

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072893.D
 Acq On : 16 Jun 2022 21:14
 Operator : JC\MD
 Sample : N3202-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 06:07:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	634122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	1065803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	932738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	409608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	491004	41.910	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.820%		
35) Dibromofluoromethane	7.951	113	427294	44.136	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.280%		
50) Toluene-d8	10.375	98	1408307	37.163	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	74.320%		
62) 4-Bromofluorobenzene	12.669	95	565853	43.045	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.080%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.298	59	134050	43.945	ug/l	99
13) Acrolein	3.999	56	556	Below Cal	#	67
15) Acrylonitrile	5.540	53	7732	1.168	ug/l #	28
16) Acetone	4.240	43	20133	3.405	ug/l	91
19) Methyl tert-butyl Ether	5.540	73	13123	0.406	ug/l #	1
25) 2-Butanone	7.269	43	27830	2.955	ug/l #	87
31) Cyclohexane	8.022	56	134788	8.581	ug/l #	80
36) 1,1-Dichloropropene	8.016	75	47899	3.623	ug/l #	52
37) Ethyl Acetate	7.269	43	27830	1.454	ug/l #	67
38) Carbon Tetrachloride	8.016	117	61019	4.286	ug/l #	17
39) Methylcyclohexane	9.392	83	315363	19.217	ug/l	94
40) Benzene	8.392	78	17327	0.411	ug/l	94
43) Isopropyl Acetate	8.481	43	47634	1.599	ug/l #	53
45) 1,2-Dichloropropane	9.392	63	4754	0.447	ug/l #	1
47) Bromodichloromethane	9.669	83	5564	0.372	ug/l #	26
48) Methyl methacrylate	9.528	41	9753	0.717	ug/l #	10
49) 1,4-Dioxane	9.681	88	62	0.215	ug/l #	25
51) 4-Methyl-2-Pentanone	10.275	43	11536	0.599	ug/l	92
52) Toluene	10.433	92	9712	0.356	ug/l	96
55) 1,1,2-Trichloroethane	10.810	97	49445	4.492	ug/l #	19
56) Ethyl methacrylate	10.716	69	6387	0.342	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.898	63	4747	0.718	ug/l #	44
59) 2-Hexanone	11.022	43	22384	1.565	ug/l	69
67) Ethyl Benzene	11.780	91	579134	13.334	ug/l	99
68) m/p-Xylenes	11.892	106	106725	6.399	ug/l	99
69) o-Xylene	12.216	106	28848	1.686	ug/l	99
73) Isopropylbenzene	12.516	105	1266290	32.417	ug/l	100
74) N-amyl acetate	12.333	43	8554	0.509	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.780	83	7740	0.606	ug/l #	59
76) 1,2,3-Trichloropropane	12.857	75	9472	0.778	ug/l #	1
78) n-propylbenzene	12.857	91	1600439	39.285	ug/l	99
79) 2-Chlorotoluene	12.951	91	78180	2.954	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.992	105	2155058	68.843	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.516	75	14589	3.413	ug/l #	59
82) 4-Chlorotoluene	12.992	91	233598	9.546	ug/l #	40
83) tert-Butylbenzene	13.304	119	636103	22.702	ug/l #	61

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

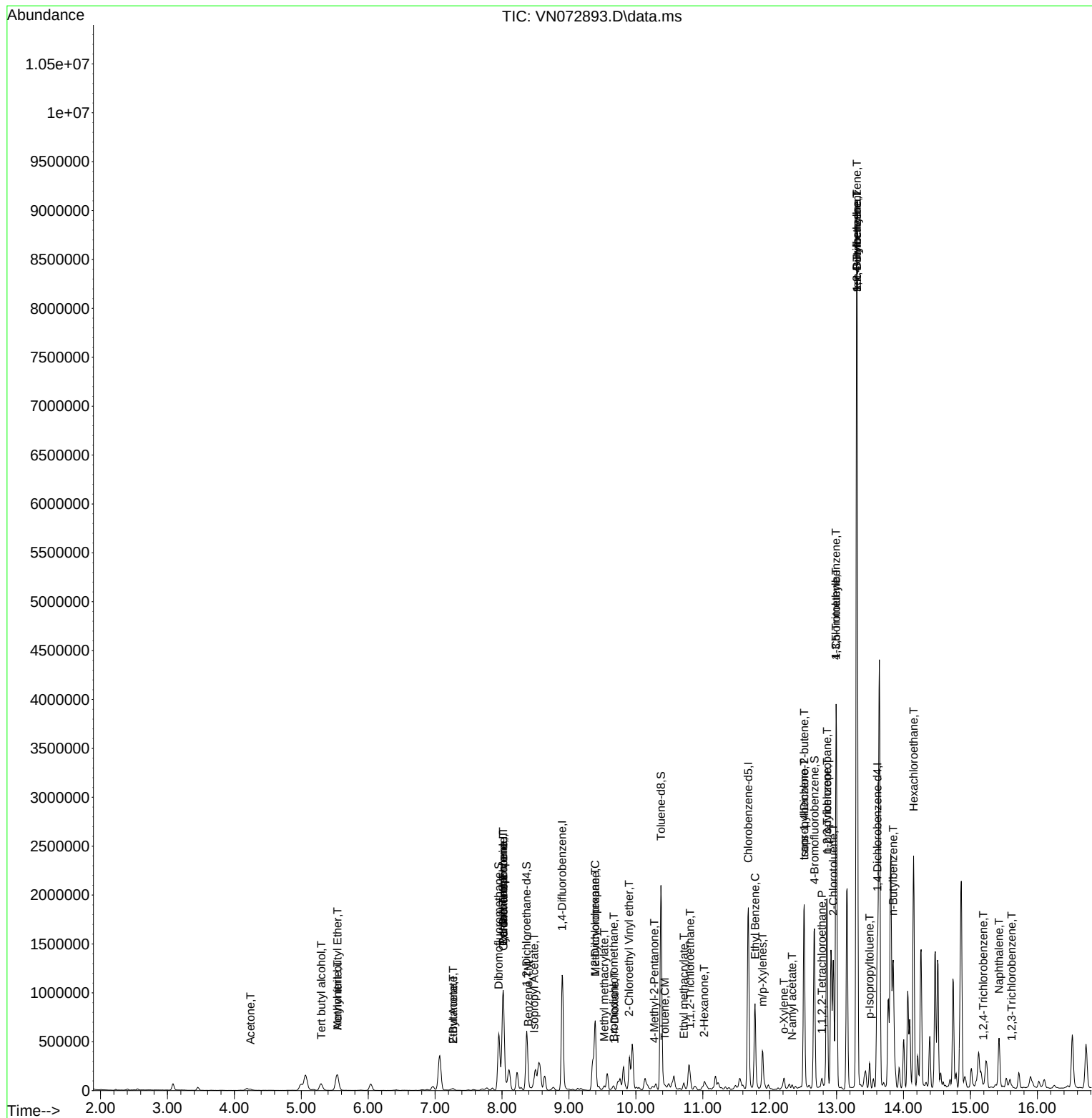
84) 1,2,4-Trimethylbenzene	13.304	105	5248652	174.401	ug/l	98
85) sec-Butylbenzene	13.304	105	5248652	144.490	ug/l #	56
86) p-Isopropyltoluene	13.492	119	138942	4.739	ug/l	98
89) n-Butylbenzene	13.845	91	44131	1.958	ug/l #	1
90) Hexachloroethane	14.151	117	113005	17.828	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.192	180	4258	0.567	ug/l #	84
95) Naphthalene	15.427	128	458123	17.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.615	180	5473	0.733	ug/l #	82

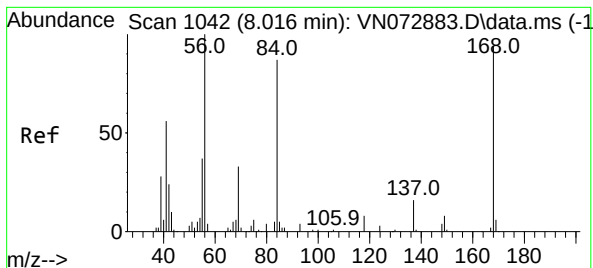
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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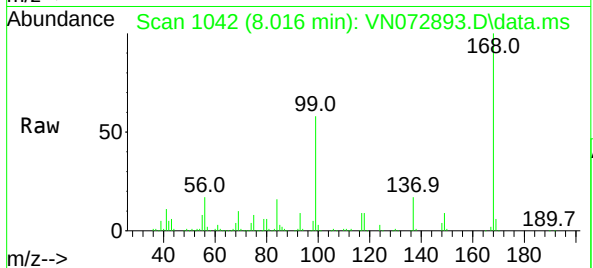
Quant Time: Jun 17 06:07:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
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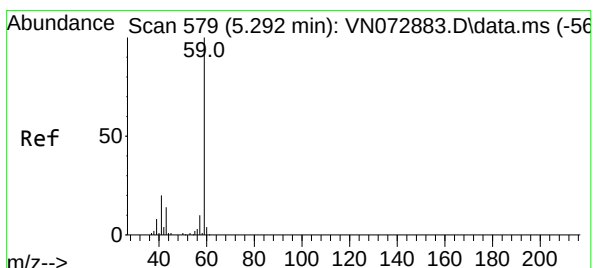
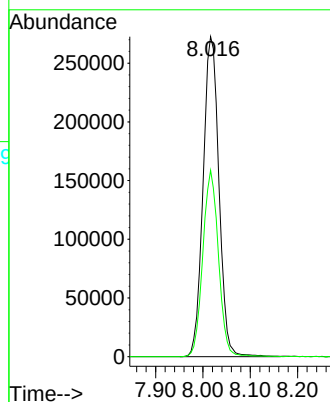
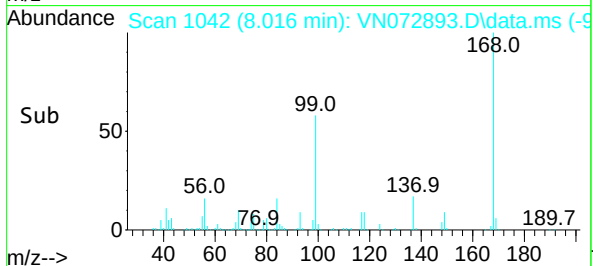


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072893.D
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ClientSampleId :

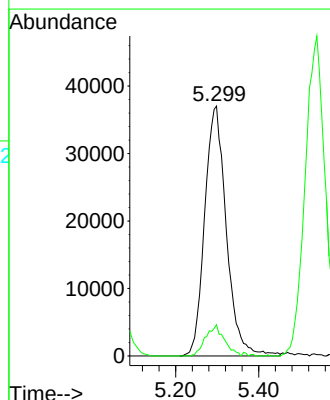
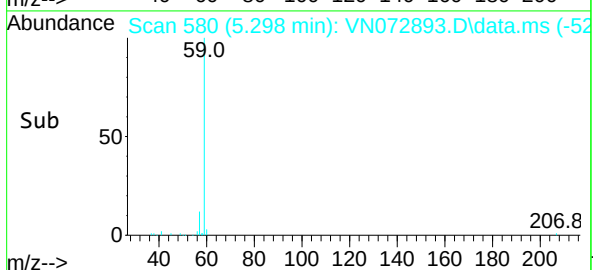
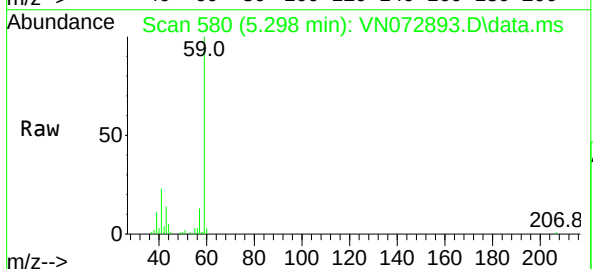


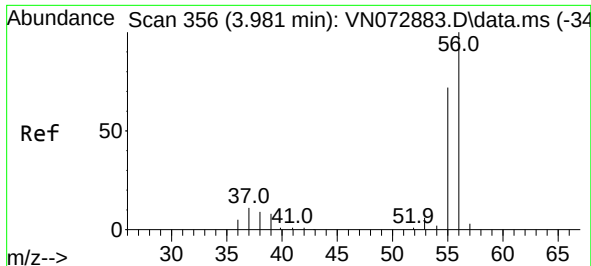
Tgt Ion:168 Resp: 634122
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 43.945 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

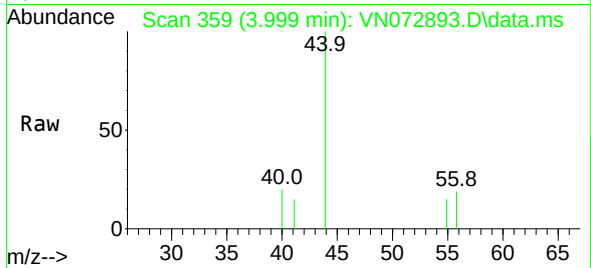
Tgt Ion: 59 Resp: 134050
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



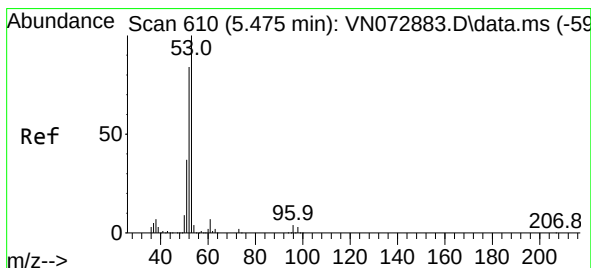
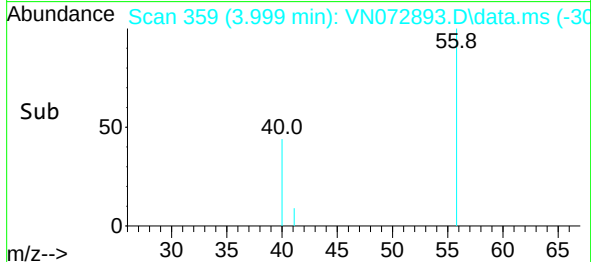
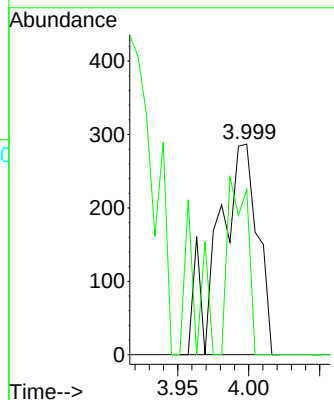


#13
Acrolein
Concen: Below Cal
RT: 3.999 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Instrument :
MSVOA_N
ClientSampleId :

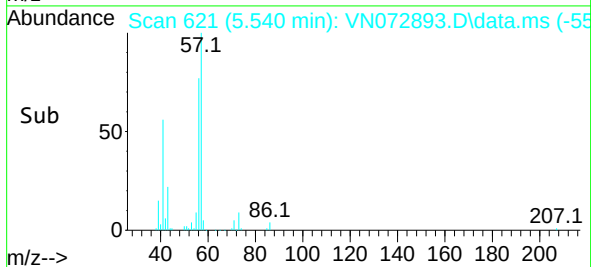
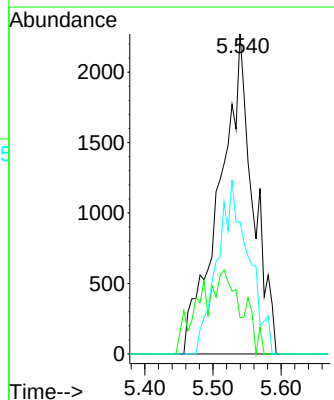
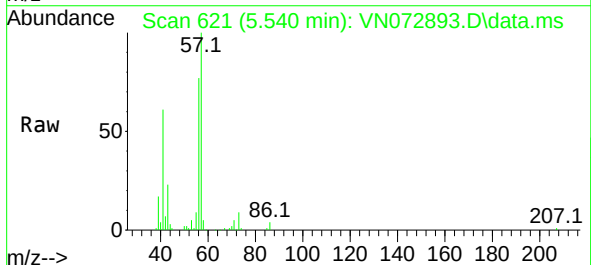


