

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070696.D
 Acq On : 19 Jan 2022 13:39
 Operator : JC/MD
 Sample : N1178-05 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 20 03:37:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

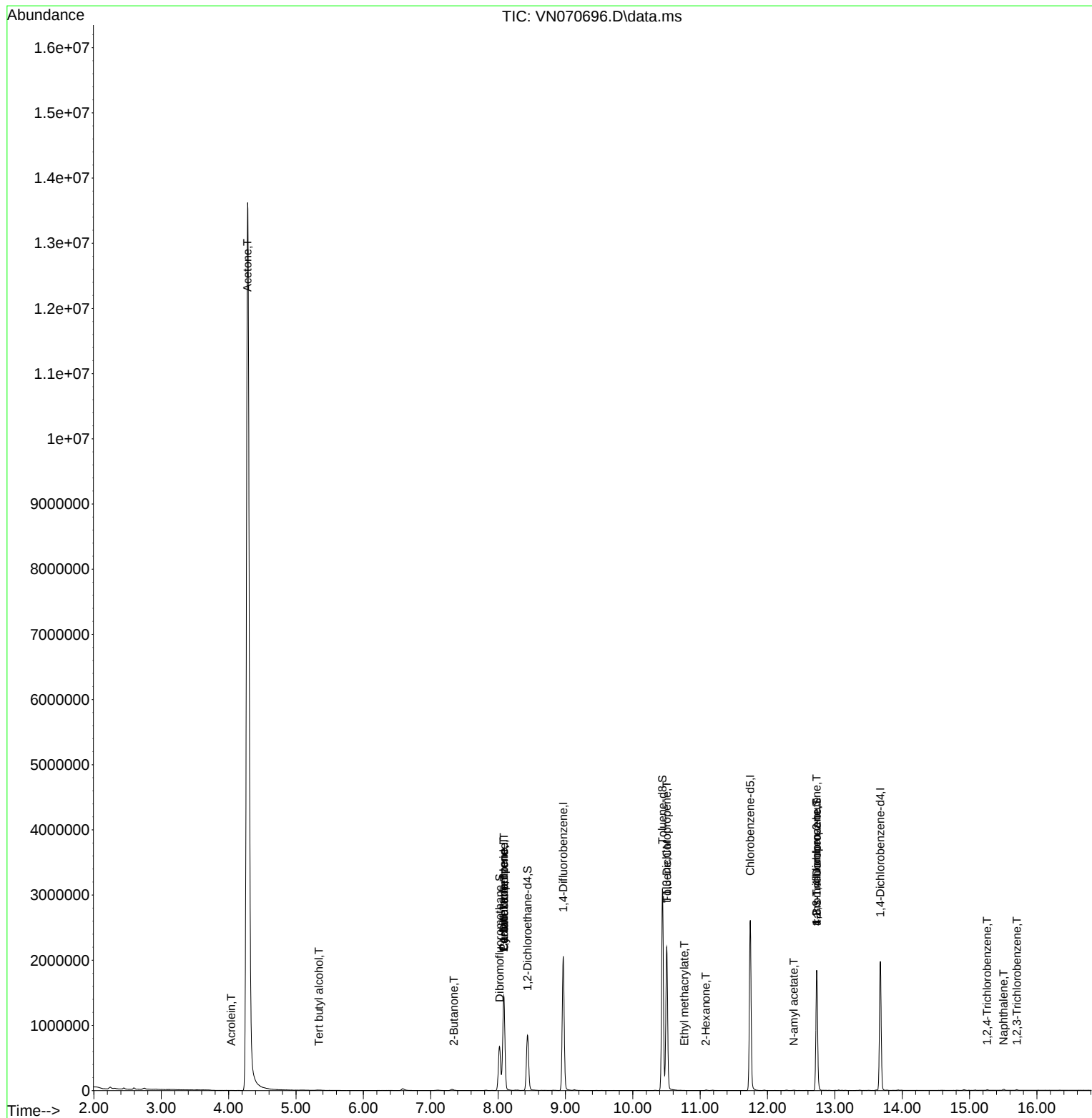
Internal Standards						
1) Pentafluorobenzene	8.086	168	1105796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1736393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1528313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	549802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	721599	45.533	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.060%
35) Dibromofluoromethane	8.021	113	502898	46.691	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.380%
50) Toluene-d8	10.440	98	2156495	47.526	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.731	95	689237	42.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.342	59	697	0.244	ug/l	95
13) Acrolein	4.039	56	897	0.219	ug/l #	14
16) Acetone	4.280	43	26364087	2396.837	ug/l	94
25) 2-Butanone	7.343	43	3591	0.259	ug/l	90
30) Chloroform	7.812	83	6327	Below Cal		88
31) Cyclohexane	8.086	56	30390	1.089	ug/l #	17
36) 1,1-Dichloropropene	8.083	75	91763	5.061	ug/l #	48
38) Carbon Tetrachloride	8.086	117	110031	6.821	ug/l #	16
52) Toluene	10.505	92	965124	28.717	ug/l	97
53) t-1,3-Dichloropropene	10.502	75	12225	2.932	ug/l #	1
56) Ethyl methacrylate	10.765	69	162	2.308	ug/l #	24
59) 2-Hexanone	11.084	43	7084	0.416	ug/l	92
74) N-amyl acetate	12.390	43	4481	0.211	ug/l #	87
76) 1,2,3-Trichloropropane	12.731	75	359266	24.637	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	359266	73.399	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	3587	3.754	ug/l	97
95) Naphthalene	15.504	128	15970	5.453	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.702	180	3698	3.572	ug/l	86

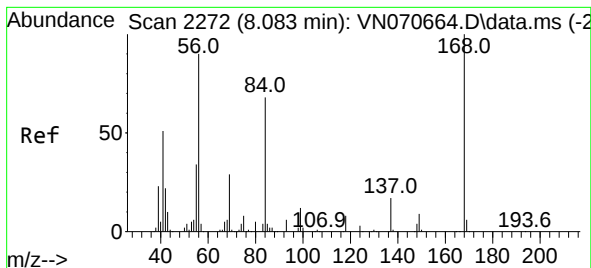
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070696.D

Acq: 19 Jan 2022 13:39

Instrument :

MSVOA_N

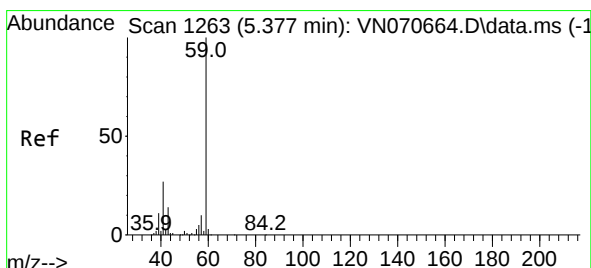
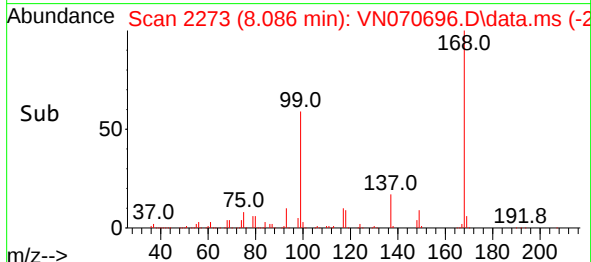
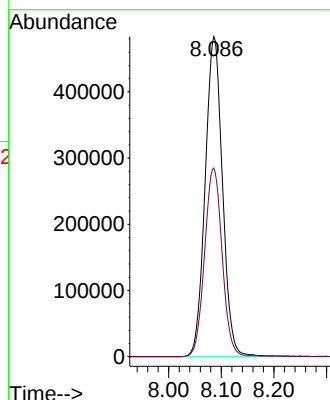
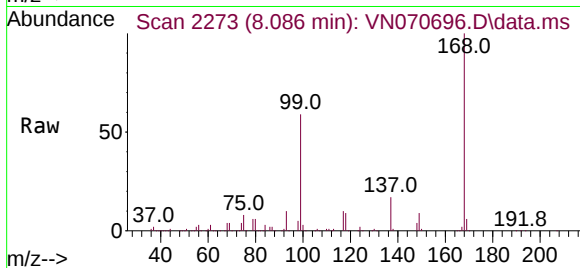
ClientSampleId :

