3

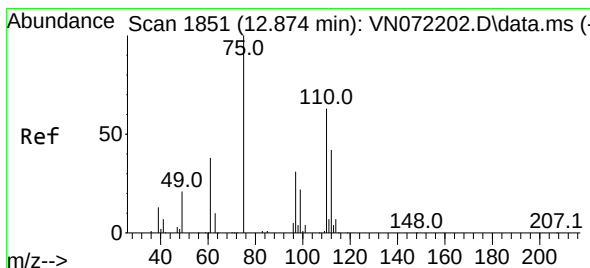
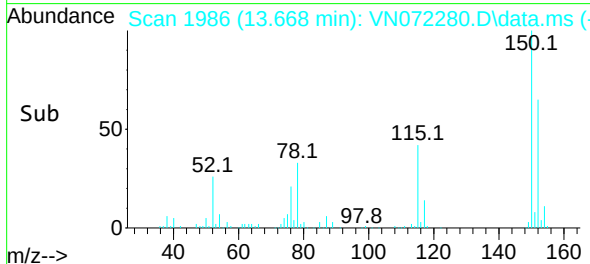
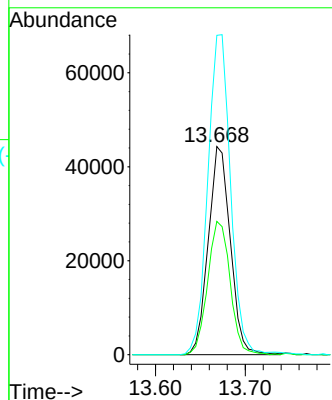
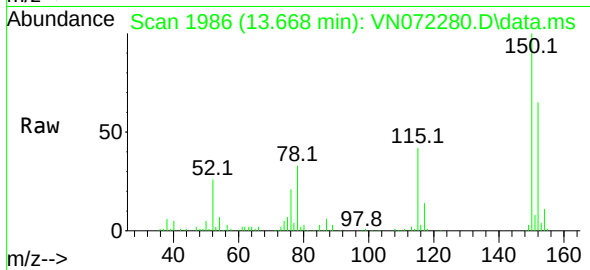




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072280.D
 Acq: 29 Apr 2022 19:22

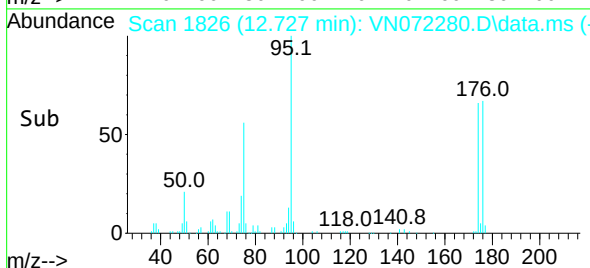
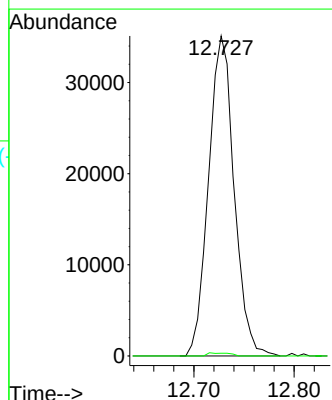
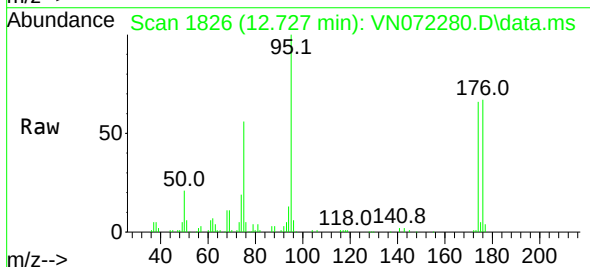
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

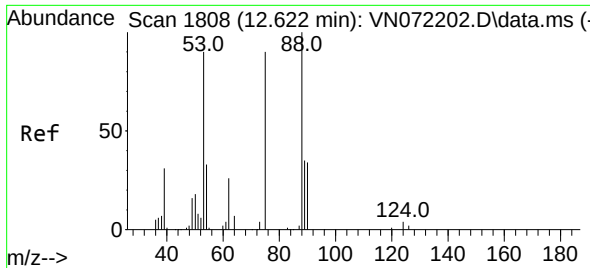
Tgt Ion:152 Resp: 75821
 Ion Ratio Lower Upper
 152 100
 115 65.0 28.9 86.7
 150 158.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 36.377 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072280.D
 Acq: 29 Apr 2022 19:22

Tgt Ion: 75 Resp: 62313
 Ion Ratio Lower Upper
 75 100
 77 0.8 98.5 295.5#

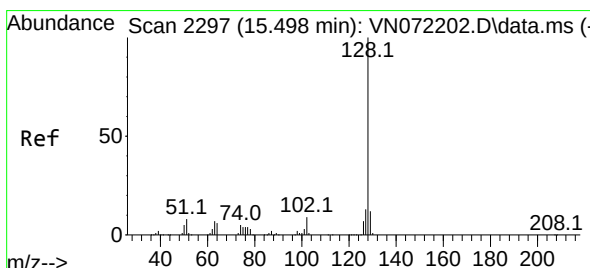
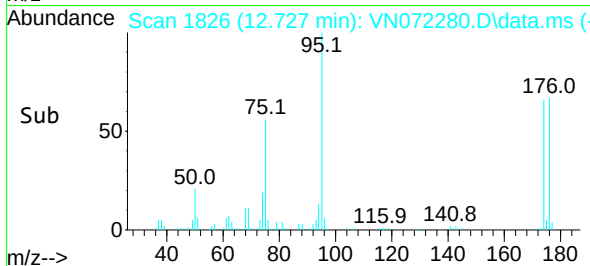
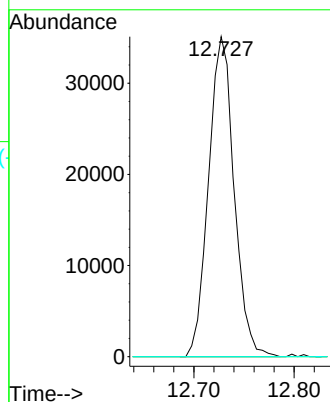
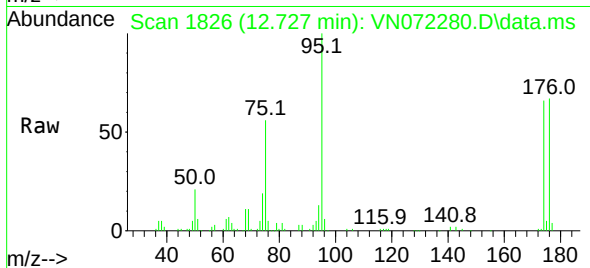




#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.027 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.105 min
 Lab File: VN072280.D
 Acq: 29 Apr 2022 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Tgt Ion: 75 Resp: 62313
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 4.583 ug/l
 RT: 15.509 min Scan# 2299
 Delta R.T. 0.011 min
 Lab File: VN072280.D
 Acq: 29 Apr 2022 19:22

Tgt Ion: 128 Resp: 1220
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#