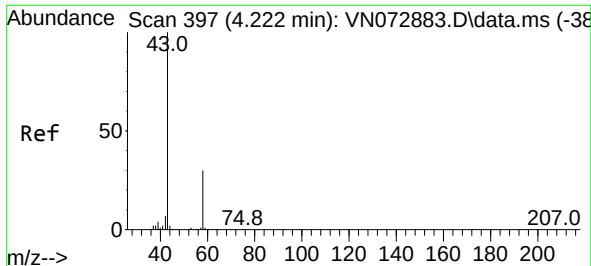
Tgt Ion: 56 Resp: 556
Ion Ratio Lower Upper
56 100
55 41.7 54.8 82.2#



#15
Acrylonitrile
Concen: 1.168 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.065 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 53 Resp: 7732
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 50.7 28.5 42.7#

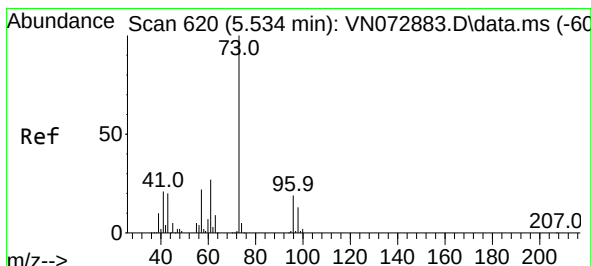
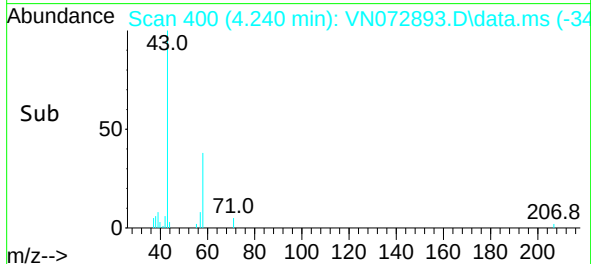
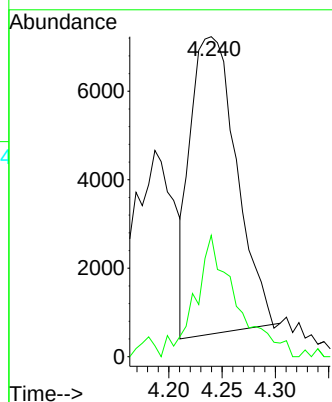
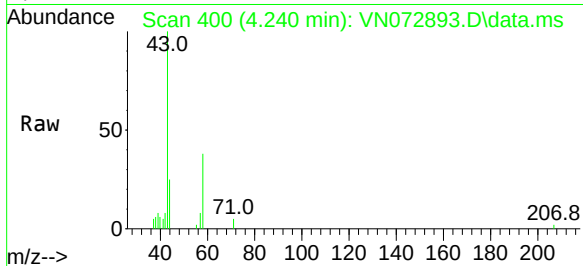




#16
Acetone
Concen: 3.405 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

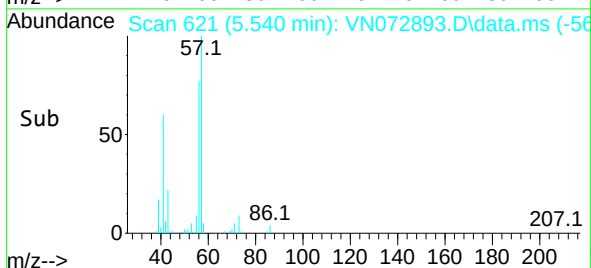
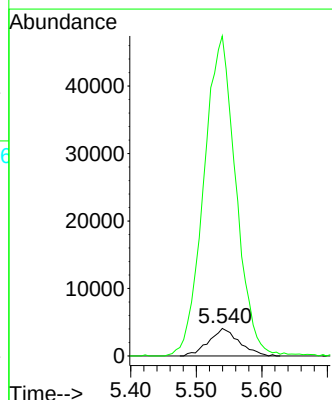
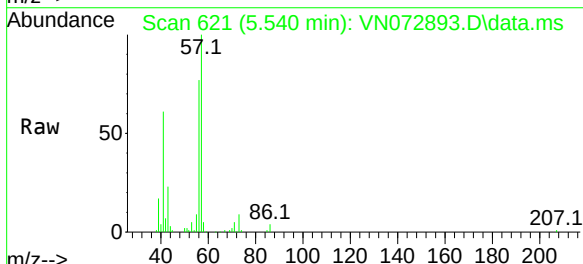
Instrument :
MSVOA_N
ClientSampleId :

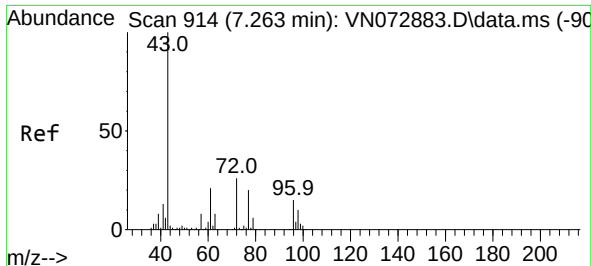
Tgt Ion: 43 Resp: 20133
Ion Ratio Lower Upper
43 100
58 37.6 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 0.406 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

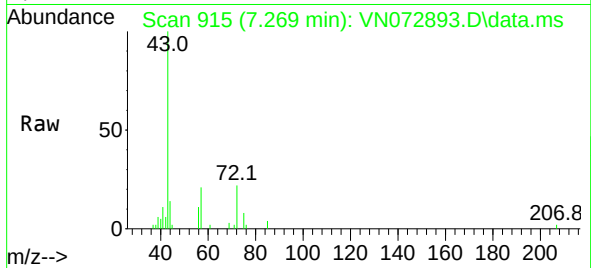
Tgt Ion: 73 Resp: 13123
Ion Ratio Lower Upper
73 100
57 1154.4 17.6 26.4#



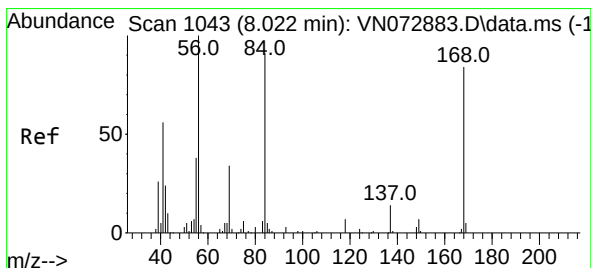
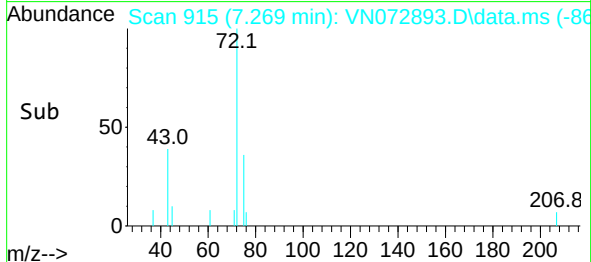
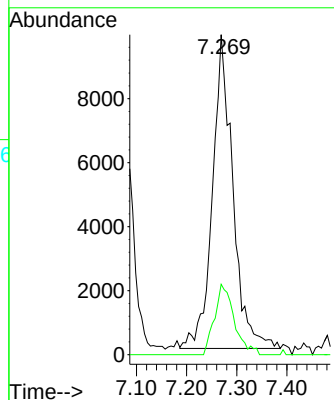


#25
2-Butanone
Concen: 2.955 ug/l
RT: 7.269 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Instrument :
MSVOA_N
ClientSampleId :

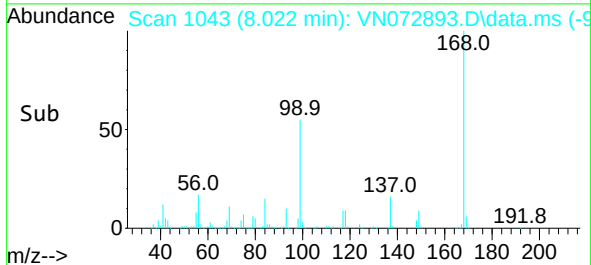
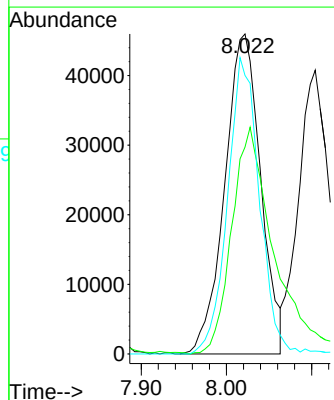
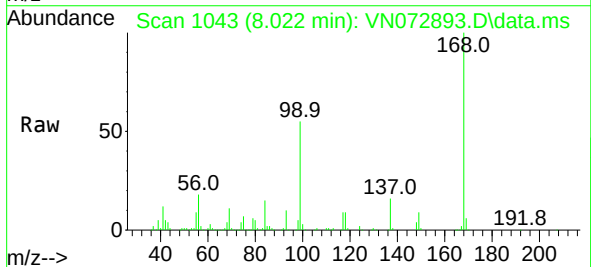


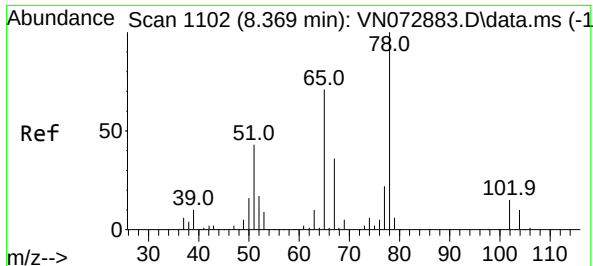
Tgt Ion: 43 Resp: 27830
Ion Ratio Lower Upper
43 100
72 22.4 23.7 35.5#



#31
Cyclohexane
Concen: 8.581 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072893.D
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Tgt Ion: 56 Resp: 134788
Ion Ratio Lower Upper
56 100
69 64.2 27.8 41.8#
84 87.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 41.910 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Instrument :

MSVOA_N

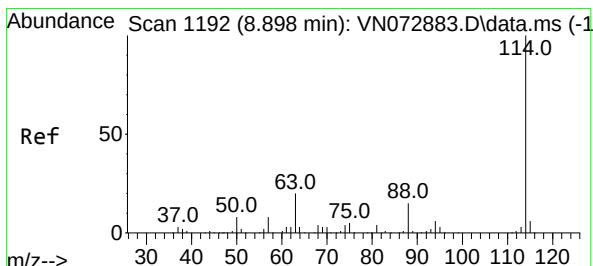
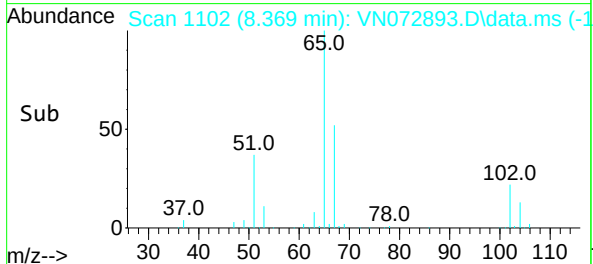
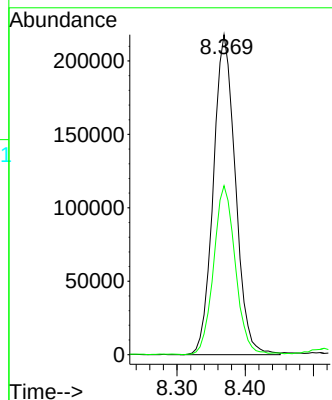
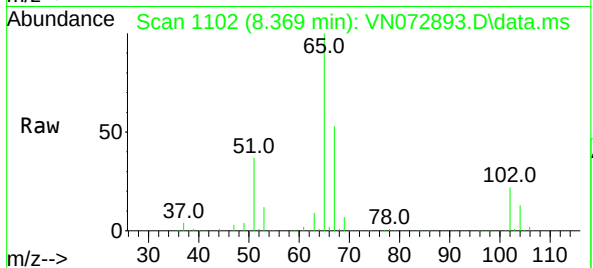
ClientSampleId :

Tgt Ion: 65 Resp: 491004

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

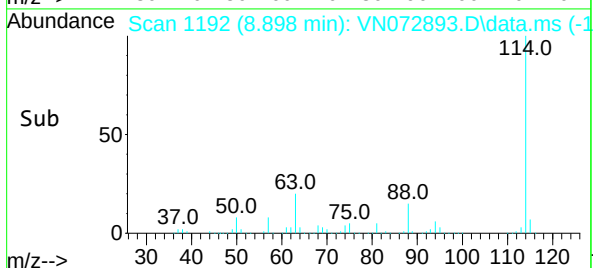
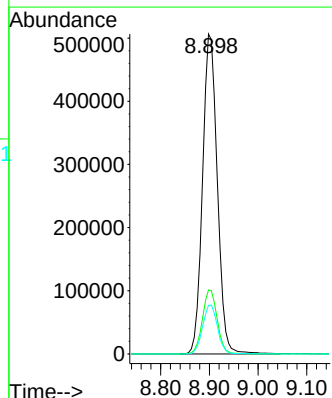
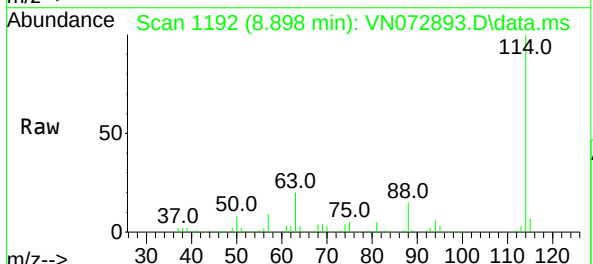
Tgt Ion: 114 Resp: 1065803

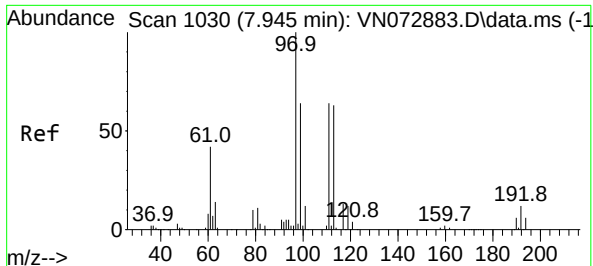
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.136 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

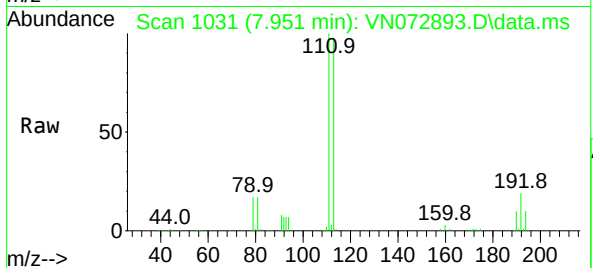
Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

