

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072219.D
 Acq On : 27 Apr 2022 16:29
 Operator : JC\MD
 Sample : N2575-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31795

Quant Time: Apr 28 06:04:48 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)

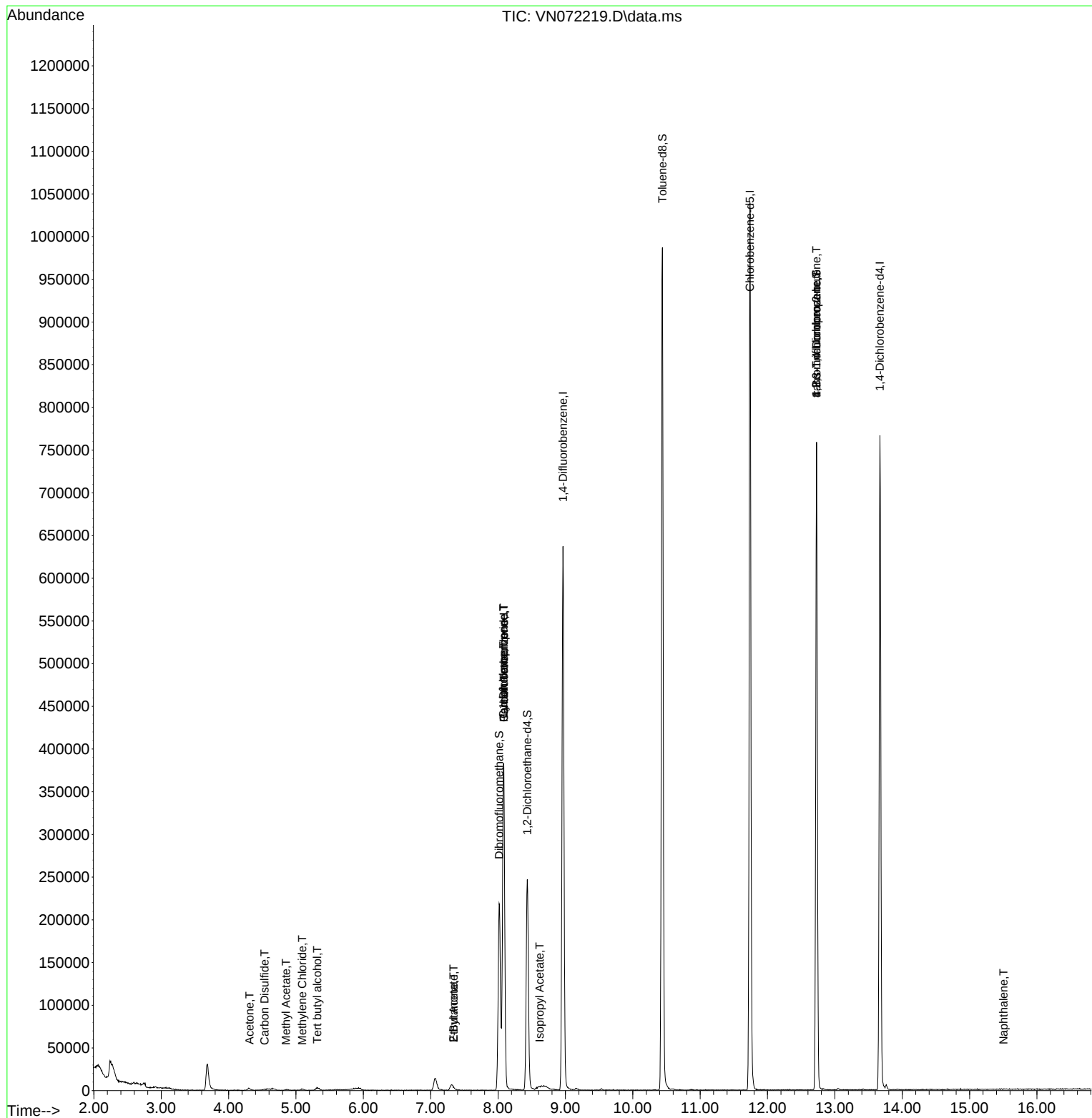
Internal Standards						
1) Pentafluorobenzene	8.087	168	278044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	529410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	569515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	202696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	213211	49.949	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	99.900%	
35) Dibromofluoromethane	8.016	113	160279	47.301	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	94.600%	
50) Toluene-d8	10.439	98	681334	51.171	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	102.340%	
62) 4-Bromofluorobenzene	12.727	95	260421	58.926	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	117.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1134	Below Cal	#	43
5) Bromomethane	2.869	94	144	Below Cal	#	2
6) Chloroethane	2.905	64	1618	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	3142	4.479	ug/l #	72
16) Acetone	4.310	43	1743	0.947	ug/l #	42
17) Carbon Disulfide	4.534	76	55	0.372	ug/l #	75
18) Methyl Acetate	4.851	43	1961	0.342	ug/l #	70
20) Methylene Chloride	5.093	84	1377	0.390	ug/l #	68
25) 2-Butanone	7.340	43	5379	1.835	ug/l	93
31) Cyclohexane	8.081	56	6451	1.131	ug/l #	10
36) 1,1-Dichloropropene	8.081	75	24235	4.914	ug/l #	49
37) Ethyl Acetate	7.340	43	5379	0.821	ug/l #	67
38) Carbon Tetrachloride	8.087	117	29878	5.656	ug/l #	16
43) Isopropyl Acetate	8.616	43	5676	1.344	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.727	83	62	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	143051	31.405	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	143051	81.602	ug/l #	10
95) Naphthalene	15.504	128	439	4.338	ug/l #	69

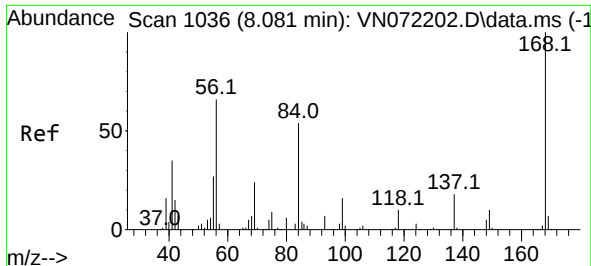
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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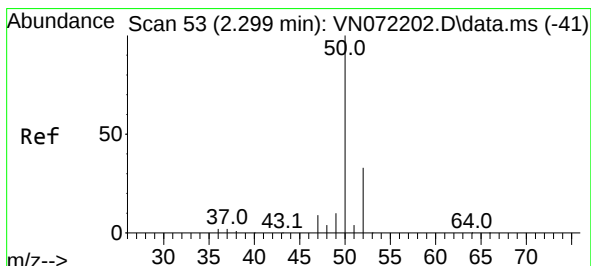
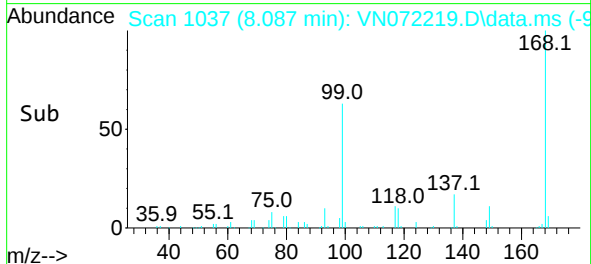
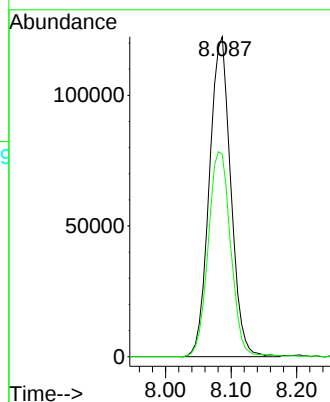
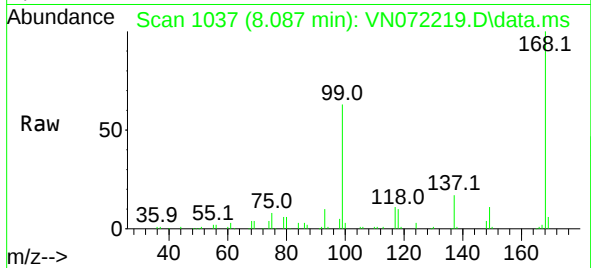




