

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072230.D
 Acq On : 27 Apr 2022 20:54
 Operator : JC\MD
 Sample : N2575-10 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31798

Quant Time: Apr 28 06:07:34 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)

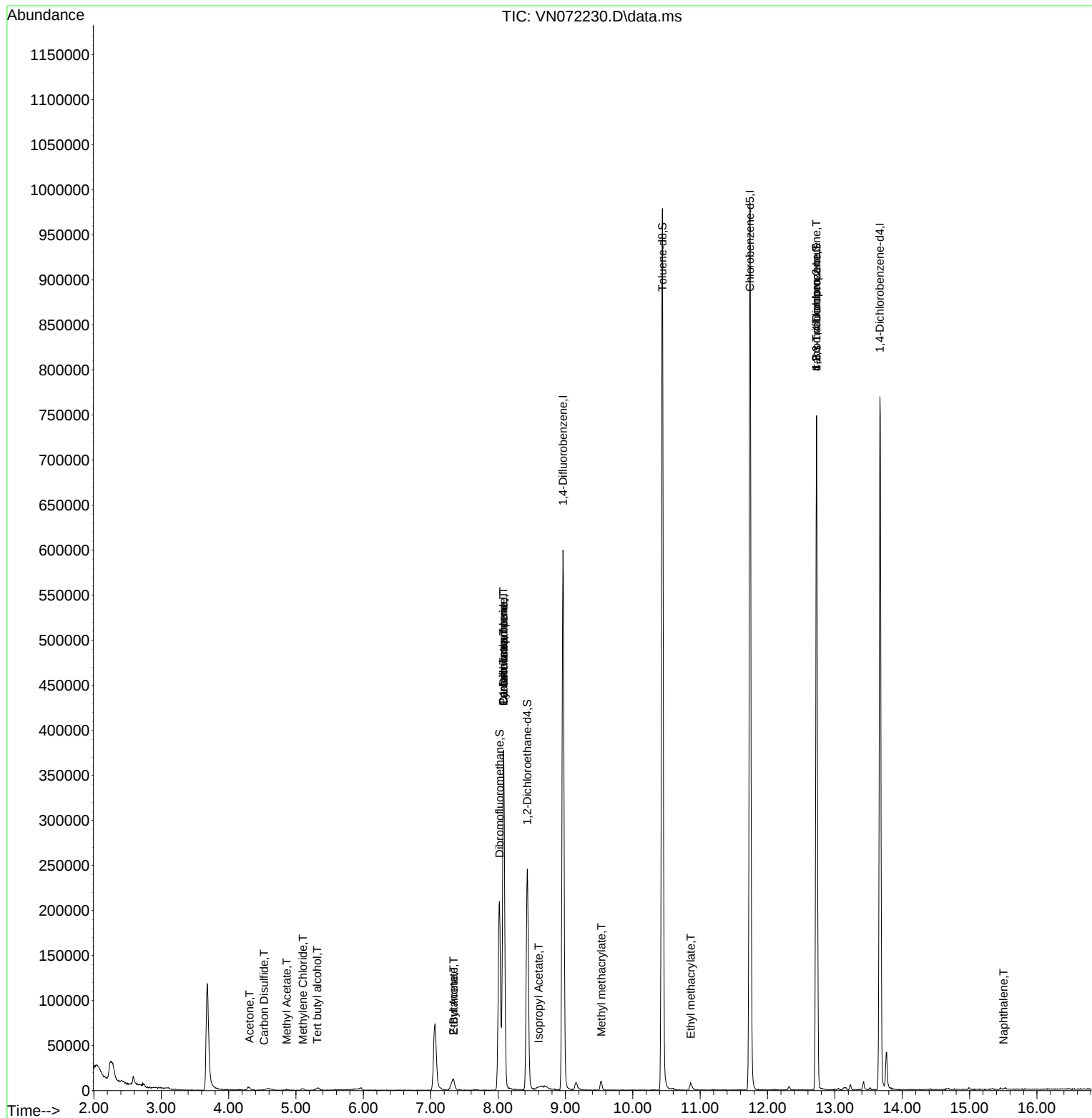
Internal Standards						
1) Pentafluorobenzene	8.081	168	269183	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	506383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	545005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	198907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	215415	52.126	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.260%		
35) Dibromofluoromethane	8.022	113	153339	47.310	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 94.620%		
50) Toluene-d8	10.439	98	650554	51.081	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.160%		
62) 4-Bromofluorobenzene	12.727	95	257101	60.820	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 121.640%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	1402	Below Cal	#	43
5) Bromomethane	2.857	94	53	Below Cal	#	2
6) Chloroethane	2.987	64	265	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	3610	5.316	ug/l	# 72
16) Acetone	4.310	43	5841	3.278	ug/l	# 88
17) Carbon Disulfide	4.528	76	55	0.372	ug/l	# 75
18) Methyl Acetate	4.863	43	2251	0.413	ug/l	# 66
20) Methylene Chloride	5.104	84	1615	0.473	ug/l	# 78
25) 2-Butanone	7.340	43	19249	6.784	ug/l	100
31) Cyclohexane	8.081	56	6041	1.094	ug/l	# 17
36) 1,1-Dichloropropene	8.081	75	22695	4.811	ug/l	# 50
37) Ethyl Acetate	7.340	43	19249	3.072	ug/l	# 67
38) Carbon Tetrachloride	8.081	117	29791	5.896	ug/l	# 16
43) Isopropyl Acetate	8.604	43	4234	1.225	ug/l	# 53
48) Methyl methacrylate	9.534	41	3553	0.859	ug/l	# 37
56) Ethyl methacrylate	10.863	69	197	2.394	ug/l	# 1
76) 1,2,3-Trichloropropane	12.727	75	141035	31.550	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	141035	81.985	ug/l	# 10
95) Naphthalene	15.504	128	178	4.315	ug/l	# 69

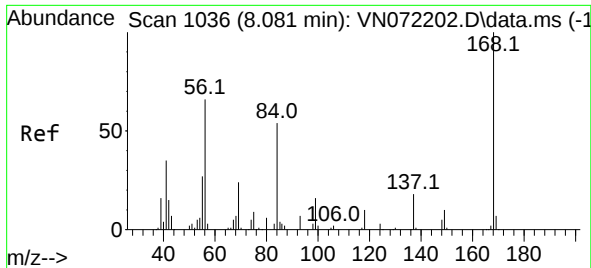
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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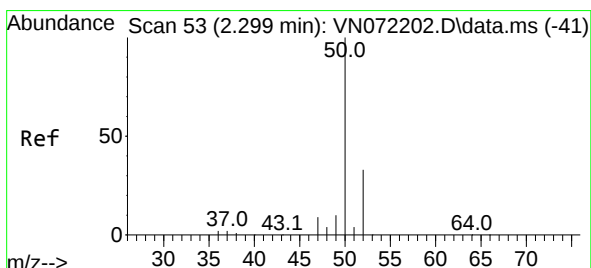
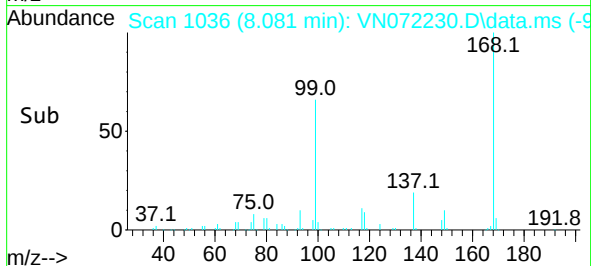
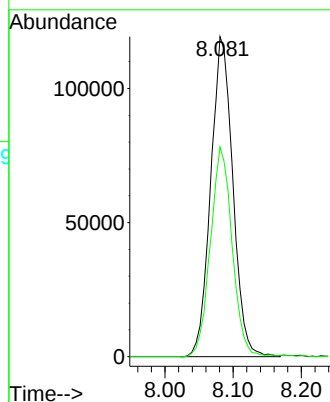
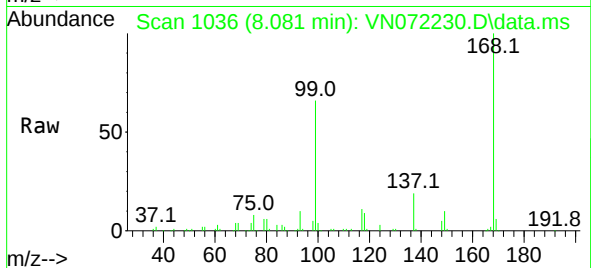