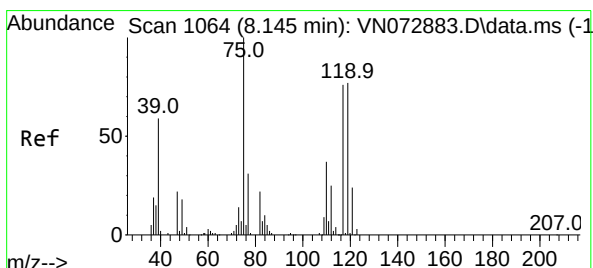
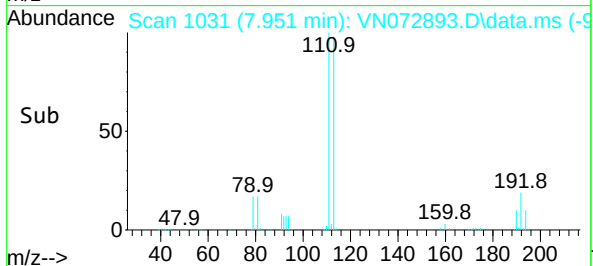
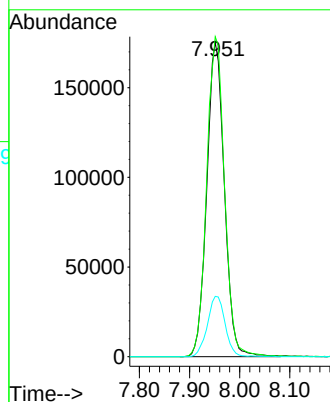
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	427294
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	19.3	17.0	25.6



#36

1,1-Dichloropropene

Concen: 3.623 ug/l

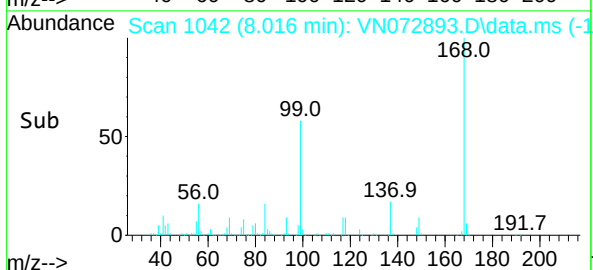
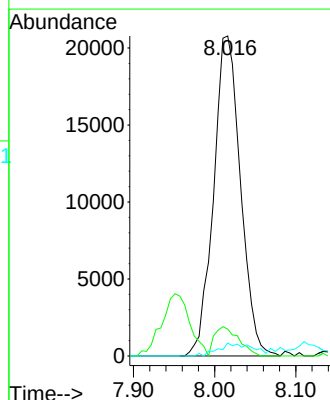
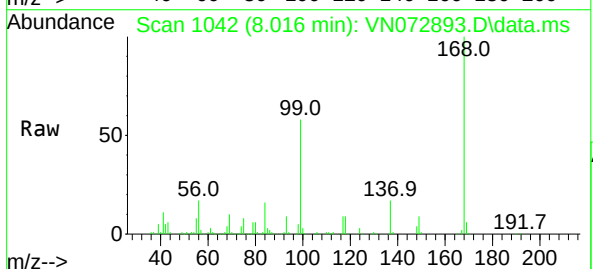
RT: 8.016 min Scan# 1042

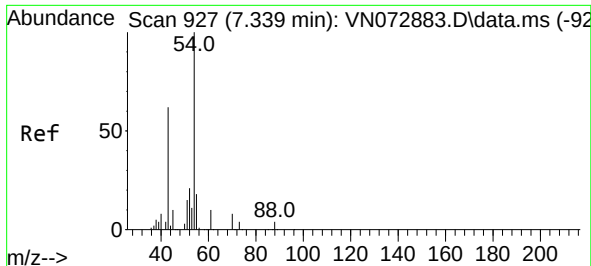
Delta R.T. -0.129 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

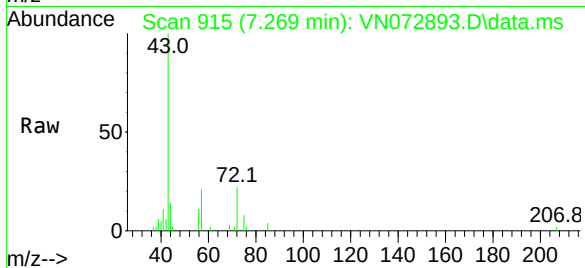
Tgt Ion:	75	Resp:	47899
Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.3	54.8#
77	5.0	25.1	37.7#



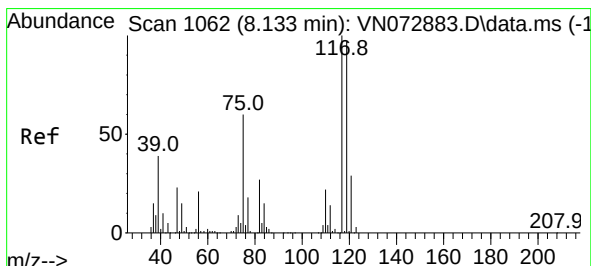
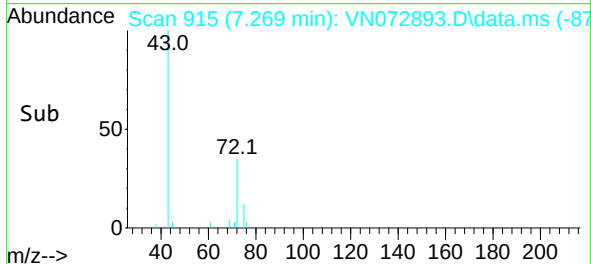
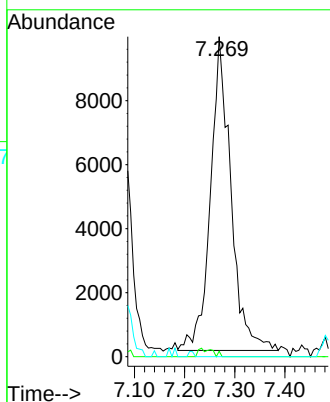


#37
Ethyl Acetate
Concen: 1.454 ug/l
RT: 7.269 min Scan# 915
Delta R.T. -0.070 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Instrument :
MSVOA_N
ClientSampleId :

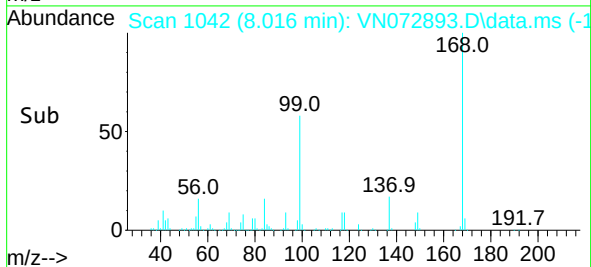
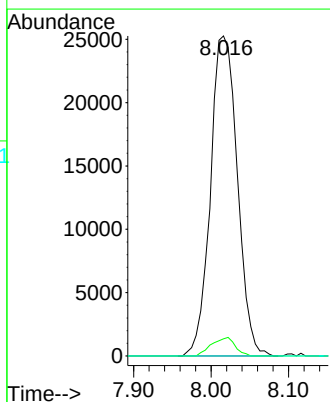
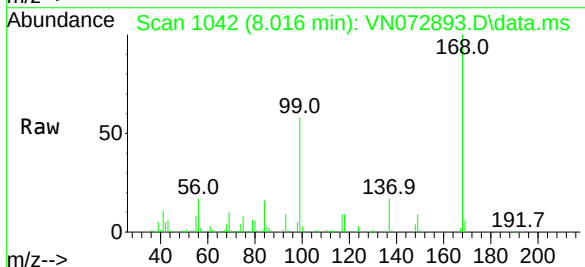


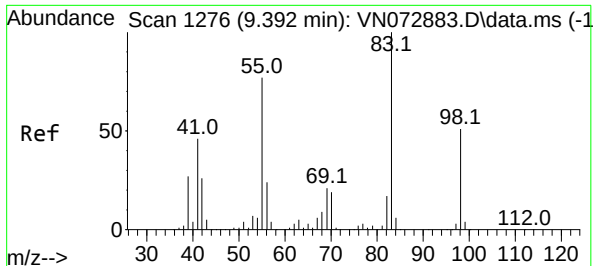
Tgt Ion: 43 Resp: 27830
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.286 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 117 Resp: 61019
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 19.217 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Instrument :

MSVOA_N

ClientSampleId :

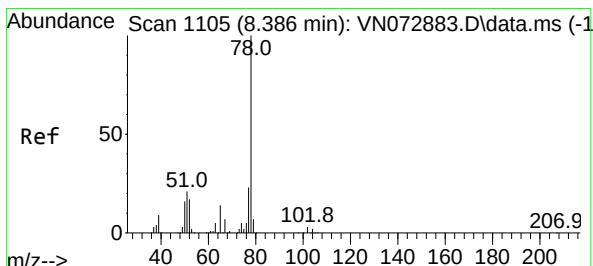
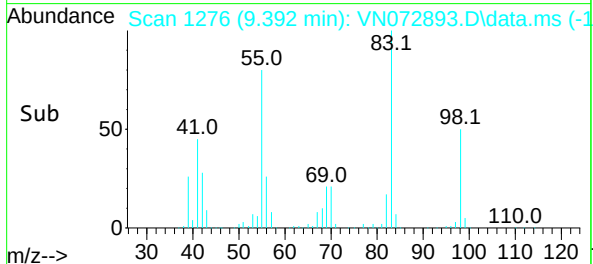
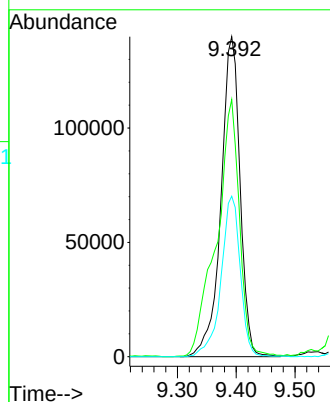
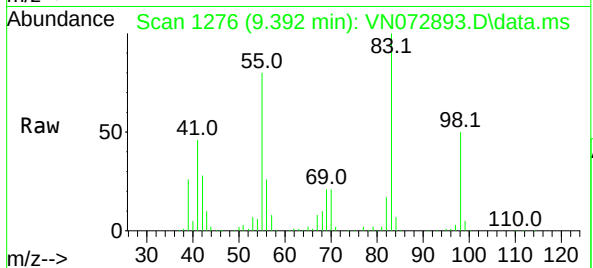
Tgt Ion: 83 Resp: 315363

Ion Ratio Lower Upper

83 100

55 80.2 57.8 86.8

98 50.2 39.4 59.2



#40

Benzene

Concen: 0.411 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN072893.D

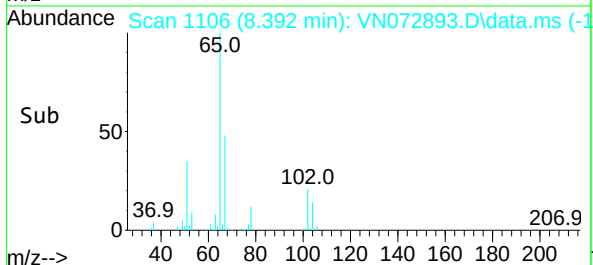
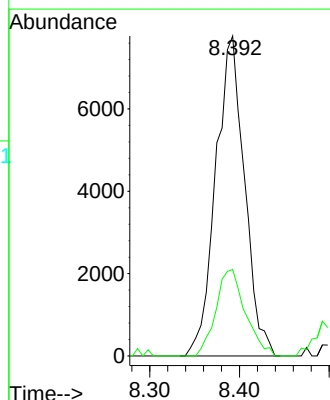
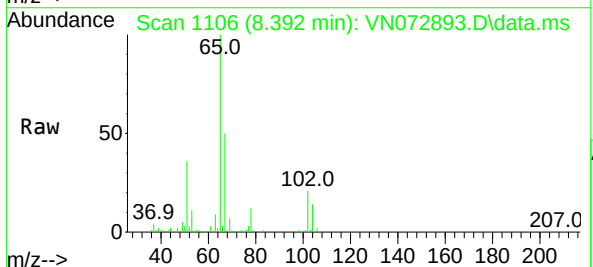
Acq: 16 Jun 2022 21:14

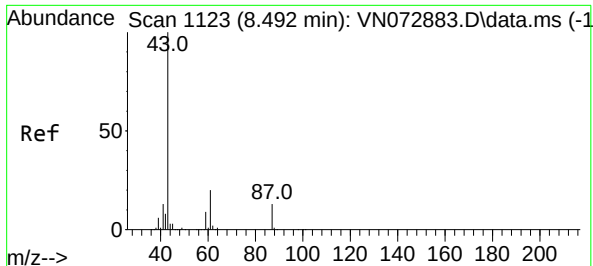
Tgt Ion: 78 Resp: 17327

Ion Ratio Lower Upper

78 100

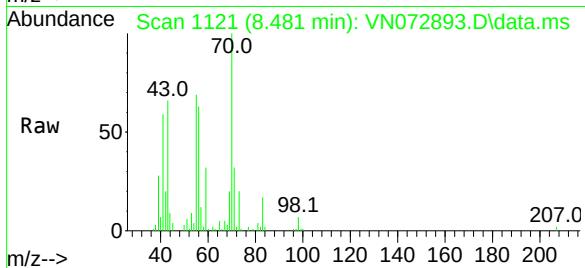
77 27.0 19.4 29.0



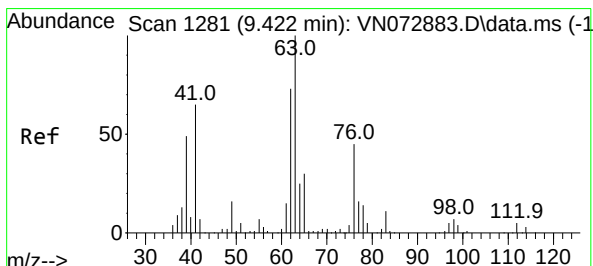
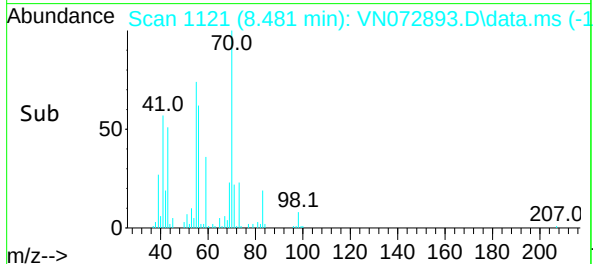
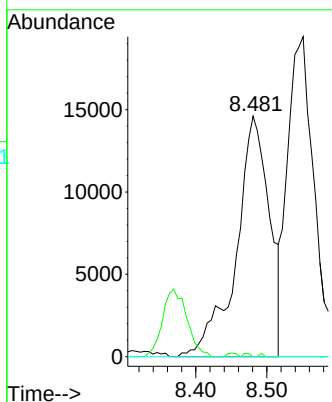


#43
Isopropyl Acetate
Concen: 1.599 ug/l
RT: 8.481 min Scan# 1123
Delta R.T. -0.012 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Instrument :
MSVOA_N
ClientSampleId :