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

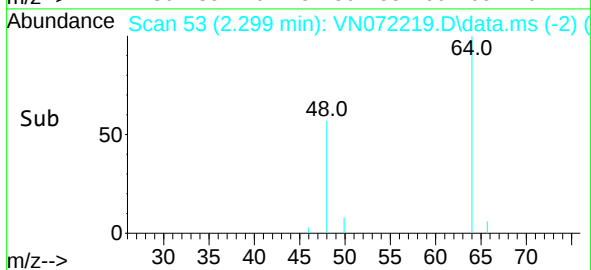
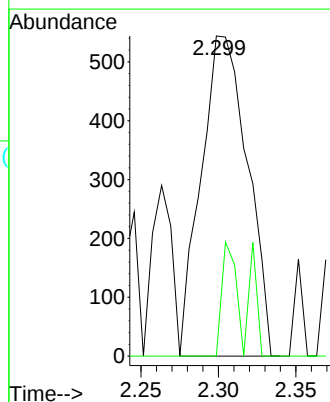
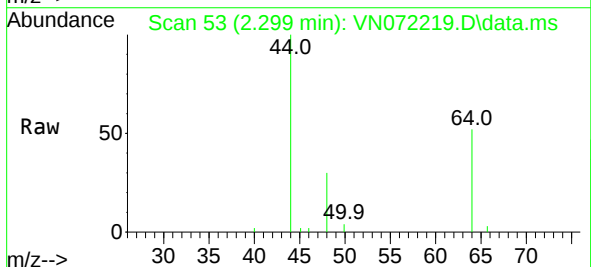
Instrument :
MSVOA_N
ClientSampleId :
31795

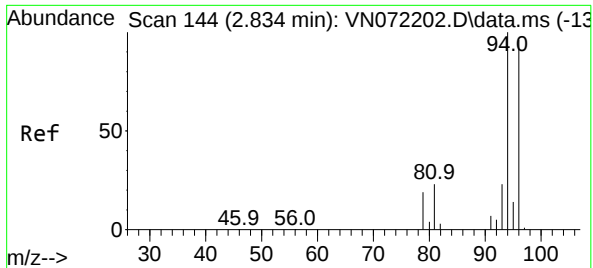
Tgt Ion:168 Resp: 278044
Ion Ratio Lower Upper
168 100
99 63.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Tgt Ion: 50 Resp: 1134
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

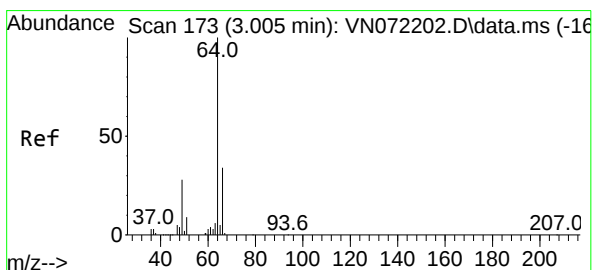
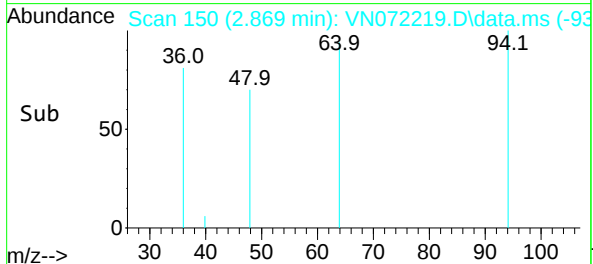
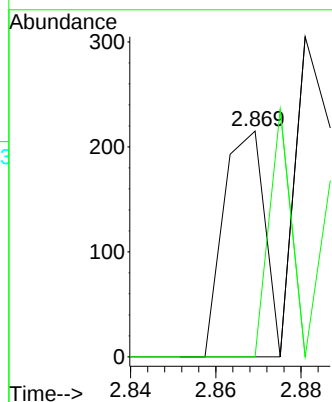
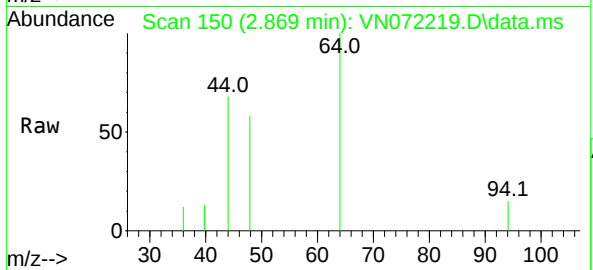




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

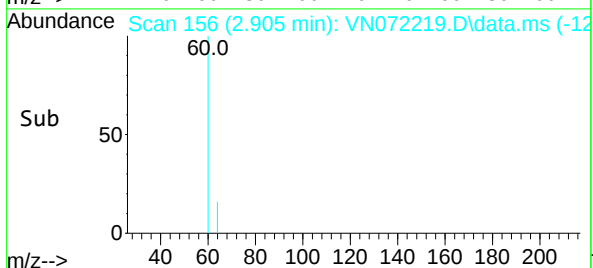
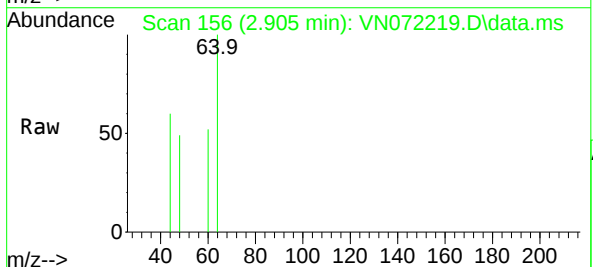
Instrument :
MSVOA_N
ClientSampleId :
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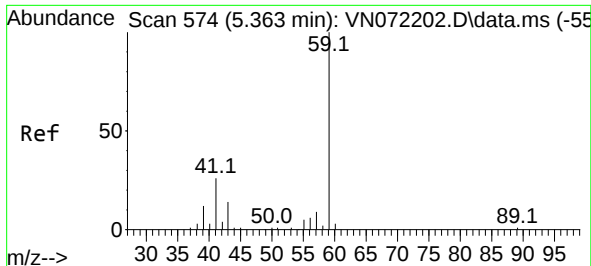
Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.905 min Scan# 156
Delta R.T. -0.100 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Tgt Ion: 64 Resp: 1618
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