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

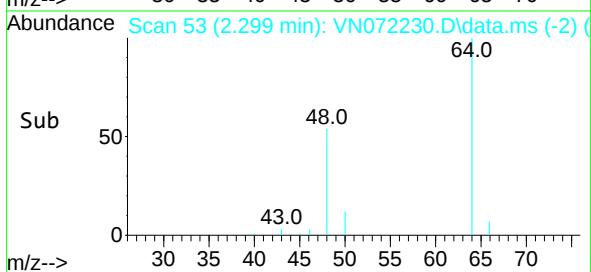
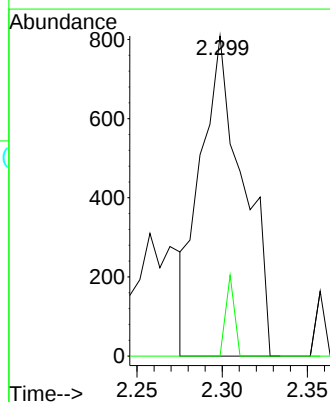
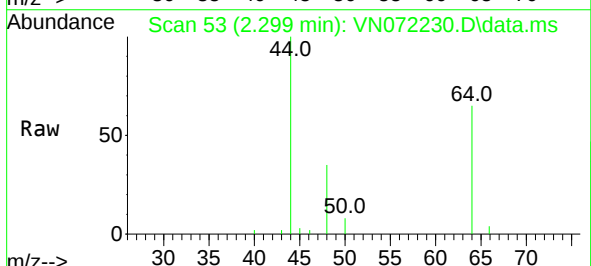
Instrument :
MSVOA_N
ClientSampleId :
31798

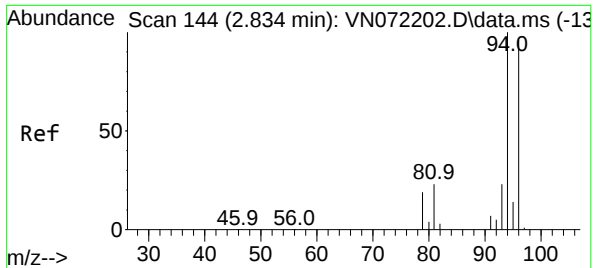
Tgt Ion:168 Resp: 269183
Ion Ratio Lower Upper
168 100
99 65.5 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 50 Resp: 1402
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

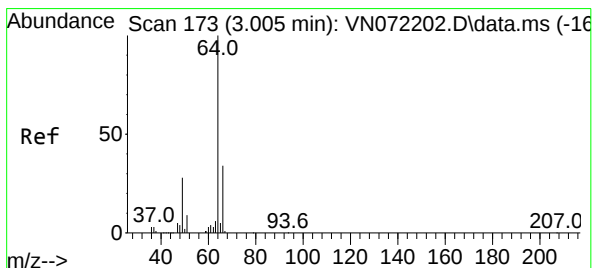
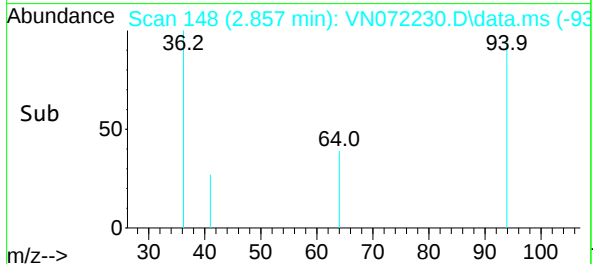
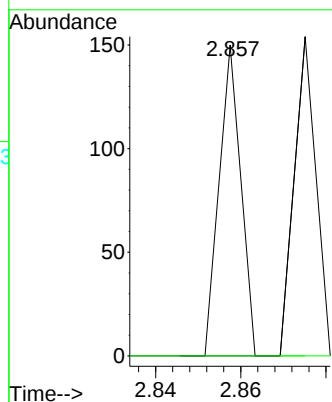
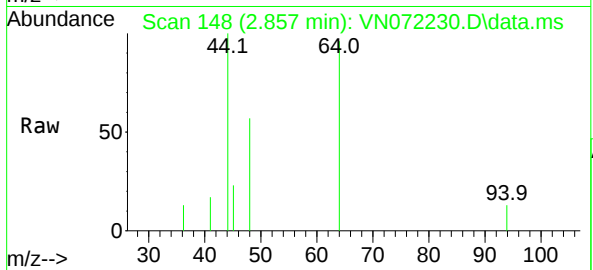




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 14
Delta R.T. 0.023 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

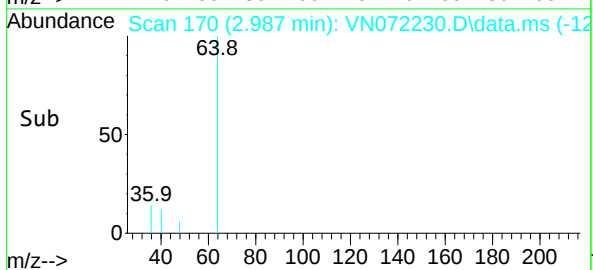
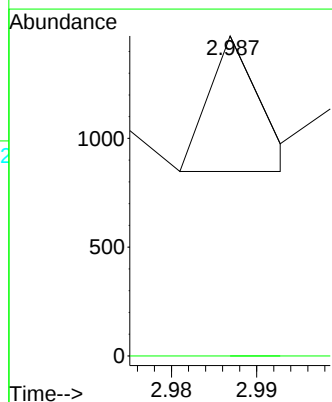
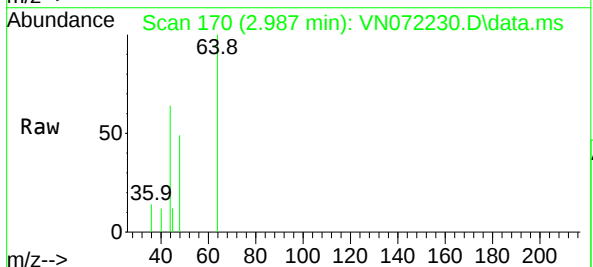
Instrument :
MSVOA_N
ClientSampleId :
31798

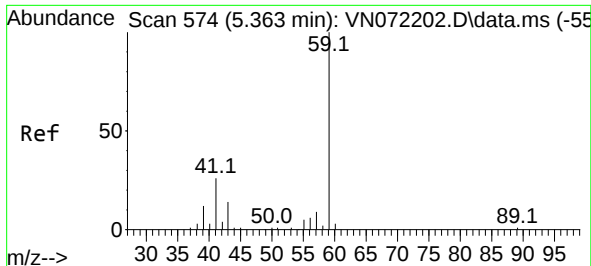
Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 170
Delta R.T. -0.018 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 64 Resp: 265
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

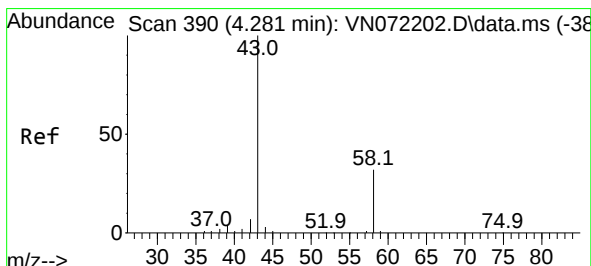
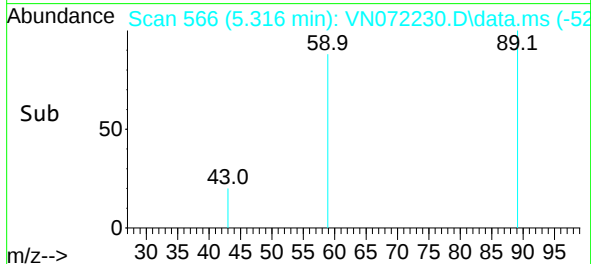
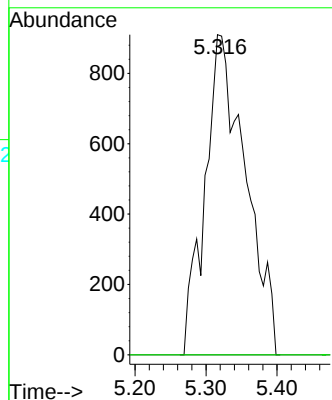
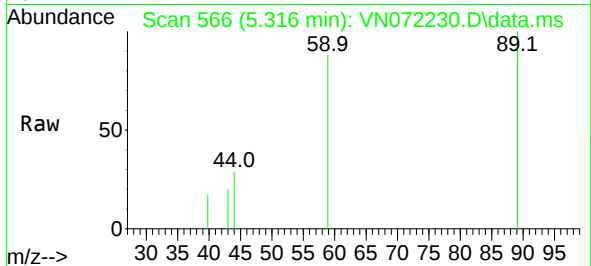