Tgt Ion:168 Resp: 1105796

Ion Ratio Lower Upper

168 100

99 58.9 41.3 61.9



#11

Tert butyl alcohol

Concen: 0.244 ug/l

RT: 5.342 min Scan# 1250

Delta R.T. -0.035 min

Lab File: VN070696.D

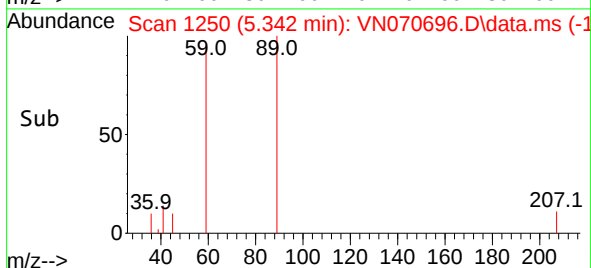
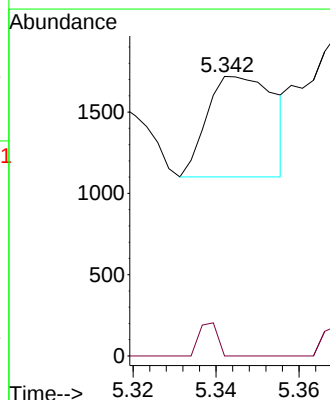
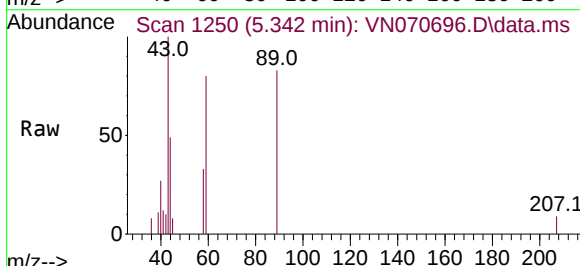
Acq: 19 Jan 2022 13:39

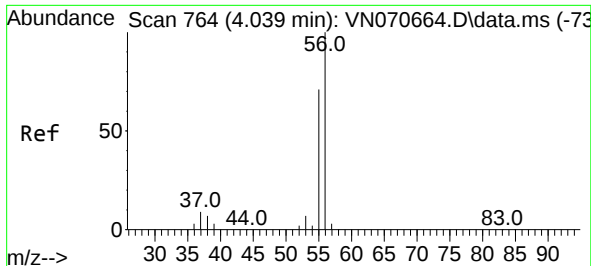
Tgt Ion: 59 Resp: 697

Ion Ratio Lower Upper

59 100

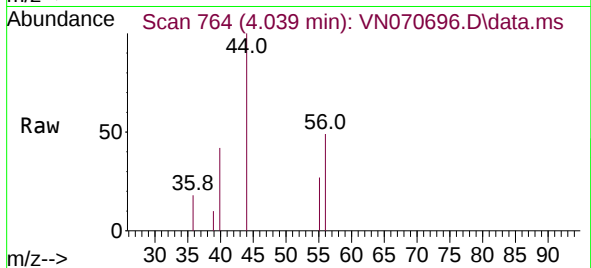
57 9.0 8.7 13.1



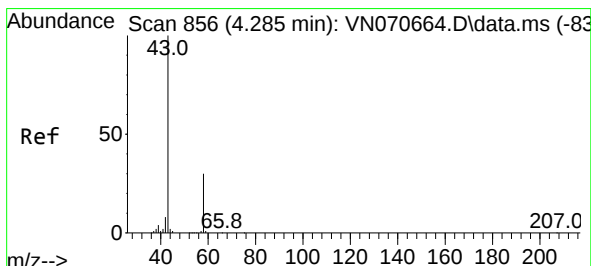
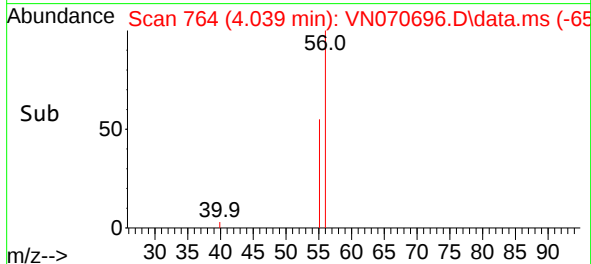
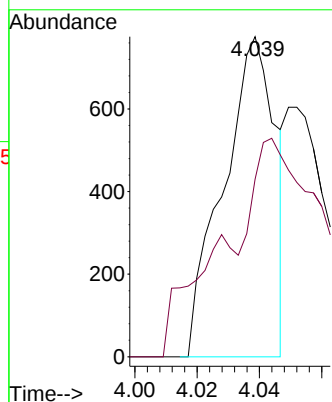


#13
Acrolein
Concen: 0.219 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :

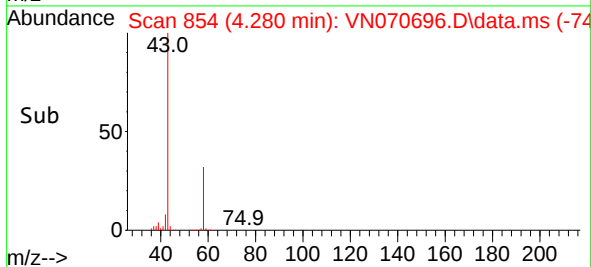
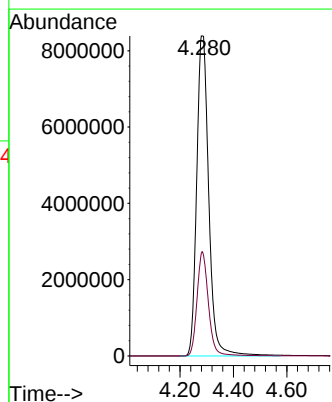
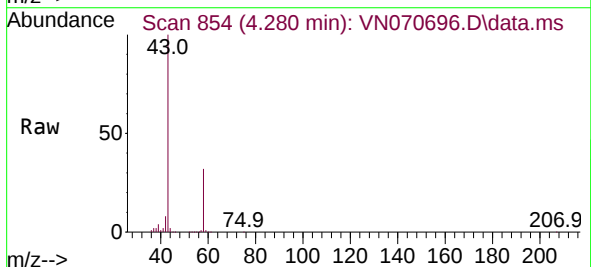


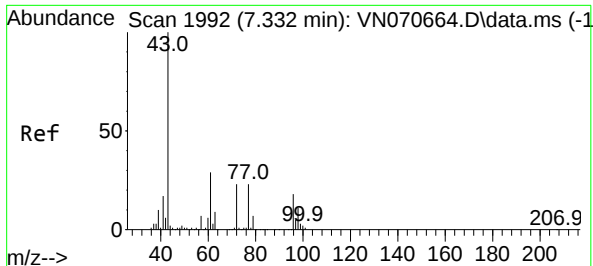
Tgt Ion: 56 Resp: 897
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 2396.837 ug/l
RT: 4.280 min Scan# 854
Delta R.T. -0.005 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion: 43 Resp: 26364087
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7

