

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072220.D
 Acq On : 27 Apr 2022 16:53
 Operator : JC\MD
 Sample : N2575-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31796

Quant Time: Apr 28 06:05:01 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	287937	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	542598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	593548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	212978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	224668	50.824	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.640%
35) Dibromofluoromethane	8.016	113	166053	47.814	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.620%
50) Toluene-d8	10.439	98	704537	51.628	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.727	95	272364	60.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	120.260%

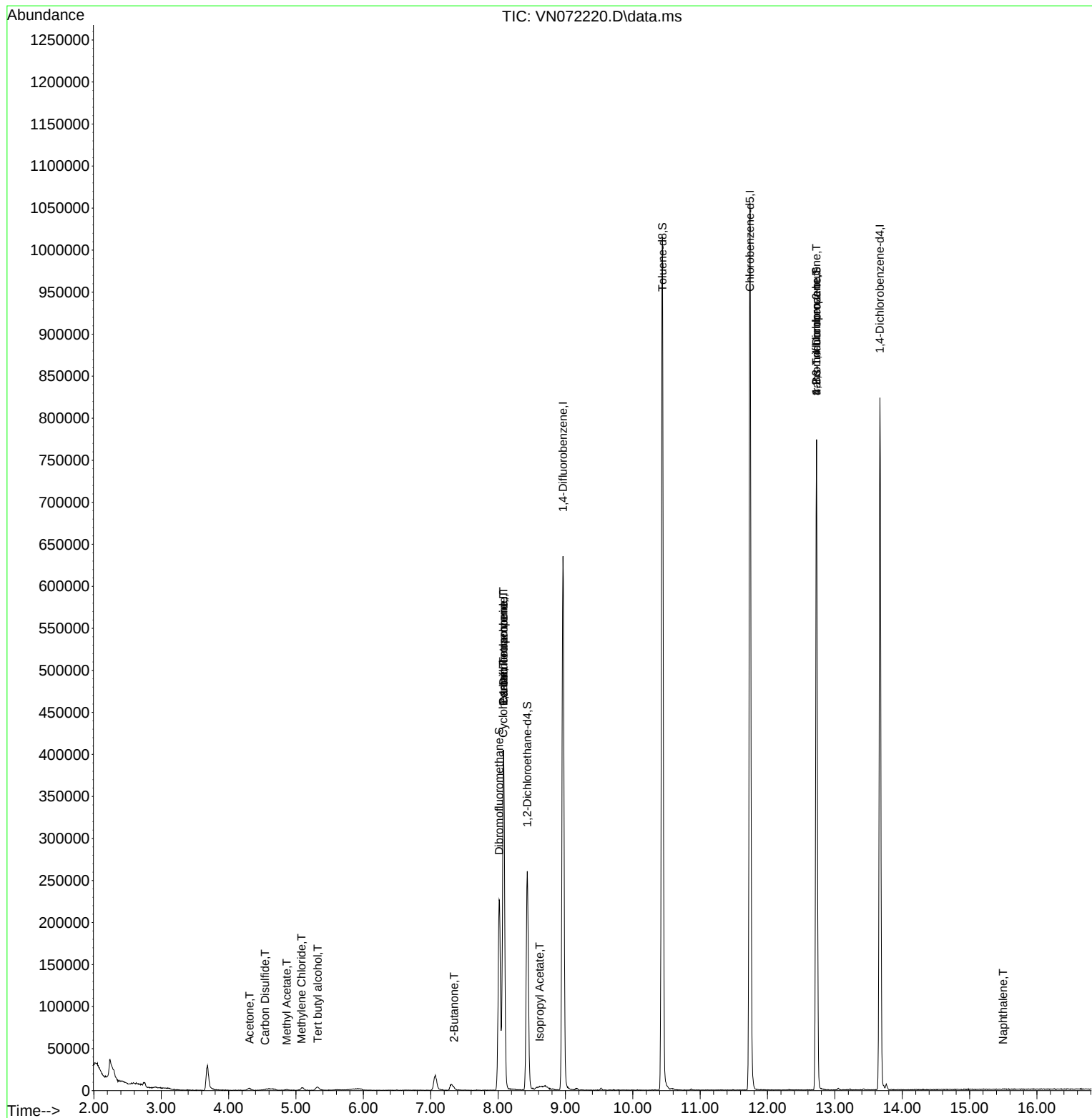
Target Compounds					Qvalue
3) Chloromethane	2.298	50	1243	Below Cal	# 84
5) Bromomethane	2.869	94	373	Below Cal	# 70
6) Chloroethane	2.922	64	564	Below Cal	# 42
11) Tert butyl alcohol	5.322	59	4281	5.893	ug/l # 72
16) Acetone	4.310	43	2438	1.279	ug/l # 42
17) Carbon Disulfide	4.540	76	189	0.392	ug/l # 75
18) Methyl Acetate	4.863	43	1775	0.294	ug/l # 65
20) Methylene Chloride	5.081	84	2819	0.772	ug/l # 74
25) 2-Butanone	7.345	43	5644	1.860	ug/l # 89
31) Cyclohexane	8.075	56	6846	1.159	ug/l # 4
36) 1,1-Dichloropropene	8.080	75	25964	5.136	ug/l # 49
38) Carbon Tetrachloride	8.080	117	32420	5.988	ug/l # 15
43) Isopropyl Acetate	8.616	43	4758	1.245	ug/l # 53
75) 1,1,2,2-Tetrachloroethane	12.721	83	80	Below Cal	# 1
76) 1,2,3-Trichloropropane	12.727	75	149572	31.254	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.727	75	149572	81.203	ug/l # 10
95) Naphthalene	15.498	128	151	4.312	ug/l # 69

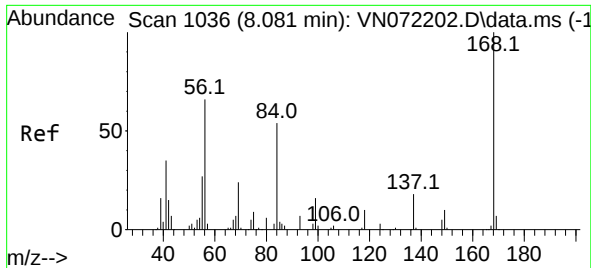
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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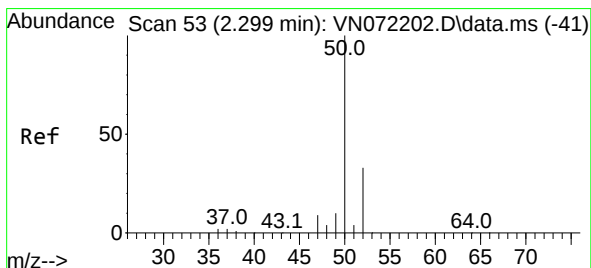
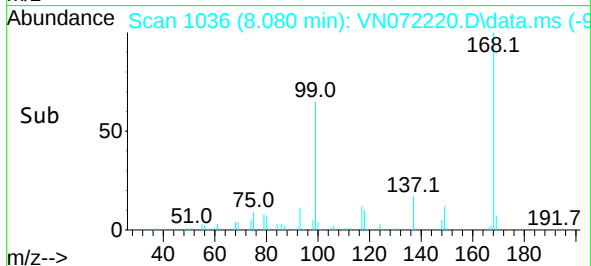
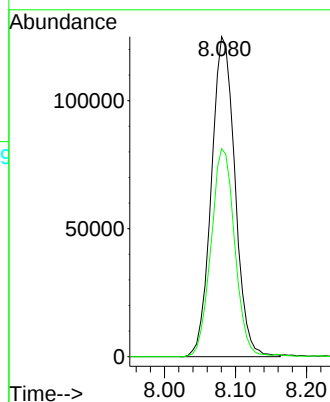
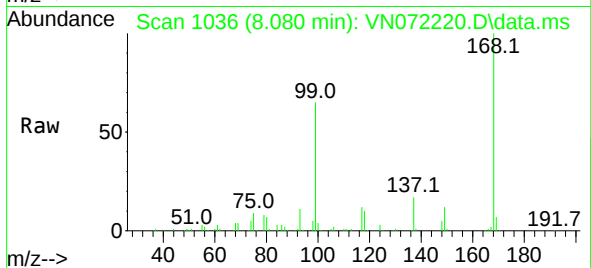