#11
Tert butyl alcohol
Concen: 5.316 ug/l
RT: 5.316 min Scan# 501
Delta R.T. -0.047 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

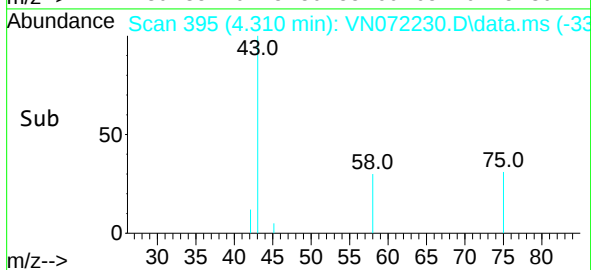
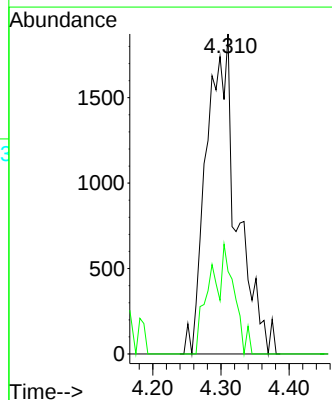
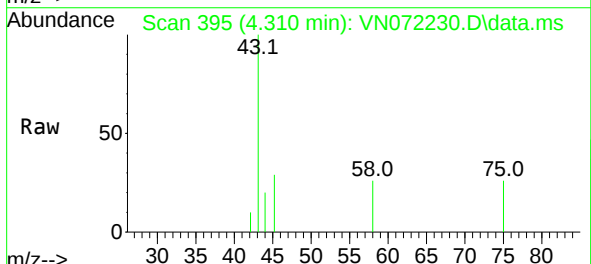
Instrument :
MSVOA_N
ClientSampleId :
31798

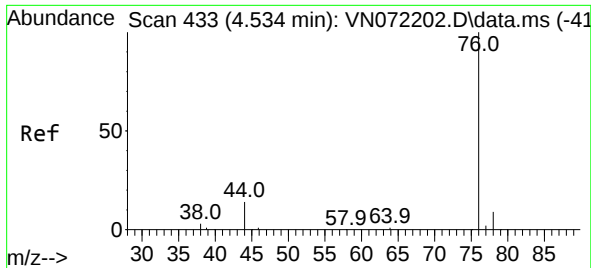
Tgt Ion: 59 Resp: 3610
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.278 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.029 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

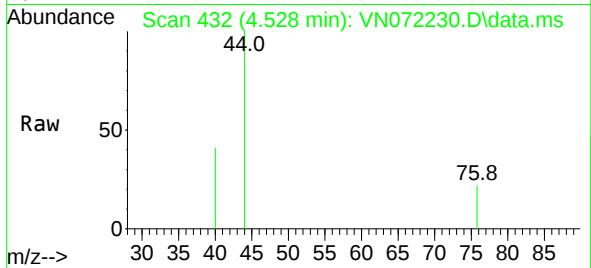
Tgt Ion: 43 Resp: 5841
Ion Ratio Lower Upper
43 100
58 25.8 26.0 39.0#



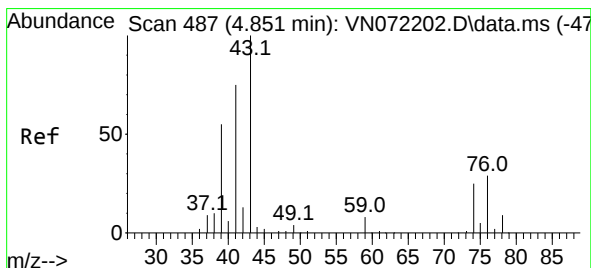
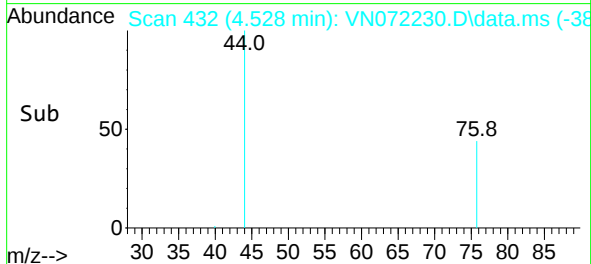
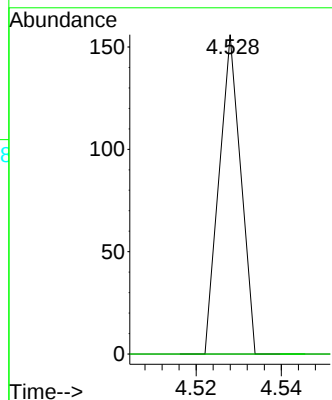


#17
Carbon Disulfide
Concen: 0.372 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Instrument :
MSVOA_N
ClientSampleId :
31798

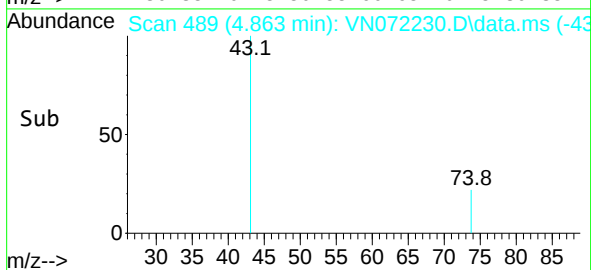
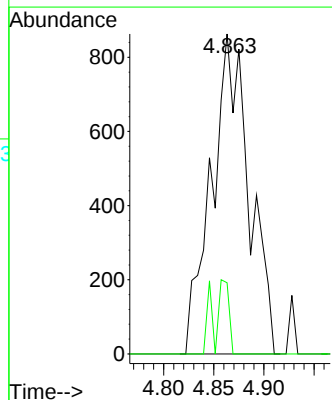
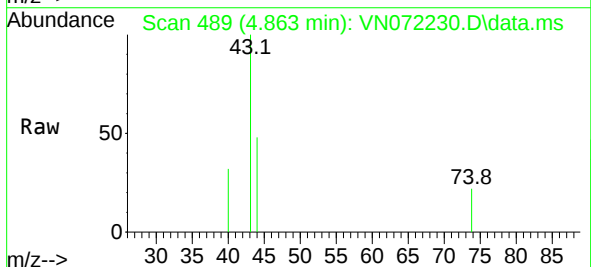


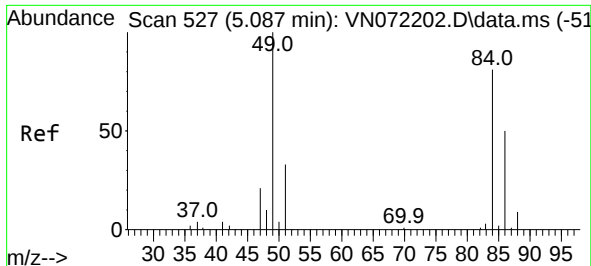
Tgt Ion: 76 Resp: 55
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.413 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
74 9.2 21.6 32.4#