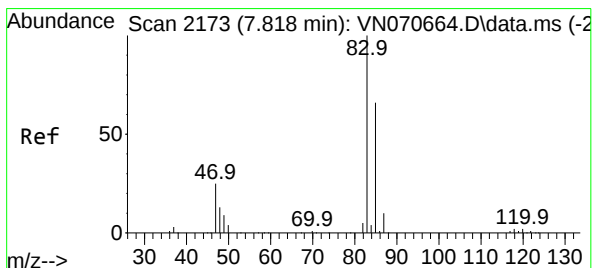
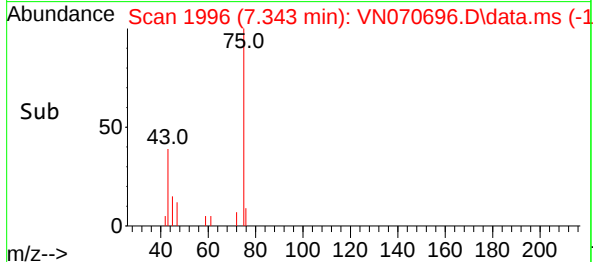
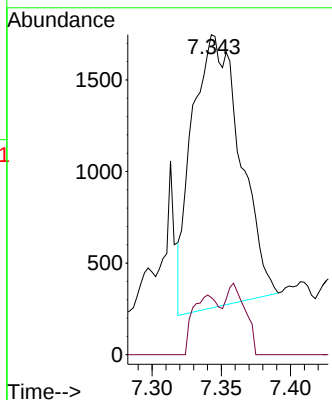
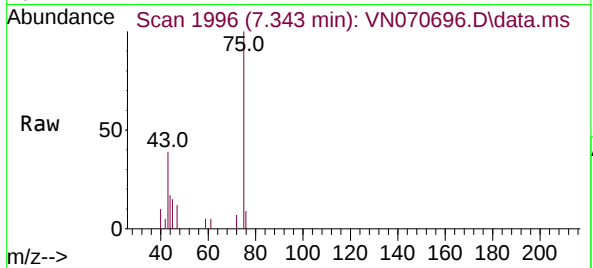




#25
2-Butanone
Concen: 0.259 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.011 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

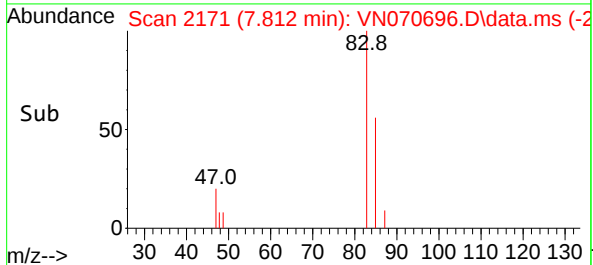
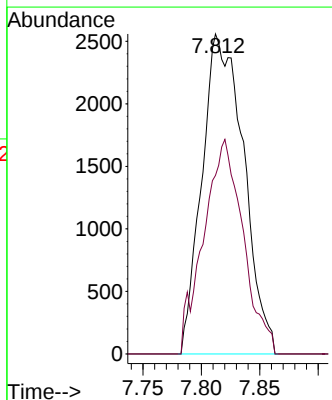
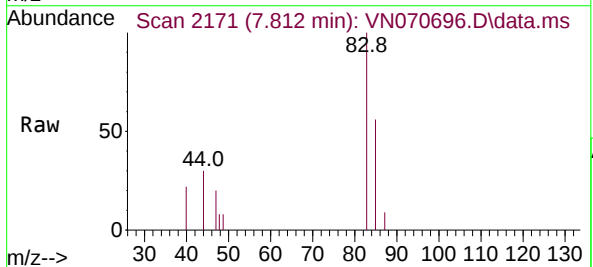
Instrument :
MSVOA_N
ClientSampleId :

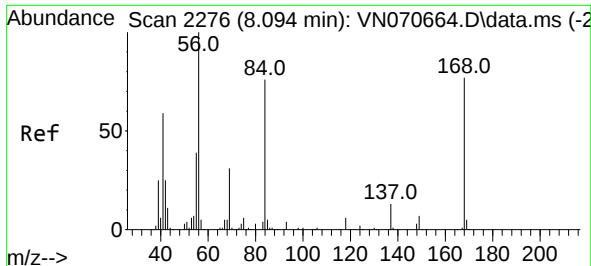
Tgt Ion: 43 Resp: 3591
Ion Ratio Lower Upper
43 100
72 22.1 21.7 32.5



#30
Chloroform
Concen: Below Cal
RT: 7.812 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

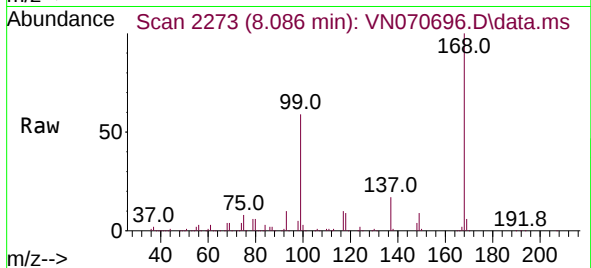
Tgt Ion: 83 Resp: 6327
Ion Ratio Lower Upper
83 100
85 55.8 51.9 77.9



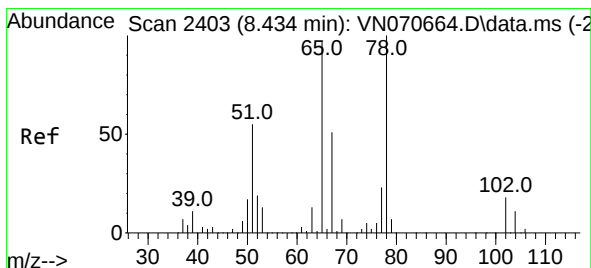
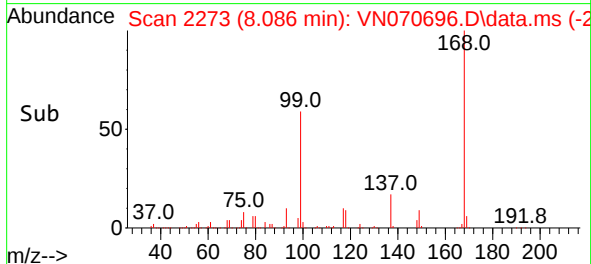
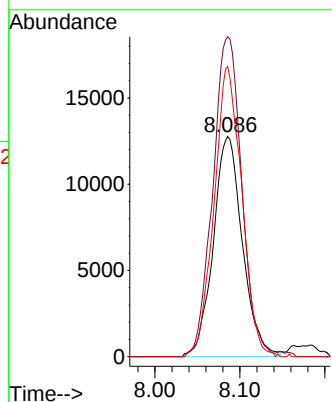


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :

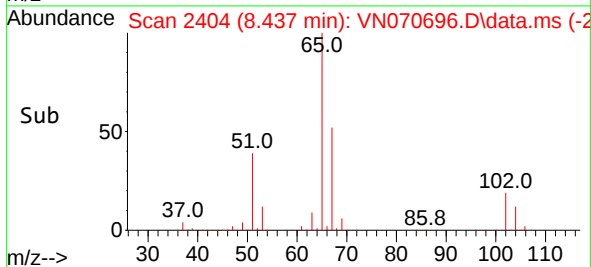
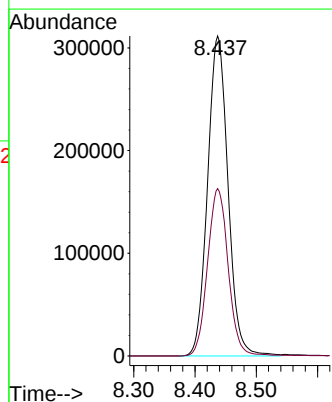
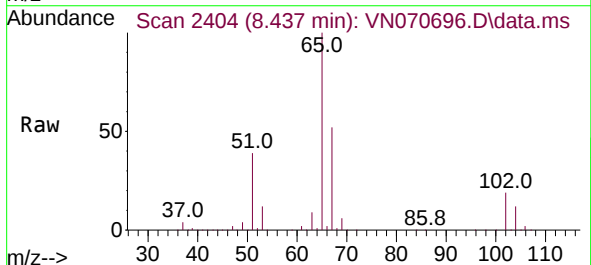