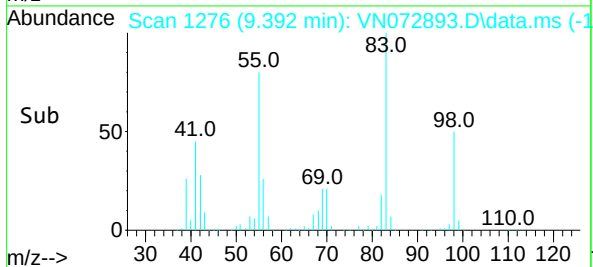
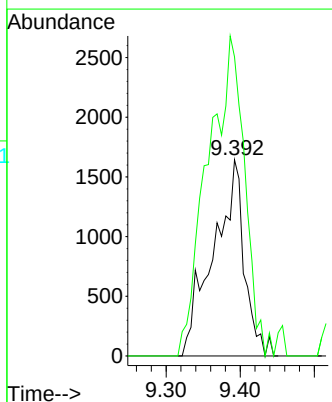
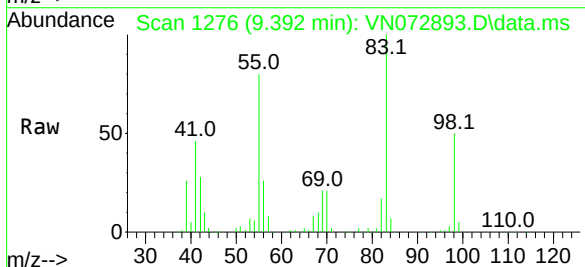


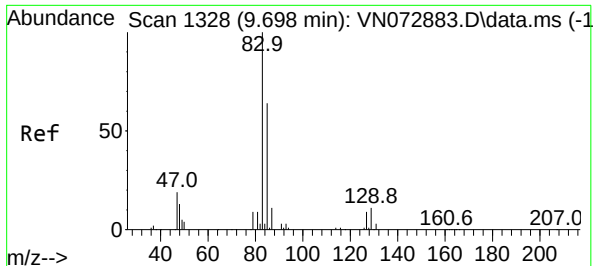
Tgt Ion: 43 Resp: 47634
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.447 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.029 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

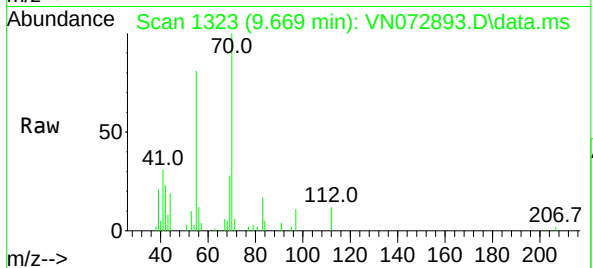
Tgt Ion: 63 Resp: 4754
Ion Ratio Lower Upper
63 100
65 152.4 24.9 37.3#



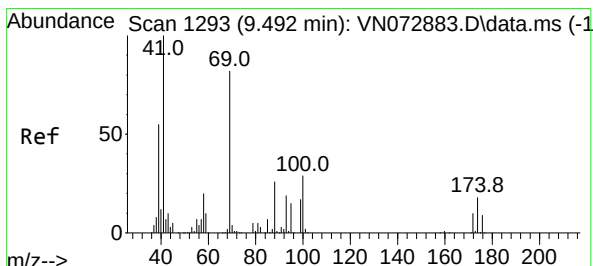
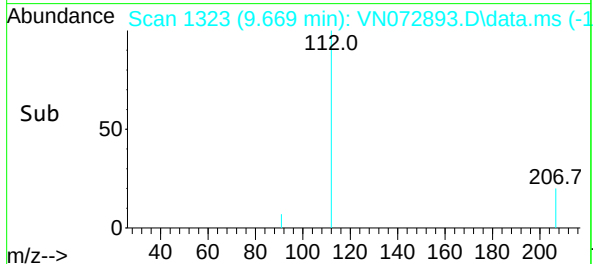
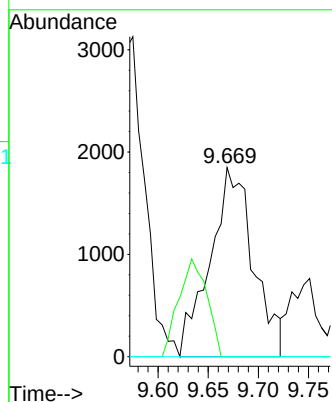


#47
Bromodichloromethane
Concen: 0.372 ug/l
RT: 9.669 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Instrument :
MSVOA_N
ClientSampleId :

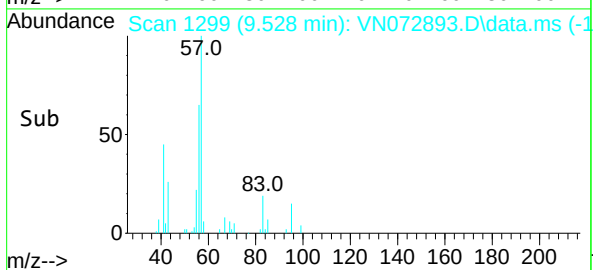
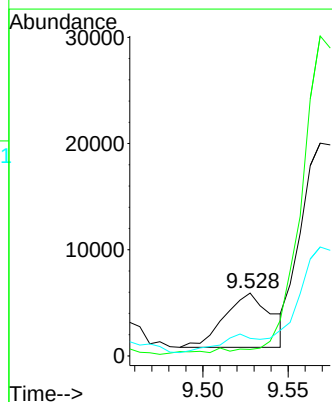
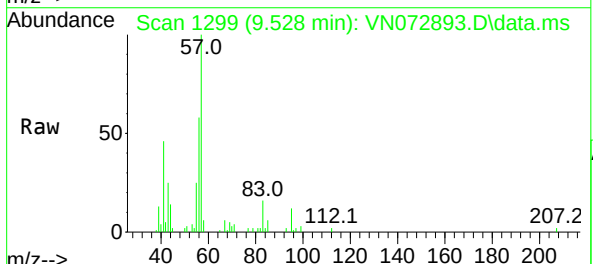


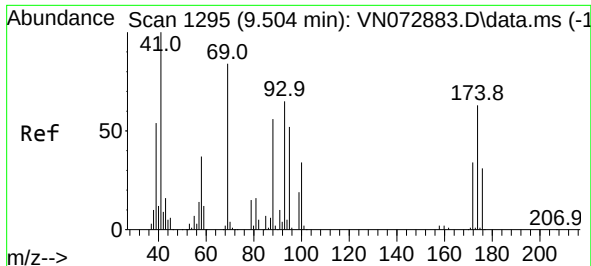
Tgt Ion: 83 Resp: 5564
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 0.717 ug/l
RT: 9.528 min Scan# 1299
Delta R.T. 0.035 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

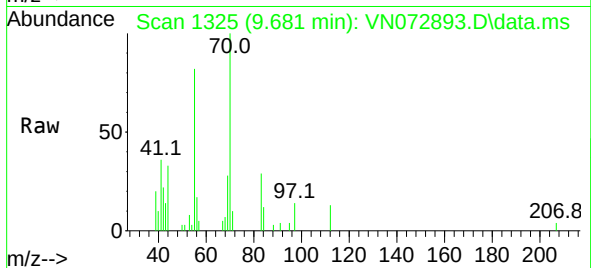
Tgt Ion: 41 Resp: 9753
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



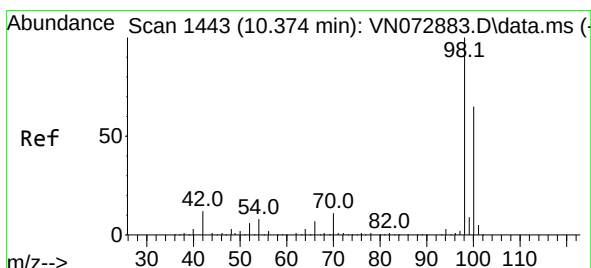
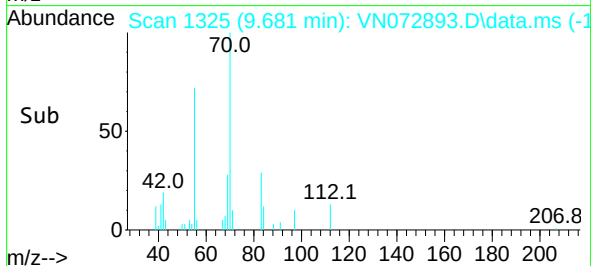
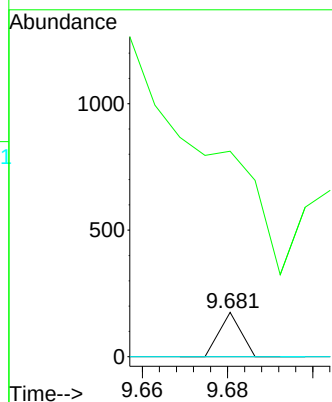


#49
1,4-Dioxane
Concen: 0.215 ug/l
RT: 9.681 min Scan# 11
Delta R.T. 0.177 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Instrument :
MSVOA_N
ClientSampleId :

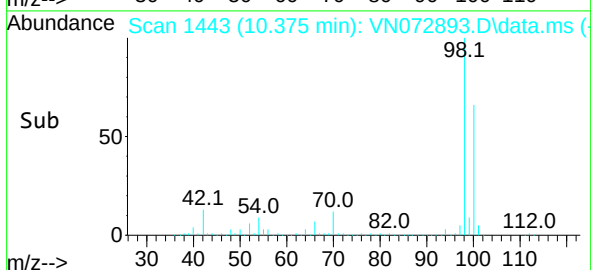
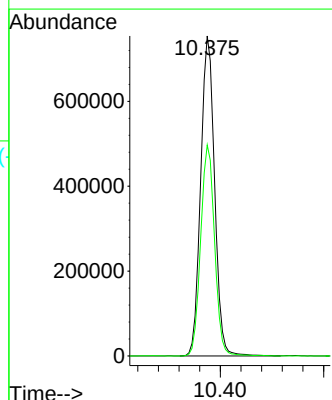
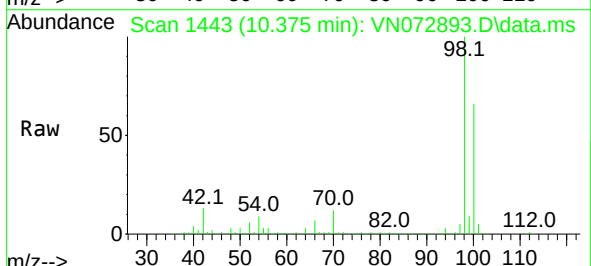


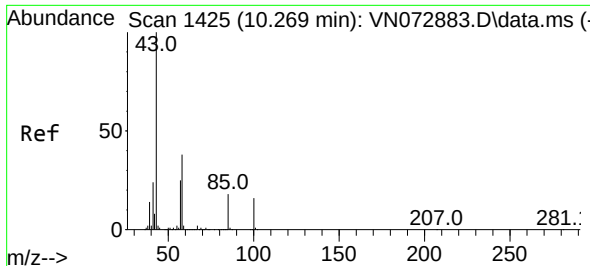
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 37.163 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 98 Resp: 1408307
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.599 ug/l

RT: 10.275 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Instrument :

MSVOA_N

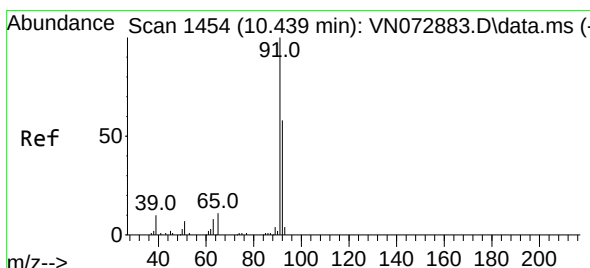
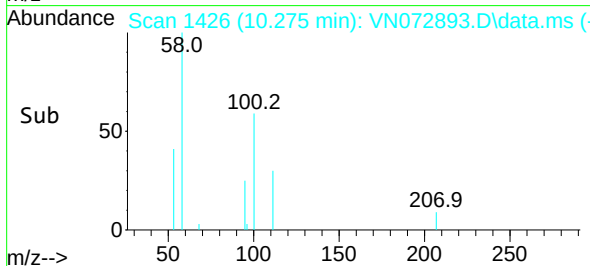
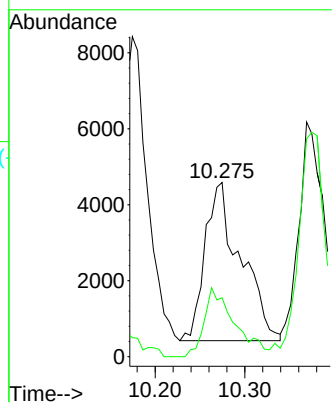
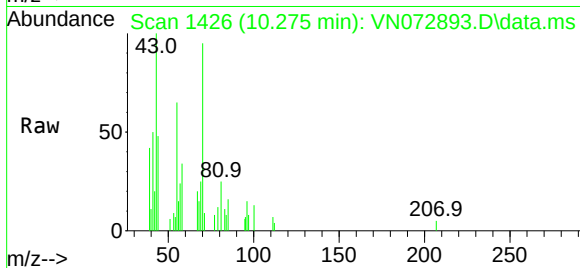
ClientSampleId :

Tgt Ion: 43 Resp: 11536

Ion Ratio Lower Upper

43 100

58 37.3 34.1 51.1



#52

Toluene

Concen: 0.356 ug/l

RT: 10.433 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VN072893.D

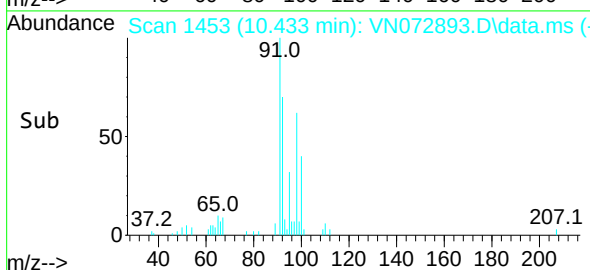
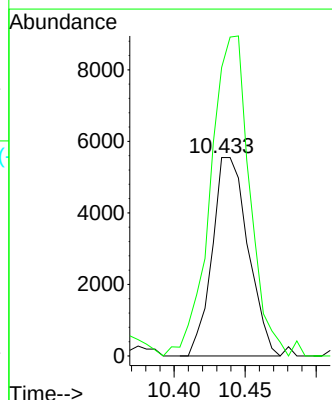
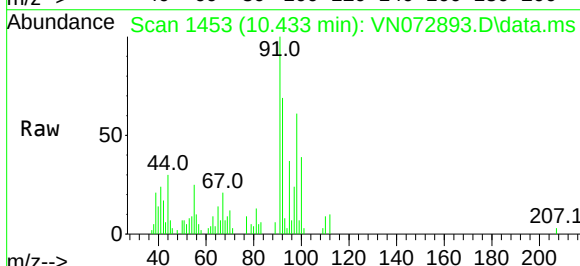
Acq: 16 Jun 2022 21:14