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

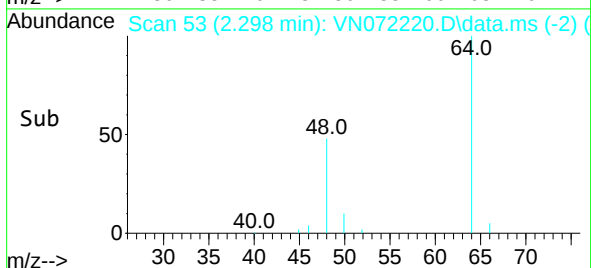
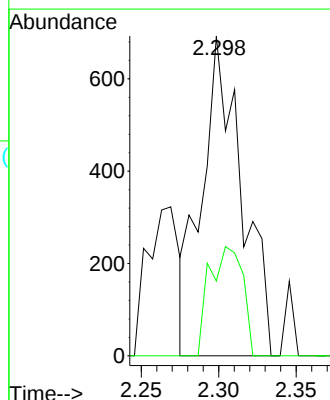
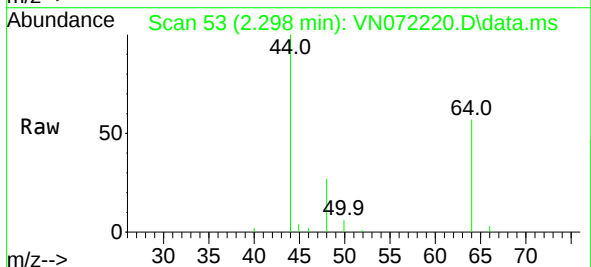
Instrument :
MSVOA_N
ClientSampleId :
31796

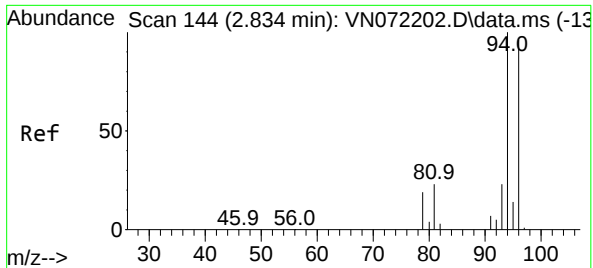
Tgt Ion:168 Resp: 287937
Ion Ratio Lower Upper
168 100
99 65.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.298 min Scan# 53
Delta R.T. -0.001 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Tgt Ion: 50 Resp: 1243
Ion Ratio Lower Upper
50 100
52 23.4 25.7 38.5#

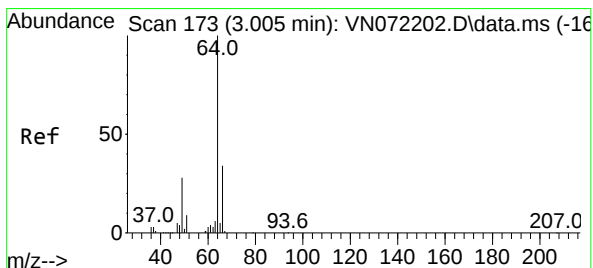
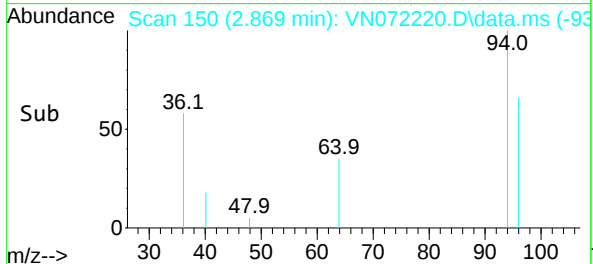
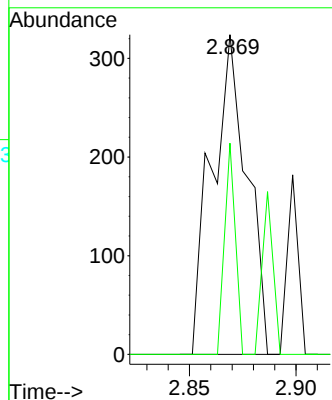
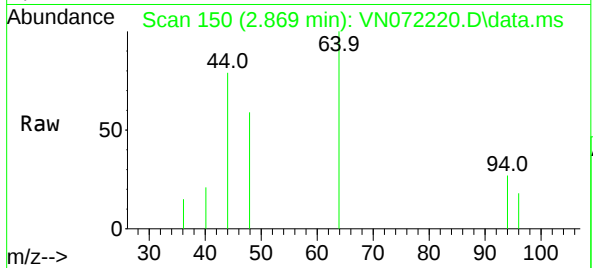




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

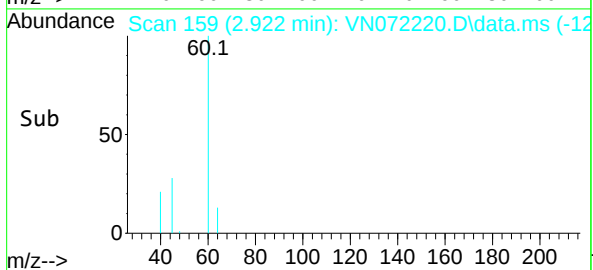
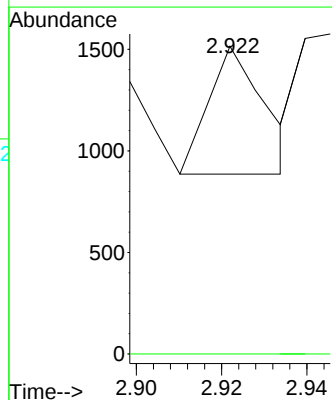
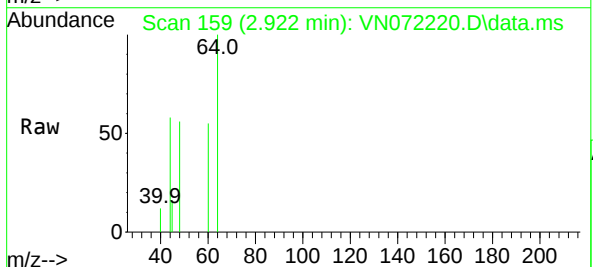
Instrument :
MSVOA_N
ClientSampleId :
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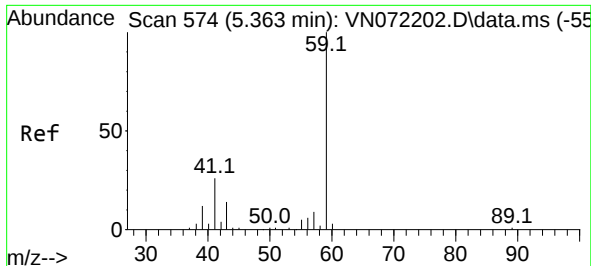
Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 66.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.922 min Scan# 159
Delta R.T. -0.083 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Tgt Ion: 64 Resp: 564
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