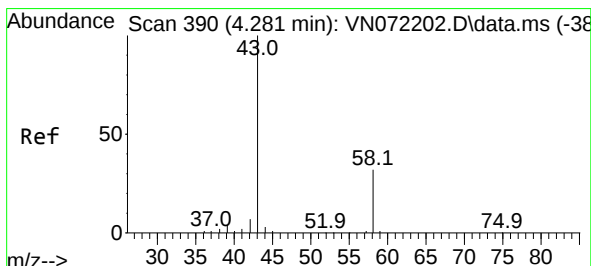
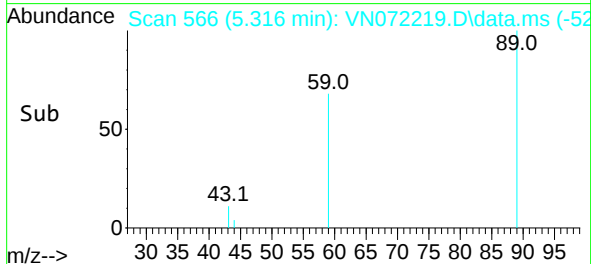
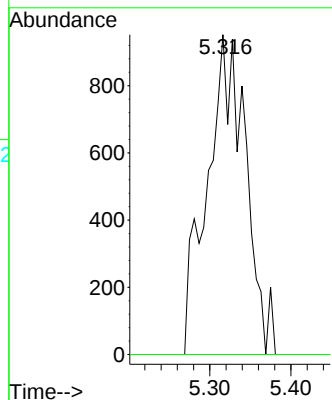
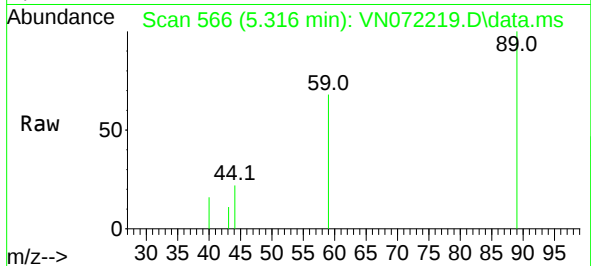




#11
Tert butyl alcohol
Concen: 4.479 ug/l
RT: 5.316 min Scan# 501
Delta R.T. -0.047 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

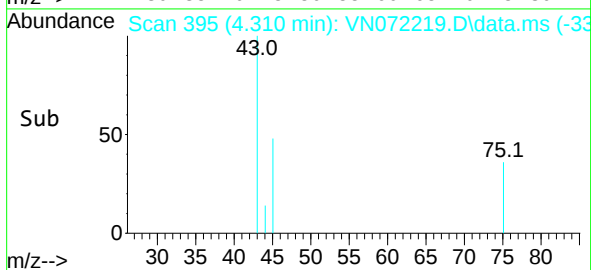
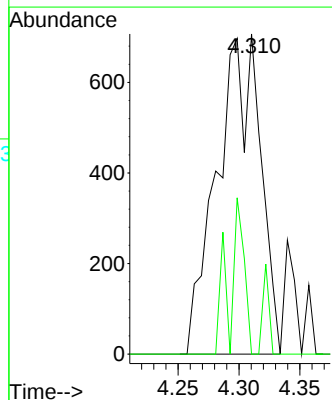
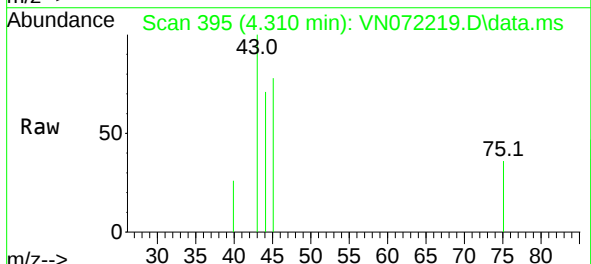
Instrument :
MSVOA_N
ClientSampleId :
31795

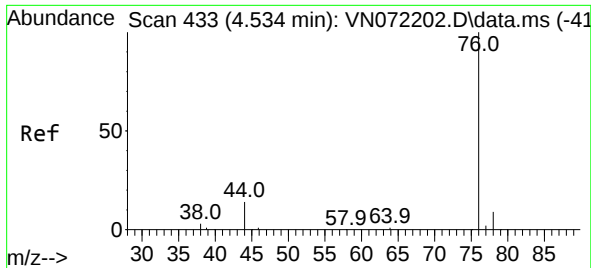
Tgt Ion: 59 Resp: 3142
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.947 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.029 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

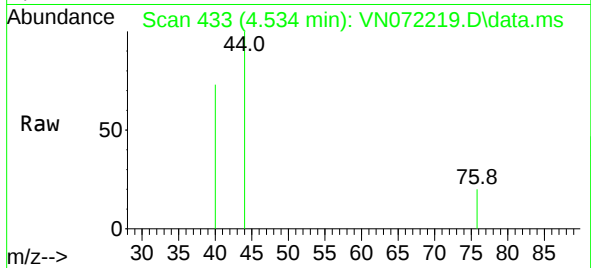
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



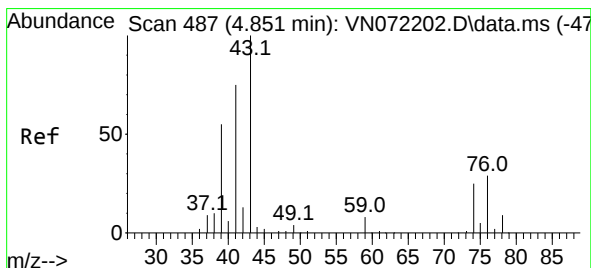
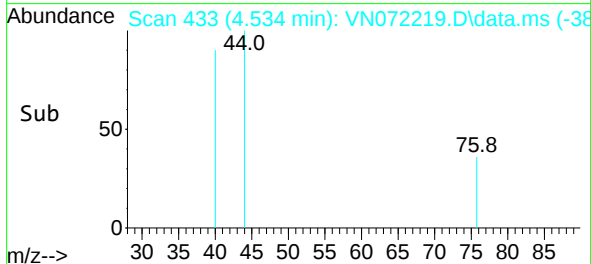
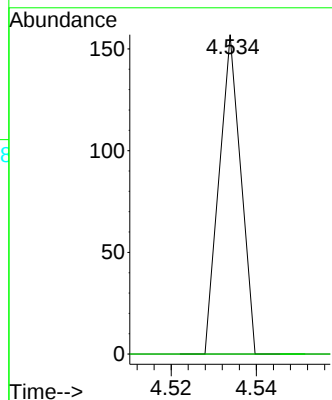


#17
Carbon Disulfide
Concen: 0.372 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
31795

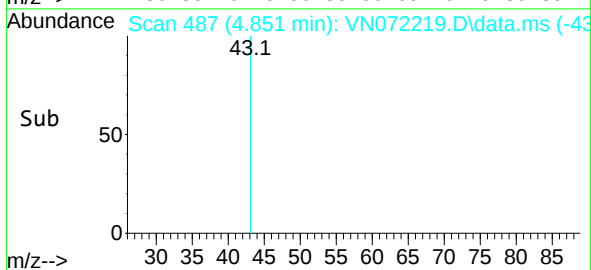
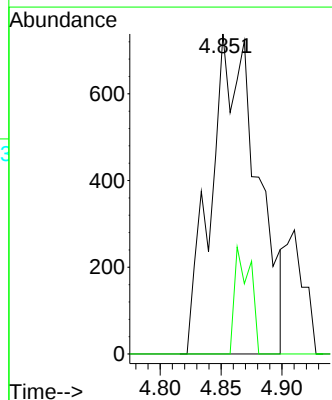
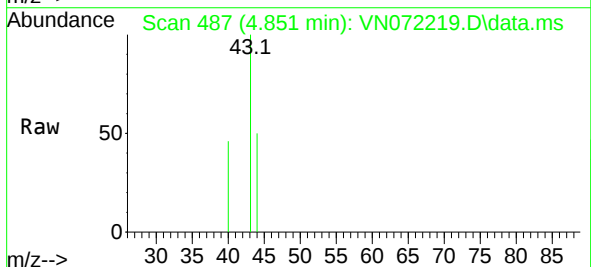


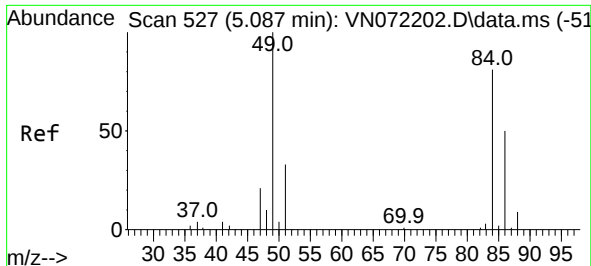
Tgt Ion: 76 Resp: 55
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.342 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