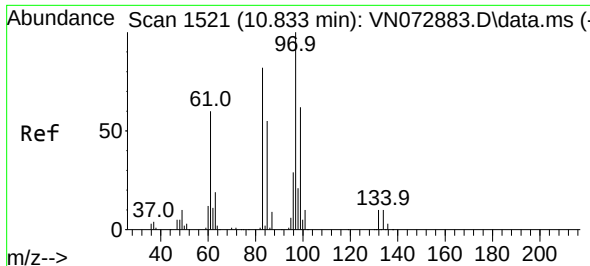
Tgt Ion: 92 Resp: 9712

Ion Ratio Lower Upper

92 100

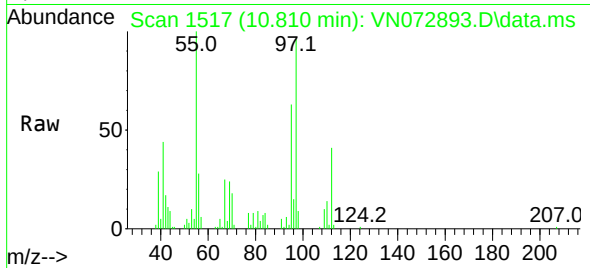
91 178.3 138.6 207.8



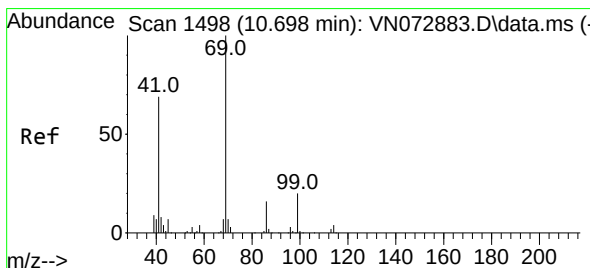
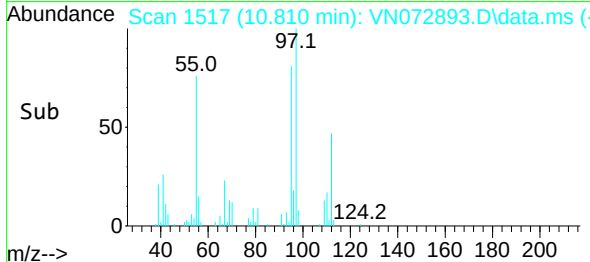
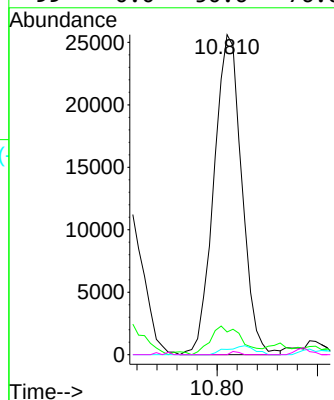


#55
1,1,2-Trichloroethane
Concen: 4.492 ug/l
RT: 10.810 min Scan# 1501
Delta R.T. -0.023 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Instrument :
MSVOA_N
ClientSampleId :

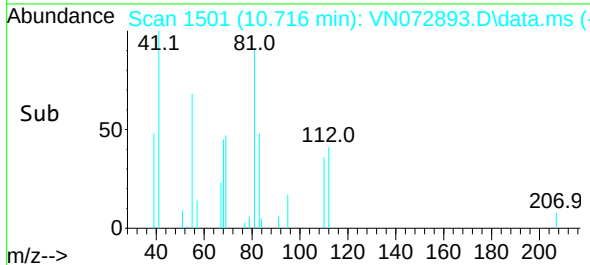
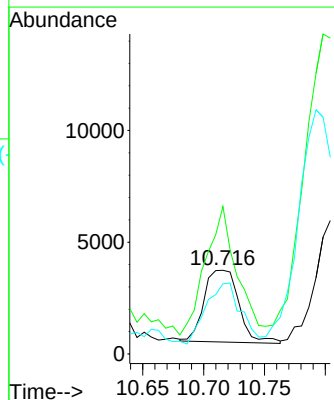
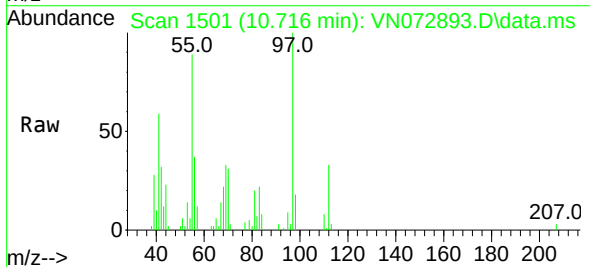


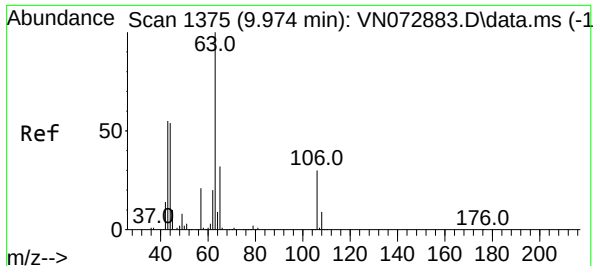
Tgt Ion	Ratio	Lower	Upper
97	100		
83	6.2	66.2	99.4#
85	1.7	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.342 ug/l
RT: 10.716 min Scan# 1501
Delta R.T. 0.018 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	161.6	47.8	71.6#
39	85.1	27.3	40.9#

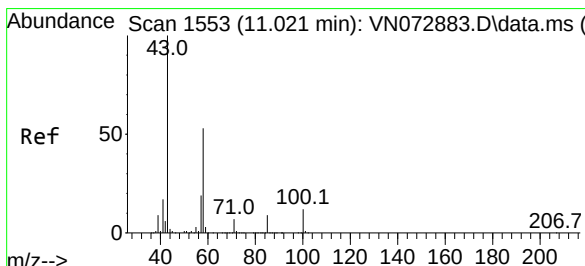
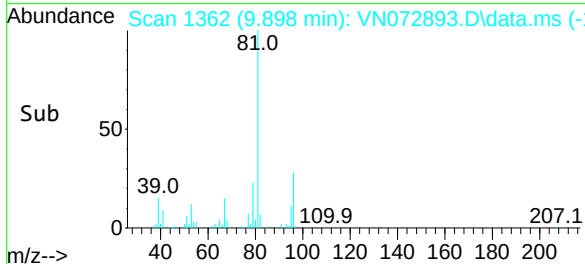
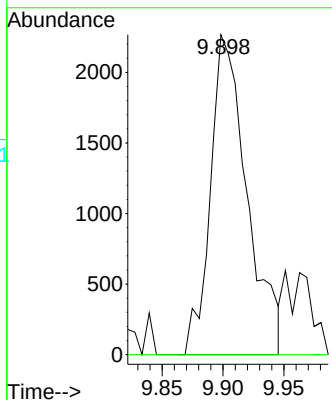
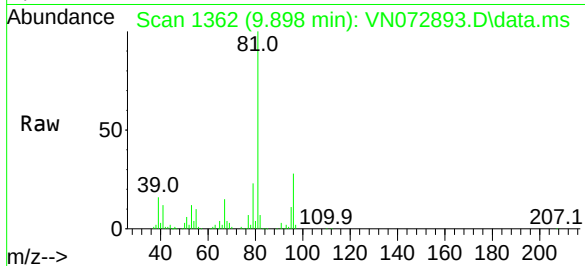




#58
2-Chloroethyl Vinyl ether
Concen: 0.718 ug/l
RT: 9.898 min Scan# 11
Delta R.T. -0.076 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

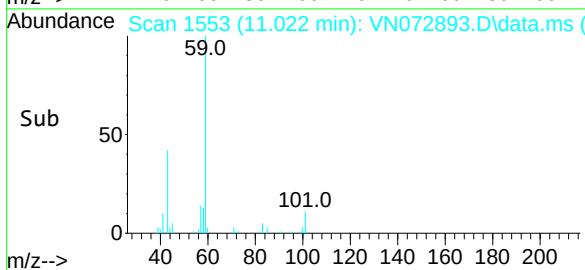
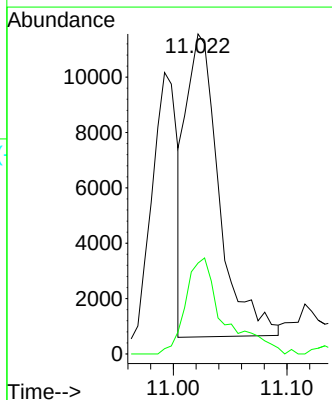
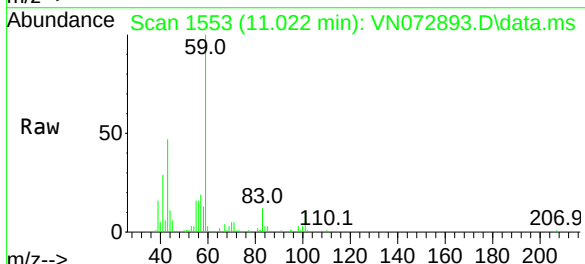
Instrument :
MSVOA_N
ClientSampleId :

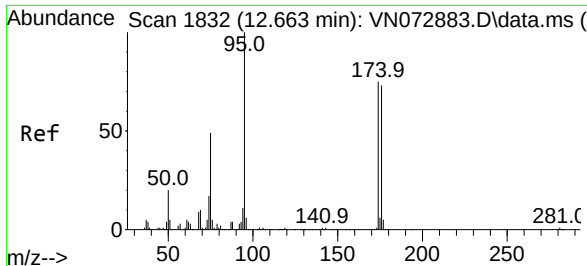
Tgt Ion: 63 Resp: 4747
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 1.565 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 43 Resp: 22384
Ion Ratio Lower Upper
43 100
58 36.1 29.7 89.1

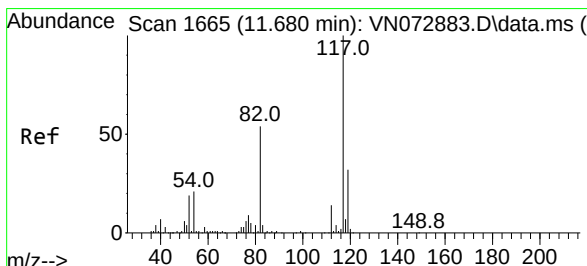
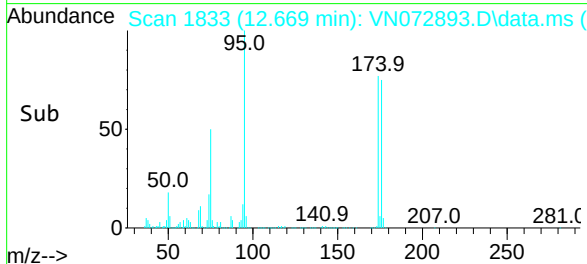
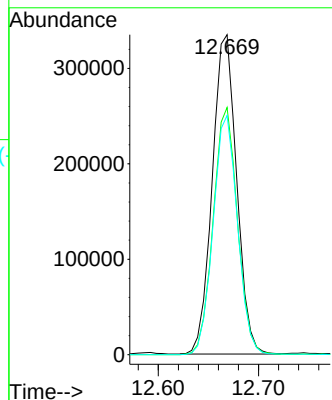
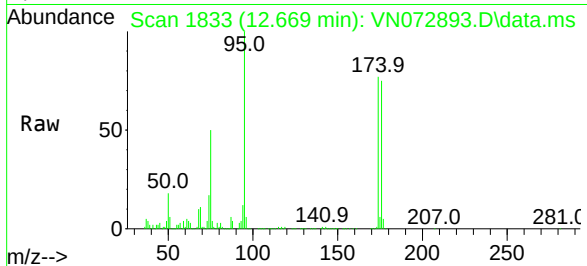




#62
4-Bromofluorobenzene
Concen: 43.045 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

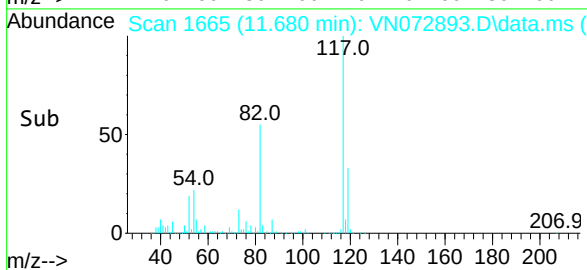
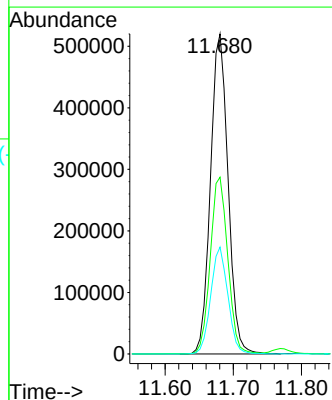
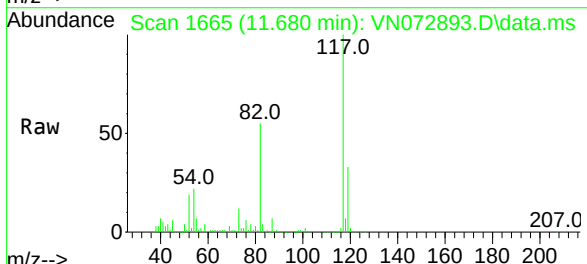
Instrument :
MSVOA_N
ClientSampleId :

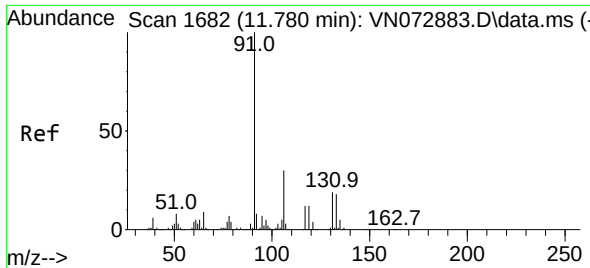
Tgt Ion: 95 Resp: 565853
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 74.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 117 Resp: 932738
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 33.4 25.4 38.0

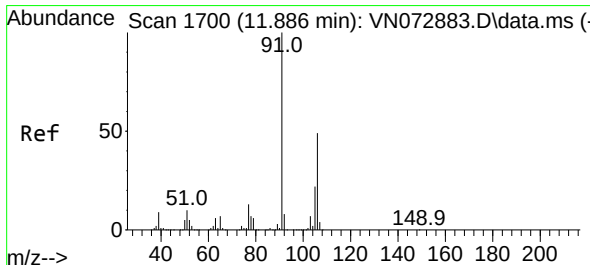
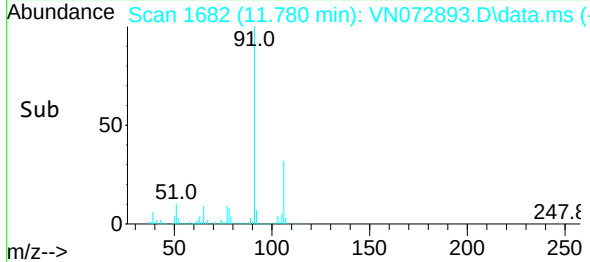
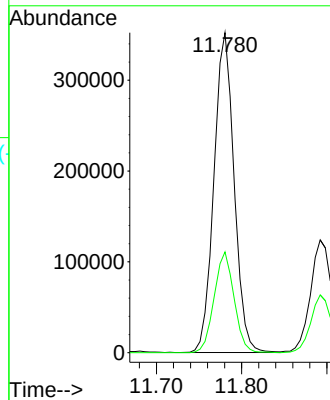
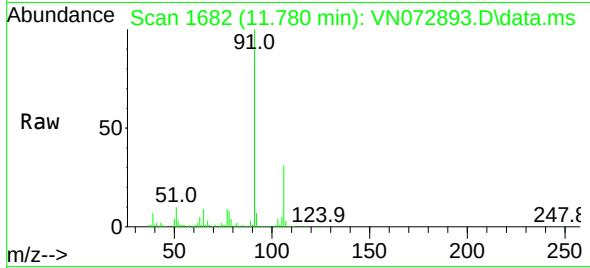