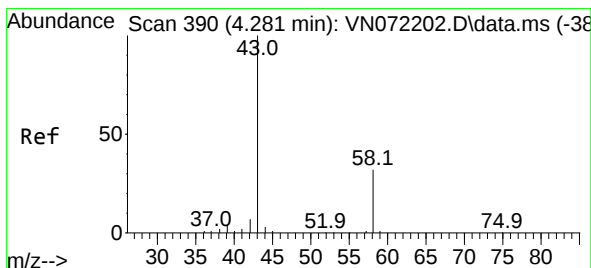
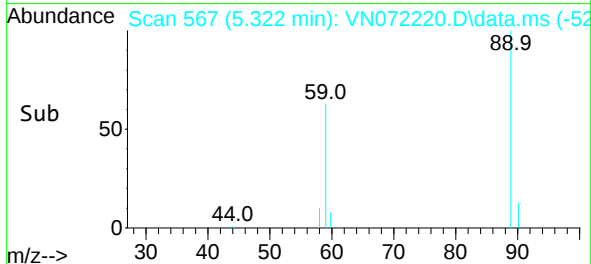
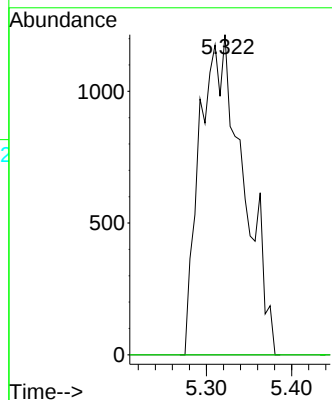
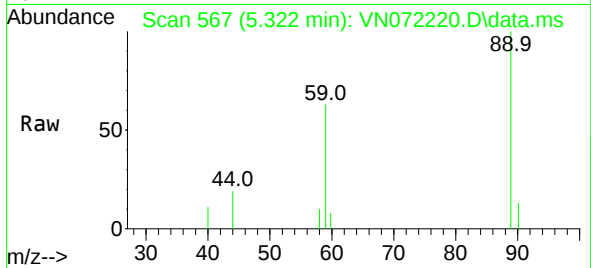




#11
Tert butyl alcohol
Concen: 5.893 ug/l
RT: 5.322 min Scan# 501
Delta R.T. -0.041 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

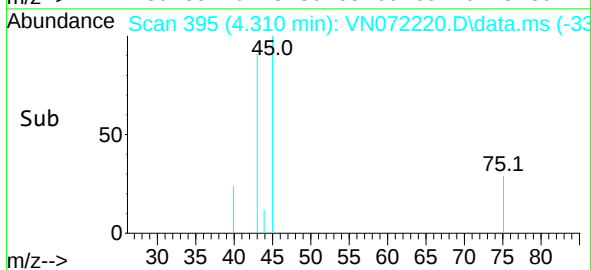
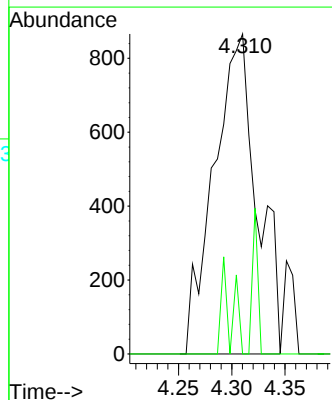
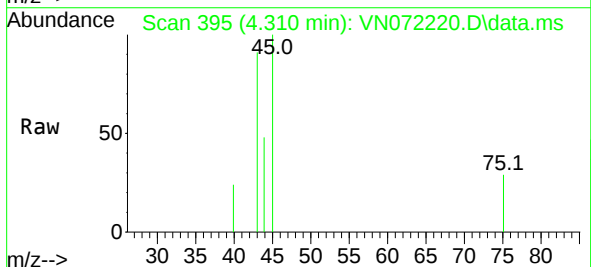
Instrument :
MSVOA_N
ClientSampleId :
31796

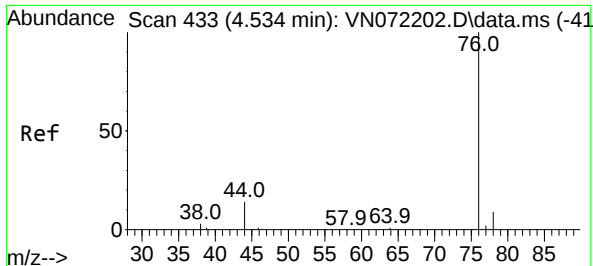
Tgt Ion: 59 Resp: 4281
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.279 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.029 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

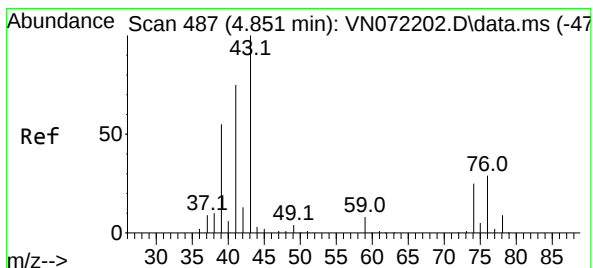
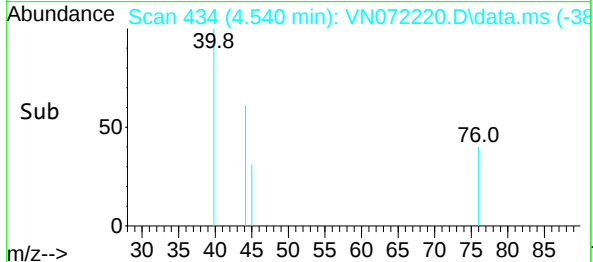
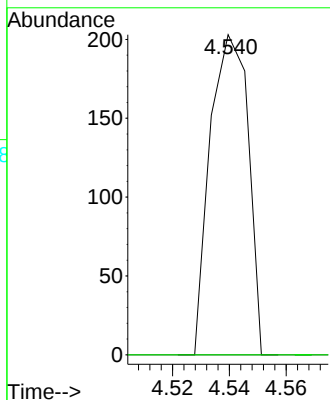
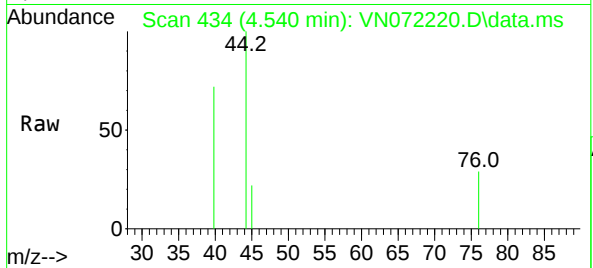




#17
Carbon Disulfide
Concen: 0.392 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

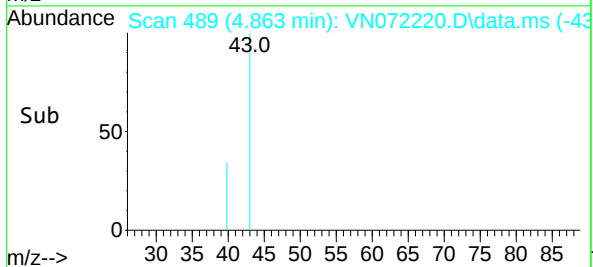
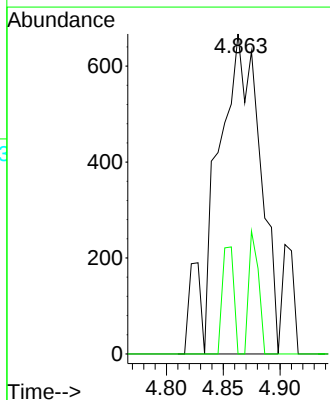
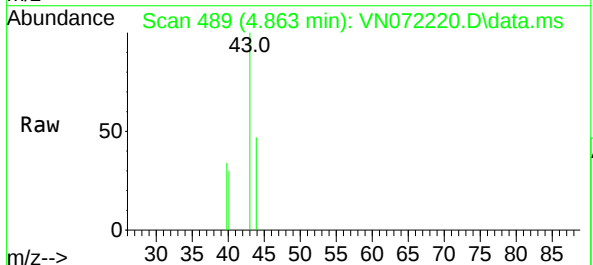
Instrument :
MSVOA_N
ClientSampleId :
31796

