

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072228.D
 Acq On : 27 Apr 2022 20:06
 Operator : JC\MD
 Sample : N2575-08 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31796

Quant Time: Apr 28 06:07:03 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)

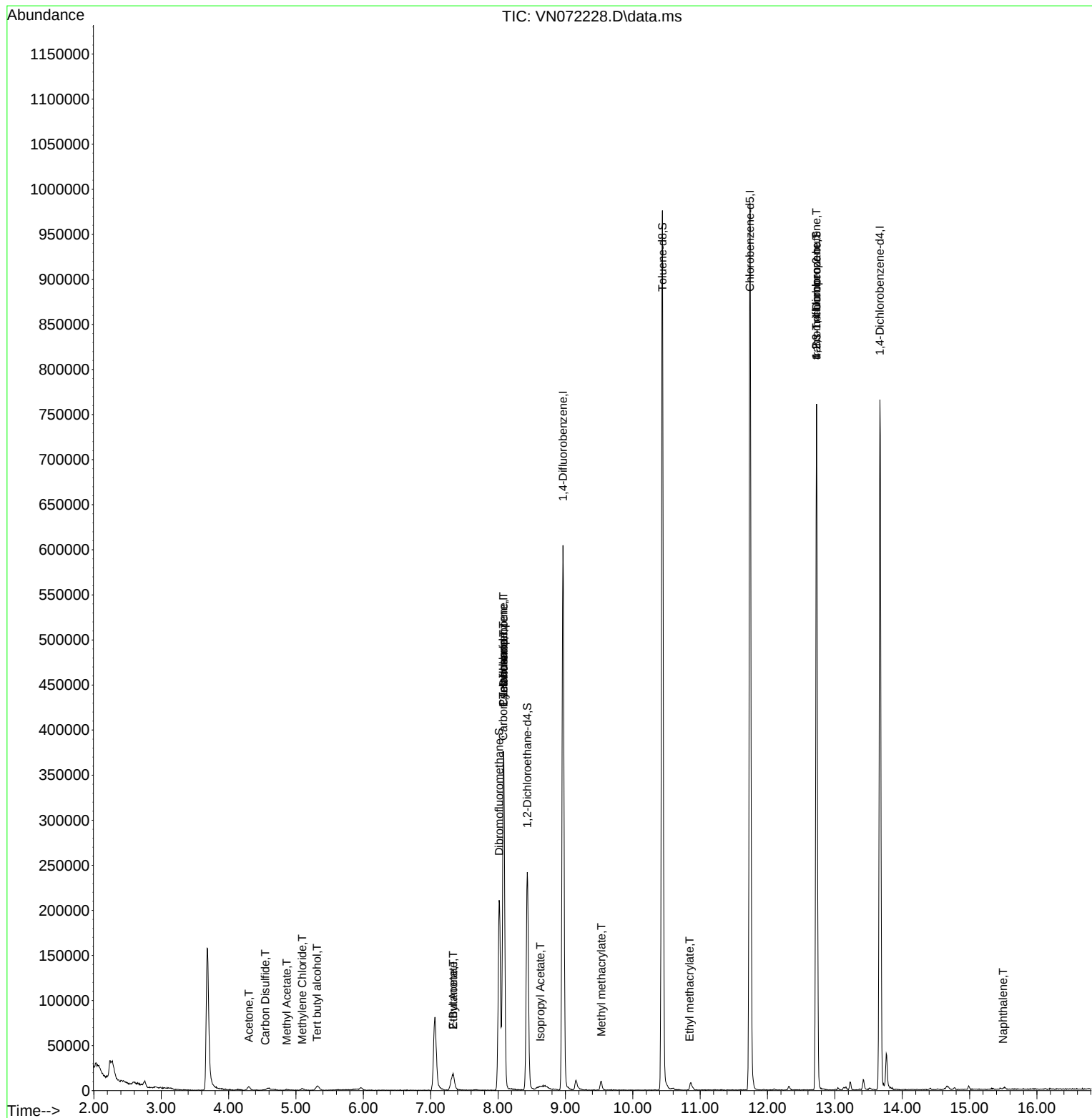
Internal Standards						
1) Pentafluorobenzene	8.080	168	271228	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	503139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	549944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	205600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	212133	50.945	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.900%			
35) Dibromofluoromethane	8.016	113	155502	48.287	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.580%			
50) Toluene-d8	10.439	98	652437	51.559	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.727	95	258010	61.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.860%			
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	1162	Below Cal	#	43
5) Bromomethane	2.869	94	70	Below Cal	#	2
6) Chloroethane	2.998	64	436	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	5790	8.461	ug/l	# 72
16) Acetone	4.298	43	5995	3.339	ug/l	# 82
17) Carbon Disulfide	4.545	76	59	0.373	ug/l	# 75
18) Methyl Acetate	4.863	43	2555	0.470	ug/l	# 48
20) Methylene Chloride	5.092	84	1620	0.471	ug/l	# 77
25) 2-Butanone	7.333	43	26175	9.155	ug/l	93
31) Cyclohexane	8.080	56	6645	1.194	ug/l	# 40
36) 1,1-Dichloropropene	8.080	75	23511	5.016	ug/l	# 49
37) Ethyl Acetate	7.333	43	26175	4.205	ug/l	# 67
38) Carbon Tetrachloride	8.075	117	30125	6.000	ug/l	# 17
43) Isopropyl Acetate	8.627	43	5758	1.381	ug/l	# 53
48) Methyl methacrylate	9.533	41	3346	0.814	ug/l	# 34
56) Ethyl methacrylate	10.845	69	127	2.384	ug/l	# 28
75) 1,1,2,2-Tetrachloroethane	12.721	83	172	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	142843	30.924	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	142843	80.333	ug/l	# 10
95) Naphthalene	15.498	128	194	4.316	ug/l	# 69

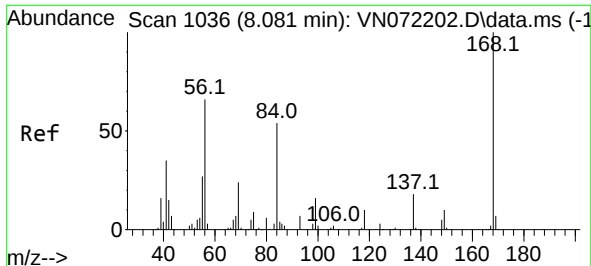
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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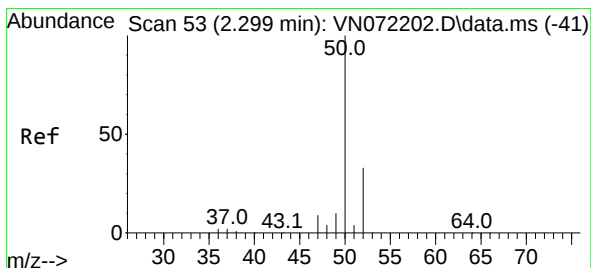
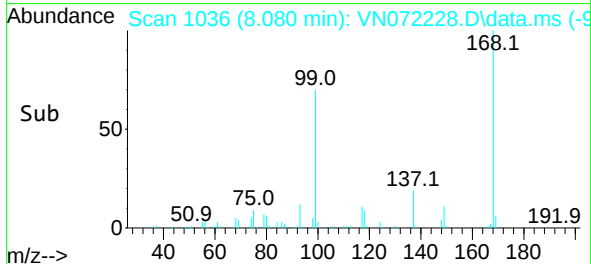
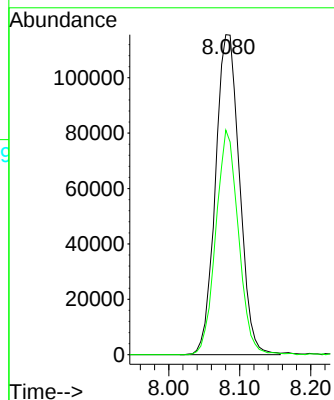
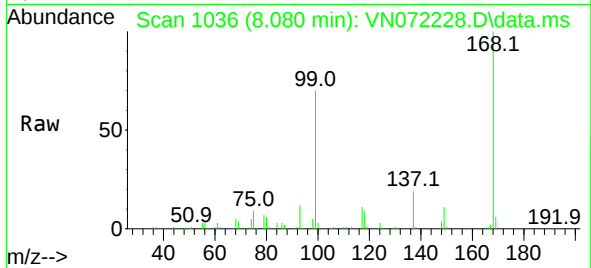