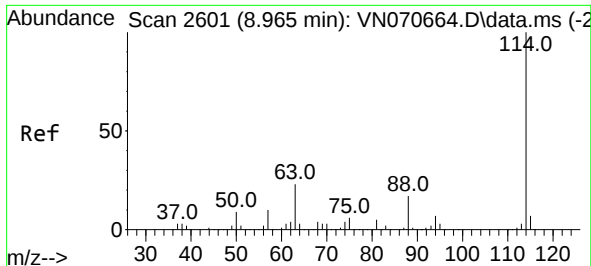
Tgt Ion: 56 Resp: 30390
Ion Ratio Lower Upper
56 100
69 145.3 27.1 40.7#
84 131.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 45.533 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion: 65 Resp: 721599
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070696.D

Acq: 19 Jan 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

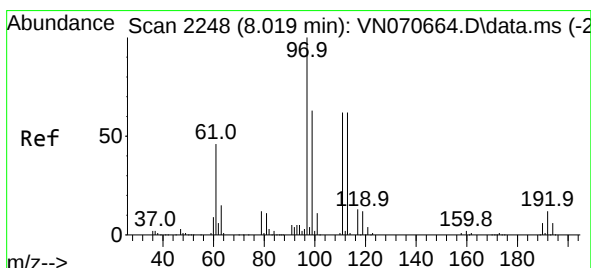
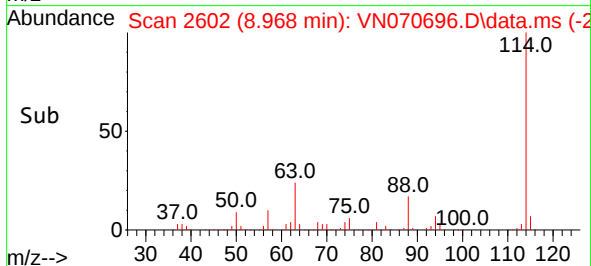
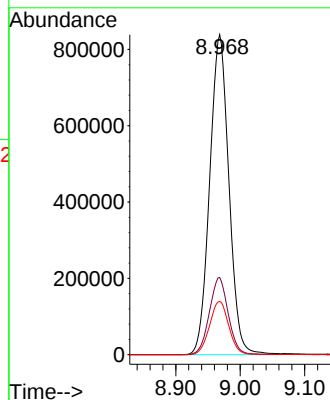
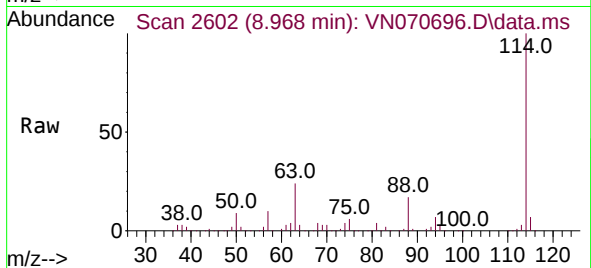
Tgt Ion:114 Resp: 1736393

Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

88 16.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.691 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070696.D

Acq: 19 Jan 2022 13:39

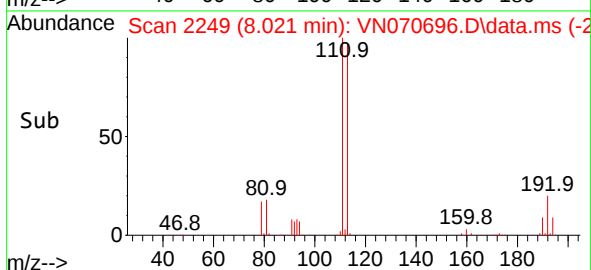
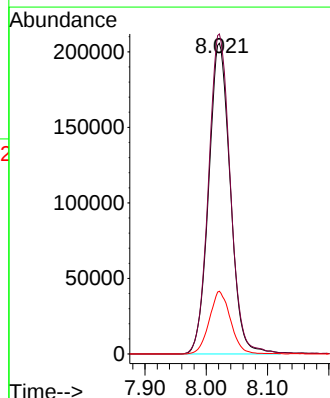
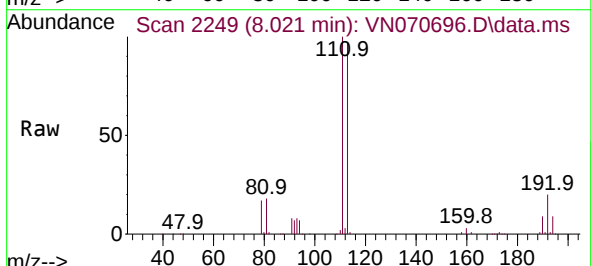
Tgt Ion:113 Resp: 502898

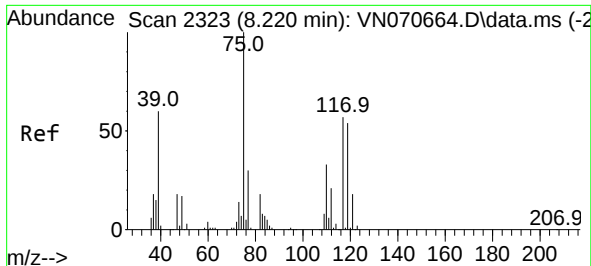
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

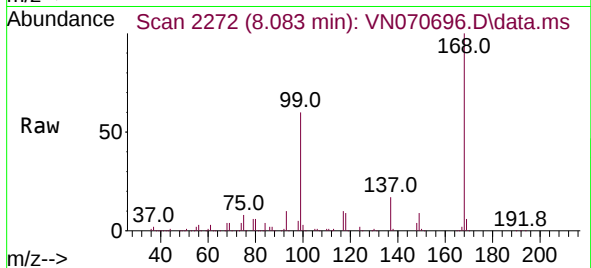
192 19.8 16.9 25.3



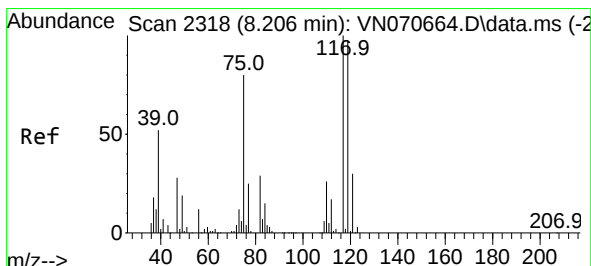
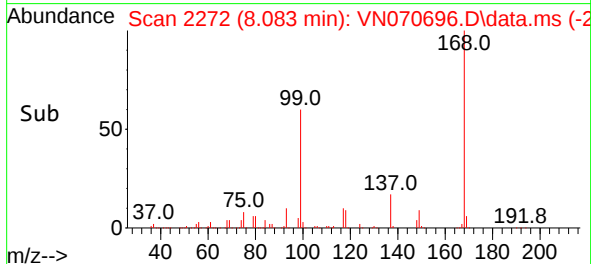
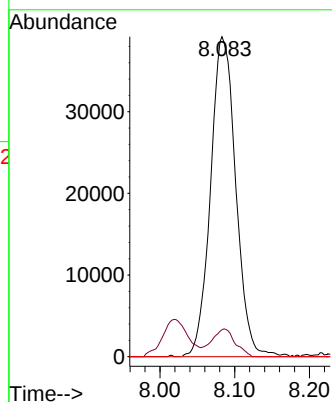


#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :