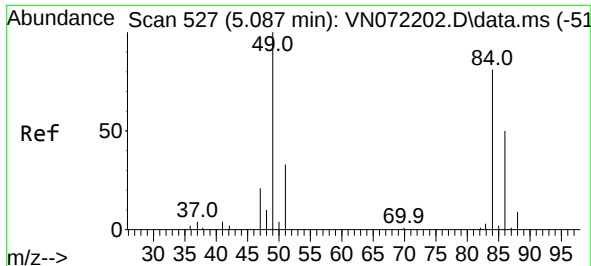
Tgt Ion: 76 Resp: 189
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.294 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

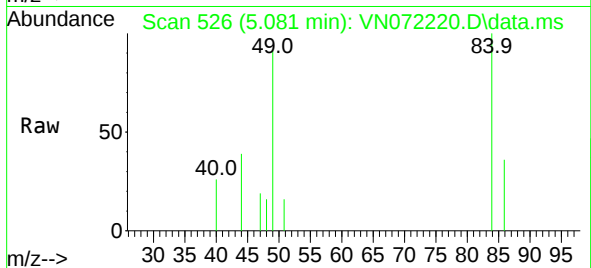
Tgt Ion: 43 Resp: 1775
Ion Ratio Lower Upper
43 100
74 8.8 21.6 32.4#



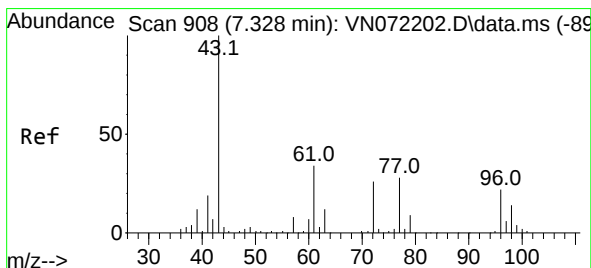
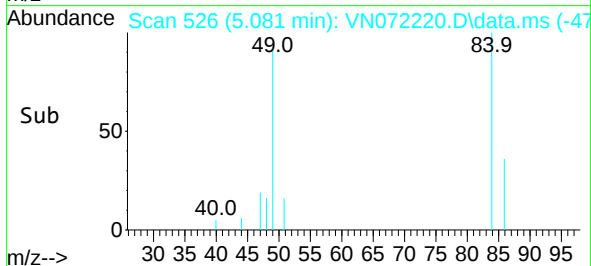
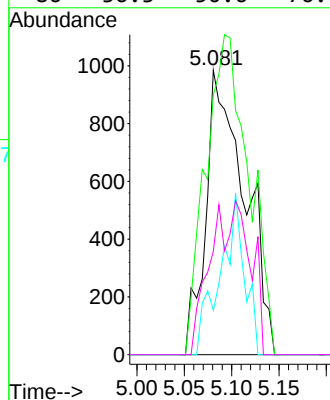


#20
Methylene Chloride
Concen: 0.772 ug/l
RT: 5.081 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
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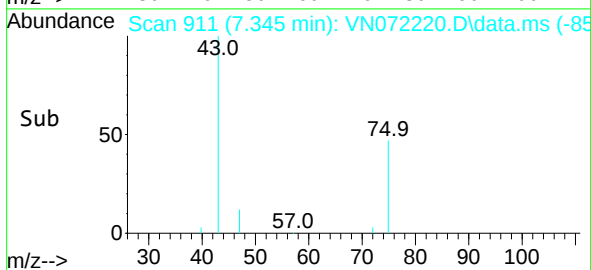
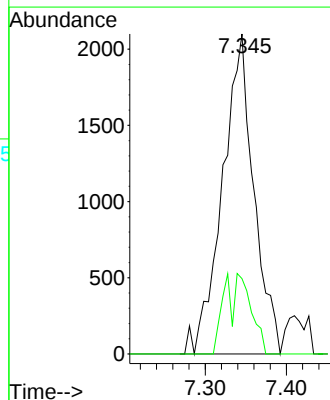
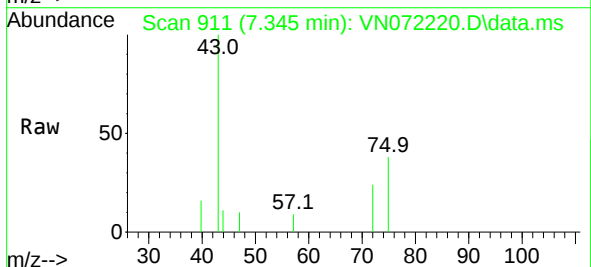


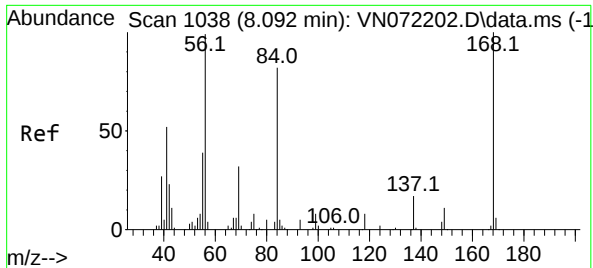
Tgt Ion:	84	Resp:	2819
Ion	Ratio	Lower	Upper
84	100		
49	91.4	88.3	132.5
51	15.6	28.2	42.2#
86	36.3	50.6	76.0#



#25
2-Butanone
Concen: 1.860 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Tgt Ion:	43	Resp:	5644
Ion	Ratio	Lower	Upper
43	100		
72	23.6	23.7	35.5#

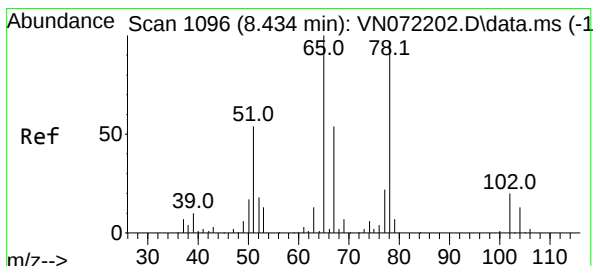
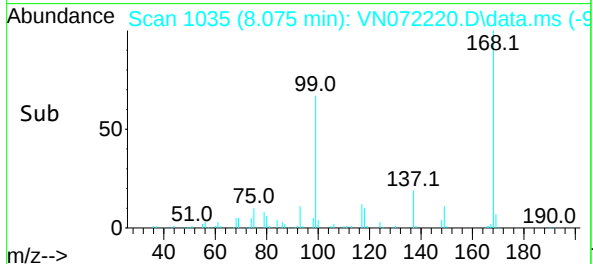
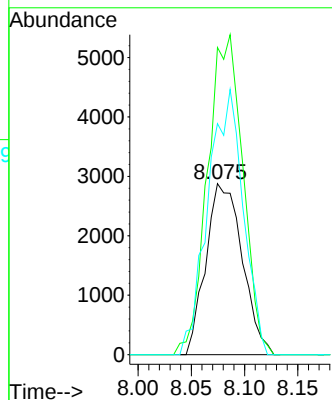
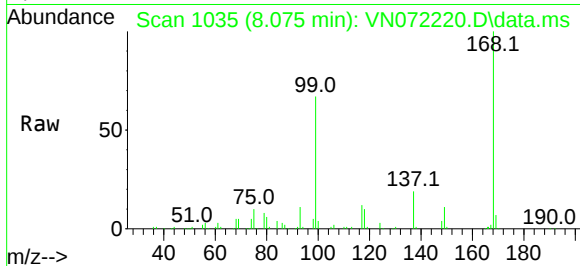