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

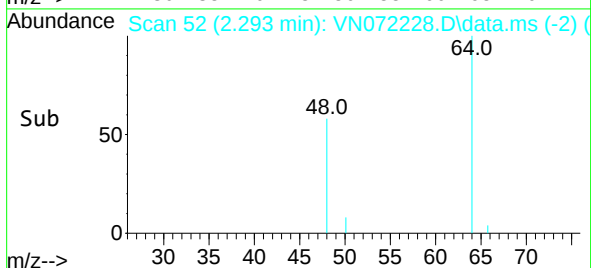
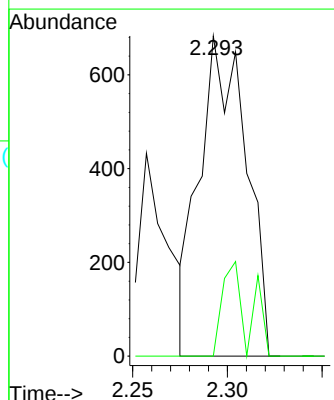
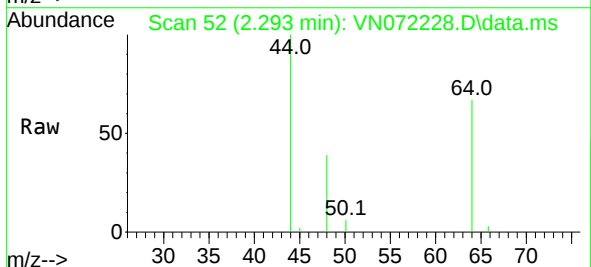
Instrument :
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31796

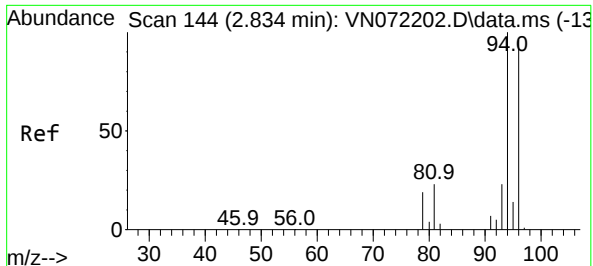
Tgt Ion:168 Resp: 271228
Ion Ratio Lower Upper
168 100
99 70.2 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 50 Resp: 1162
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

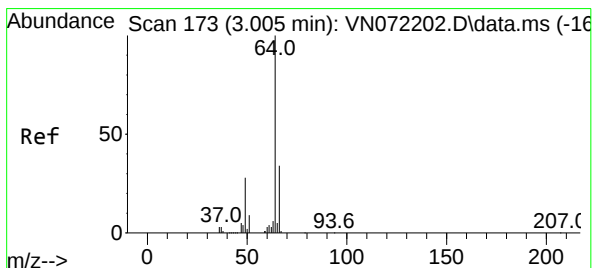
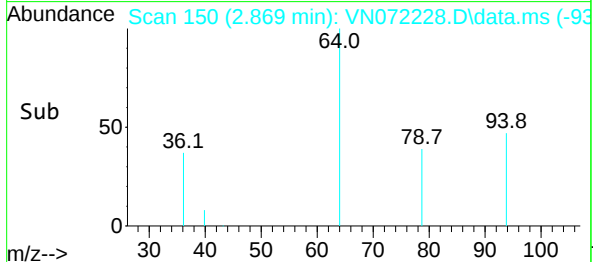
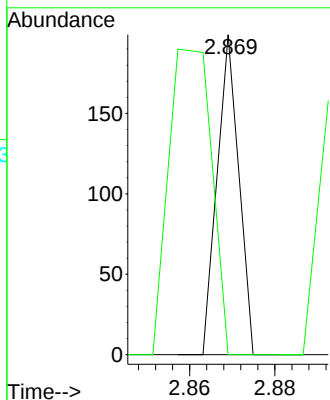
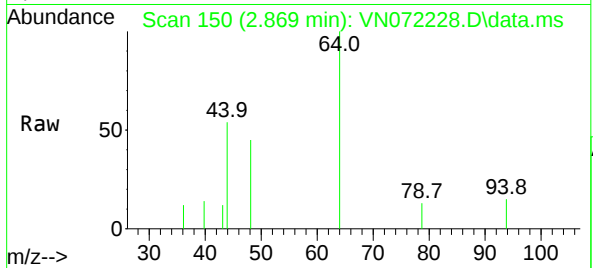




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

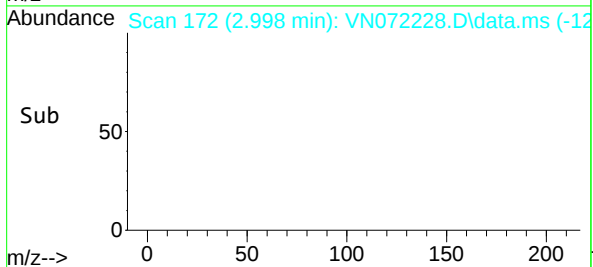
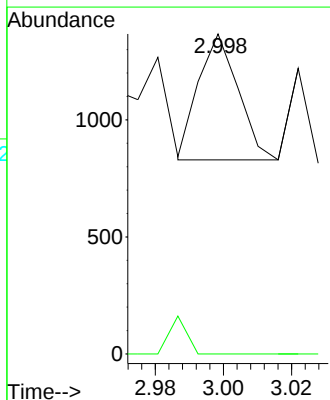
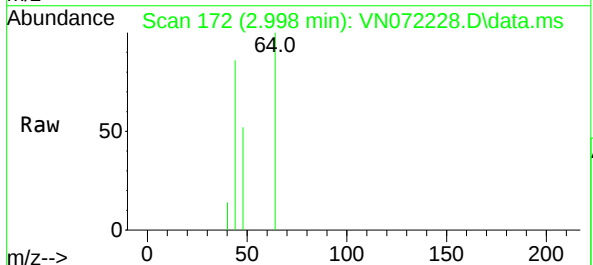
Instrument :
MSVOA_N
ClientSampleId :
31796

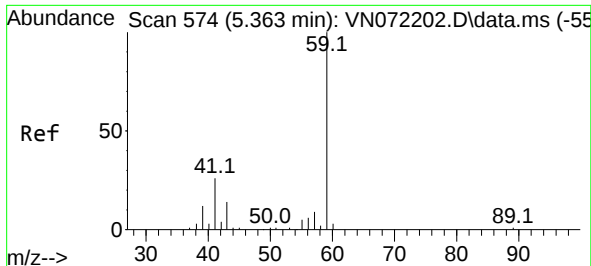
Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.998 min Scan# 172
Delta R.T. -0.007 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 64 Resp: 436
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

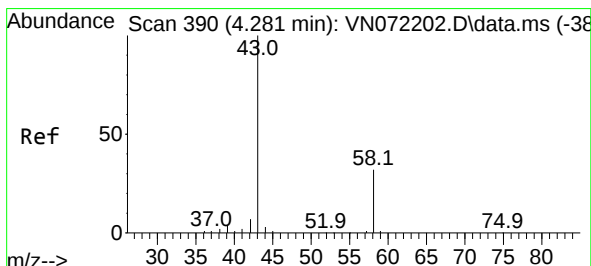
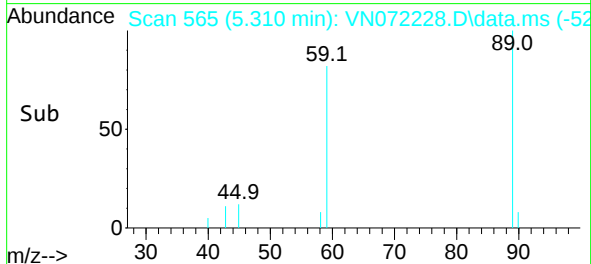
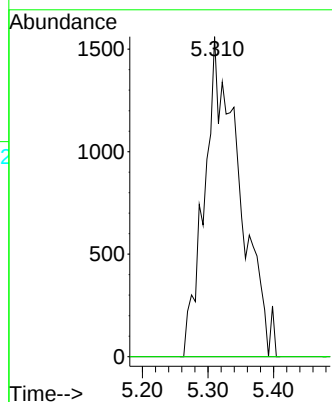
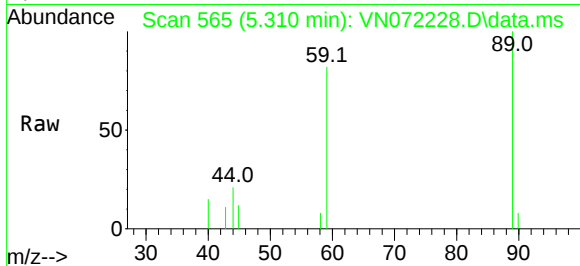