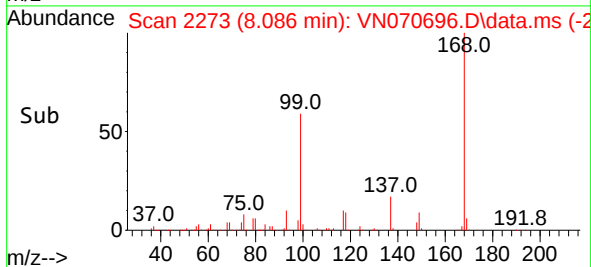
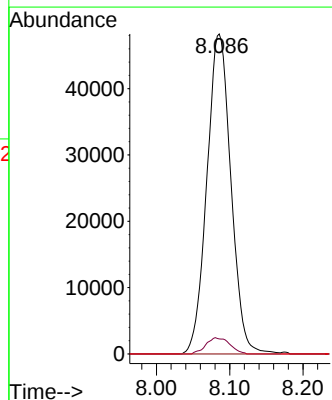
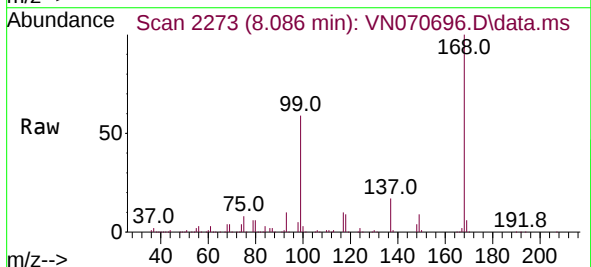


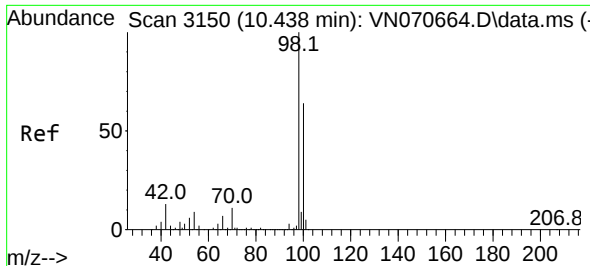
Tgt Ion: 75 Resp: 91763
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.821 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion: 117 Resp: 110031
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#

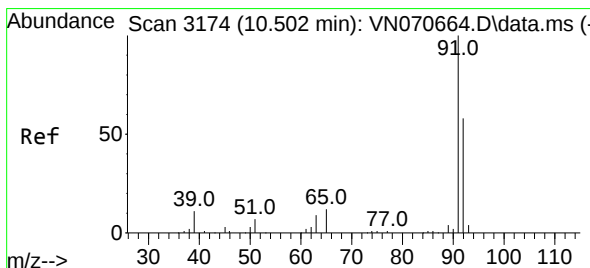
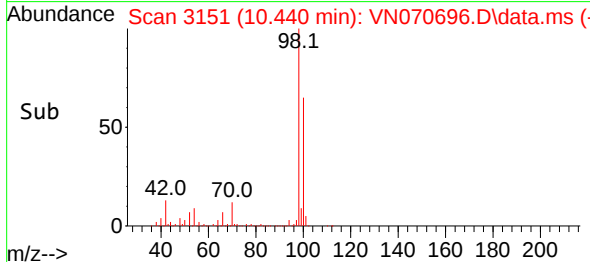
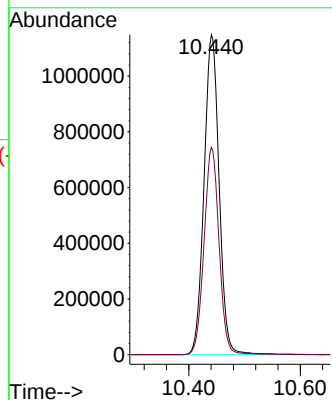
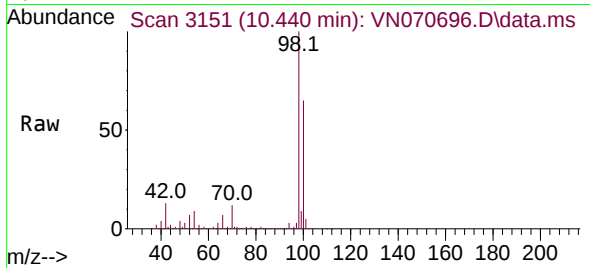




#50
Toluene-d8
Concen: 47.526 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

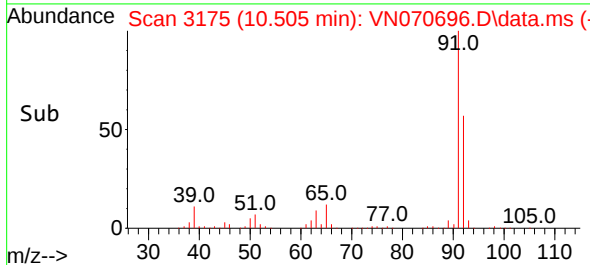
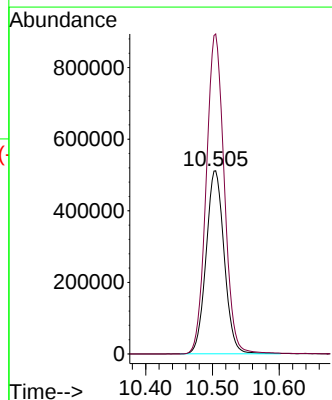
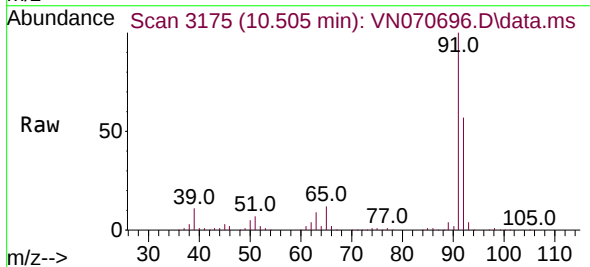
Instrument :
MSVOA_N
ClientSampleId :

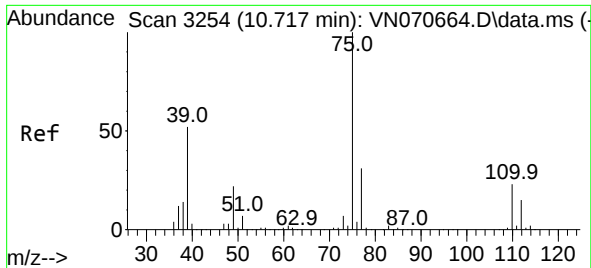
Tgt Ion: 98 Resp: 2156495
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#52
Toluene
Concen: 28.717 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion: 92 Resp: 965124
Ion Ratio Lower Upper
92 100
91 173.9 142.0 213.0

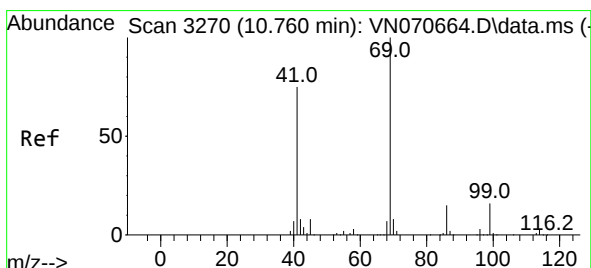
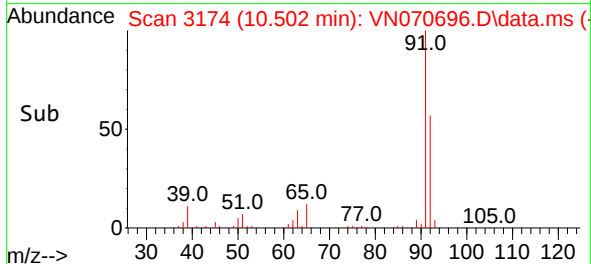
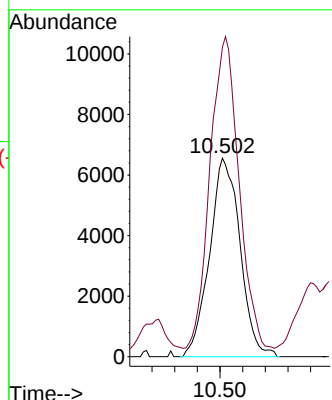
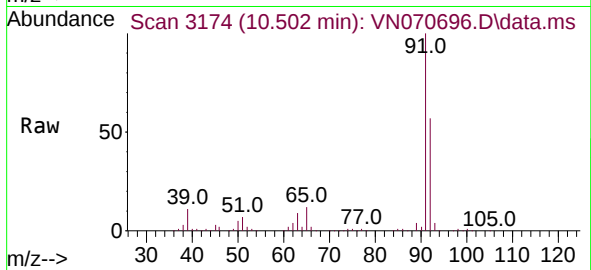