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

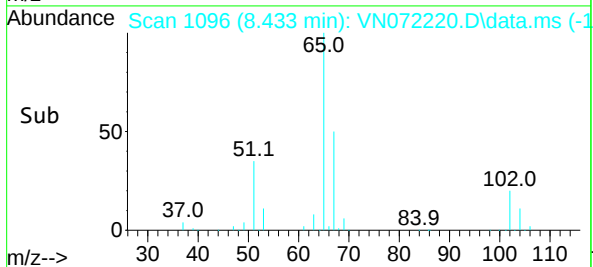
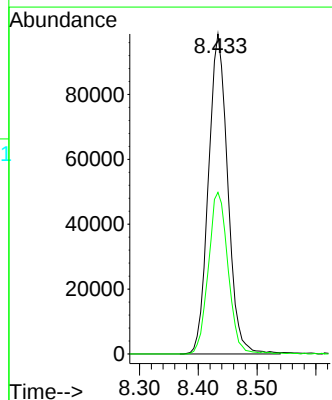
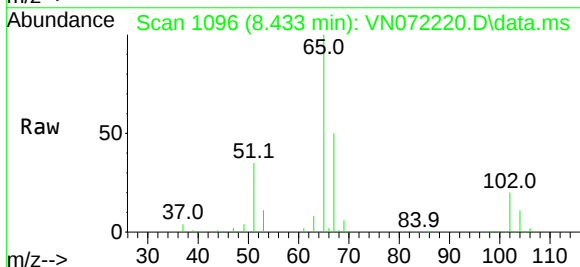
Instrument :
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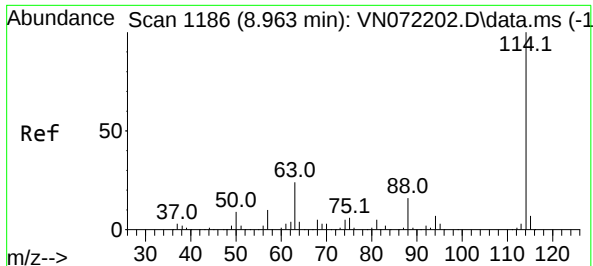
Tgt Ion: 56 Resp: 6846
Ion Ratio Lower Upper
56 100
69 179.6 27.8 41.8#
84 135.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.824 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Tgt Ion: 65 Resp: 224668
Ion Ratio Lower Upper
65 100
67 51.1 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: VN072220.D

Acq: 27 Apr 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

31796

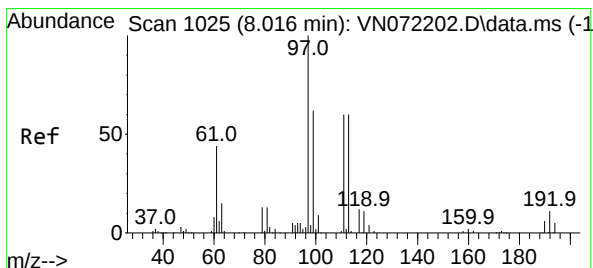
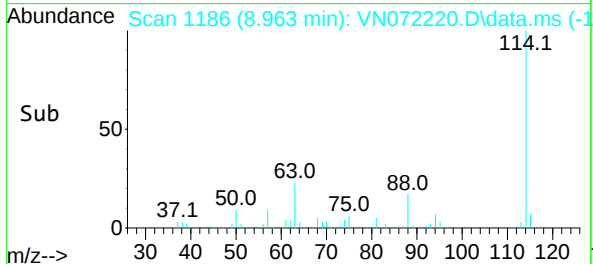
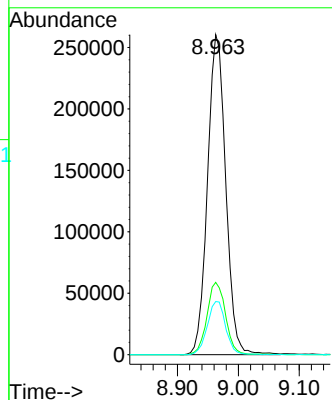
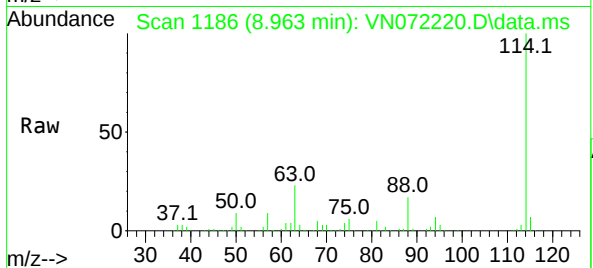
Tgt Ion:114 Resp: 542598

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.814 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072220.D

Acq: 27 Apr 2022 16:53

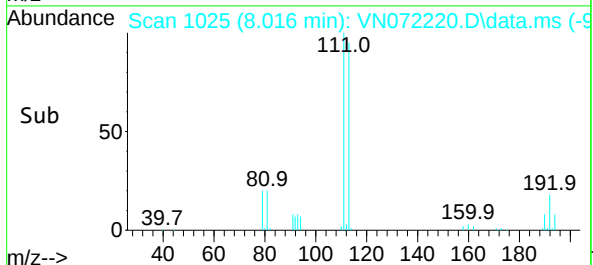
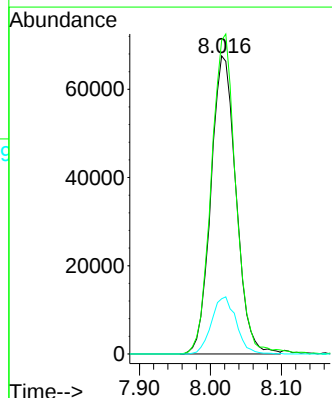
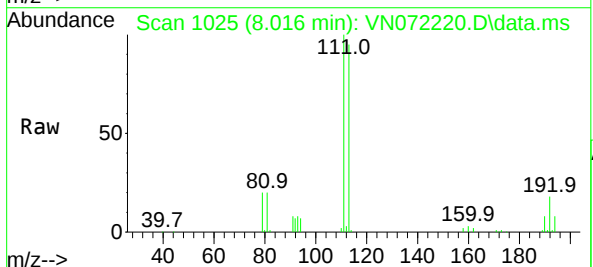
Tgt Ion:113 Resp: 166053

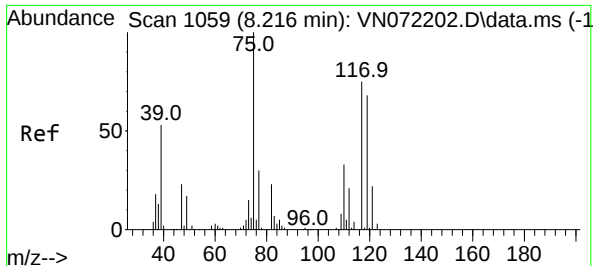
Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 18.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN072220.D