#11
Tert butyl alcohol
Concen: 8.461 ug/l
RT: 5.310 min Scan# 51
Delta R.T. -0.053 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

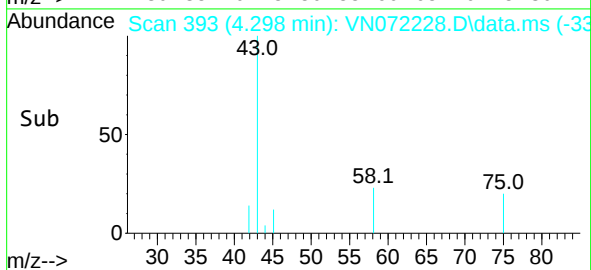
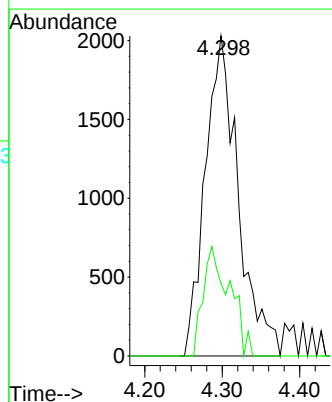
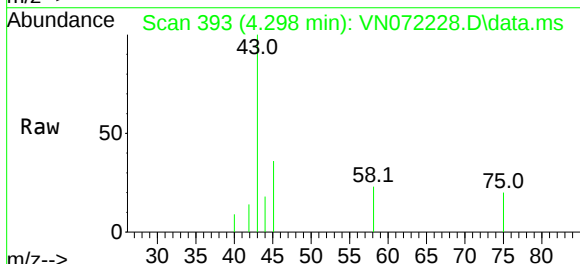
Instrument :
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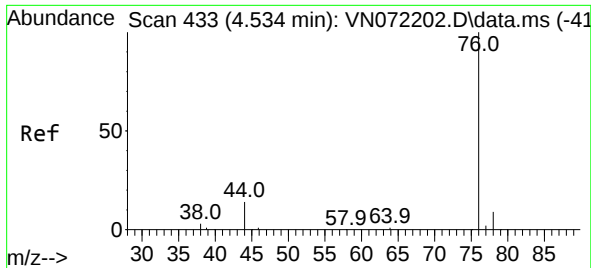
Tgt Ion: 59 Resp: 5790
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.339 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 43 Resp: 5995
Ion Ratio Lower Upper
43 100
58 22.6 26.0 39.0#

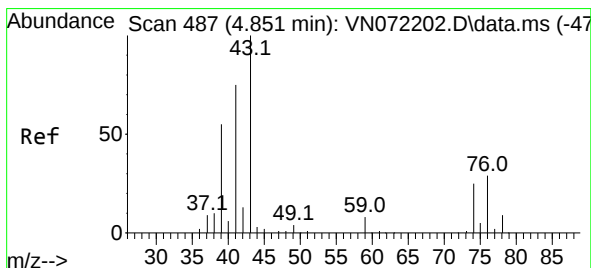
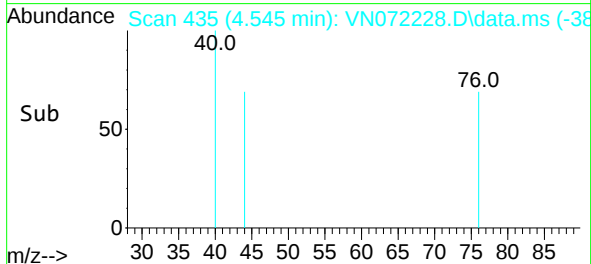
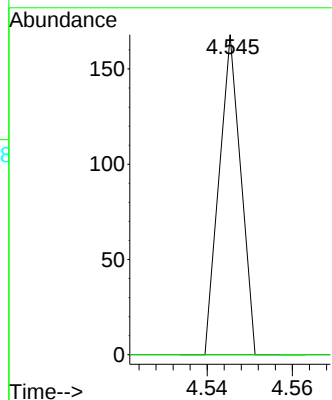
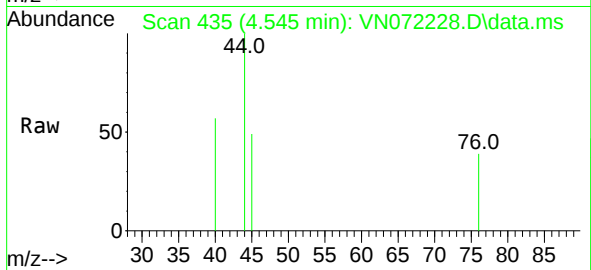




#17
Carbon Disulfide
Concen: 0.373 ug/l
RT: 4.545 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

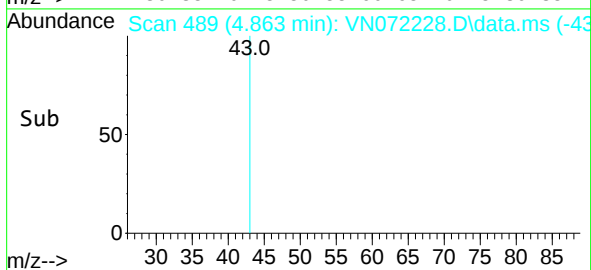
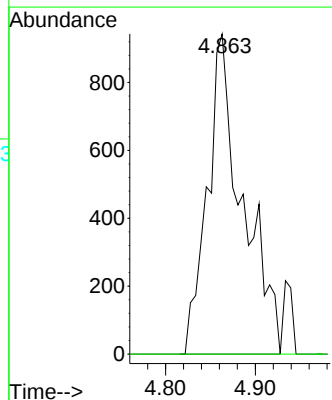
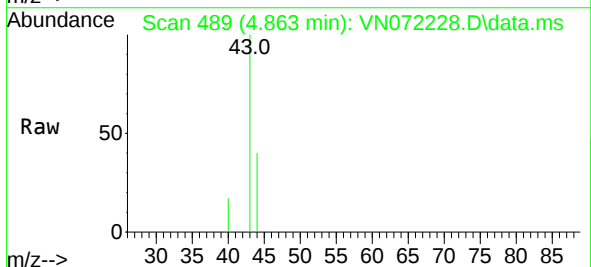
Instrument :
MSVOA_N
ClientSampleId :
31796

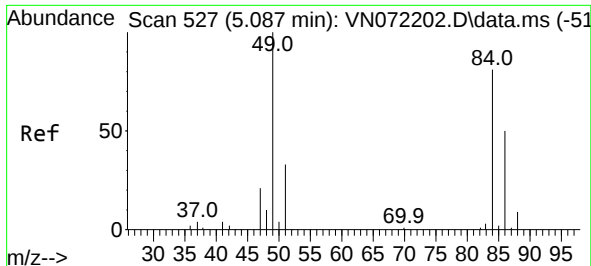
Tgt Ion: 76 Resp: 59
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.470 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

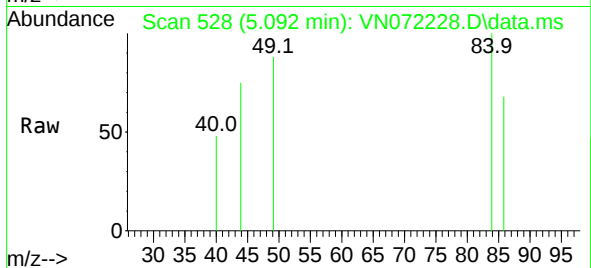
Tgt Ion: 43 Resp: 2555
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