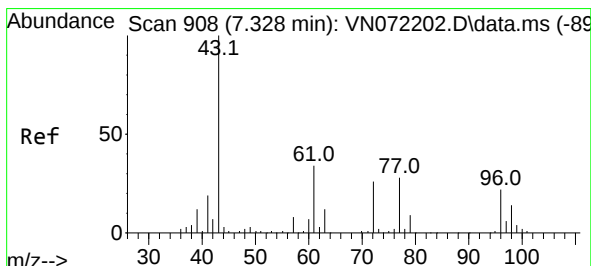
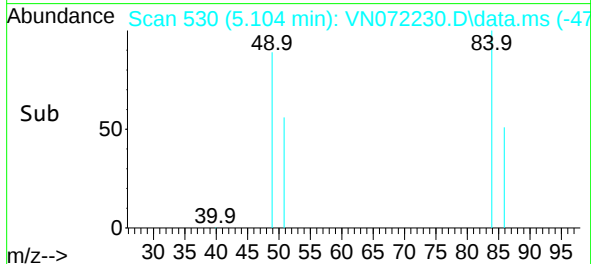
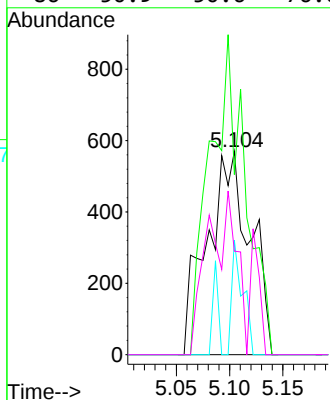
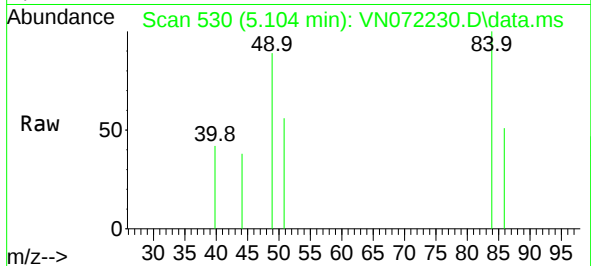


#20
Methylene Chloride
Concen: 0.473 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 84 Resp: 1615

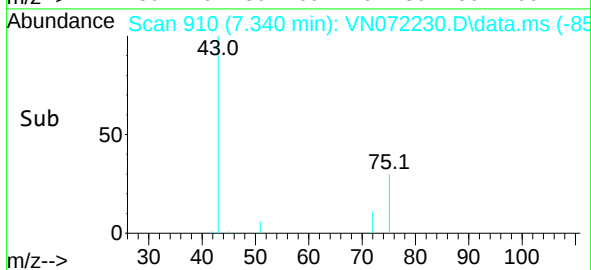
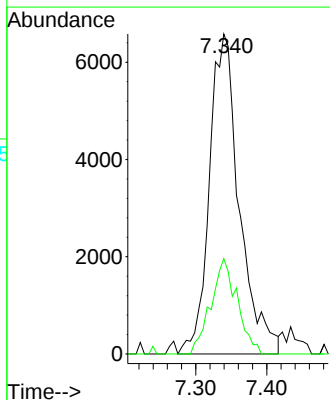
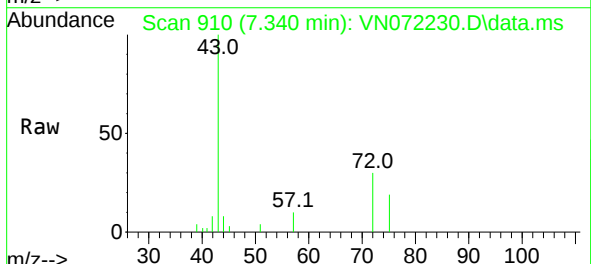
Ion	Ratio	Lower	Upper
84	100		
49	88.6	88.3	132.5
51	56.3	28.2	42.2
86	50.9	50.6	76.0

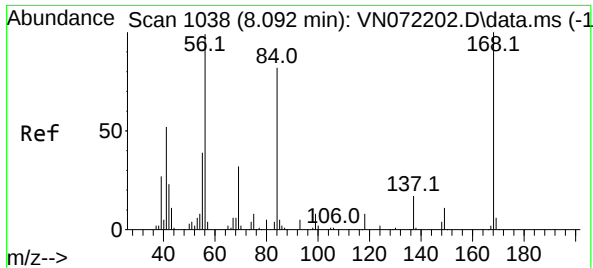


#25
2-Butanone
Concen: 6.784 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 43 Resp: 19249

Ion	Ratio	Lower	Upper
43	100		
72	29.8	23.7	35.5





#31

Cyclohexane

Concen: 1.094 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072230.D

Acq: 27 Apr 2022 20:54

Instrument :

MSVOA_N

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31798

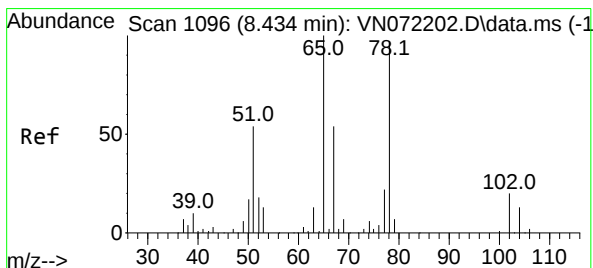
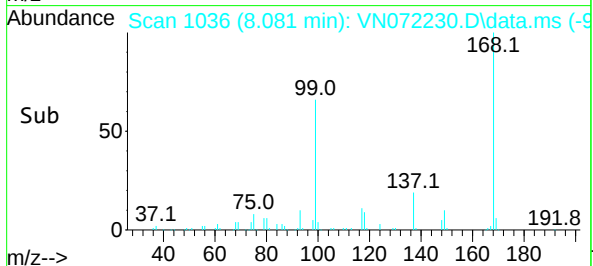
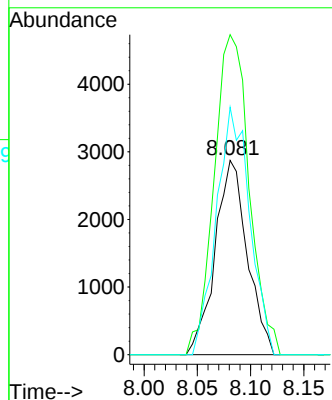
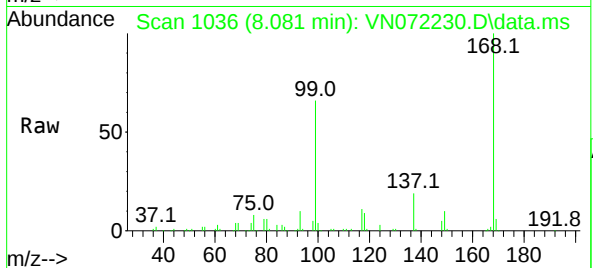
Tgt Ion: 56 Resp: 6041

Ion Ratio Lower Upper

56 100

69 164.7 27.8 41.8#

84 127.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 52.126 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072230.D

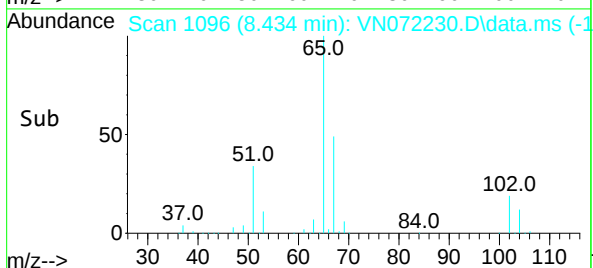
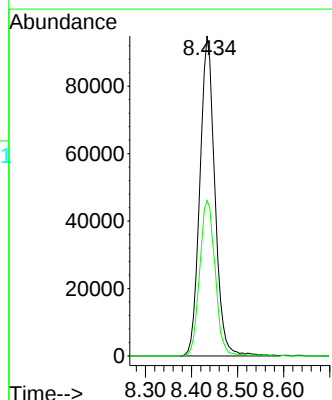
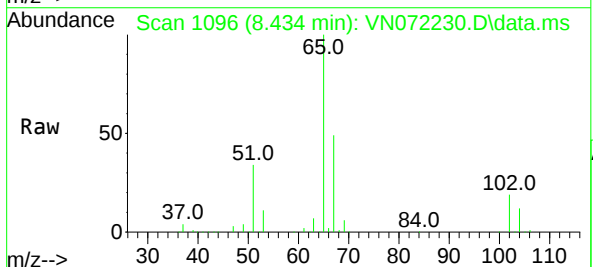
Acq: 27 Apr 2022 20:54