Acq: 27 Apr 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

31796

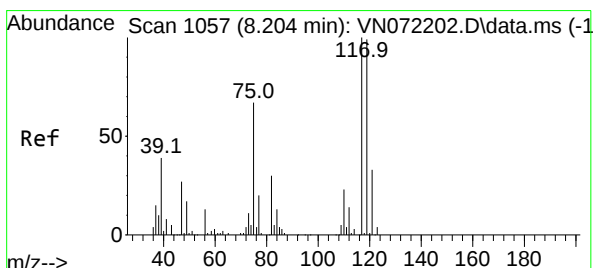
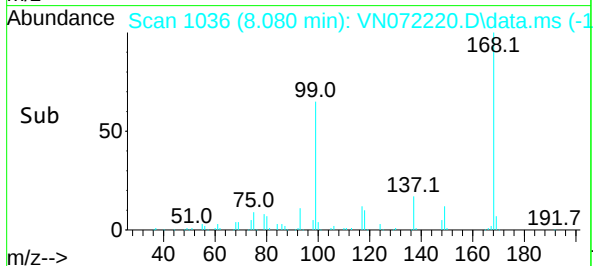
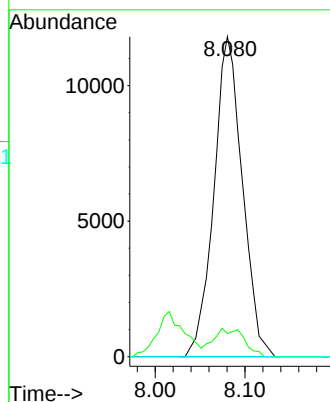
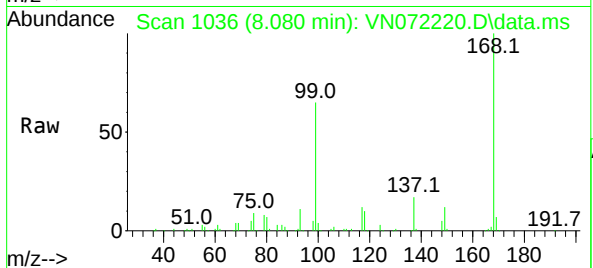
Tgt Ion: 75 Resp: 25964

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.124 min

Lab File: VN072220.D

Acq: 27 Apr 2022 16:53

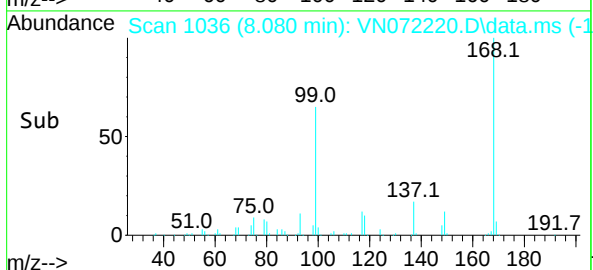
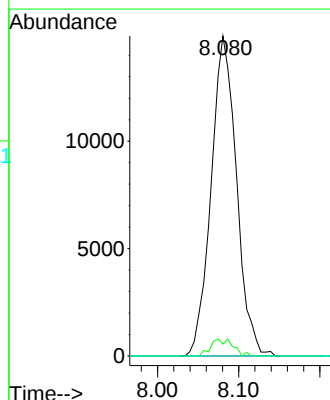
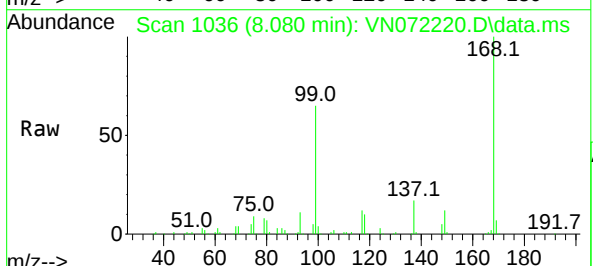
Tgt Ion: 117 Resp: 32420

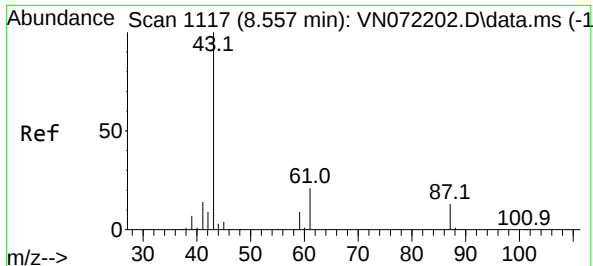
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 1.245 ug/l

RT: 8.616 min Scan# 1117

Delta R.T. 0.059 min

Lab File: VN072220.D

Acq: 27 Apr 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

31796

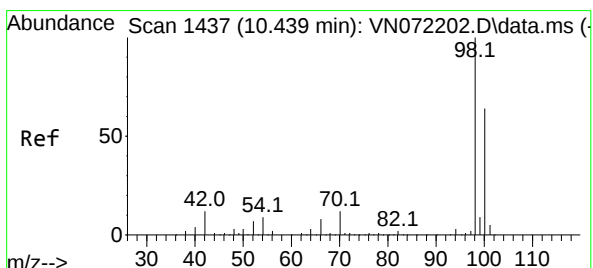
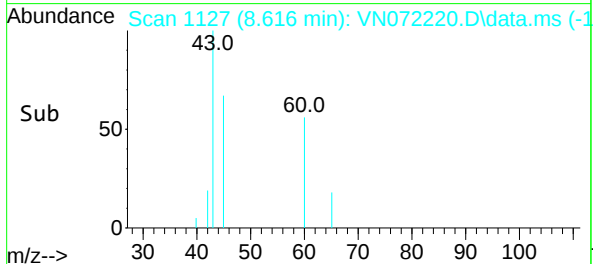
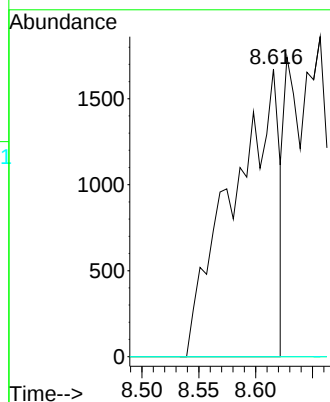
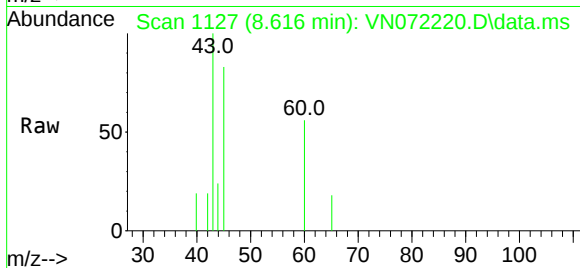
Tgt Ion: 43 Resp: 4758

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 51.628 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072220.D

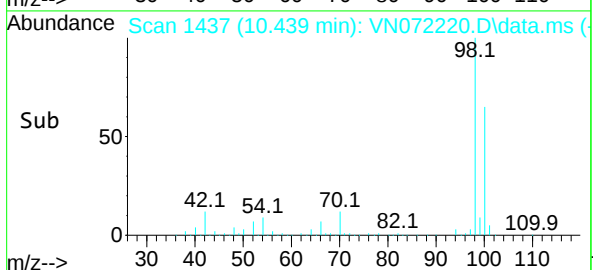
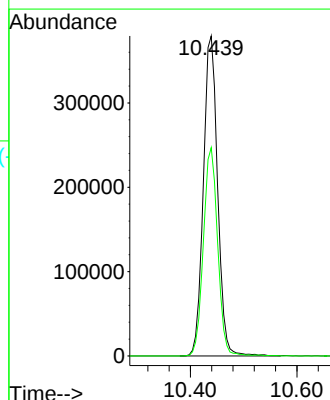
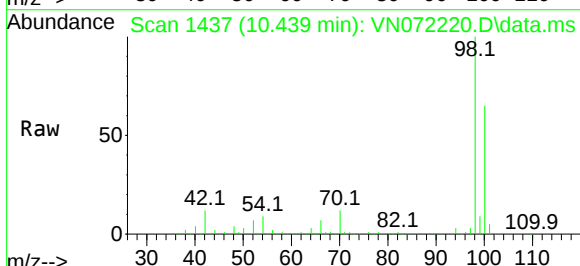
Acq: 27 Apr 2022 16:53