#53
t-1,3-Dichloropropene
Concen: 2.932 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.215 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

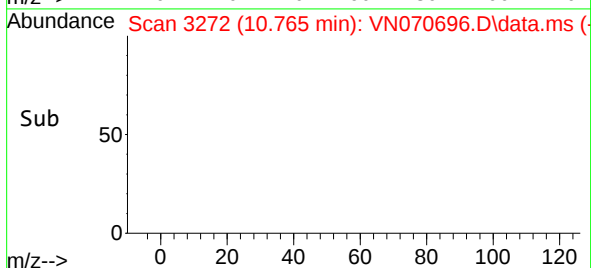
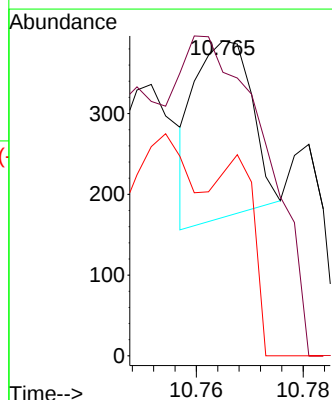
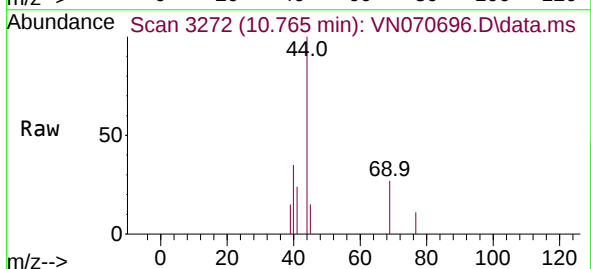
Instrument :
MSVOA_N
ClientSampleId :

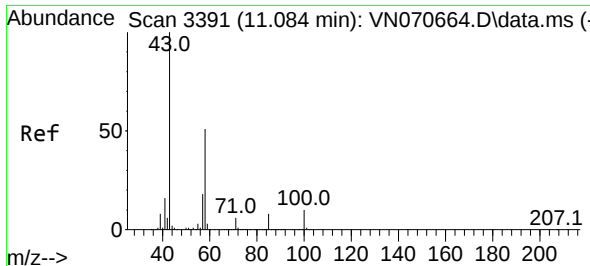
Tgt Ion: 75 Resp: 12225
Ion Ratio Lower Upper
75 100
77 151.2 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.308 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.005 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion: 69 Resp: 162
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#

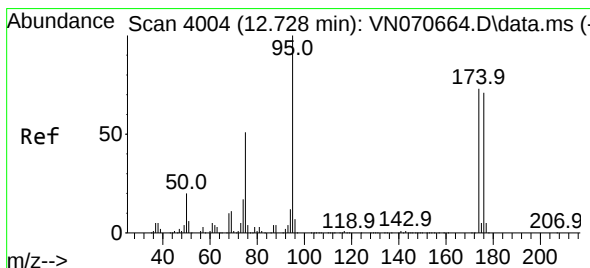
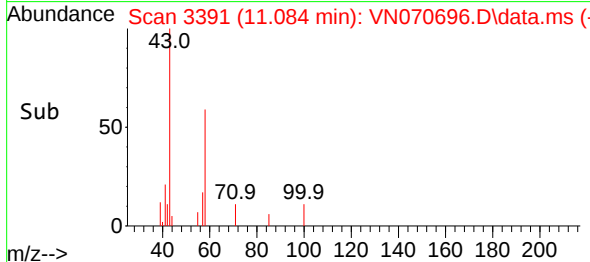
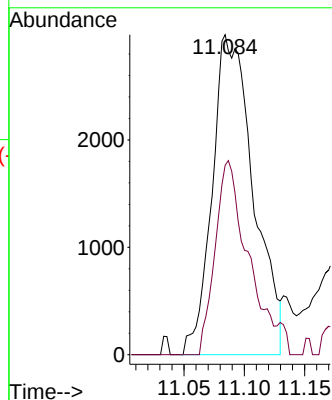
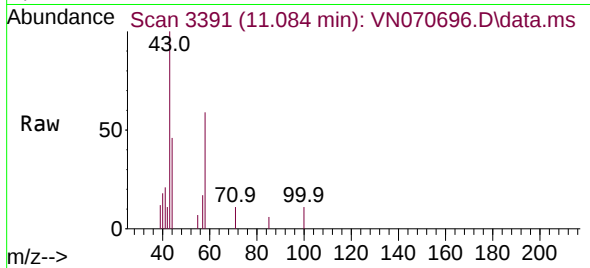




#59
2-Hexanone
Concen: 0.416 ug/l
RT: 11.084 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

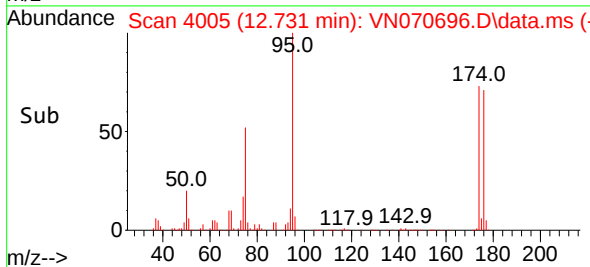
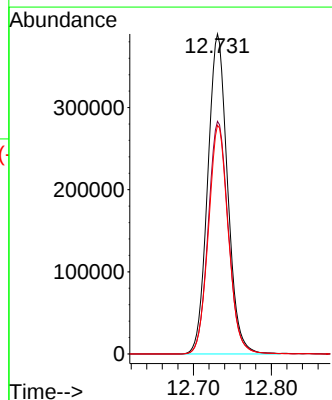
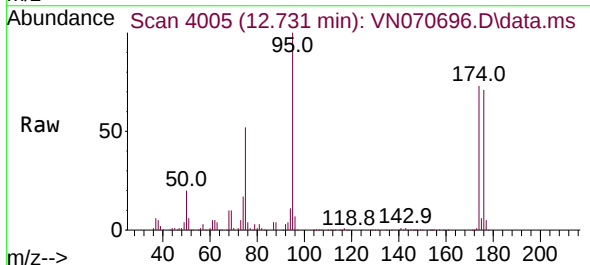
Instrument :
MSVOA_N
ClientSampleId :

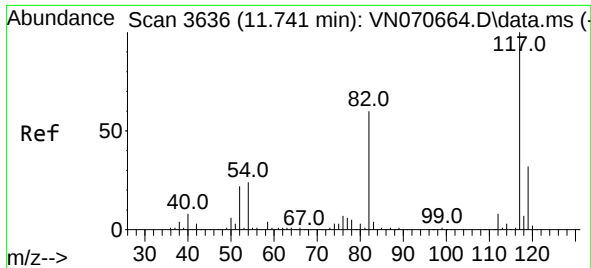
Tgt Ion: 43 Resp: 7084
Ion Ratio Lower Upper
43 100
58 48.0 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 42.627 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion: 95 Resp: 689237
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.6 0.0 181.4