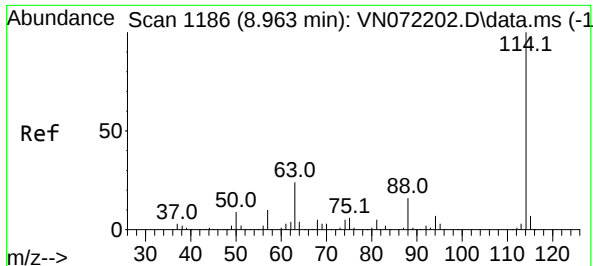
Tgt Ion: 65 Resp: 215415

Ion Ratio Lower Upper

65 100

67 49.9 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: VN072230.D

Acq: 27 Apr 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

31798

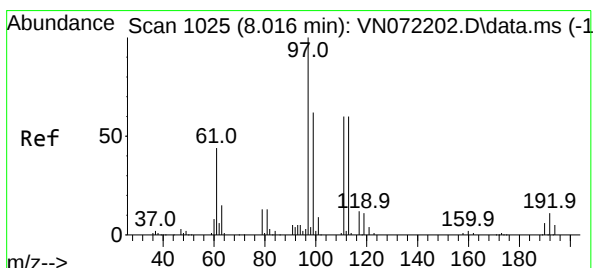
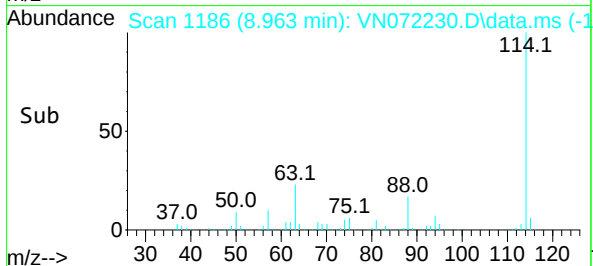
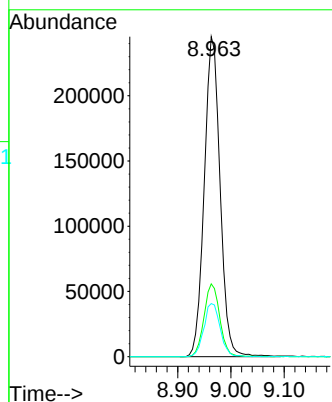
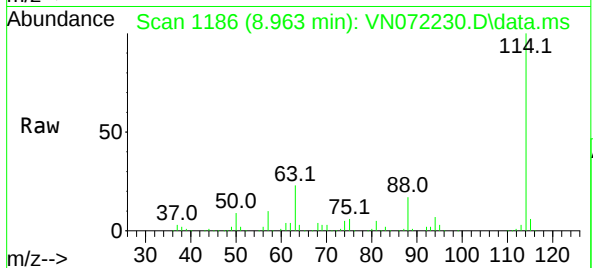
Tgt Ion:114 Resp: 506383

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.310 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072230.D

Acq: 27 Apr 2022 20:54

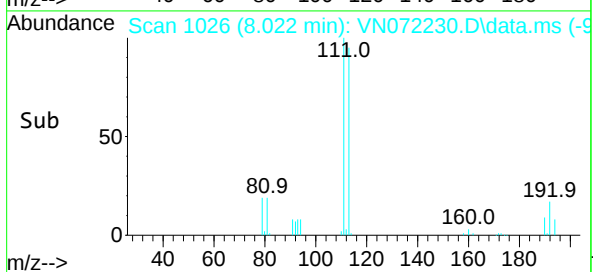
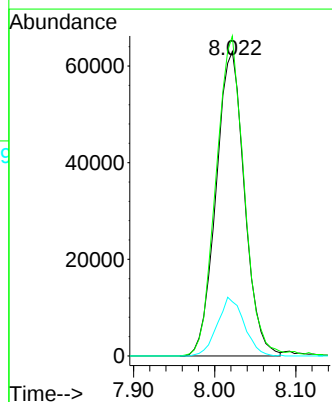
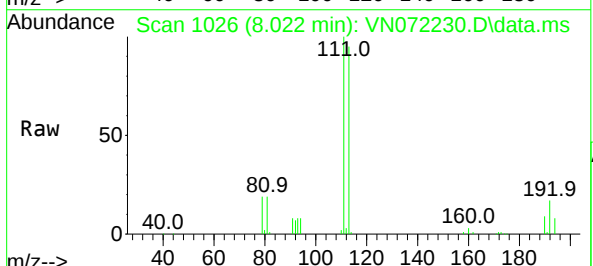
Tgt Ion:113 Resp: 153339

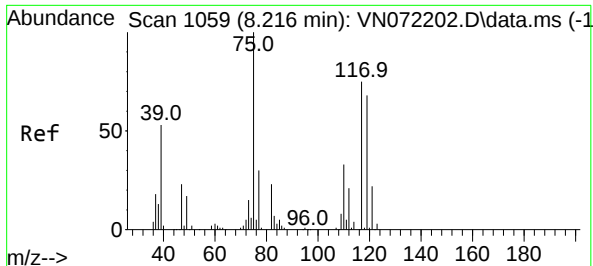
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 18.2 17.0 25.6

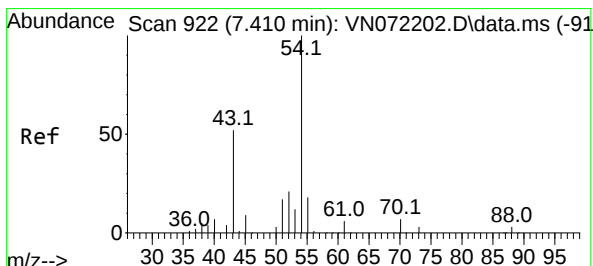
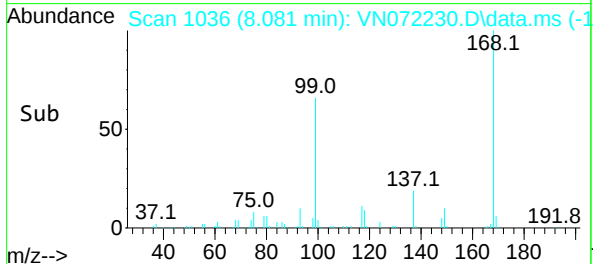
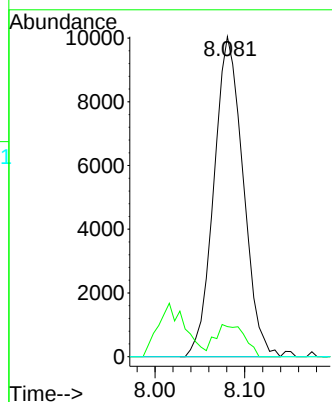
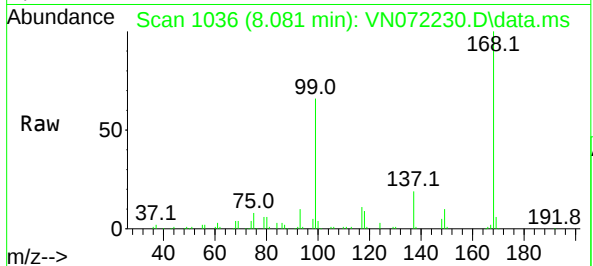




#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 8.081 min Scan# 1059
Delta R.T. -0.135 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

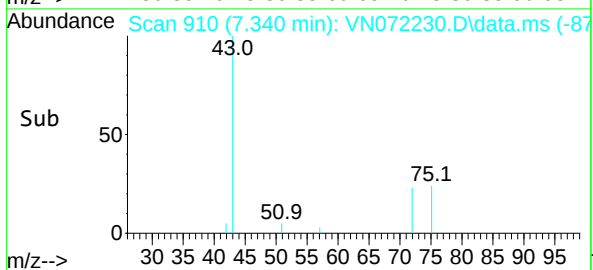
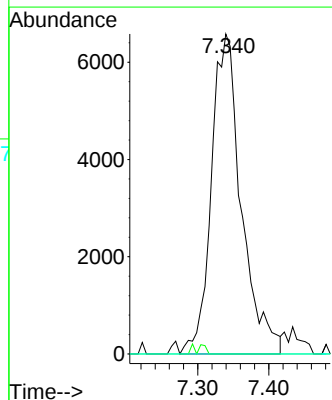
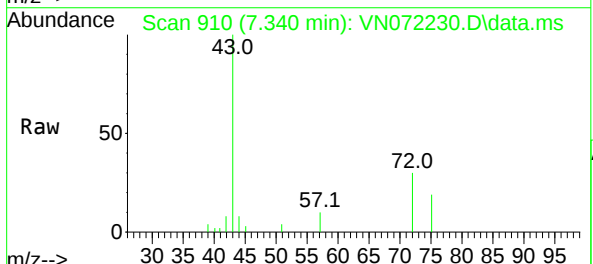
Instrument :
MSVOA_N
ClientSampleId :
31798