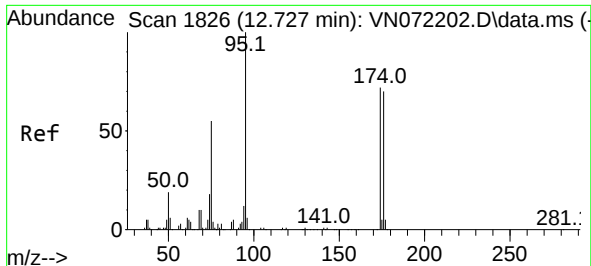
Tgt Ion: 98 Resp: 704537

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

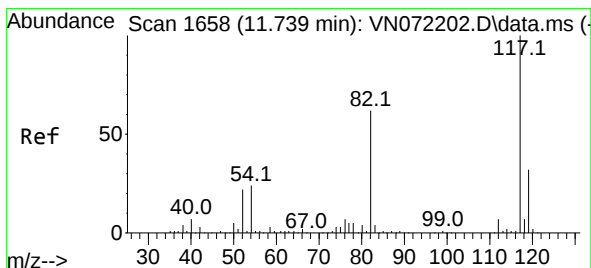
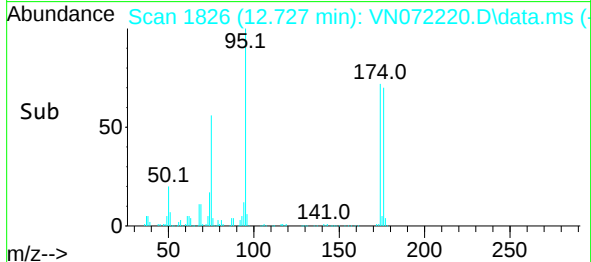
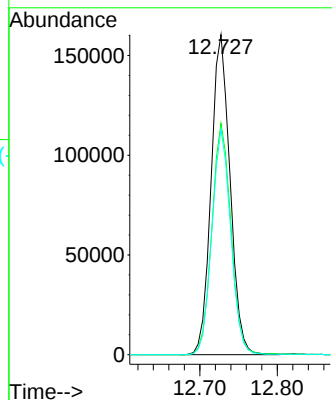
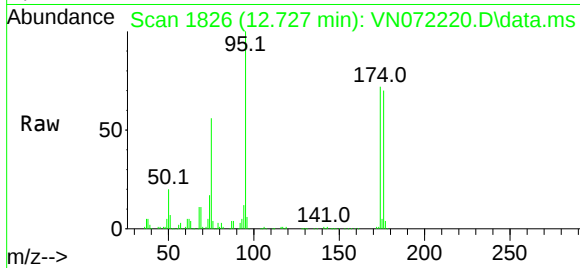




#62
4-Bromofluorobenzene
Concen: 60.130 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

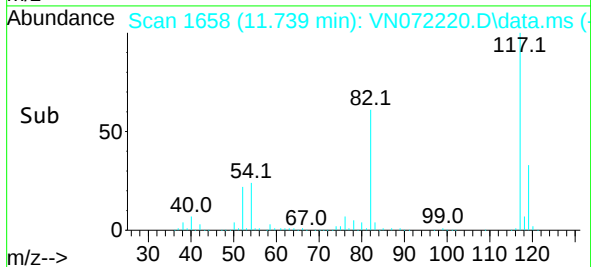
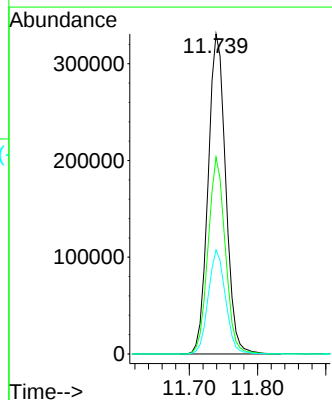
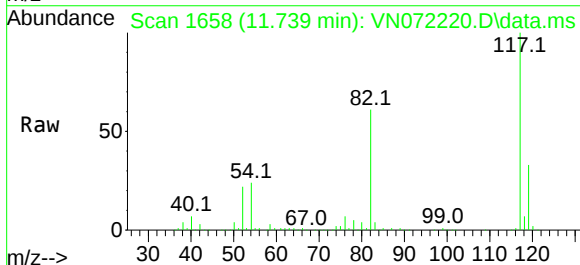
Instrument :
MSVOA_N
ClientSampleId :
31796

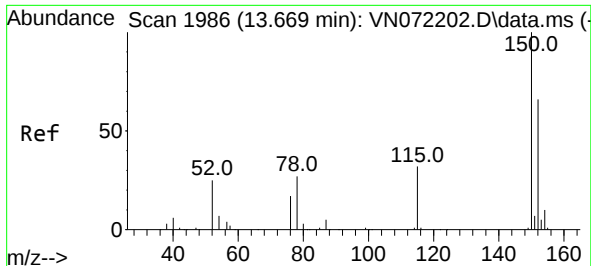
Tgt Ion: 95 Resp: 272364
Ion Ratio Lower Upper
95 100
174 72.9 0.0 167.6
176 70.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Tgt Ion: 117 Resp: 593548
Ion Ratio Lower Upper
117 100
82 61.5 44.2 66.2
119 32.5 25.4 38.0

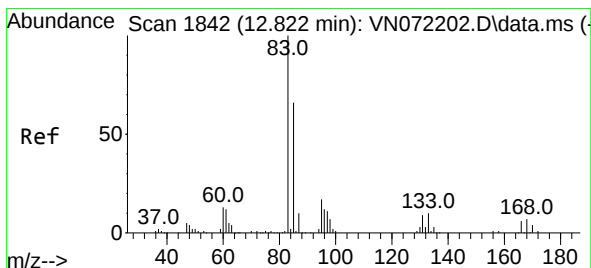
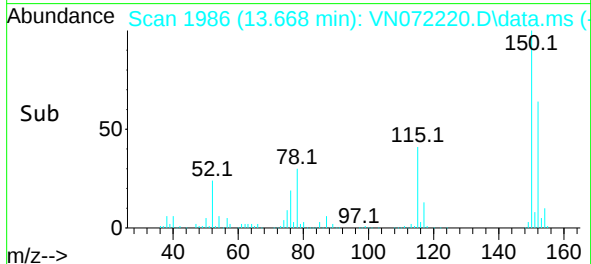
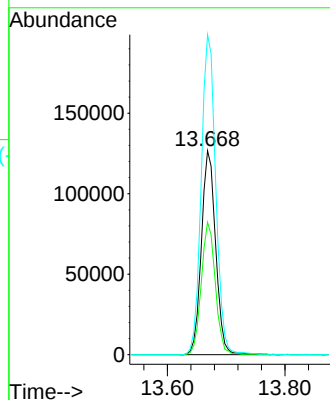
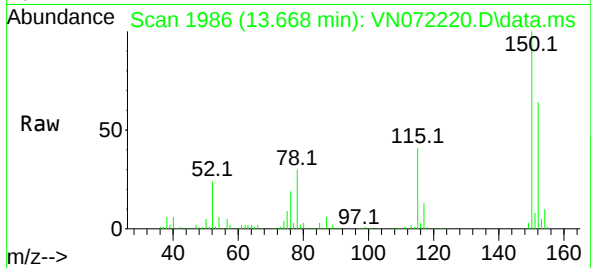