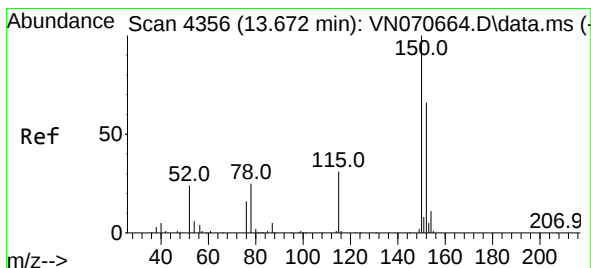
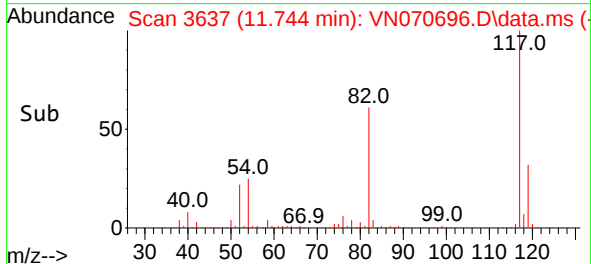
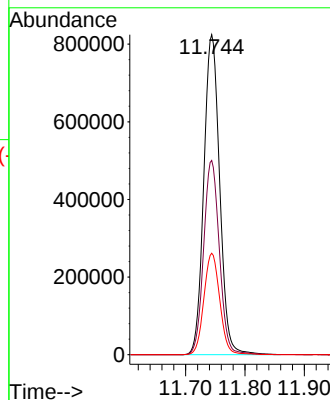
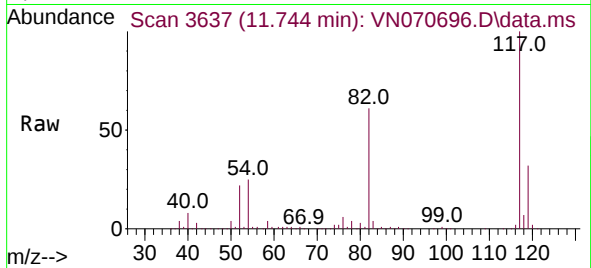




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

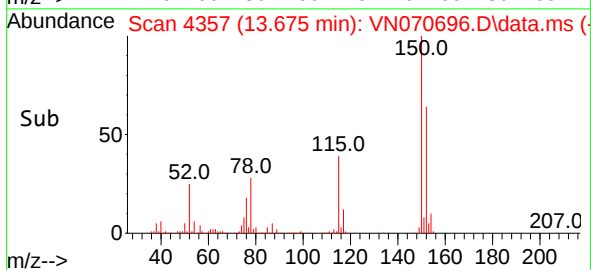
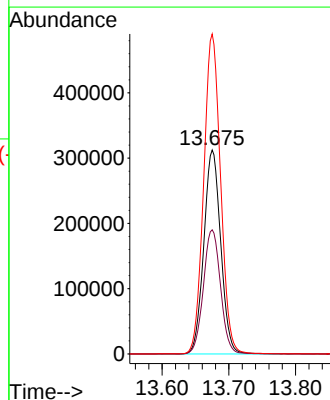
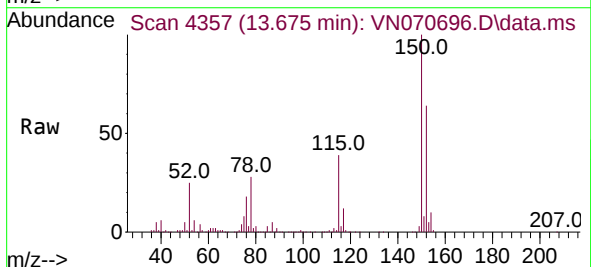
Instrument :
MSVOA_N
ClientSampleId :

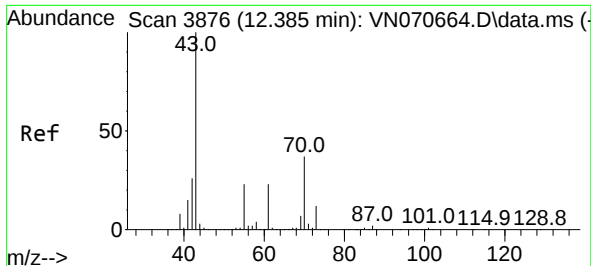
Tgt Ion:117 Resp: 1528313
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

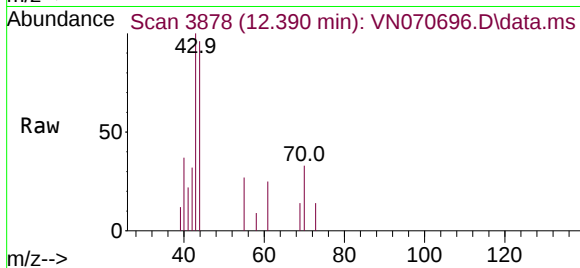
Tgt Ion:152 Resp: 549802
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 156.6 0.0 344.4



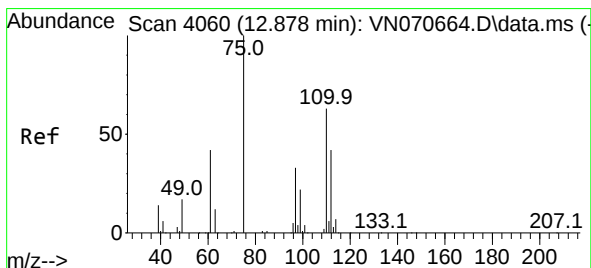
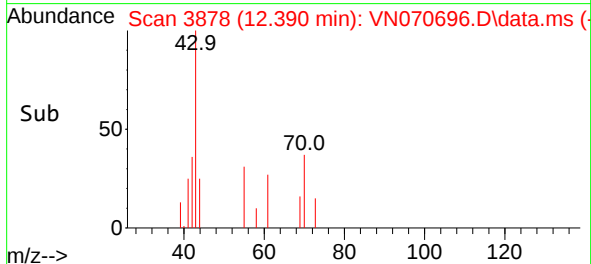
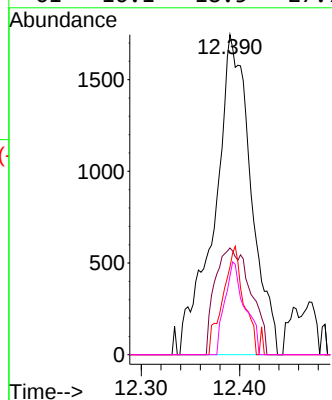


#74
N-amy1 acetate
Concen: 0.211 ug/l
RT: 12.390 min Scan# 3876
Delta R.T. 0.005 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Instrument :
MSVOA_N
ClientSampleId :

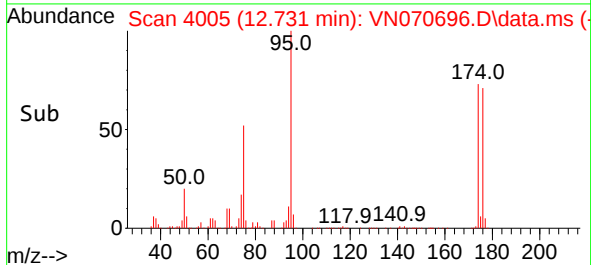
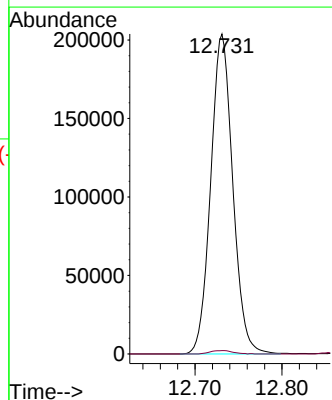
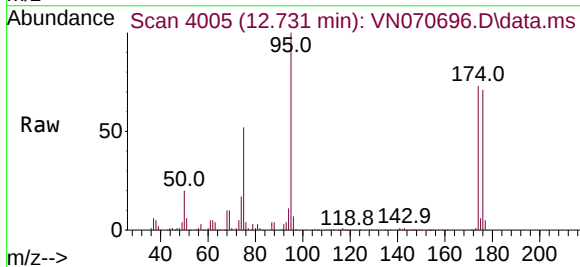