#67
Ethyl Benzene
Concen: 13.334 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

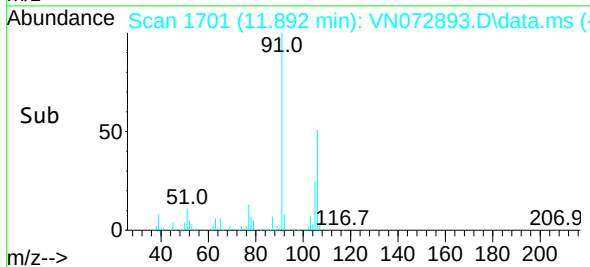
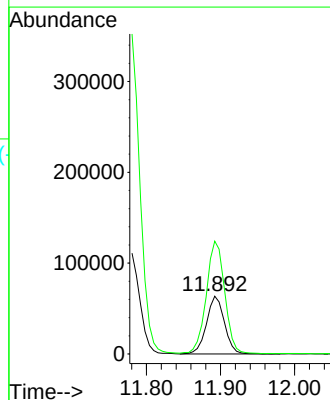
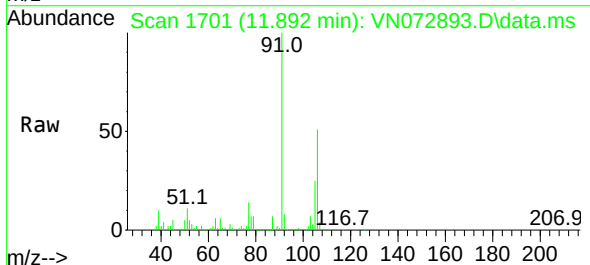
Instrument :
MSVOA_N
ClientSampleId :

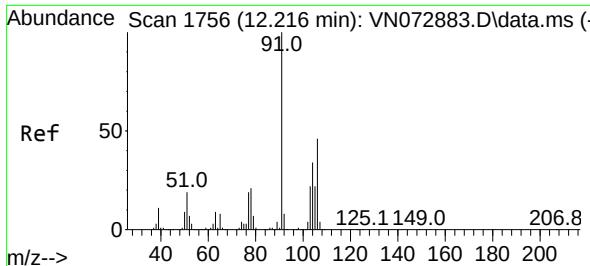
Tgt Ion: 91 Resp: 579134
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 6.399 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 106 Resp: 106725
Ion Ratio Lower Upper
106 100
91 199.8 158.9 238.3

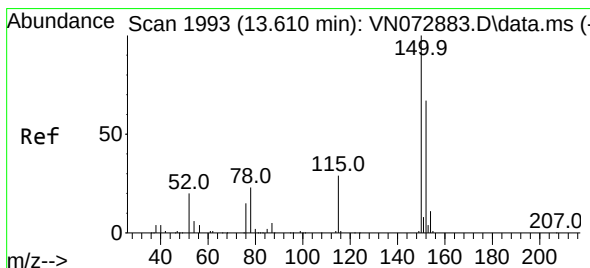
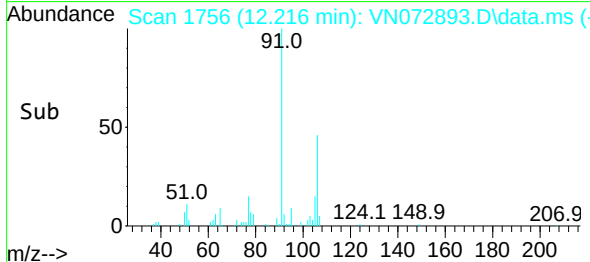
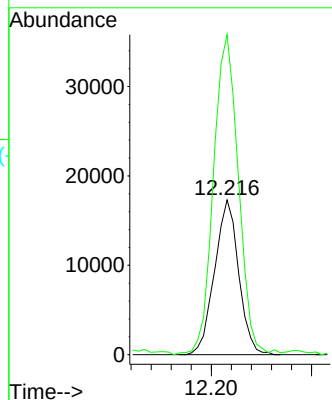
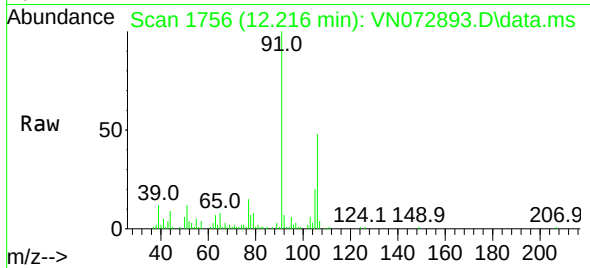




#69
o-Xylene
Concen: 1.686 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

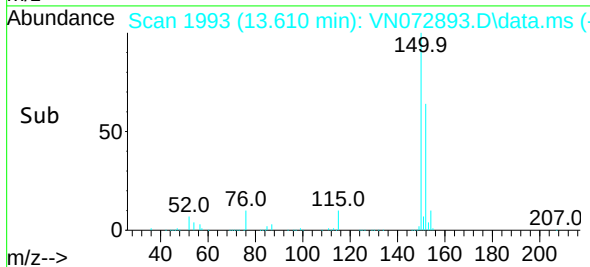
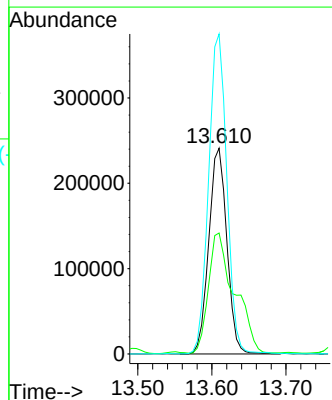
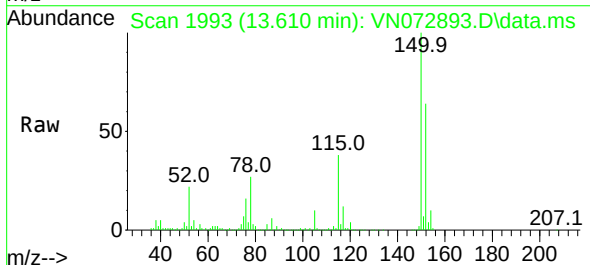
Instrument :
MSVOA_N
ClientSampleId :

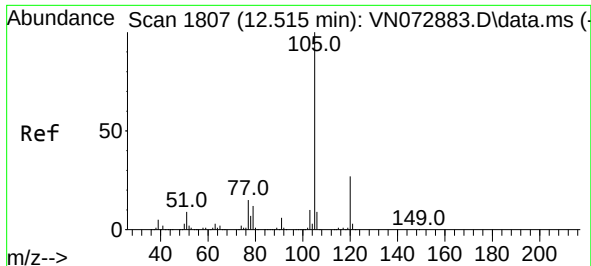
Tgt Ion:106 Resp: 28848
Ion Ratio Lower Upper
106 100
91 214.2 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion:152 Resp: 409608
Ion Ratio Lower Upper
152 100
115 83.8 28.9 86.7
150 156.4 0.0 356.2

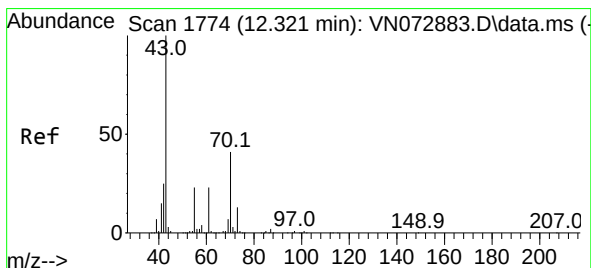
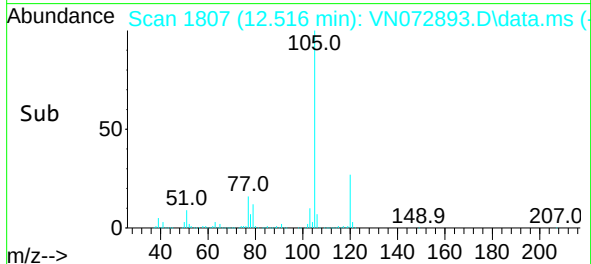
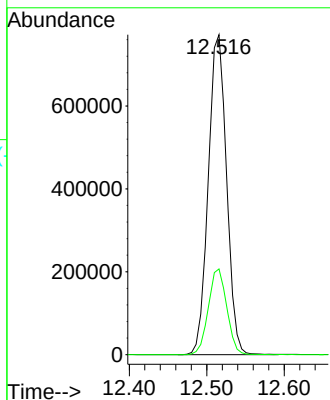
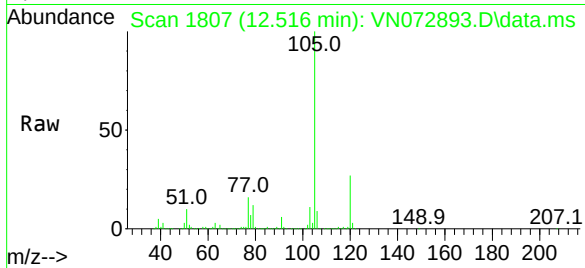




#73
Isopropylbenzene
Concen: 32.417 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

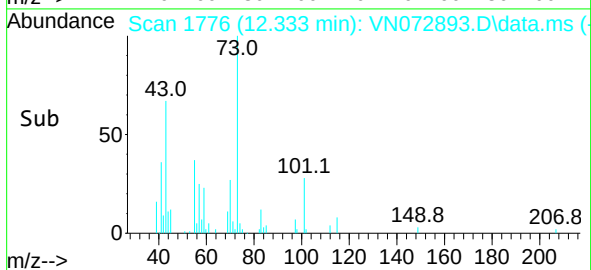
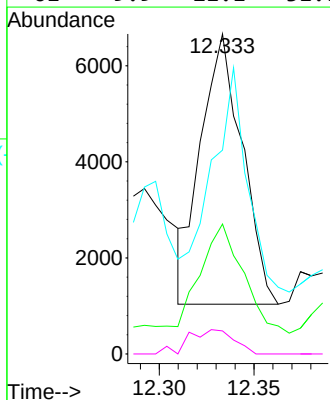
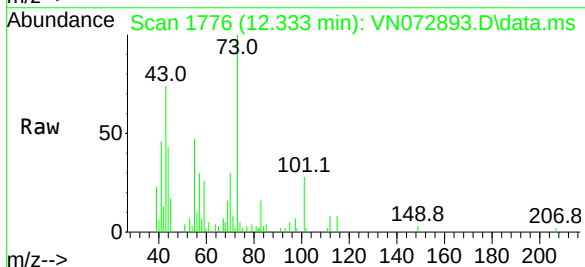
Instrument :
MSVOA_N
ClientSampleId :

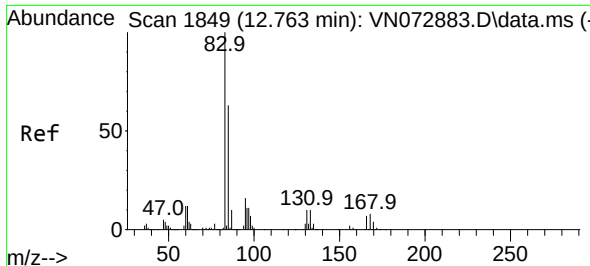
Tgt Ion:105 Resp: 1266290
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 0.509 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.012 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 43 Resp: 8554
Ion Ratio Lower Upper
43 100
70 42.7 39.0 58.4
55 70.2 21.1 31.7#
61 9.9 21.1 31.7#

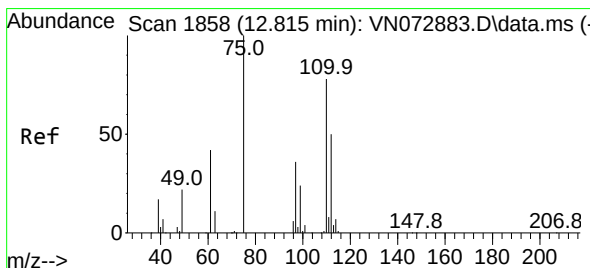
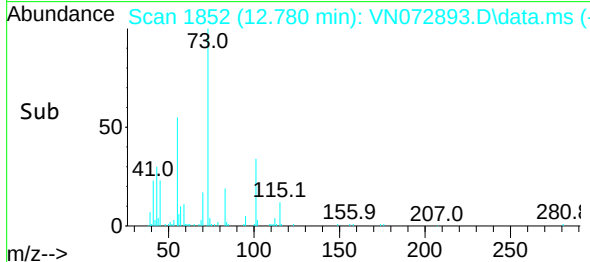
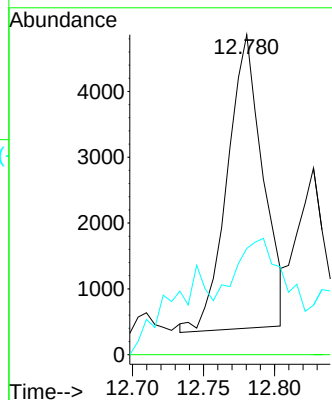
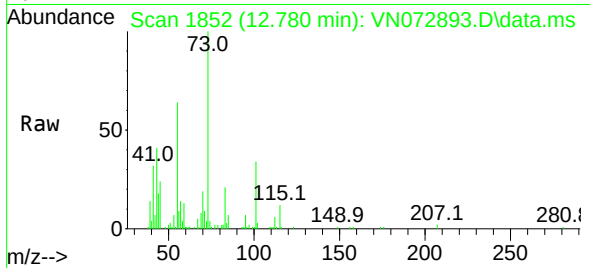




#75
1,1,2,2-Tetrachloroethane
Concen: 0.606 ug/l
RT: 12.780 min Scan# 1852
Delta R.T. 0.018 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

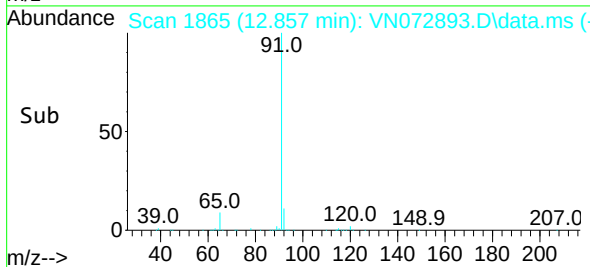
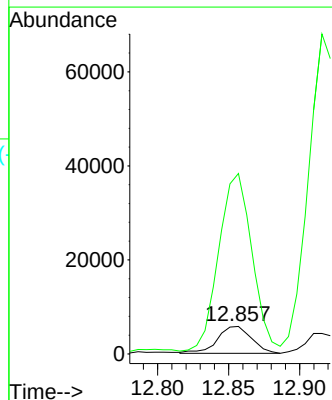
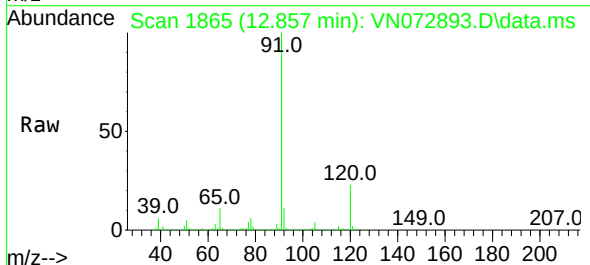
Instrument :
MSVOA_N
ClientSampleId :