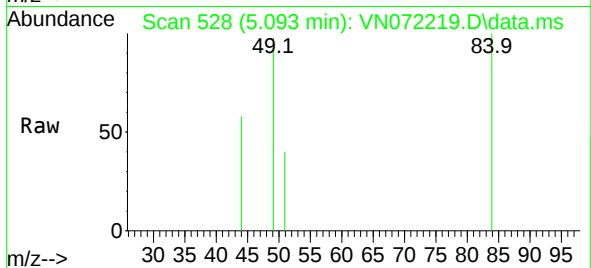
Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
74 11.2 21.6 32.4#





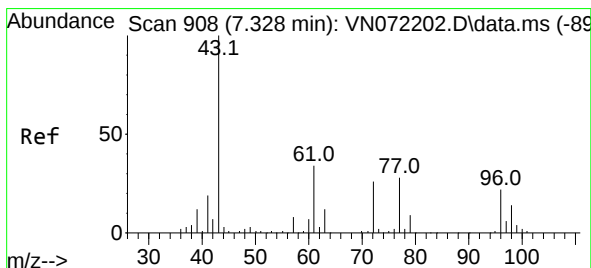
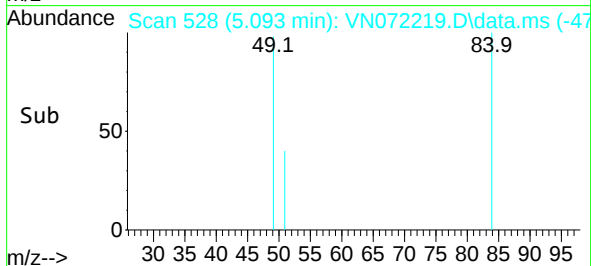
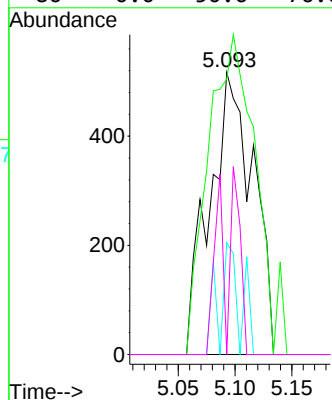
#20
Methylene Chloride
Concen: 0.390 ug/l
RT: 5.093 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 84 Resp: 1377

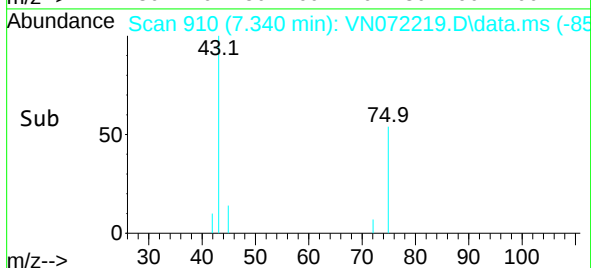
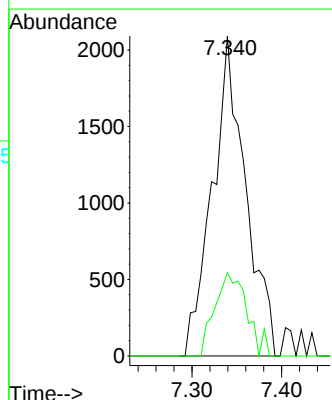
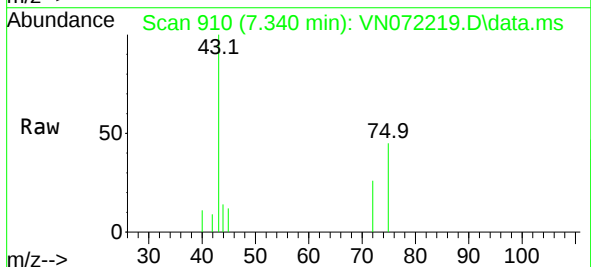
Ion	Ratio	Lower	Upper
84	100		
49	97.7	88.3	132.5
51	39.7	28.2	42.2
86	0.0	50.6	76.0

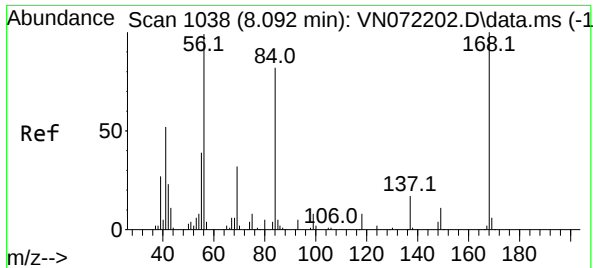


#25
2-Butanone
Concen: 1.835 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Tgt Ion: 43 Resp: 5379

Ion	Ratio	Lower	Upper
43	100		
72	26.0	23.7	35.5

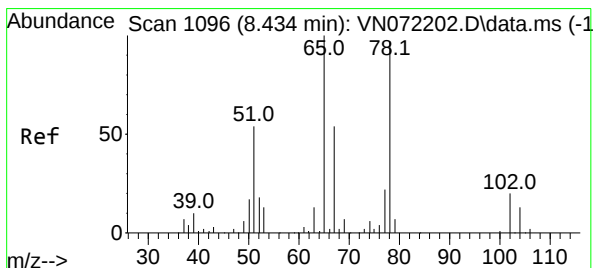
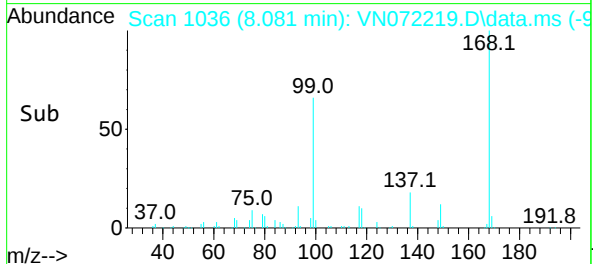
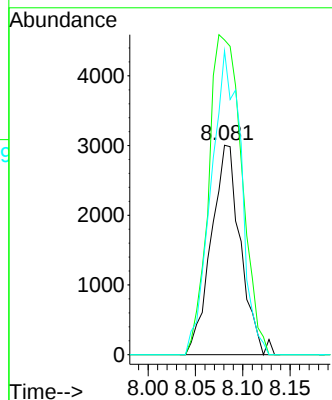
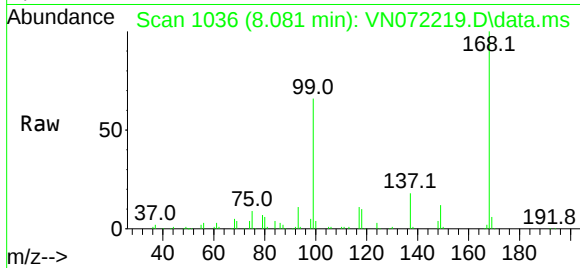