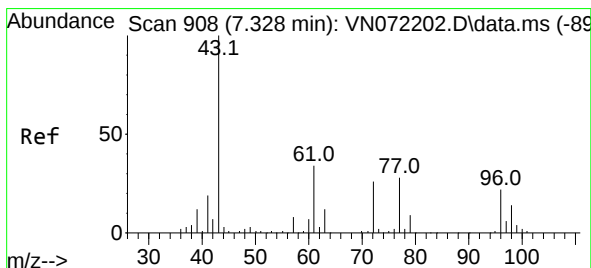
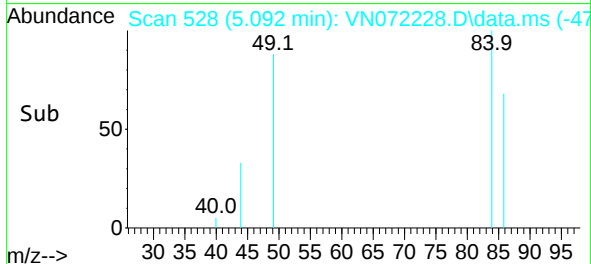
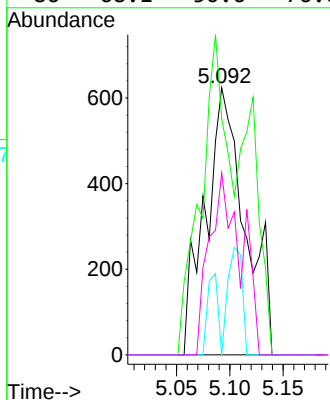
#20
Methylene Chloride
Concen: 0.471 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 84 Resp: 1620

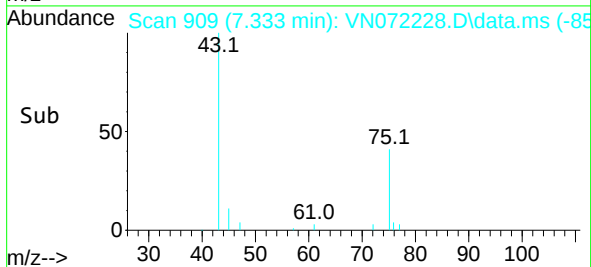
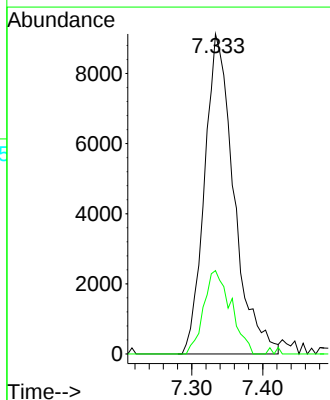
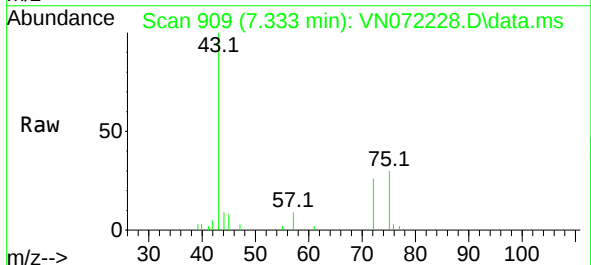
Ion	Ratio	Lower	Upper
84	100		
49	88.3	88.3	132.5#
51	0.0	28.2	42.2#
86	68.1	50.6	76.0

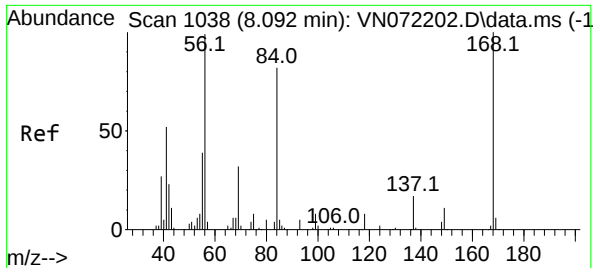


#25
2-Butanone
Concen: 9.155 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 43 Resp: 26175

Ion	Ratio	Lower	Upper
43	100		
72	26.1	23.7	35.5

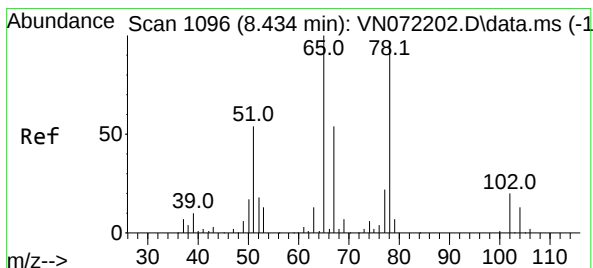
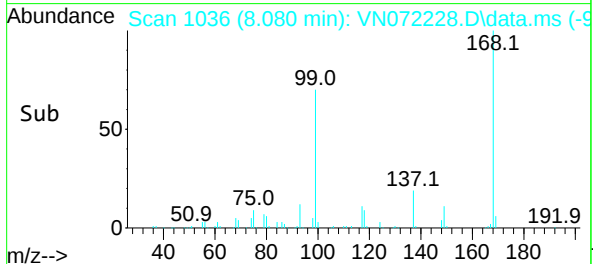
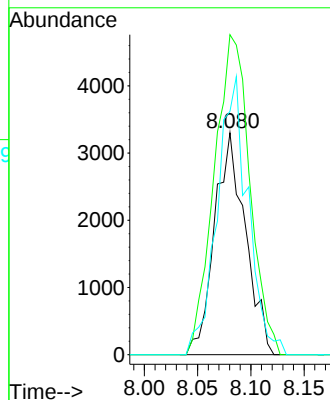
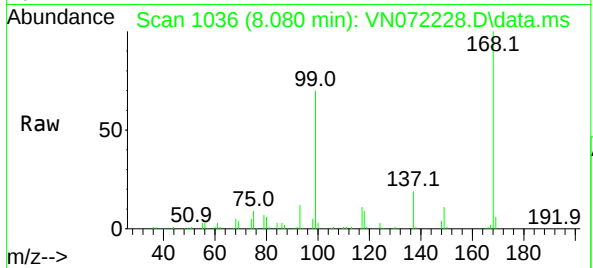




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

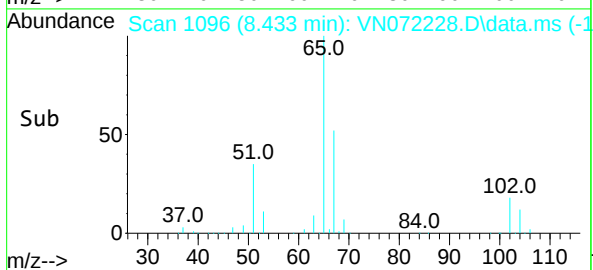
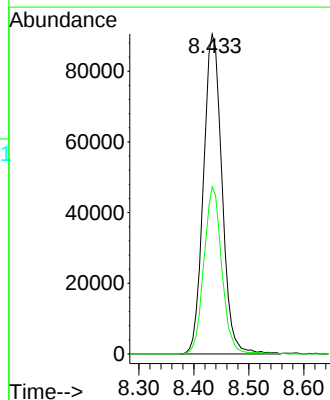
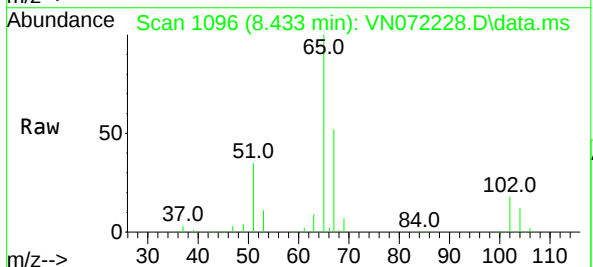
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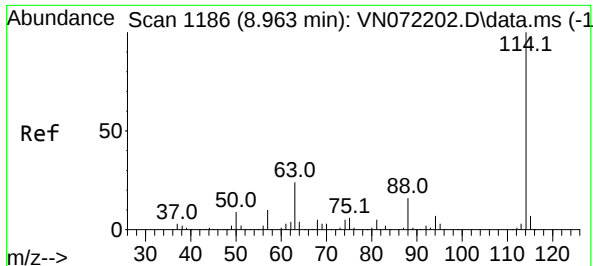
Tgt Ion: 56 Resp: 6645
Ion Ratio Lower Upper
56 100
69 144.2 27.8 41.8#
84 109.7 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.945 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 65 Resp: 212133
Ion Ratio Lower Upper
65 100
67 50.3 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: VN072228.D