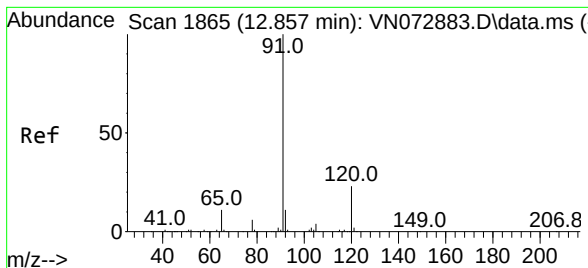
Tgt Ion: 83 Resp: 7740
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 30.7 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 0.778 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.041 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 75 Resp: 9472
Ion Ratio Lower Upper
75 100
77 649.4 98.5 295.5#





#78

n-propylbenzene

Concen: 39.285 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Instrument :

MSVOA_N

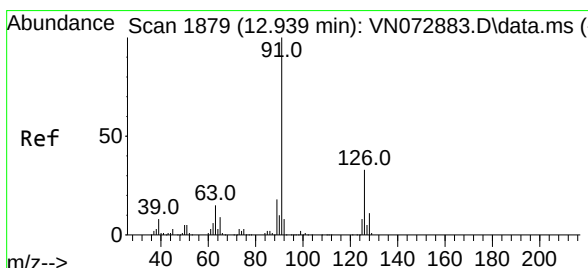
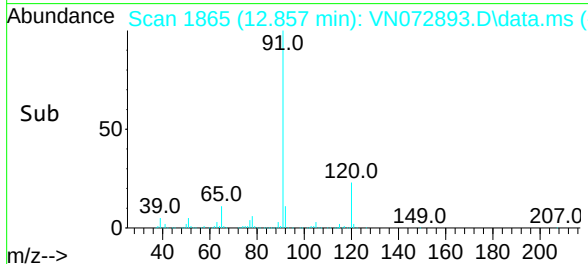
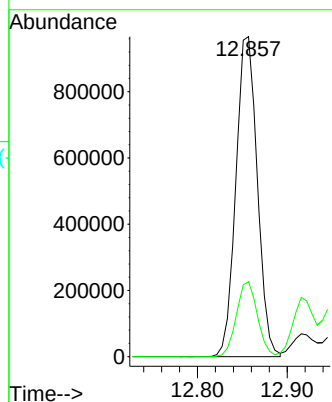
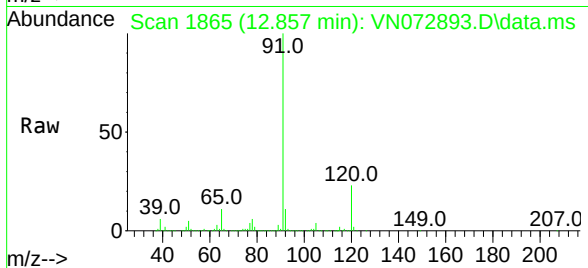
ClientSampleId :

Tgt Ion: 91 Resp: 1600439

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5



#79

2-Chlorotoluene

Concen: 2.954 ug/l

RT: 12.951 min Scan# 1881

Delta R.T. 0.012 min

Lab File: VN072893.D

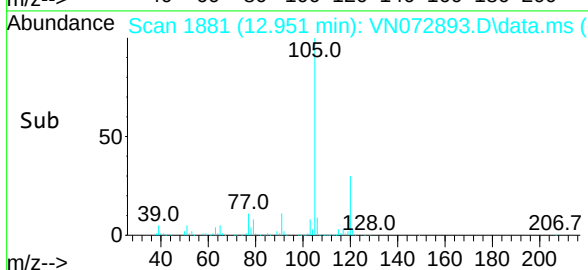
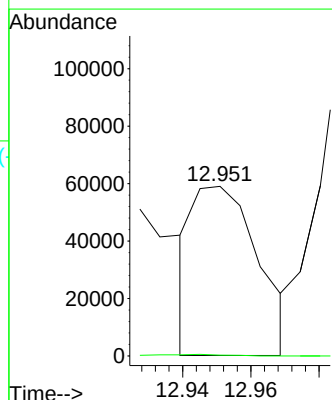
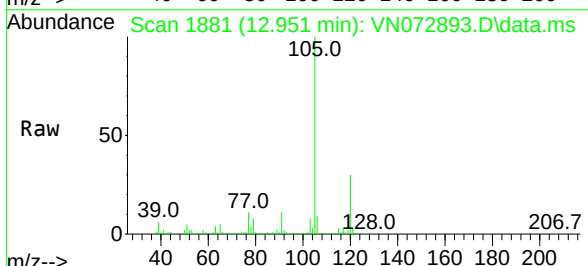
Acq: 16 Jun 2022 21:14

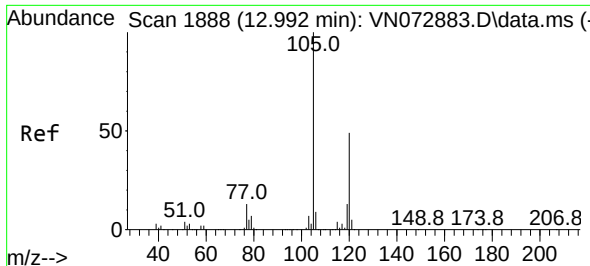
Tgt Ion: 91 Resp: 78180

Ion Ratio Lower Upper

91 100

126 1.3 17.3 51.9#

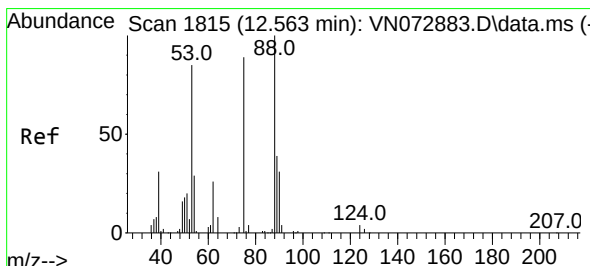
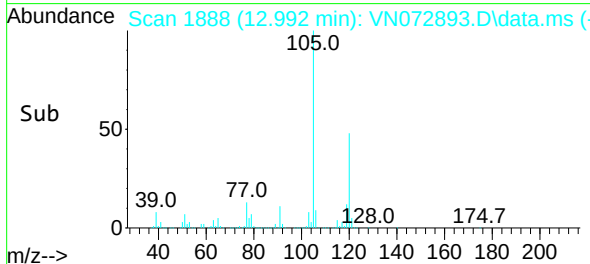
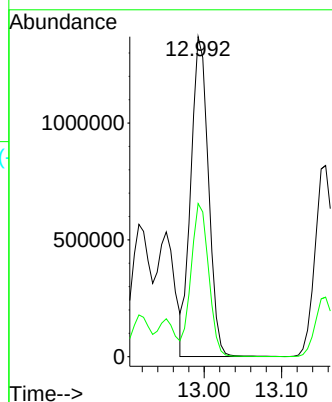
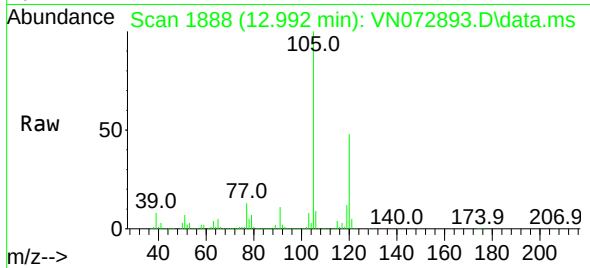




#80
 1,3,5-Trimethylbenzene
 Concen: 68.843 ug/l
 RT: 12.992 min Scan# 1888
 Delta R.T. 0.000 min
 Lab File: VN072893.D
 Acq: 16 Jun 2022 21:14

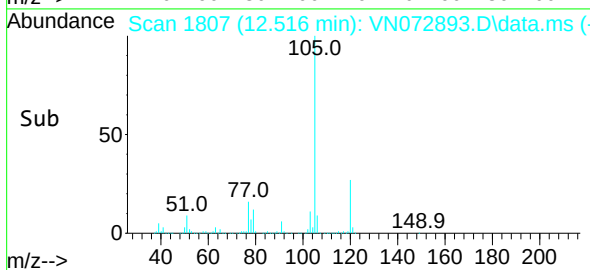
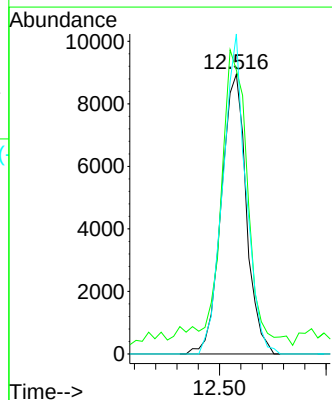
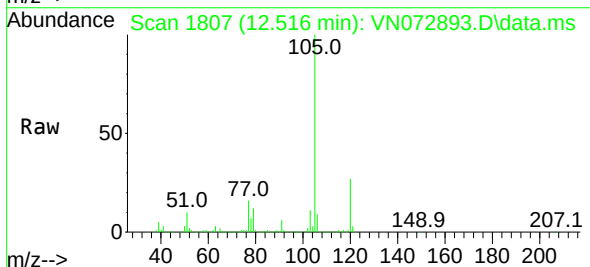
Instrument :
 MSVOA_N
 ClientSampleId :

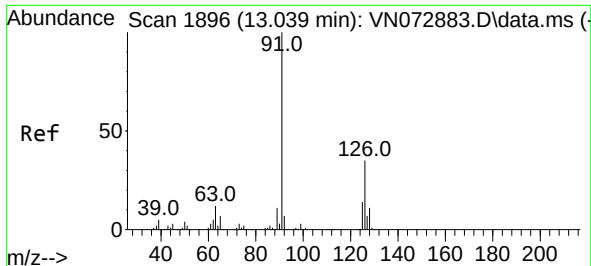
Tgt Ion:105 Resp: 2155058
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.413 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. -0.047 min
 Lab File: VN072893.D
 Acq: 16 Jun 2022 21:14

Tgt Ion: 75 Resp: 14589
 Ion Ratio Lower Upper
 75 100
 53 115.0 78.0 117.0
 89 105.9 37.2 55.8#





#82

4-Chlorotoluene

Concen: 9.546 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.047 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Instrument :

MSVOA_N

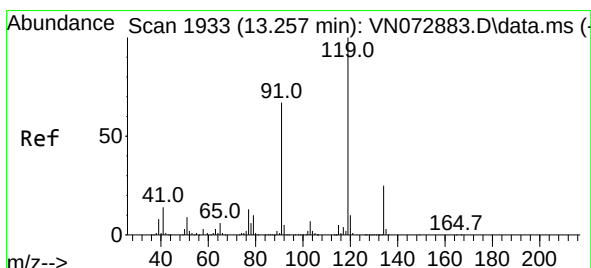
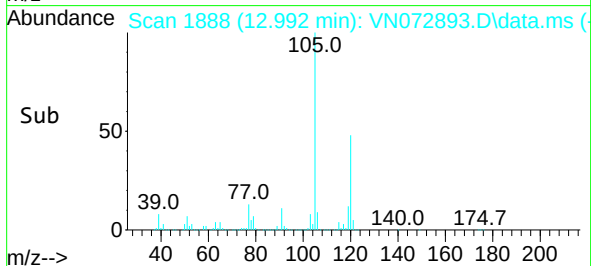
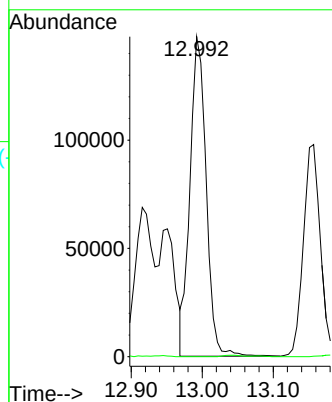
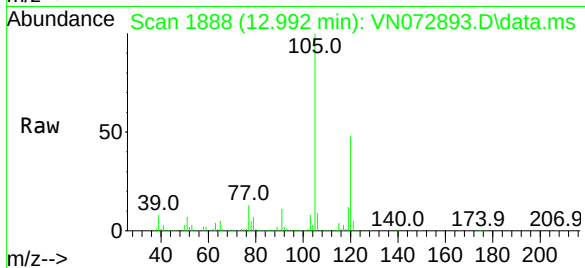
ClientSampleId :

Tgt Ion: 91 Resp: 233598

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#83

tert-Butylbenzene

Concen: 22.702 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.047 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

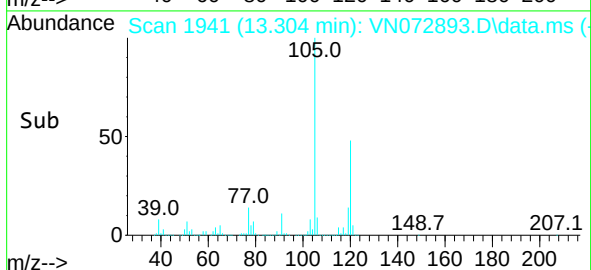
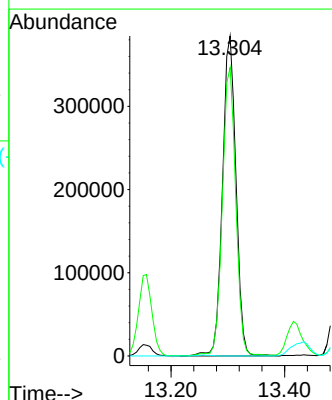
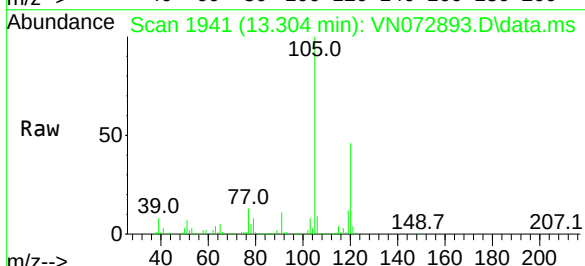
Tgt Ion: 119 Resp: 636103

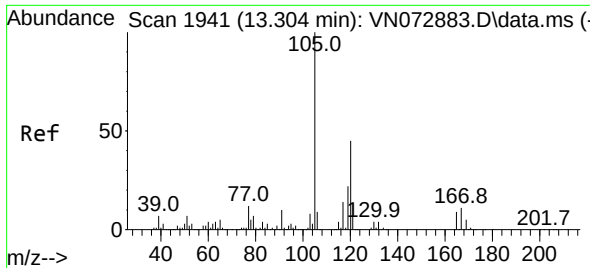
Ion Ratio Lower Upper

119 100

91 89.4 31.6 94.8

134 0.0 13.7 41.1#

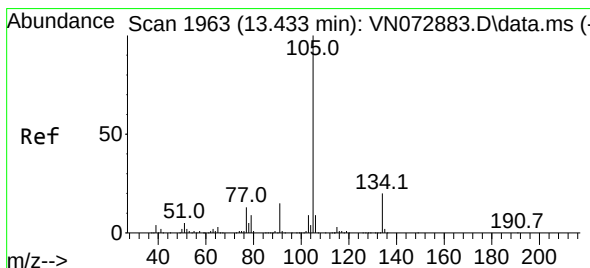
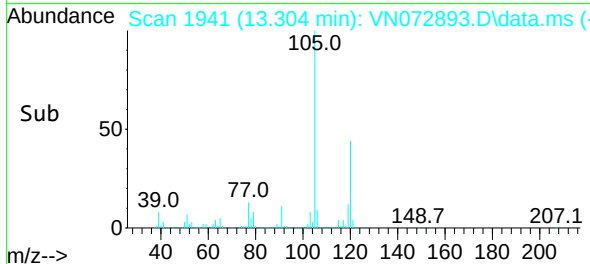
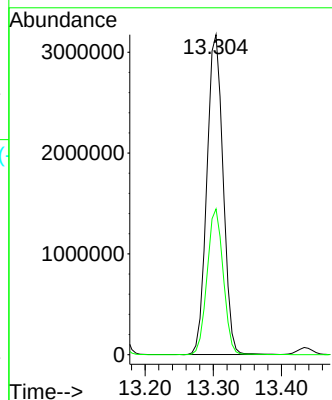
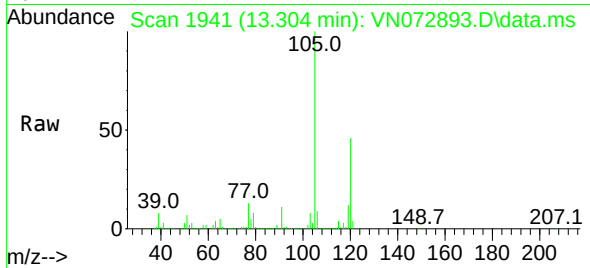