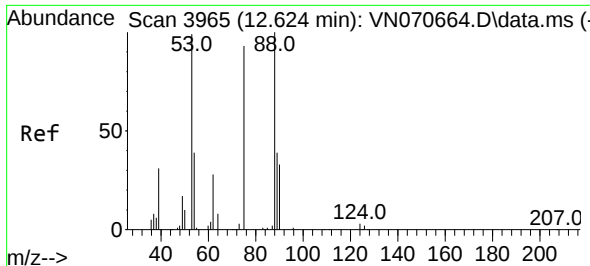
Tgt Ion: 43	Resp: 4481
Ion Ratio	Lower Upper
43	100
70	32.6 33.4 50.0#
55	19.4 19.3 28.9
61	16.1 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 24.637 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion: 75	Resp: 359266
Ion Ratio	Lower Upper
75	100
77	1.1 82.6 247.8#

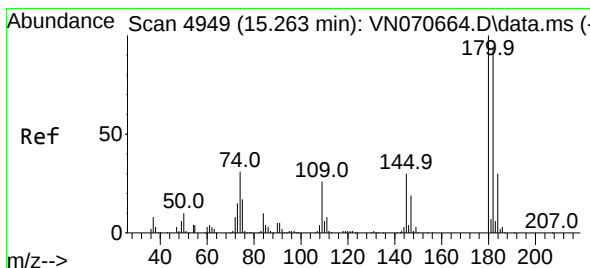
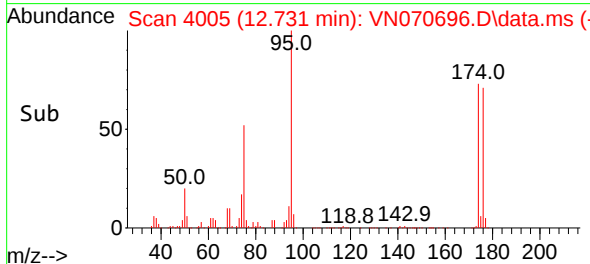
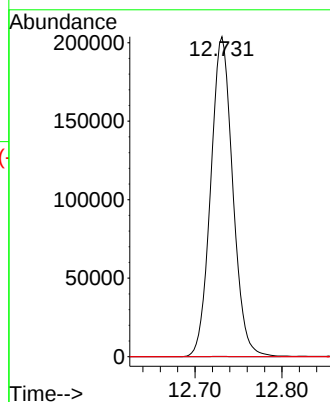
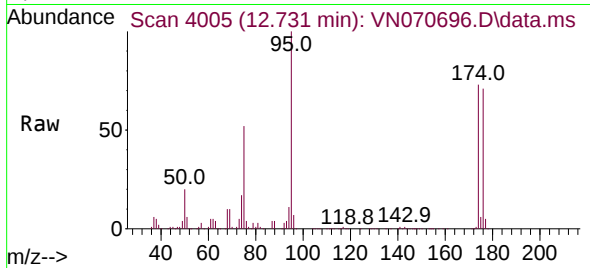




#81
trans-1,4-Dichloro-2-butene
Concen: 73.399 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

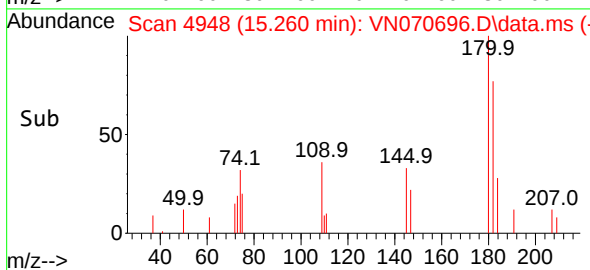
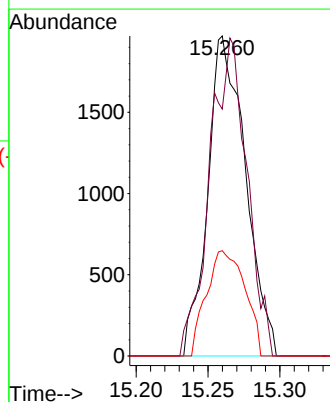
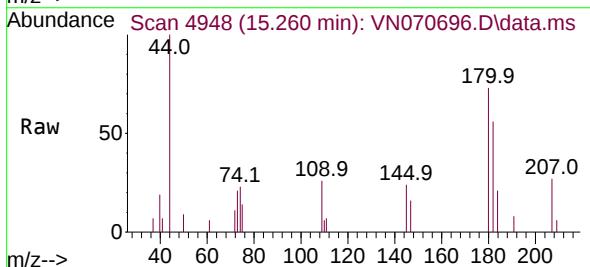
Instrument :
MSVOA_N
ClientSampleId :

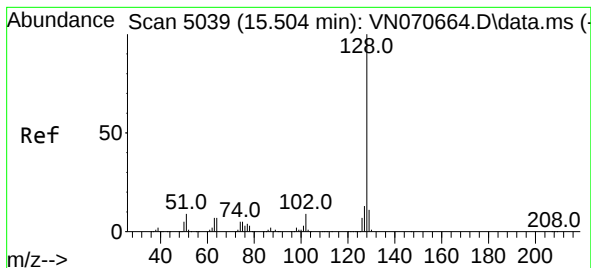
Tgt Ion: 75 Resp: 359266
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.754 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.003 min
Lab File: VN070696.D
Acq: 19 Jan 2022 13:39

Tgt Ion:180 Resp: 3587
Ion Ratio Lower Upper
180 100
182 98.2 48.3 144.9
145 33.7 14.5 43.5





#95

Naphthalene

Concen: 5.453 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. 0.000 min

Lab File: VN070696.D

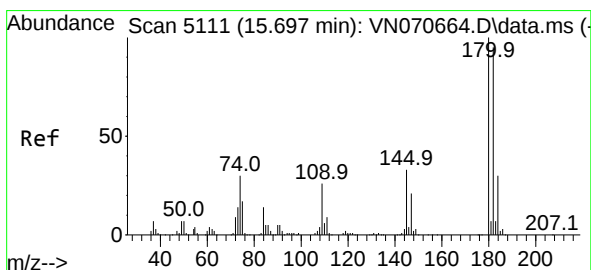
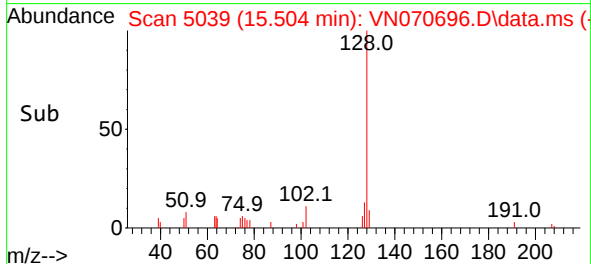
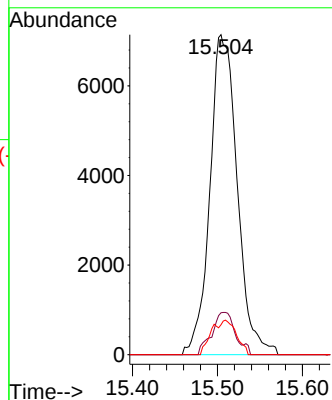
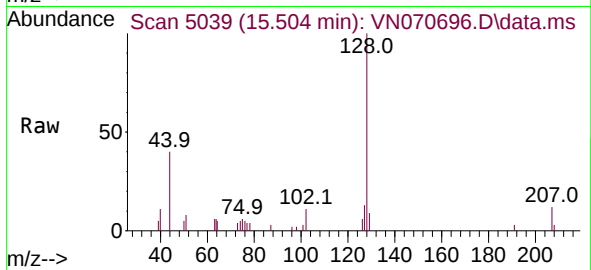
Acq: 19 Jan 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	15970
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.5	15.7
129	3.7	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 3.572 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.005 min

Lab File: VN070696.D

Acq: 19 Jan 2022 13:39

Tgt Ion:	180	Resp:	3698
Ion Ratio	Lower	Upper	
180	100		
182	109.1	47.4	142.2
145	35.5	15.0	45.1