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

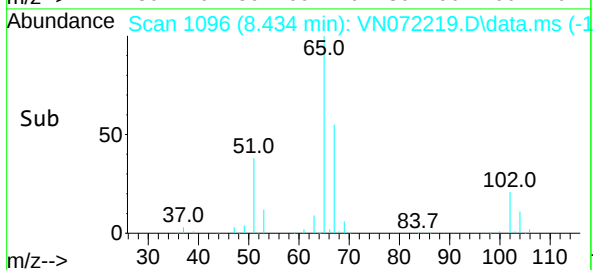
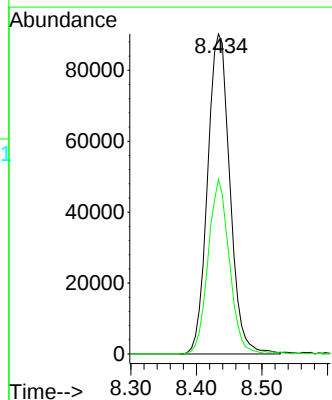
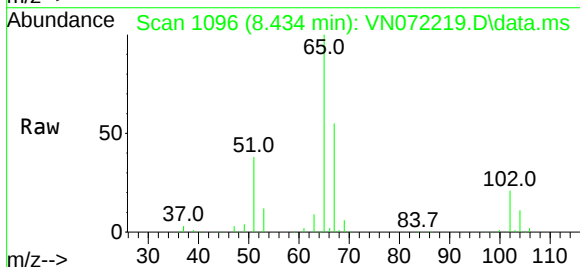
Instrument :
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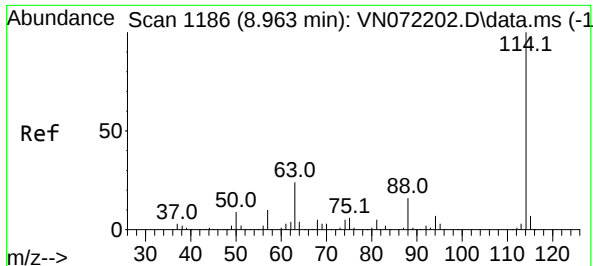
Tgt Ion: 56 Resp: 6451
Ion Ratio Lower Upper
56 100
69 150.3 27.8 41.8#
84 145.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.949 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Tgt Ion: 65 Resp: 213211
Ion Ratio Lower Upper
65 100
67 51.7 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: VN072219.D

Acq: 27 Apr 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

31795

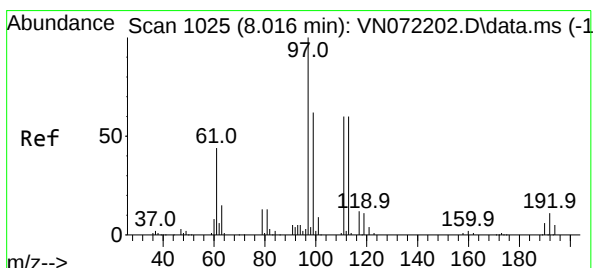
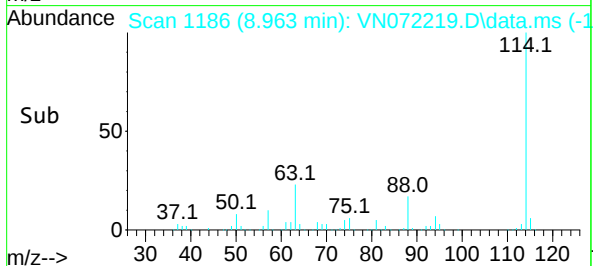
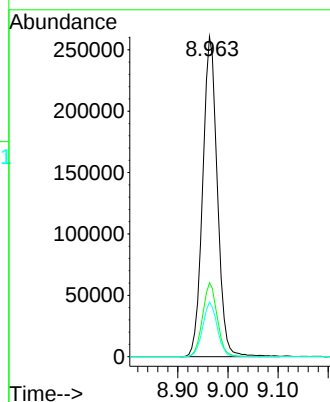
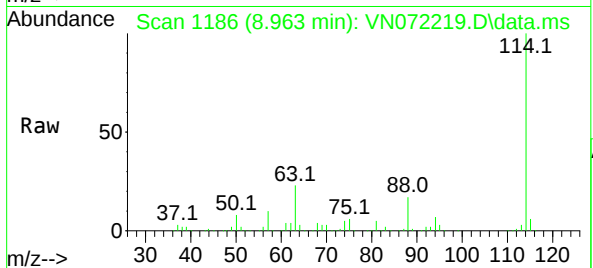
Tgt Ion:114 Resp: 529410

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.301 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072219.D

Acq: 27 Apr 2022 16:29

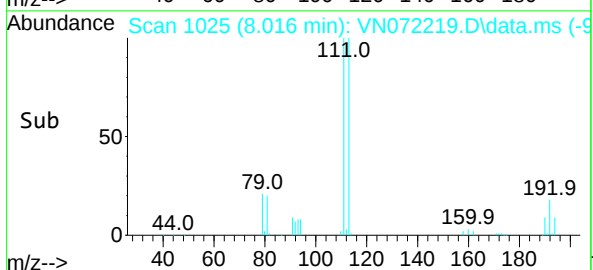
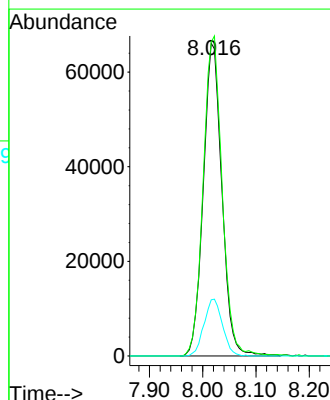
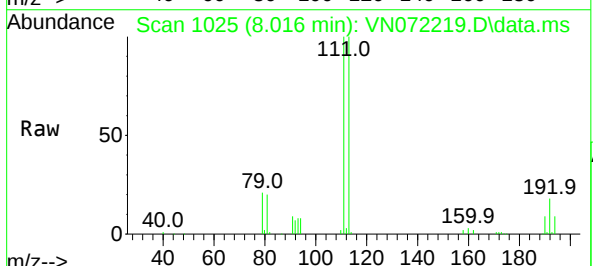
Tgt Ion:113 Resp: 160279

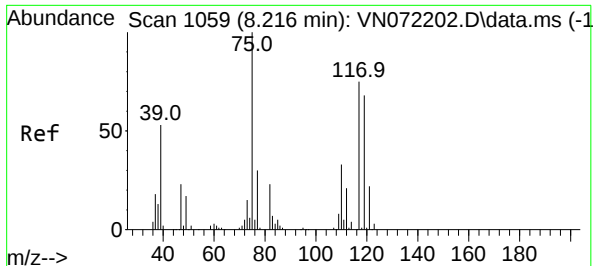
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.914 ug/l

RT: 8.081 min Scan# 1059

Delta R.T. -0.135 min

Lab File: VN072219.D

Acq: 27 Apr 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

31795

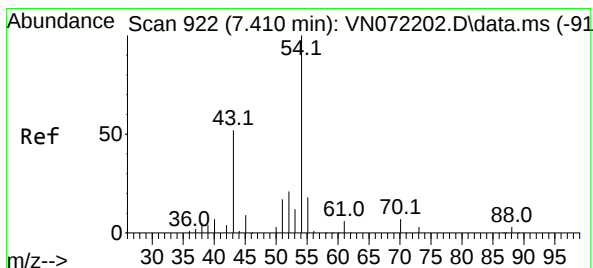
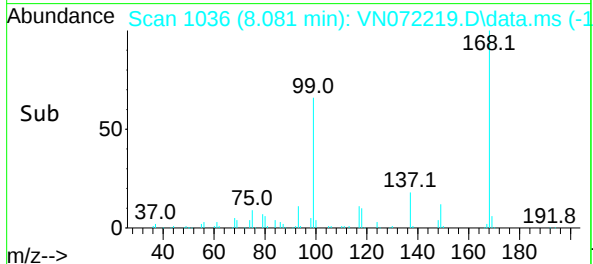
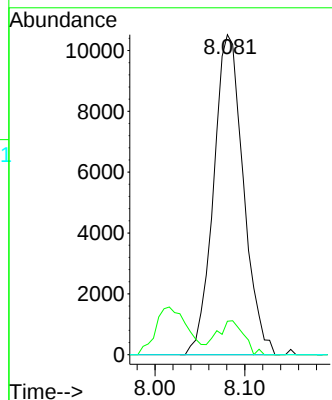
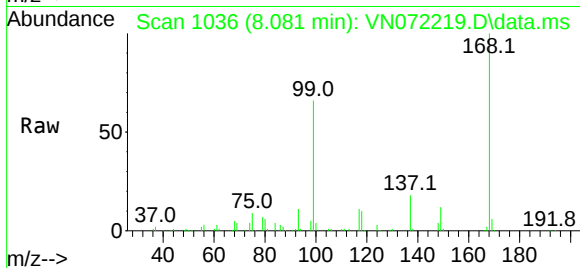
Tgt Ion: 75 Resp: 24235