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

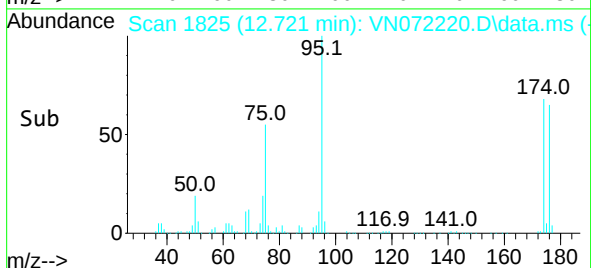
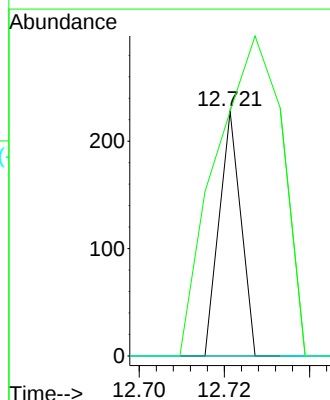
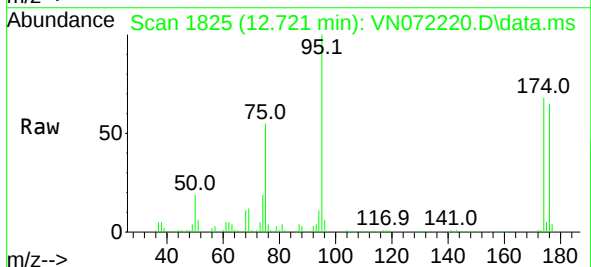
Instrument :
MSVOA_N
ClientSampleId :
31796

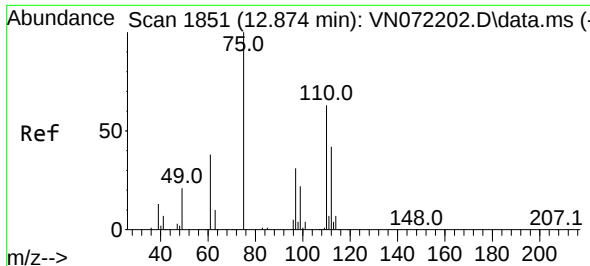
Tgt Ion:152 Resp: 212978
Ion Ratio Lower Upper
152 100
115 63.9 28.9 86.7
150 159.6 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.721 min Scan# 1825
Delta R.T. -0.101 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

Tgt Ion: 83 Resp: 80
Ion Ratio Lower Upper
83 100
131 401.3 5.3 15.9#
85 0.0 32.3 96.9#

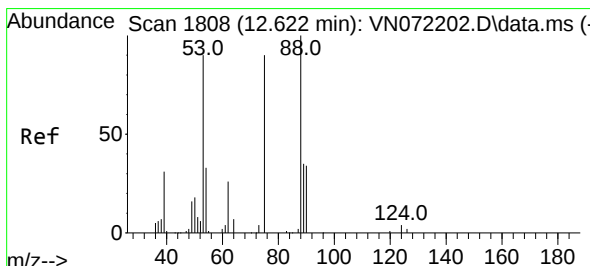
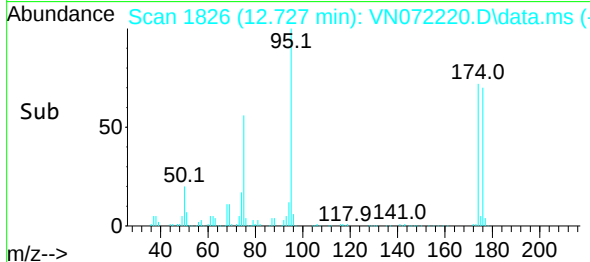
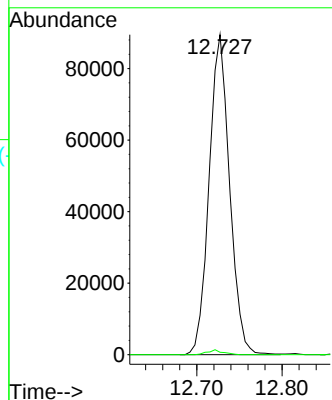
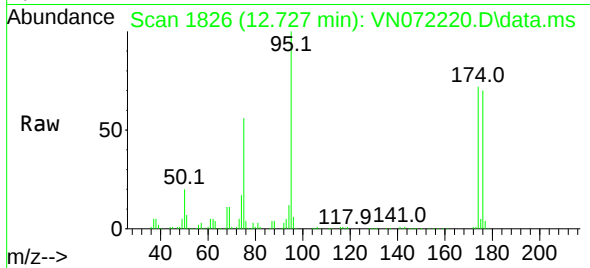




#76
1,2,3-Trichloropropane
Concen: 31.254 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

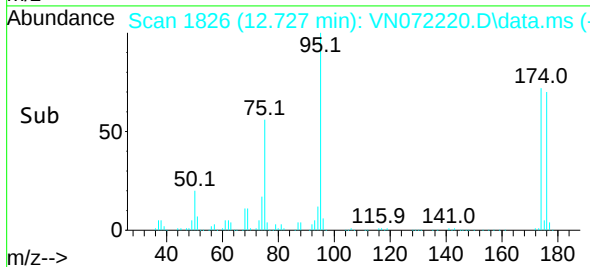
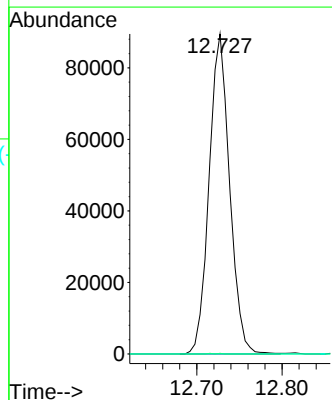
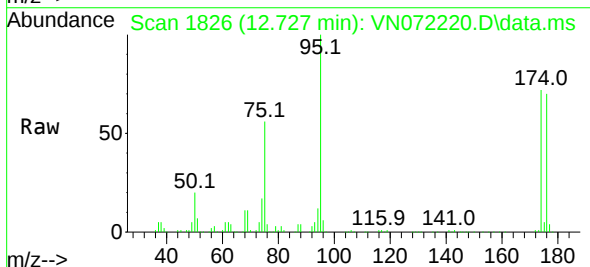
Instrument :
MSVOA_N
ClientSampleId :
31796

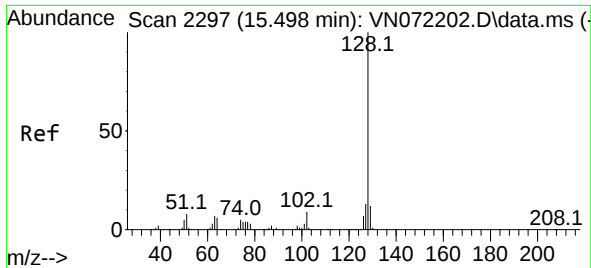
Tgt Ion: 75 Resp: 149572
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.203 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072220.D
Acq: 27 Apr 2022 16:53

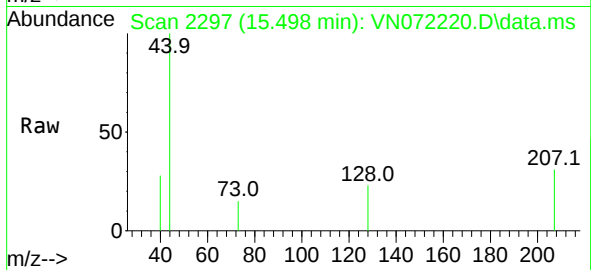
Tgt Ion: 75 Resp: 149572
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 4.312 ug/l
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072220.D
 Acq: 27 Apr 2022 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 31796



Tgt Ion:	128	Resp:	151
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