Acq: 27 Apr 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

31796

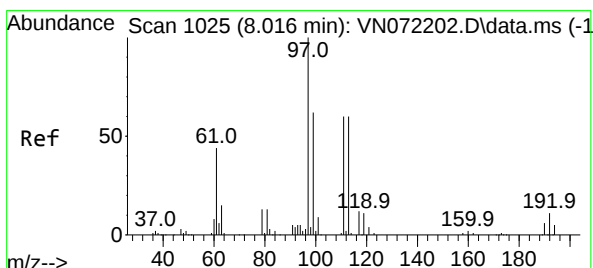
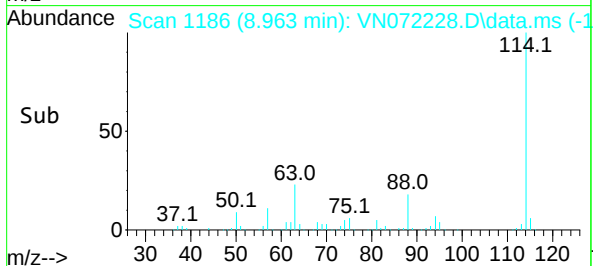
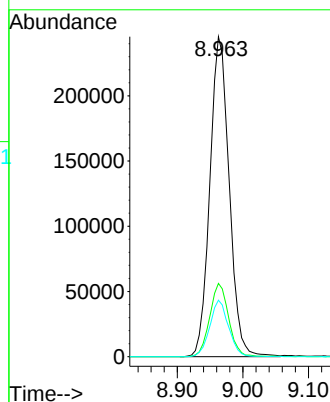
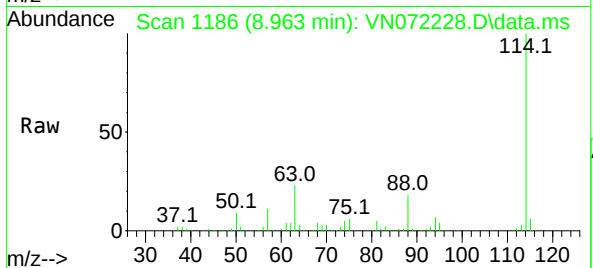
Tgt Ion:114 Resp: 503139

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.287 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072228.D

Acq: 27 Apr 2022 20:06

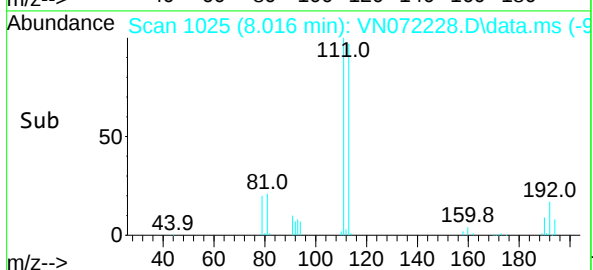
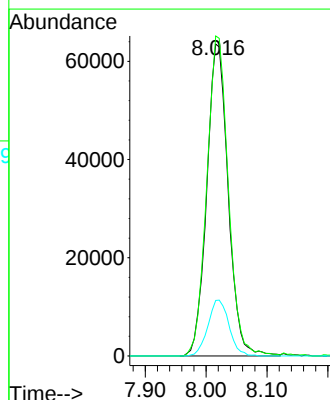
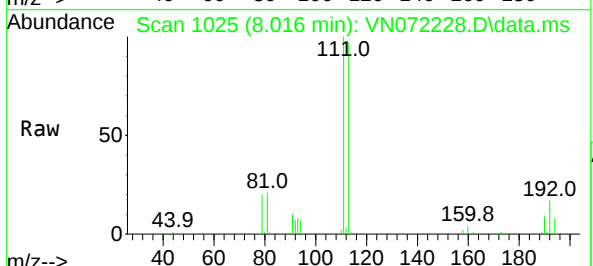
Tgt Ion:113 Resp: 155502

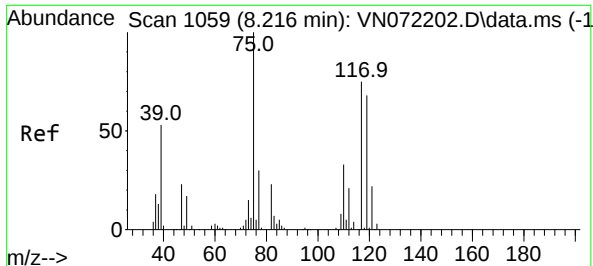
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 17.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 8.080 min Scan# 1

Delta R.T. -0.136 min

Lab File: VN072228.D

Acq: 27 Apr 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

31796

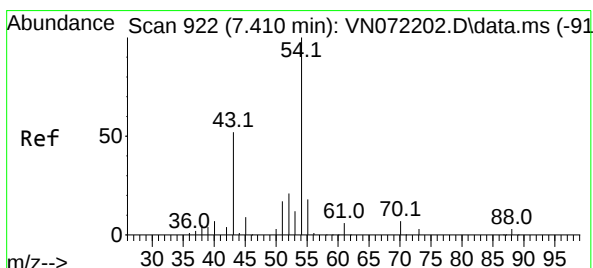
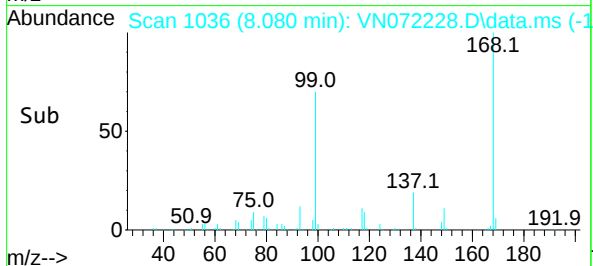
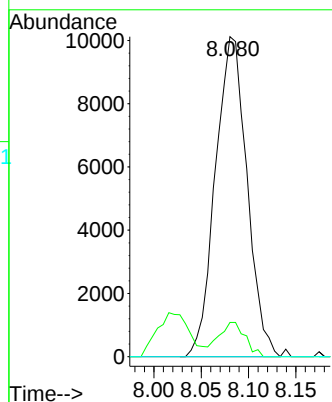
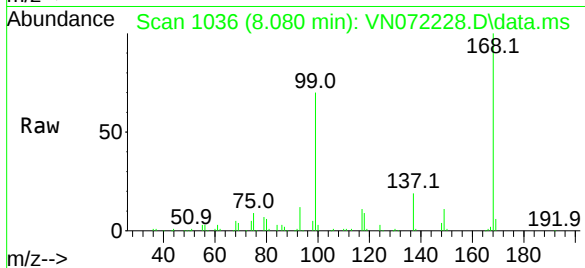
Tgt Ion: 75 Resp: 23511

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 4.205 ug/l

RT: 7.333 min Scan# 909

Delta R.T. -0.077 min

Lab File: VN072228.D

Acq: 27 Apr 2022 20:06

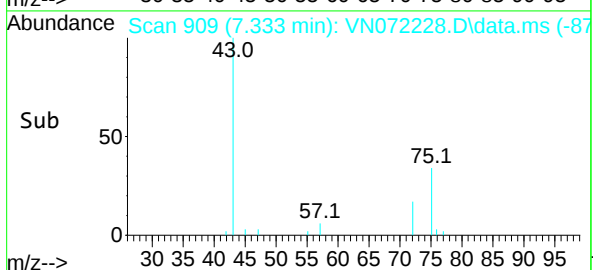
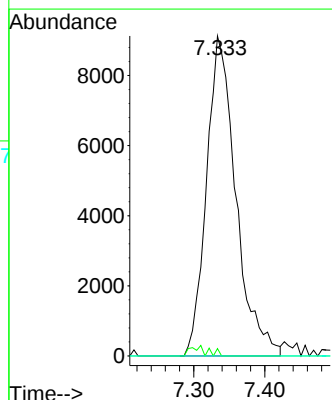
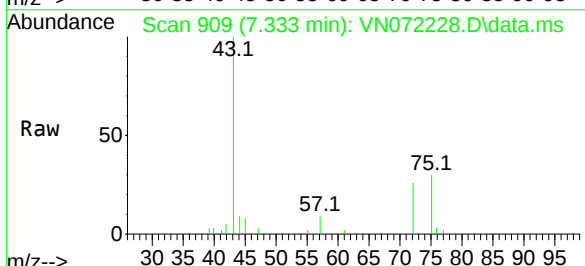
Tgt Ion: 43 Resp: 26175

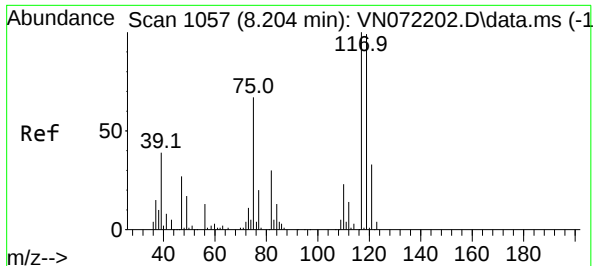
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