#84
 1,2,4-Trimethylbenzene
 Concen: 174.401 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN072893.D
 Acq: 16 Jun 2022 21:14

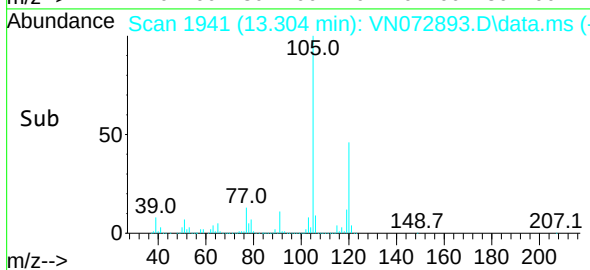
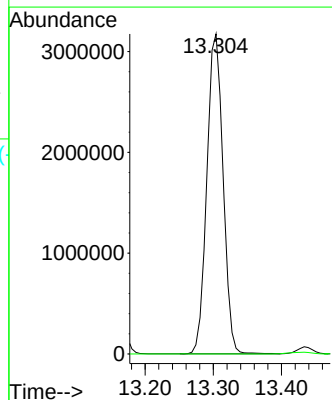
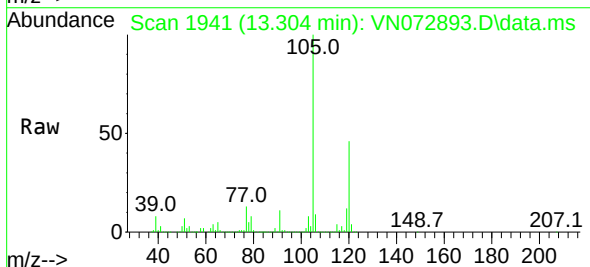
Instrument :
 MSVOA_N
 ClientSampleId :

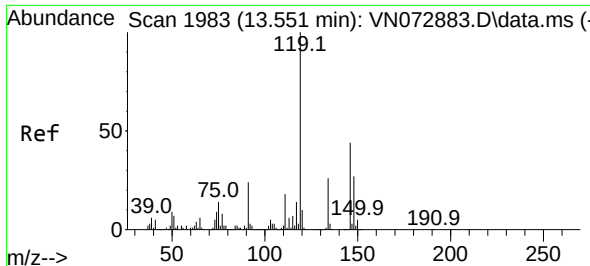
Tgt Ion:105 Resp: 5248652
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 144.490 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.129 min
 Lab File: VN072893.D
 Acq: 16 Jun 2022 21:14

Tgt Ion:105 Resp: 5248652
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

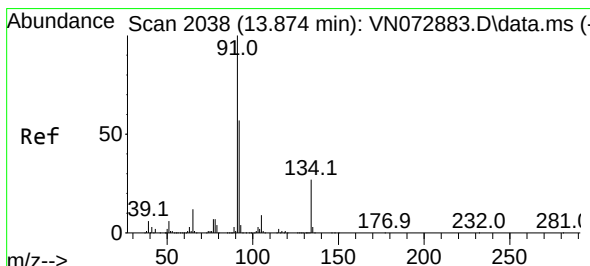
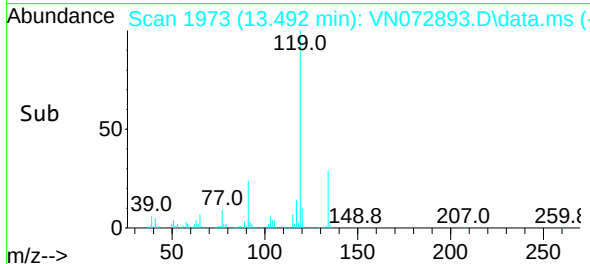
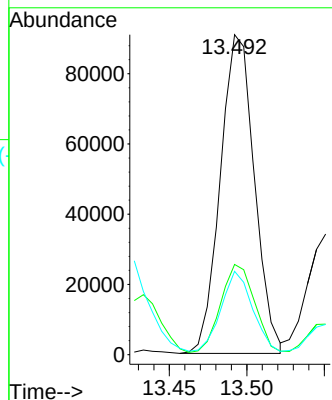
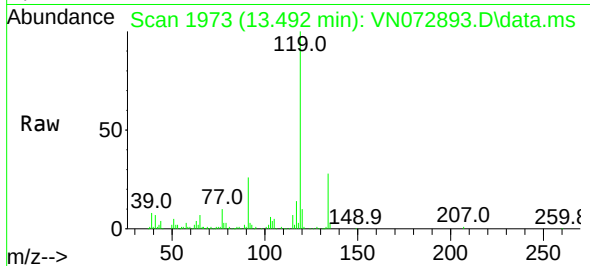




#86
p-Isopropyltoluene
Concen: 4.739 ug/l
RT: 13.492 min Scan# 1983
Delta R.T. -0.059 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

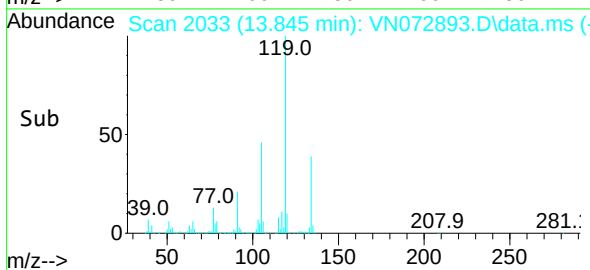
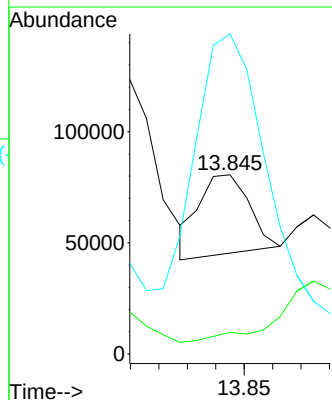
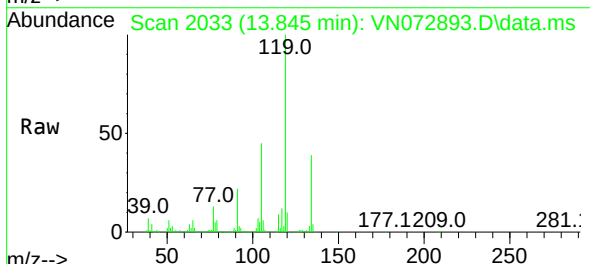
Instrument :
MSVOA_N
ClientSampleId :

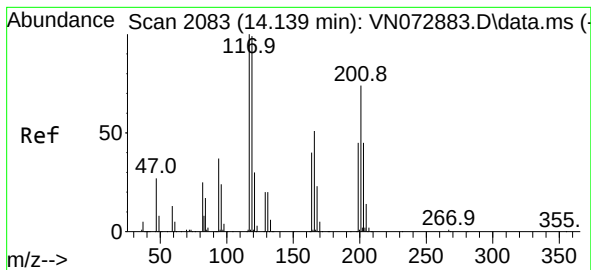
Tgt Ion:119 Resp: 138942
Ion Ratio Lower Upper
119 100
134 28.8 13.3 39.8
91 22.7 11.3 33.9



#89
n-Butylbenzene
Concen: 1.958 ug/l
RT: 13.845 min Scan# 2033
Delta R.T. -0.029 min
Lab File: VN072893.D
Acq: 16 Jun 2022 21:14

Tgt Ion: 91 Resp: 44131
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 659.3 13.6 40.8#





#90

Hexachloroethane

Concen: 17.828 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.012 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Instrument :

MSVOA_N

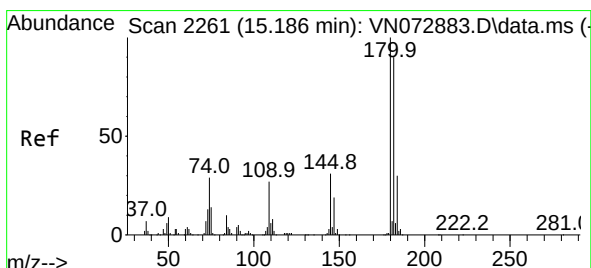
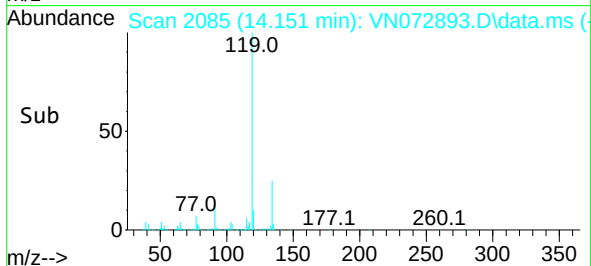
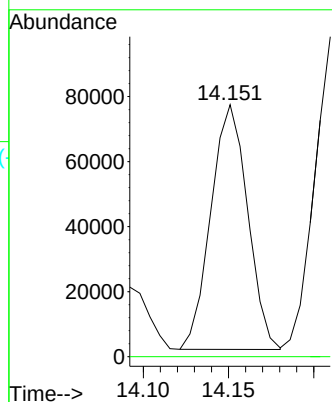
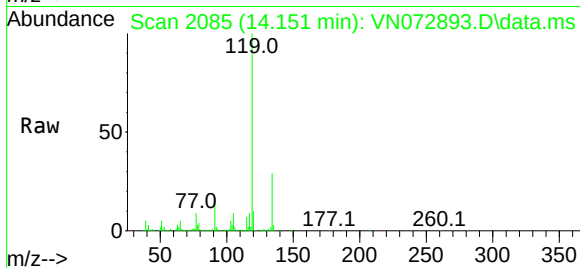
ClientSampleId :

Tgt Ion:117 Resp: 113005

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#



#93

1,2,4-Trichlorobenzene

Concen: 0.567 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. 0.006 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

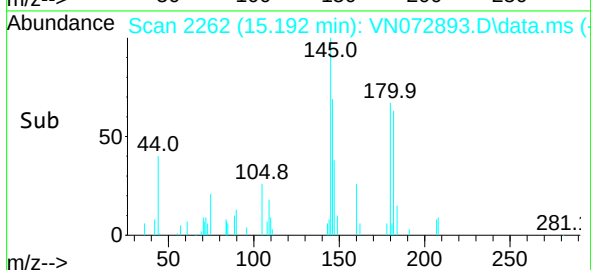
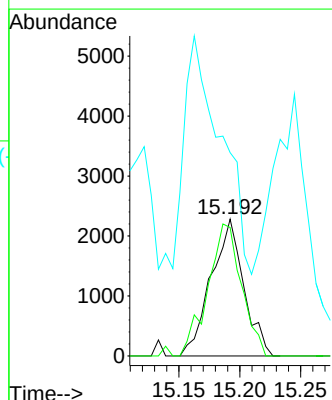
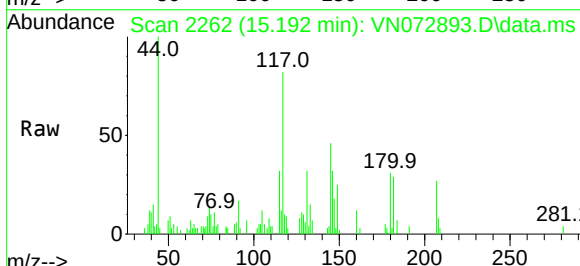
Tgt Ion:180 Resp: 4258

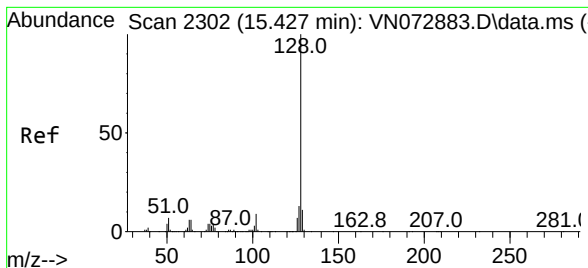
Ion Ratio Lower Upper

180 100

182 99.2 47.5 142.5

145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 17.653 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Instrument :

MSVOA_N

ClientSampleId :

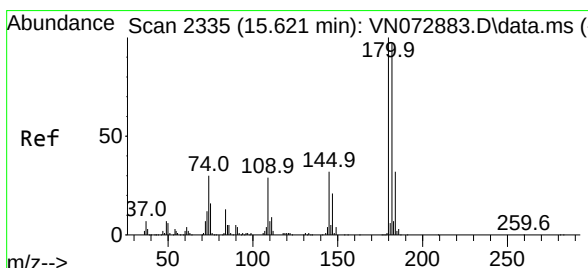
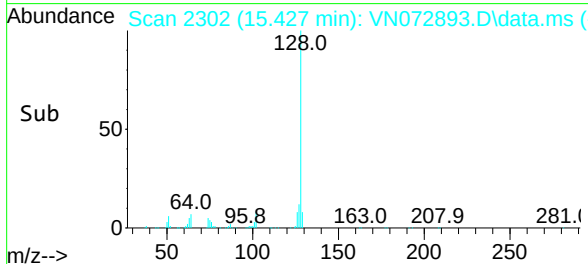
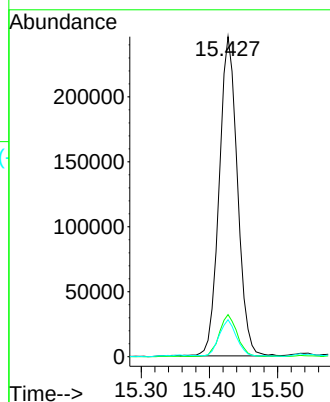
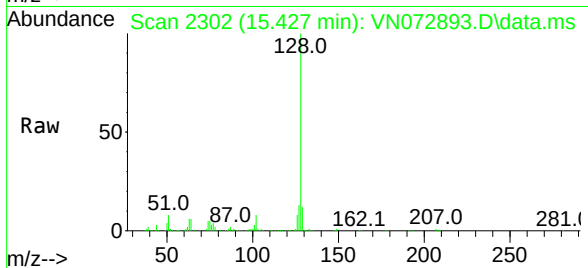
Tgt Ion:128 Resp: 458123

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.733 ug/l

RT: 15.615 min Scan# 2334

Delta R.T. -0.006 min

Lab File: VN072893.D

Acq: 16 Jun 2022 21:14

Tgt Ion:180 Resp: 5473

Ion Ratio Lower Upper

180 100

182 90.3 47.8 143.3

145 0.0 15.5 46.5#