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.821 ug/l

RT: 7.340 min Scan# 910

Delta R.T. -0.070 min

Lab File: VN072219.D

Acq: 27 Apr 2022 16:29

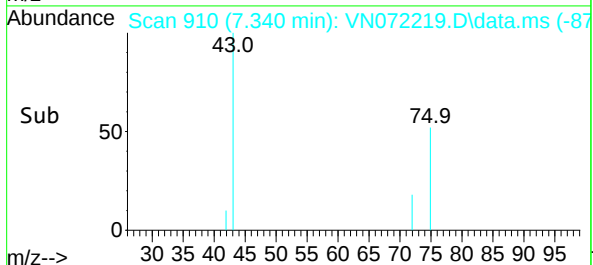
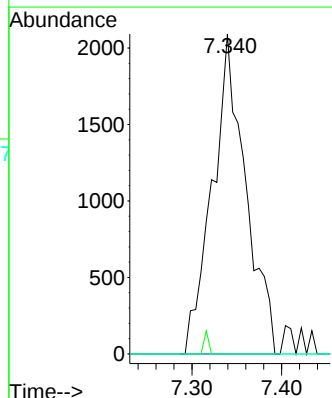
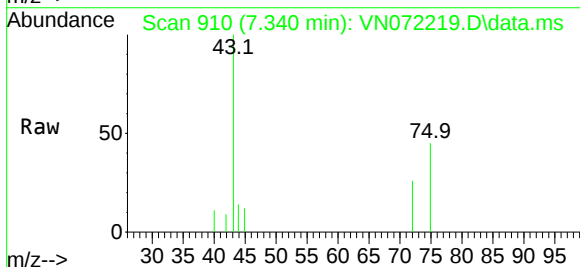
Tgt Ion: 43 Resp: 5379

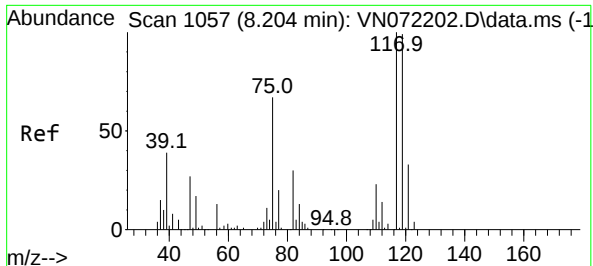
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

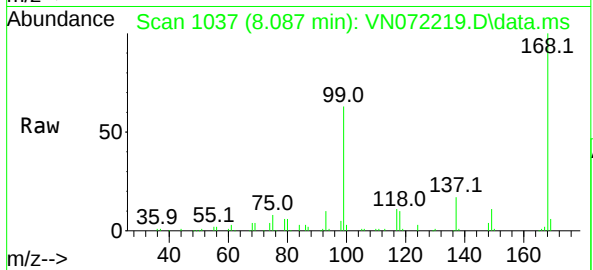
70 0.0 9.3 13.9#



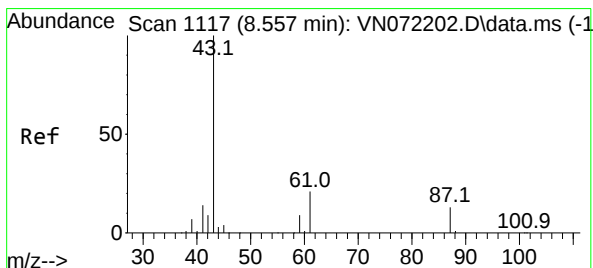
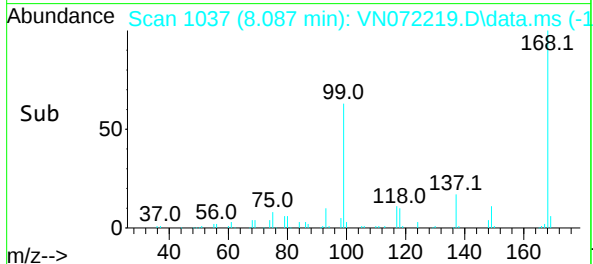
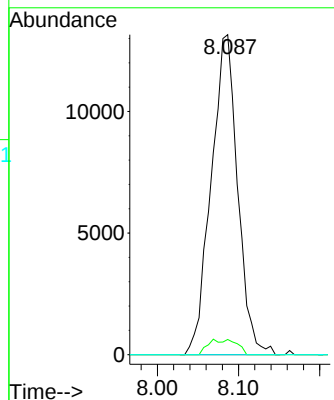


#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 8.087 min Scan# 1107
Delta R.T. -0.117 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
31795

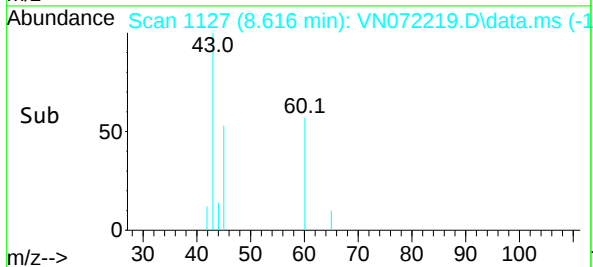
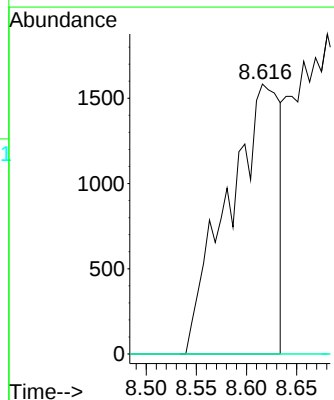
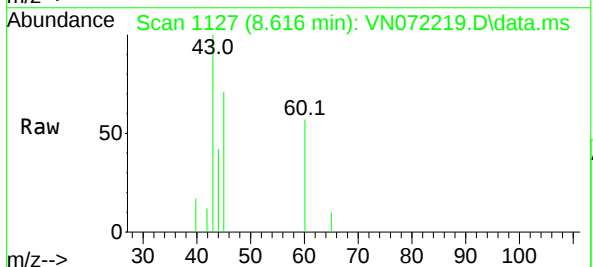


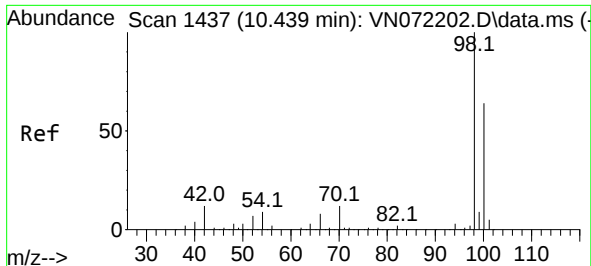
Tgt Ion:117 Resp: 29878
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.344 ug/l
RT: 8.616 min Scan# 1127
Delta R.T. 0.059 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Tgt Ion: 43 Resp: 5676
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