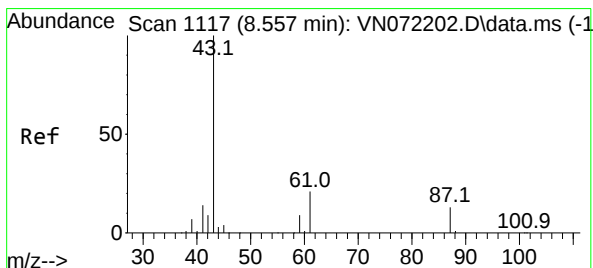
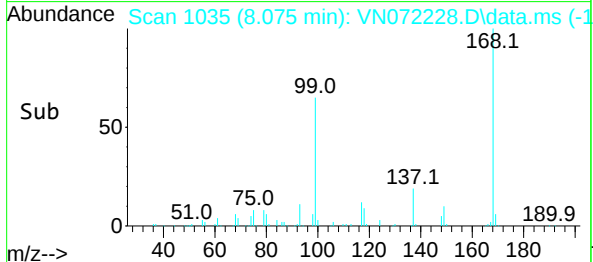
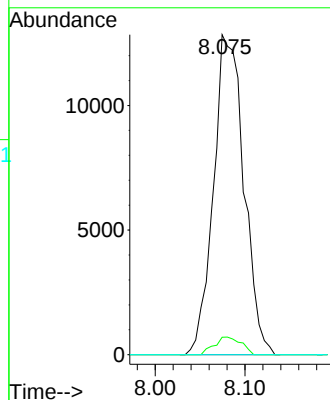
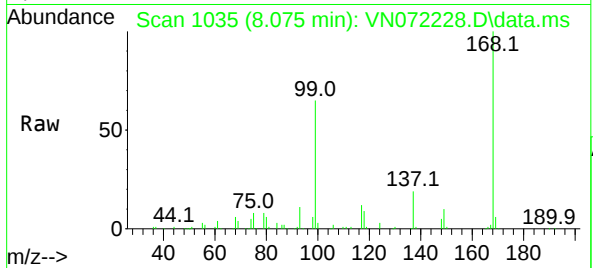




#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 8.075 min Scan# 1109
Delta R.T. -0.129 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

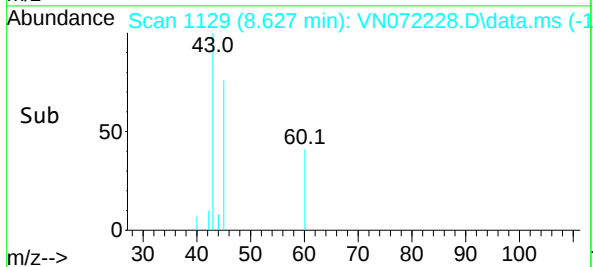
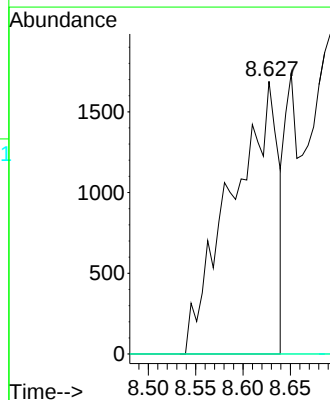
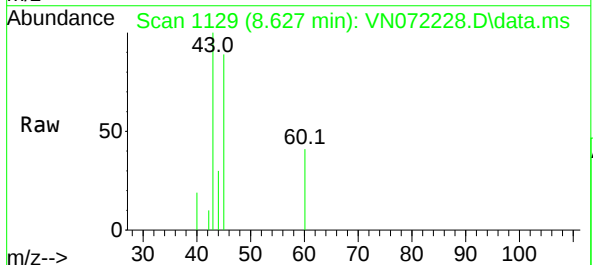
Instrument :
MSVOA_N
ClientSampleId :
31796

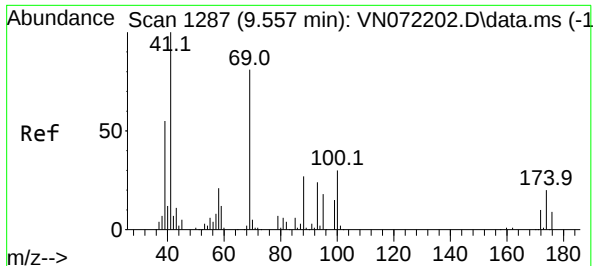
Tgt Ion:117 Resp: 30125
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.381 ug/l
RT: 8.627 min Scan# 1129
Delta R.T. 0.070 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#48

Methyl methacrylate

Concen: 0.814 ug/l

RT: 9.533 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN072228.D

Acq: 27 Apr 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

31796

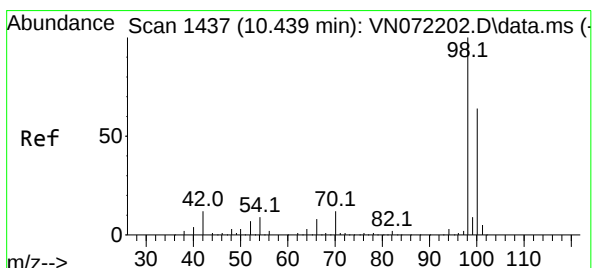
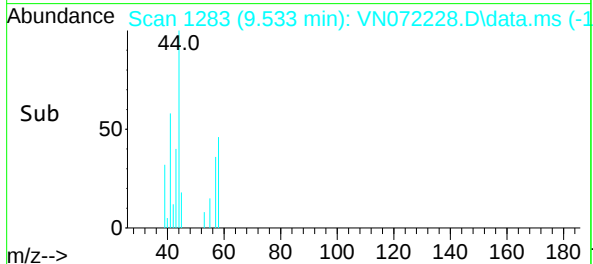
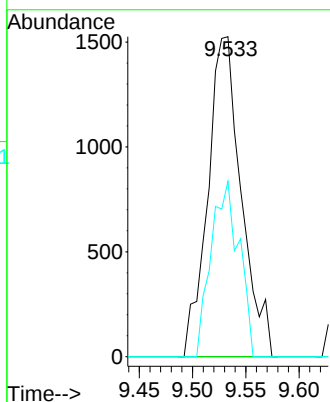
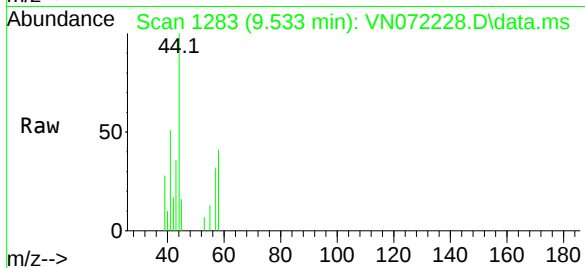
Tgt Ion: 41 Resp: 3346

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 45.7 45.6 68.4



#50

Toluene-d8

Concen: 51.559 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072228.D

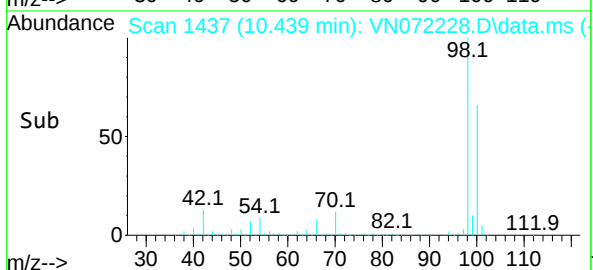
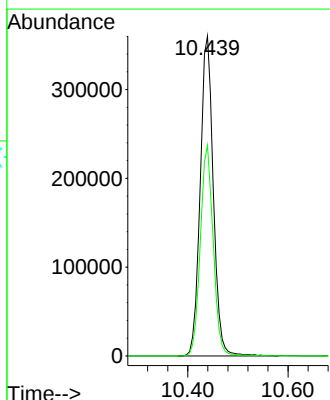
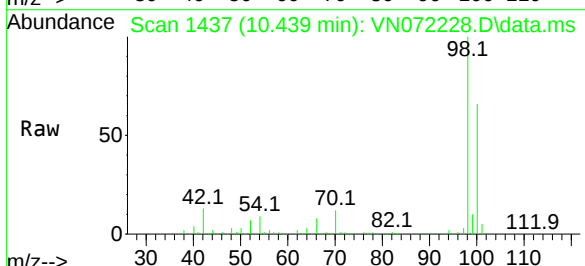
Acq: 27 Apr 2022 20:06