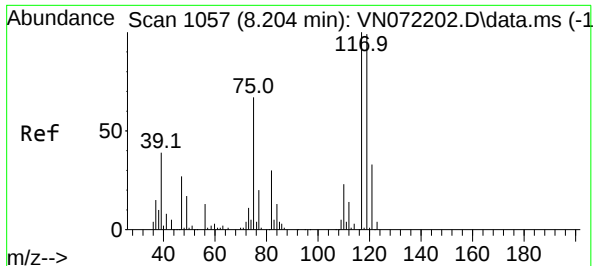
Tgt Ion: 75 Resp: 22695
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 3.072 ug/l
RT: 7.340 min Scan# 910
Delta R.T. -0.070 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 43 Resp: 19249
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

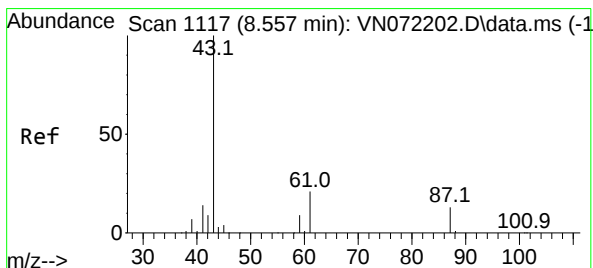
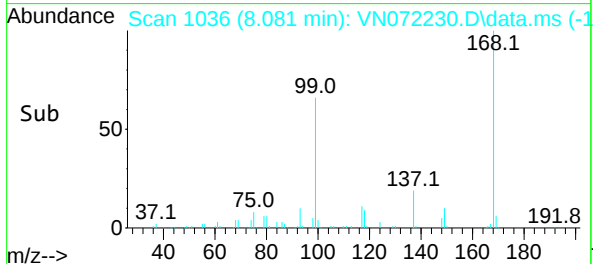
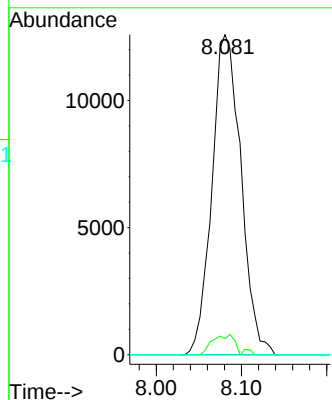
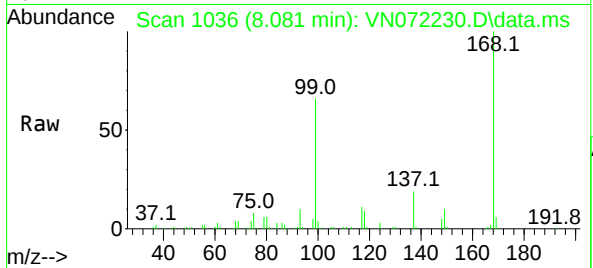




#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

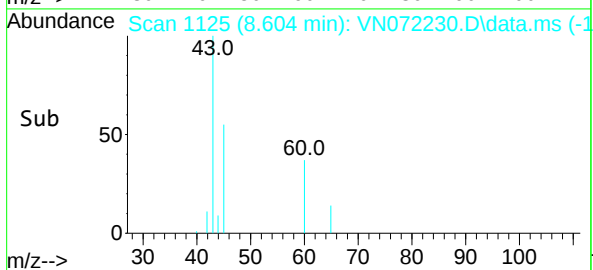
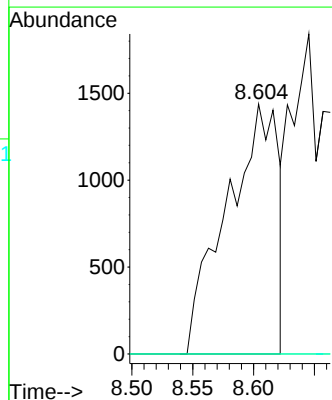
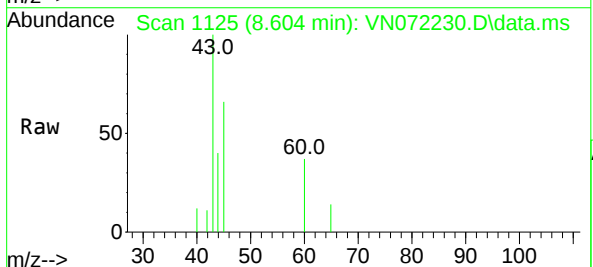
Instrument :
MSVOA_N
ClientSampleId :
31798

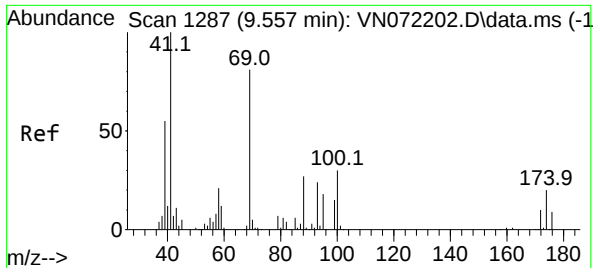
Tgt Ion:117 Resp: 29791
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.225 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.047 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 43 Resp: 4234
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

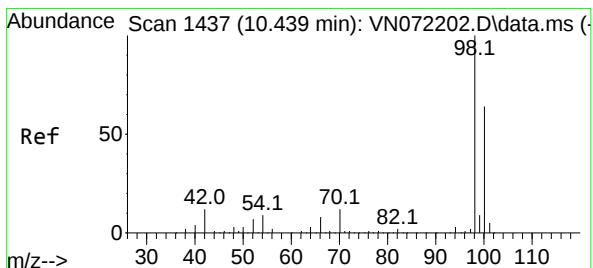
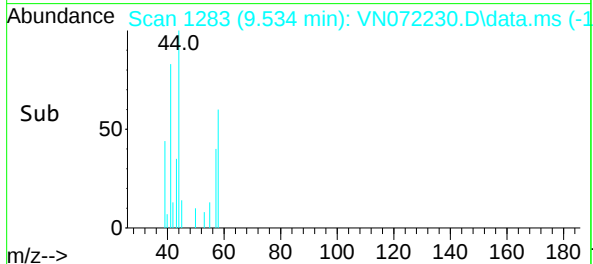
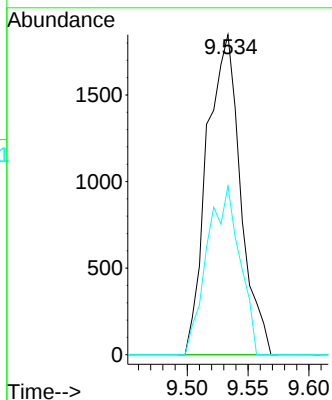
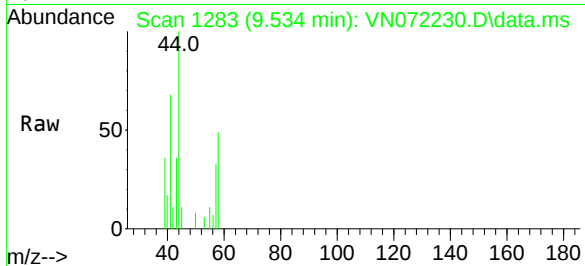




#48
Methyl methacrylate
Concen: 0.859 ug/l
RT: 9.534 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