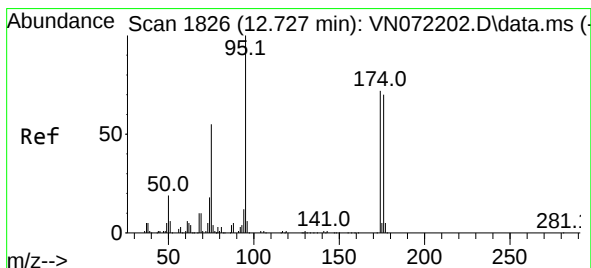
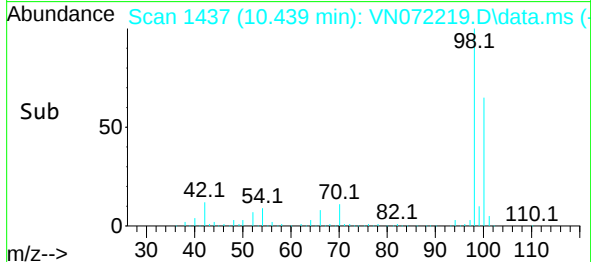
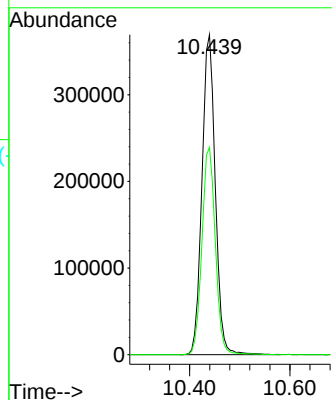
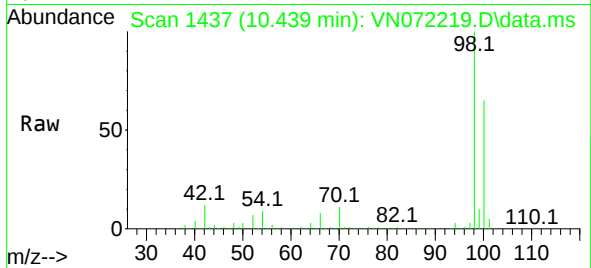




#50
Toluene-d8
Concen: 51.171 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

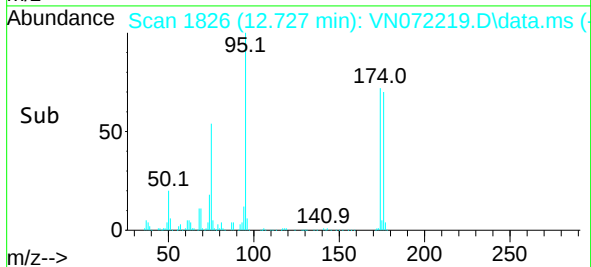
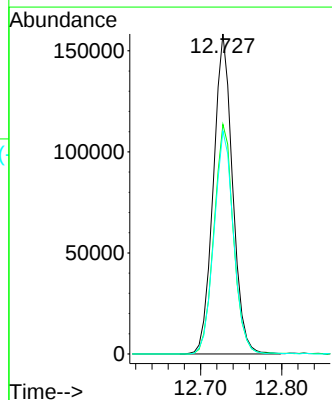
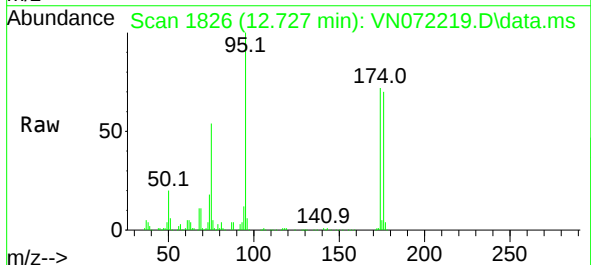
Instrument :
MSVOA_N
ClientSampleId :
31795

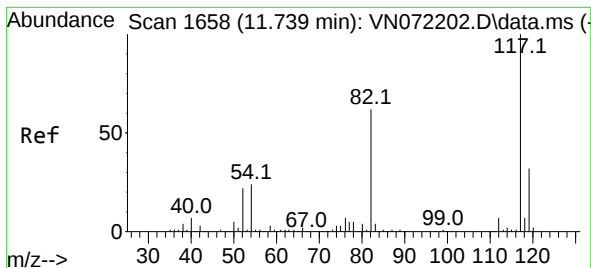
Tgt Ion: 98 Resp: 681334
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.926 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Tgt Ion: 95 Resp: 260421
Ion Ratio Lower Upper
95 100
174 72.5 0.0 167.6
176 70.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072219.D

Acq: 27 Apr 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

31795

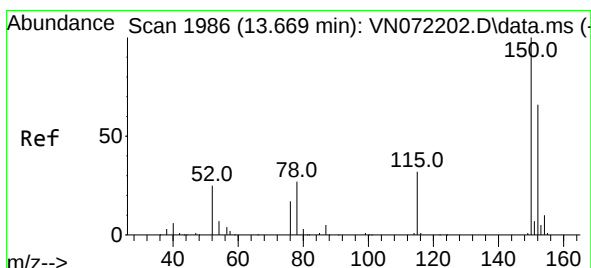
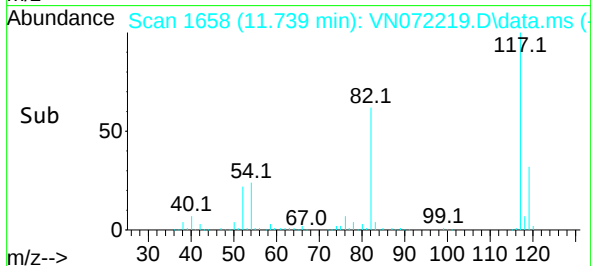
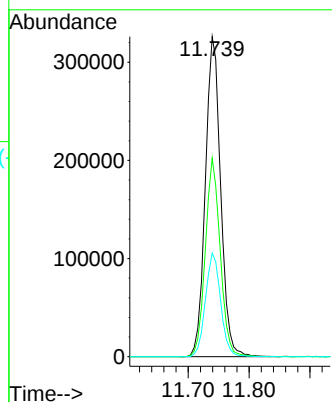
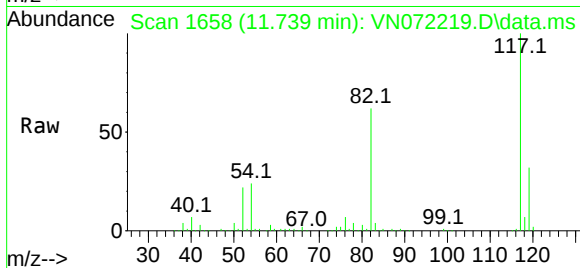
Tgt Ion:117 Resp: 569515

Ion Ratio Lower Upper

117 100

82 62.1 44.2 66.2

119 32.4 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: VN072219.D

Acq: 27 Apr 2022 16:29

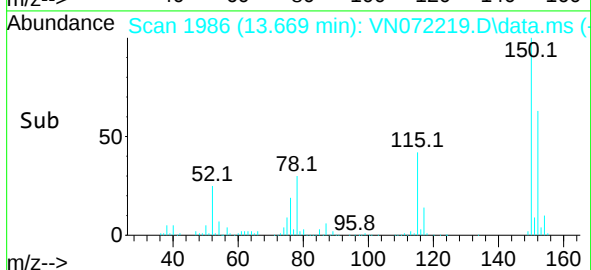
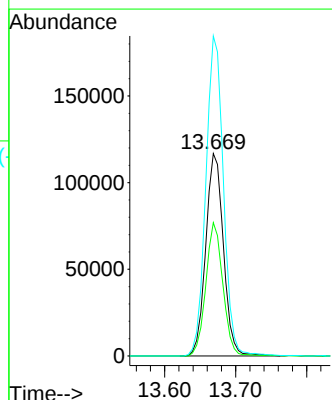
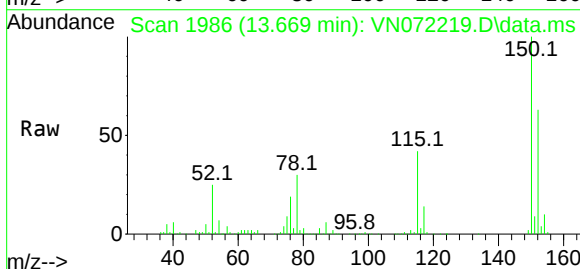
Tgt Ion:152 Resp: 202696