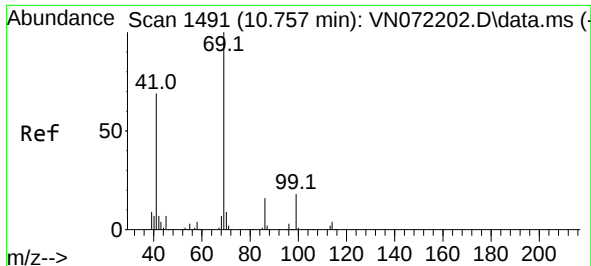
Tgt Ion: 98 Resp: 652437

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

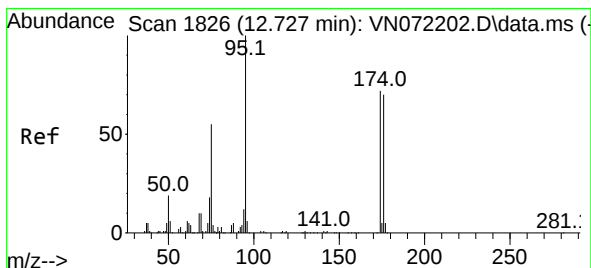
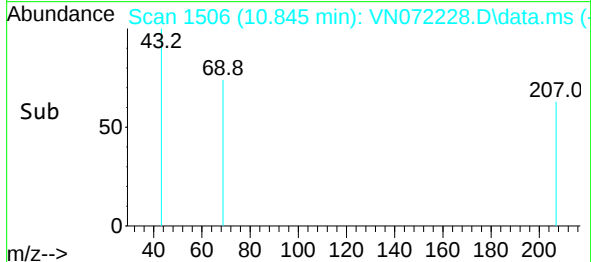
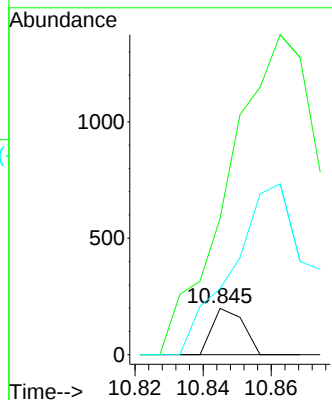
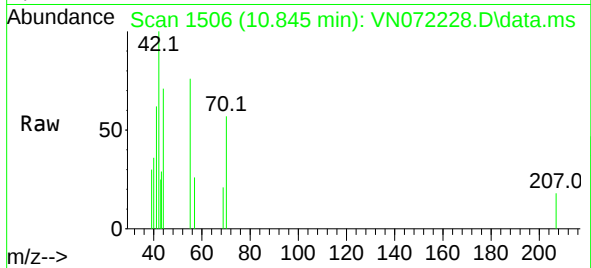




#56
Ethyl methacrylate
Concen: 2.384 ug/l
RT: 10.845 min Scan# 11
Delta R.T. 0.088 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

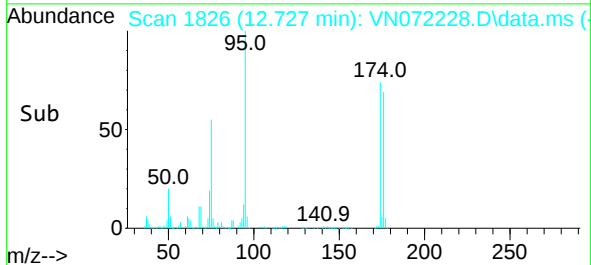
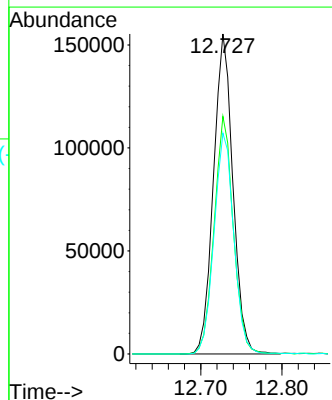
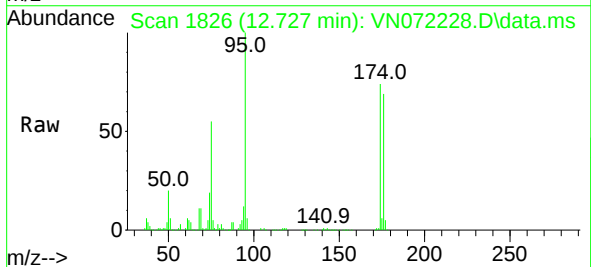
Instrument :
MSVOA_N
ClientSampleId :
31796

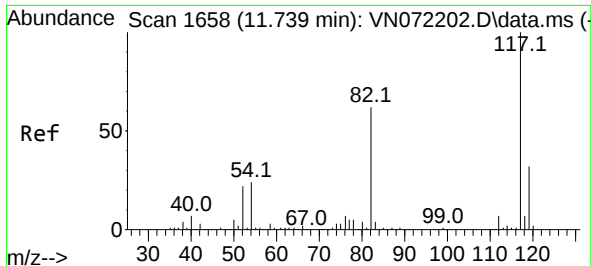
Tgt Ion: 69 Resp: 127
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#



#62
4-Bromofluorobenzene
Concen: 61.429 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 95 Resp: 258010
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 70.3 0.0 163.4

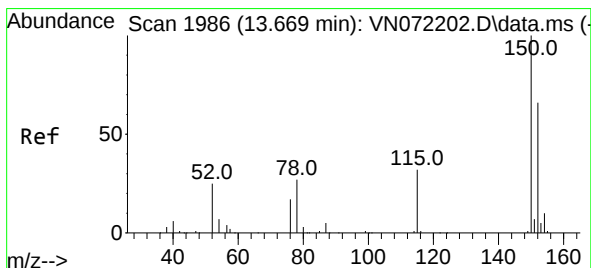
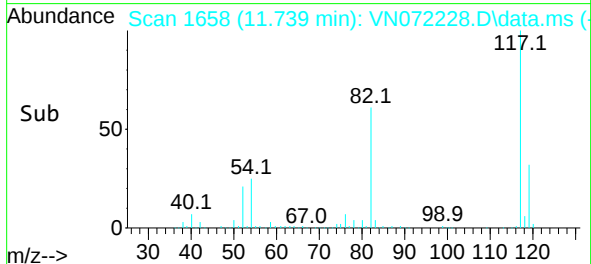
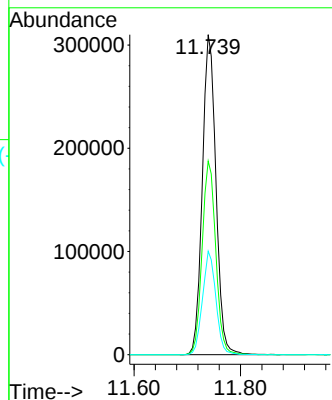
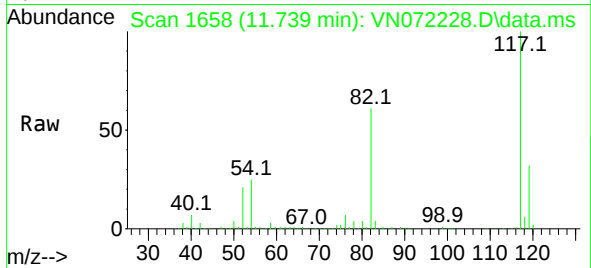




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

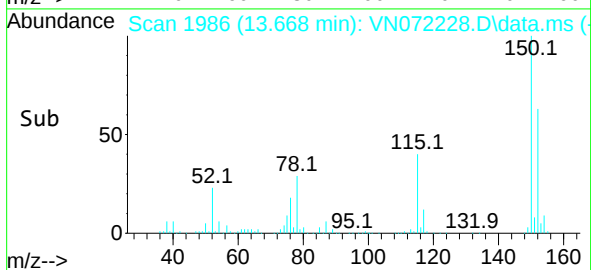
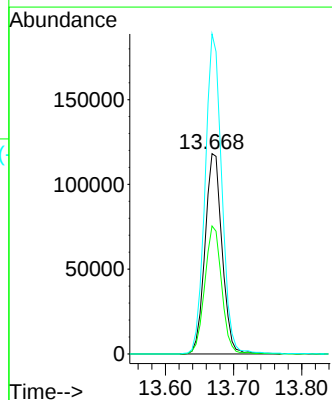
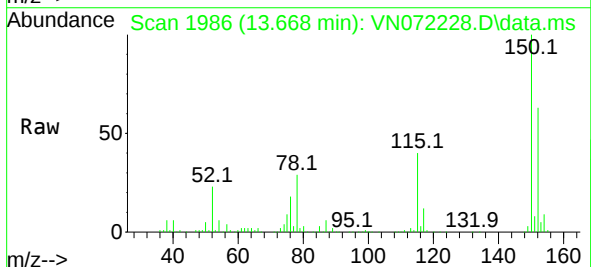
Instrument :
MSVOA_N
ClientSampleId :
31796