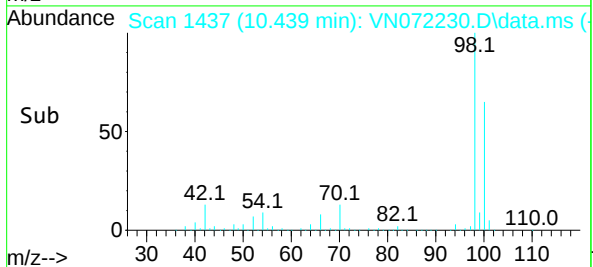
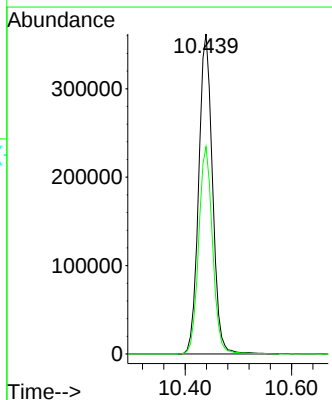
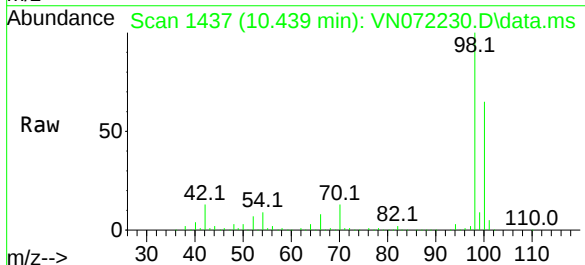
Instrument :
MSVOA_N
ClientSampleId :
31798

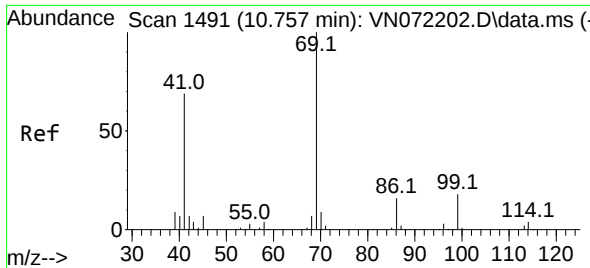
Tgt Ion: 41 Resp: 3553
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 51.1 45.6 68.4



#50
Toluene-d8
Concen: 51.081 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 98 Resp: 650554
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

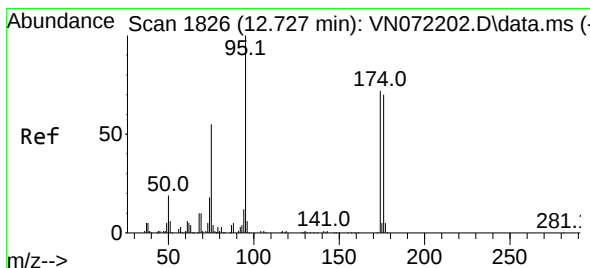
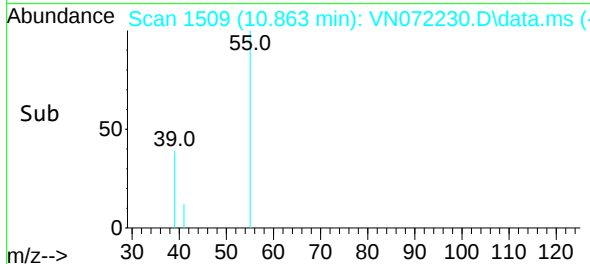
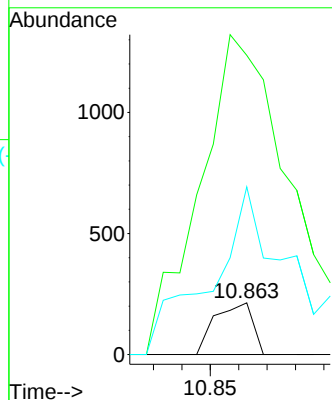
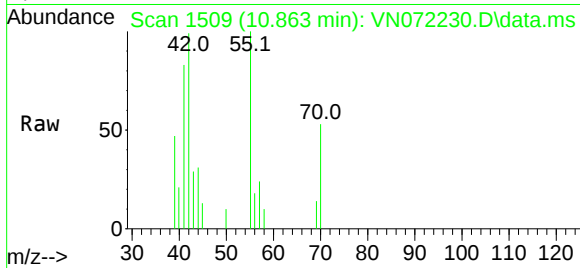




#56
Ethyl methacrylate
Concen: 2.394 ug/l
RT: 10.863 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

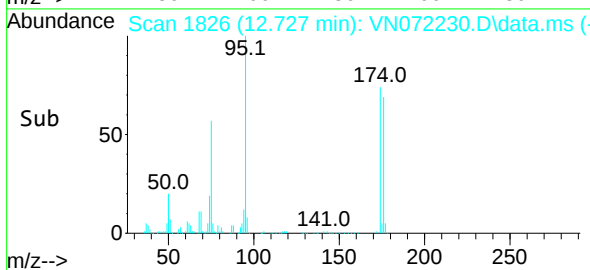
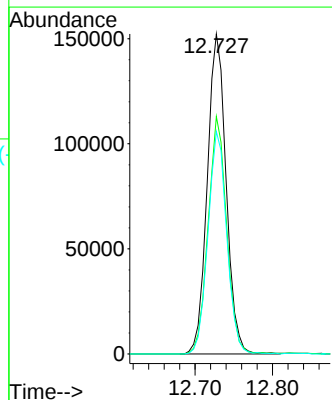
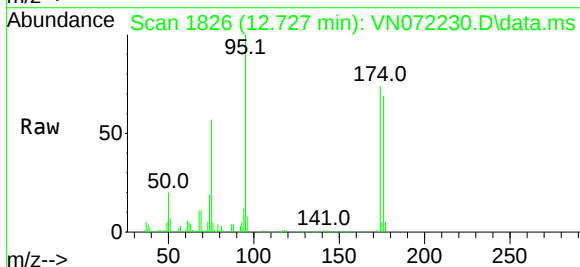
Instrument :
MSVOA_N
ClientSampleId :
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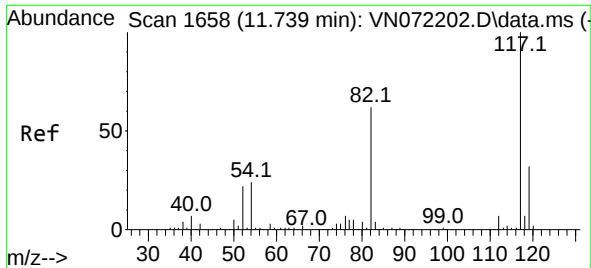
Tgt Ion: 69 Resp: 197
Ion Ratio Lower Upper
69 100
41 1622.8 47.8 71.6#
39 659.4 27.3 40.9#



#62
4-Bromofluorobenzene
Concen: 60.820 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 95 Resp: 257101
Ion Ratio Lower Upper
95 100
174 73.1 0.0 167.6
176 69.1 0.0 163.4

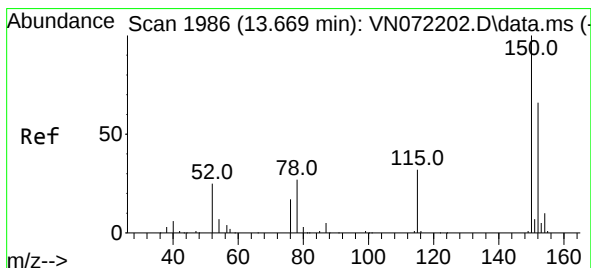
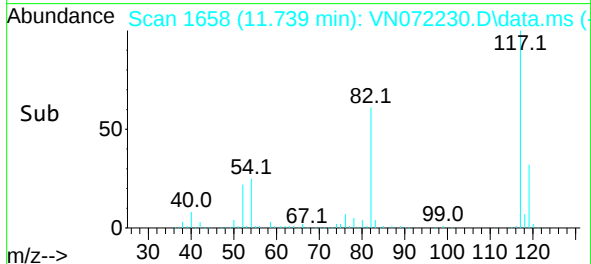
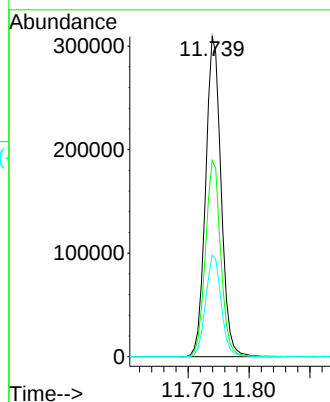
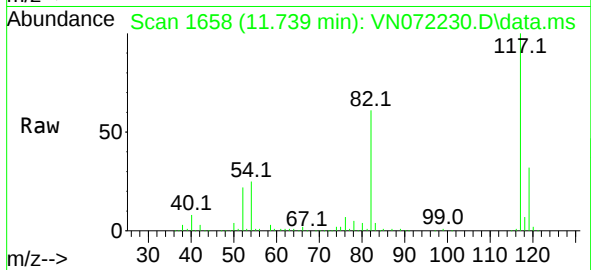