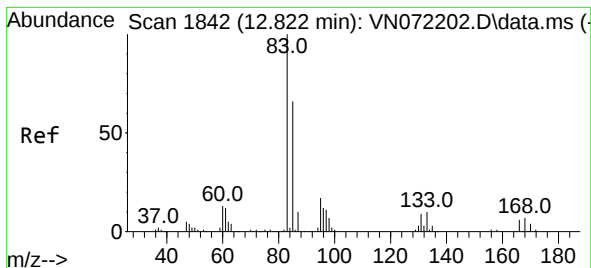
Ion Ratio Lower Upper

152 100

115 63.5 28.9 86.7

150 157.0 0.0 356.2





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.727 min Scan# 1826

Delta R.T. -0.095 min

Lab File: VN072219.D

Acq: 27 Apr 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

31795

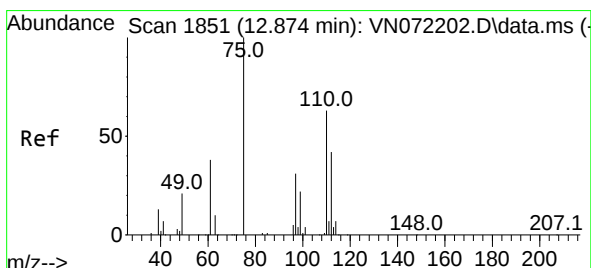
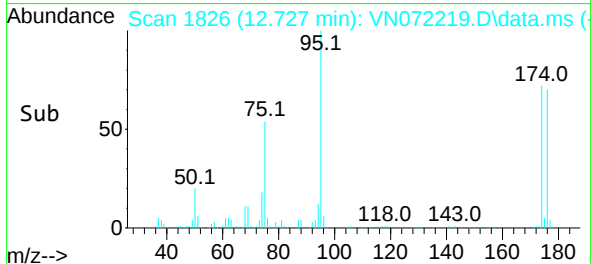
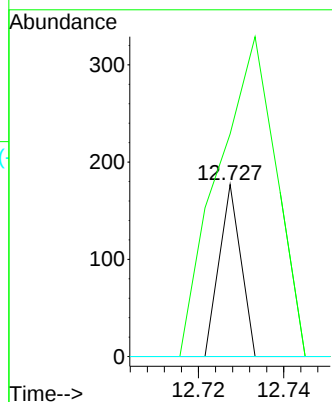
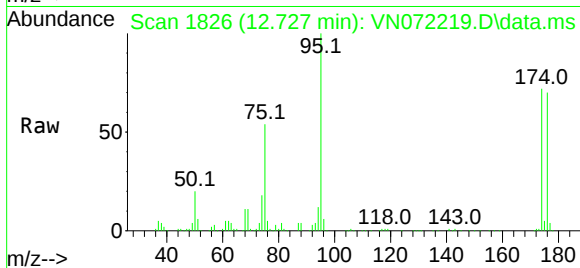
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 501.6 5.3 15.9#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 31.405 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072219.D

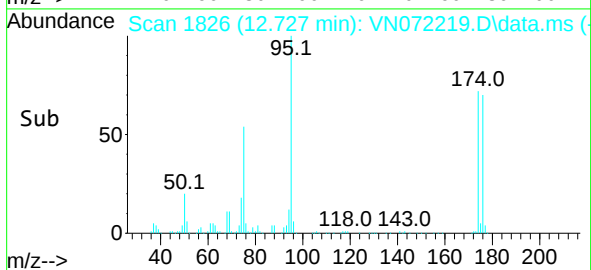
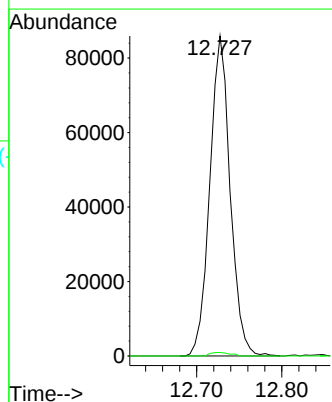
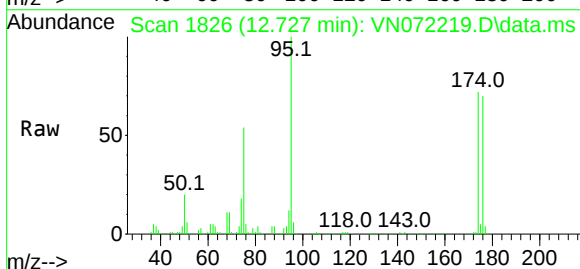
Acq: 27 Apr 2022 16:29

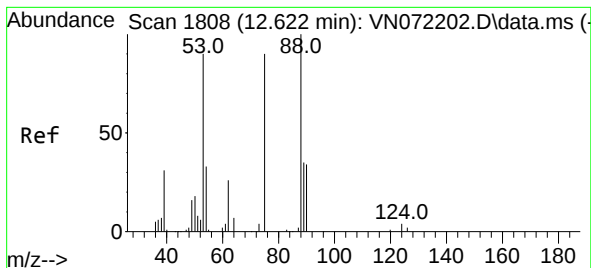
Tgt Ion: 75 Resp: 143051

Ion Ratio Lower Upper

75 100

77 1.1 98.5 295.5#

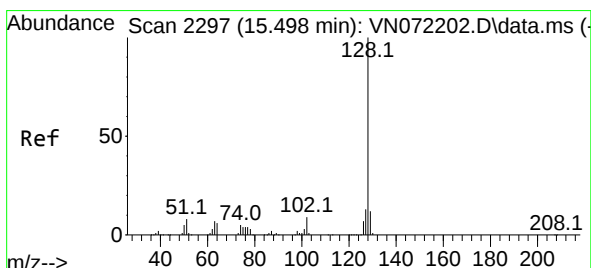
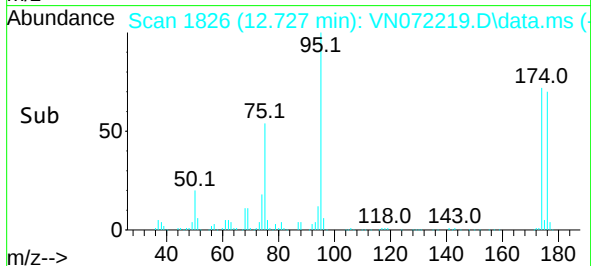
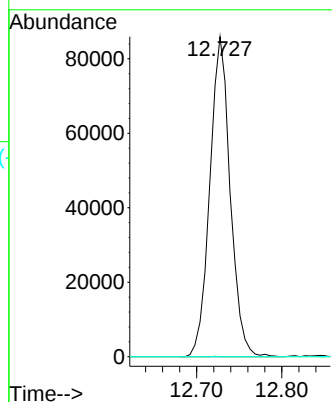
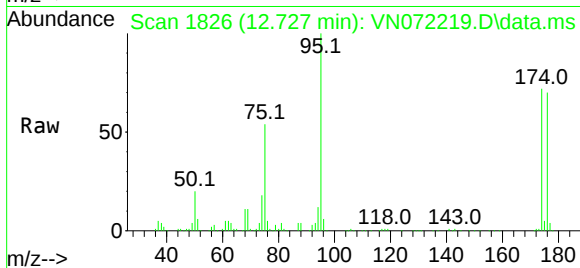




#81
trans-1,4-Dichloro-2-butene
Concen: 81.602 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
31795

Tgt Ion: 75 Resp: 143051
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 4.338 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072219.D
Acq: 27 Apr 2022 16:29

Tgt Ion:128 Resp: 439
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