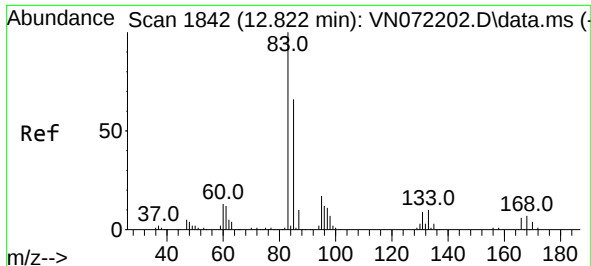
Tgt Ion:117 Resp: 549944
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion:152 Resp: 205600
Ion Ratio Lower Upper
152 100
115 63.5 28.9 86.7
150 156.2 0.0 356.2

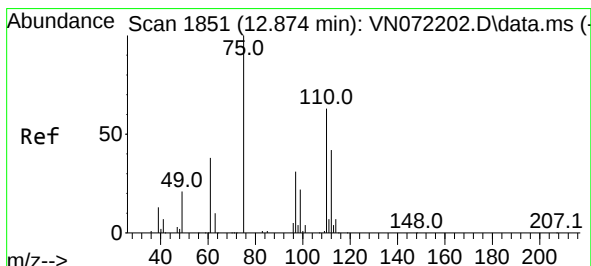
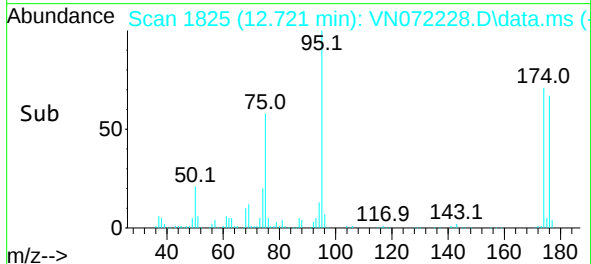
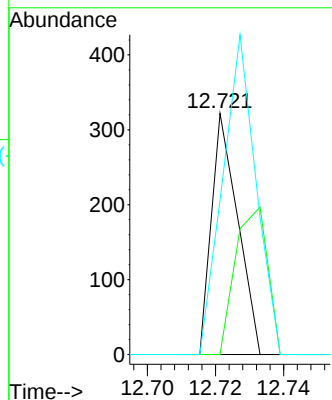
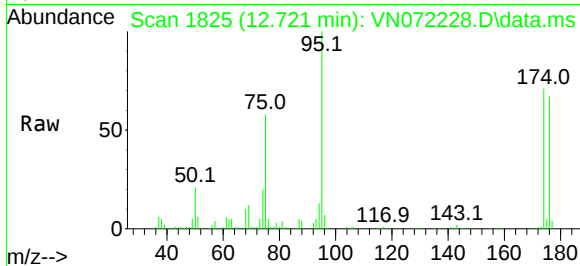




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.721 min Scan# 1825
Delta R.T. -0.101 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

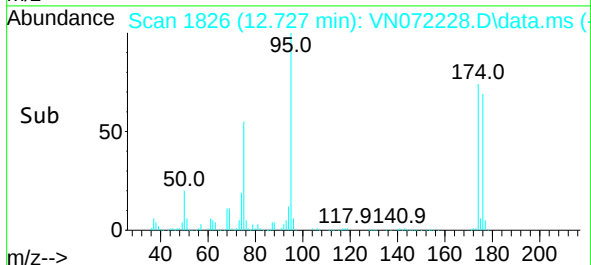
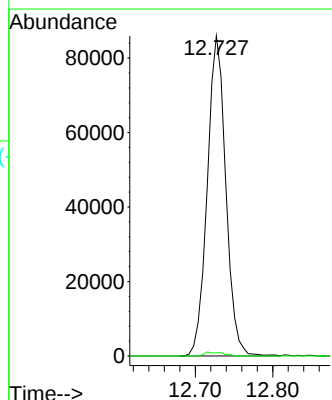
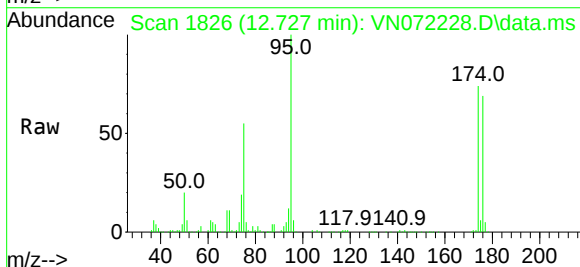
Instrument :
MSVOA_N
ClientSampleId :
31796

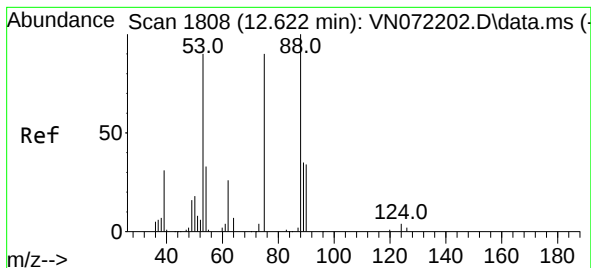
Tgt Ion: 83 Resp: 172
Ion Ratio Lower Upper
83 100
131 75.0 5.3 15.9#
85 167.4 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 30.924 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072228.D
Acq: 27 Apr 2022 20:06

Tgt Ion: 75 Resp: 142843
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

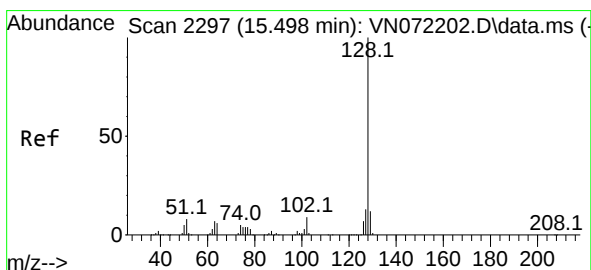
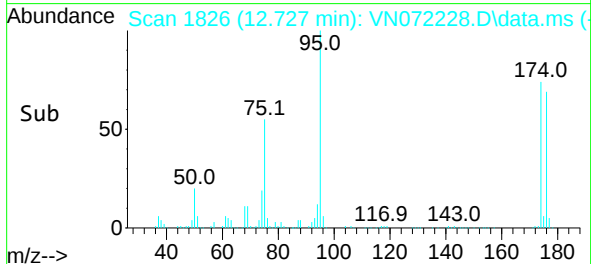
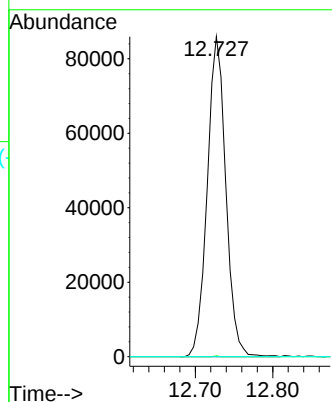
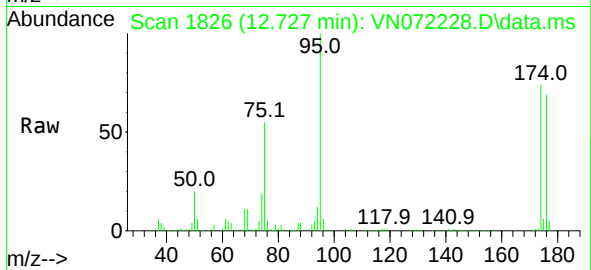




#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.333 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.105 min
 Lab File: VN072228.D
 Acq: 27 Apr 2022 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 31796

Tgt Ion: 75 Resp: 142843
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 4.316 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VN072228.D
 Acq: 27 Apr 2022 20:06

Tgt Ion: 128 Resp: 194
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#