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

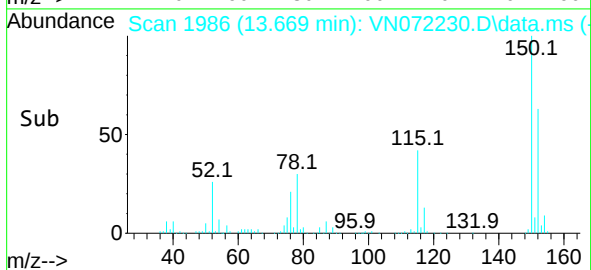
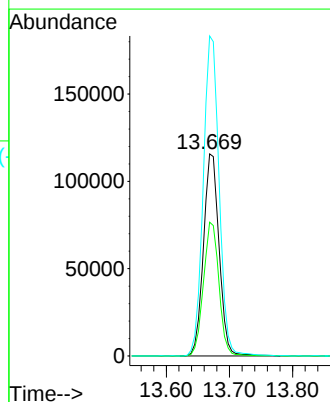
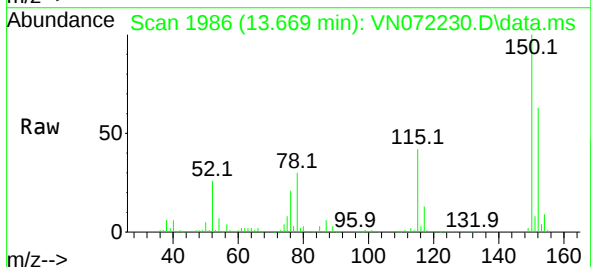
Instrument :
MSVOA_N
ClientSampleId :
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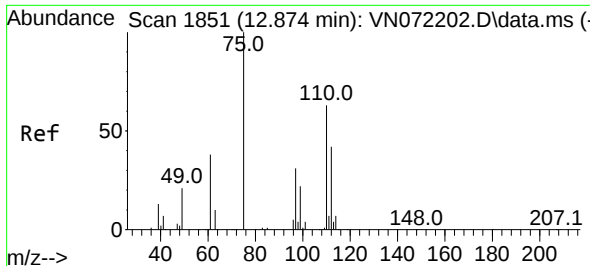
Tgt Ion:117 Resp: 545005
Ion Ratio Lower Upper
117 100
82 61.4 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion:152 Resp: 198907
Ion Ratio Lower Upper
152 100
115 65.5 28.9 86.7
150 160.6 0.0 356.2

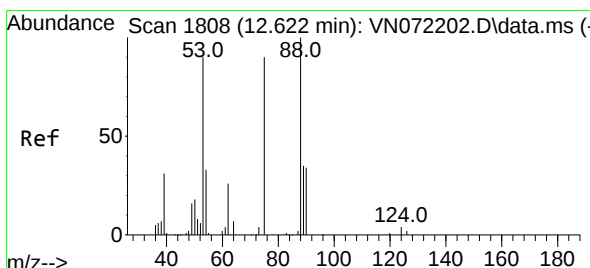
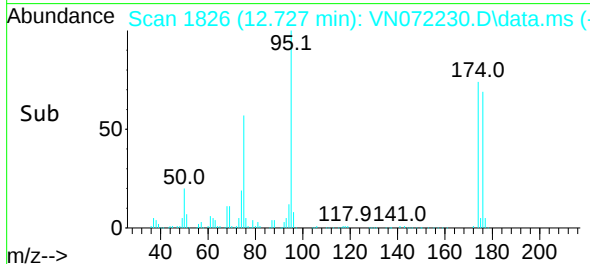
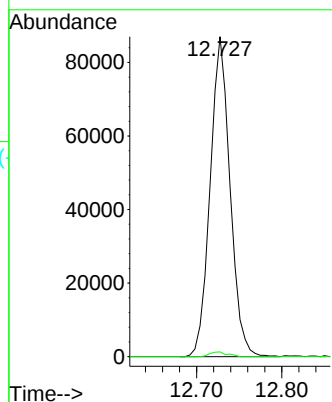
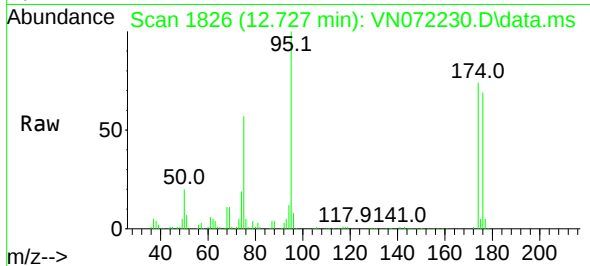




#76
1,2,3-Trichloropropane
Concen: 31.550 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

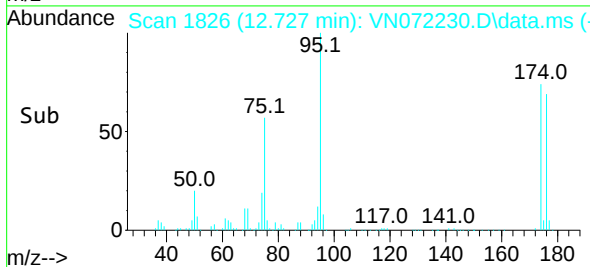
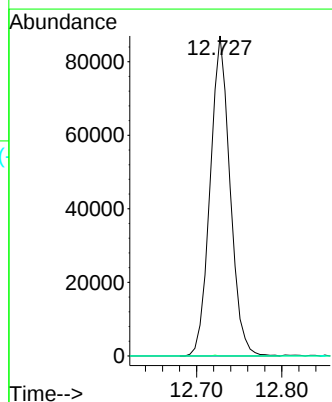
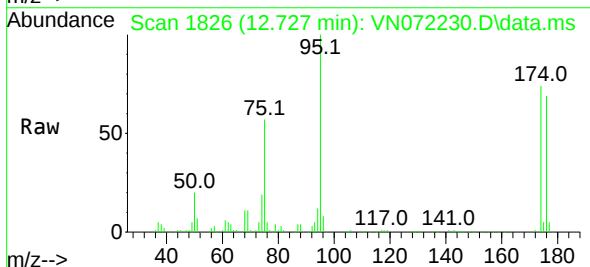
Instrument :
MSVOA_N
ClientSampleId :
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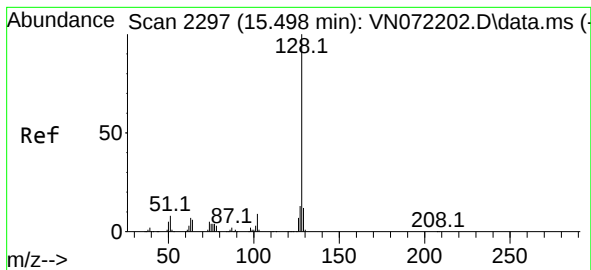
Tgt Ion: 75 Resp: 141035
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.985 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072230.D
Acq: 27 Apr 2022 20:54

Tgt Ion: 75 Resp: 141035
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 4.315 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072230.D

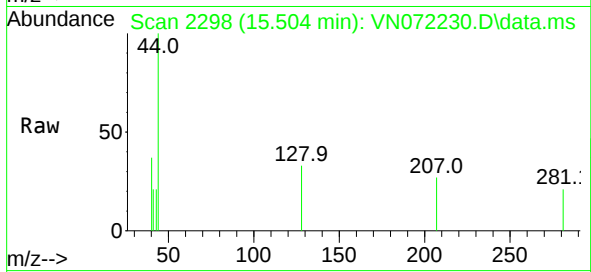
Acq: 27 Apr 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

31798



Tgt Ion:128 Resp: 178

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

