

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072761.D
 Acq On : 10 Jun 2022 13:44
 Operator : JC\MD
 Sample : N3280-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 21ST-CASING-4

Quant Time: Jun 11 01:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	158832	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	318298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	283388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	111486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	259293	60.825	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.640%			
35) Dibromofluoromethane	8.016	113	185193	58.801	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.600%			
50) Toluene-d8	10.439	98	617753	49.161	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.727	95	231267	53.634	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.260%			
Target Compounds						
						Qvalue
5) Bromomethane	2.851	94	502	Below Cal	#	54
6) Chloroethane	3.004	64	572	Below Cal	#	42
11) Tert butyl alcohol	5.375	59	872	0.857	ug/l #	72
13) Acrolein	4.046	56	171	0.407	ug/l #	54
15) Acrylonitrile	5.569	53	834	0.387	ug/l #	25
16) Acetone	4.287	43	56459	27.640	ug/l	94
17) Carbon Disulfide	4.534	76	3464	0.934	ug/l #	75
18) Methyl Acetate	4.851	43	1688	0.318	ug/l #	48
25) 2-Butanone	7.339	43	61308	18.658	ug/l	95
29) Tetrahydrofuran	7.686	42	732	0.361	ug/l #	57
31) Cyclohexane	8.081	56	5540	0.524	ug/l #	57
36) 1,1-Dichloropropene	8.081	75	17611	4.028	ug/l #	47
37) Ethyl Acetate	7.339	43	61308	9.027	ug/l #	67
38) Carbon Tetrachloride	8.086	117	20489	4.386	ug/l #	15
48) Methyl methacrylate	9.528	41	9653	1.929	ug/l #	39
49) 1,4-Dioxane	9.569	88	61	0.667	ug/l #	25
51) 4-Methyl-2-Pentanone	10.327	43	6089	0.884	ug/l	93
52) Toluene	10.504	92	22181	2.678	ug/l	96
59) 2-Hexanone	11.080	43	7181	1.418	ug/l	82
67) Ethyl Benzene	11.845	91	52207	3.677	ug/l	91
68) m/p-Xylenes	11.951	106	103264	20.465	ug/l	82
69) o-Xylene	12.274	106	90469	17.836	ug/l	91
70) Styrene	12.274	104	5124	0.643	ug/l #	1
71) Bromoform	12.727	173	1269	0.601	ug/l #	1
73) Isopropylbenzene	12.574	105	14976	1.252	ug/l	98
74) N-amyl acetate	12.351	43	14994	2.698	ug/l #	44
76) 1,2,3-Trichloropropane	12.727	75	138027	38.367	ug/l #	1
78) n-propylbenzene	12.916	91	47228	3.617	ug/l	95
79) 2-Chlorotoluene	12.980	91	47743	5.829	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	155307	16.391	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.727	75	138027	100.339	ug/l #	10
82) 4-Chlorotoluene	13.057	91	18079	2.390	ug/l #	40
83) tert-Butylbenzene	13.363	119	76855	9.235	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.363	105	672064	74.128	ug/l	96
85) sec-Butylbenzene	13.363	105	672064	59.848	ug/l #	56
86) p-Isopropyltoluene	13.610	119	12871	1.457	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072761.D
 Acq On : 10 Jun 2022 13:44
 Operator : JC\MD
 Sample : N3280-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 21ST-CASING-4

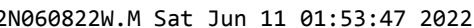
Quant Time: Jun 11 01:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

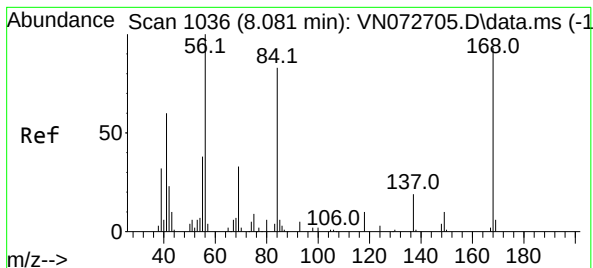
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

87) 1,3-Dichlorobenzene	13.615	146	936	0.234	ug/l #	57
88) 1,4-Dichlorobenzene	13.686	146	1229	0.313	ug/l #	1
89) n-Butylbenzene	13.998	91	3637	0.489	ug/l #	1
90) Hexachloroethane	14.210	117	12249	6.407	ug/l #	9
91) 1,2-Dichlorobenzene	13.992	146	1215	0.310	ug/l #	56
92) 1,2-Dibromo-3-Chloropr...	14.580	75	2107	2.101	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	2437	1.291	ug/l #	1
95) Naphthalene	15.498	128	763980	104.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	3137	1.669	ug/l #	15

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

Quant Time: Jun 11 01:53:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration

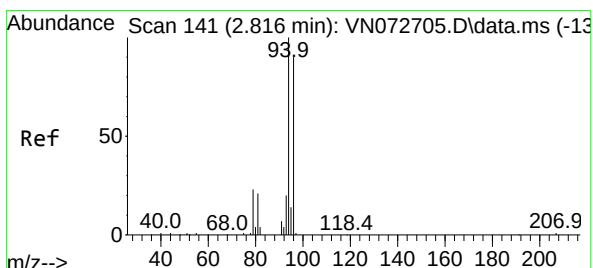
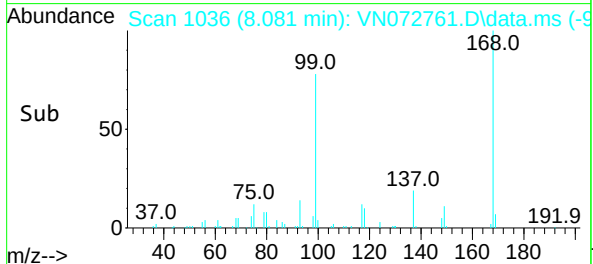
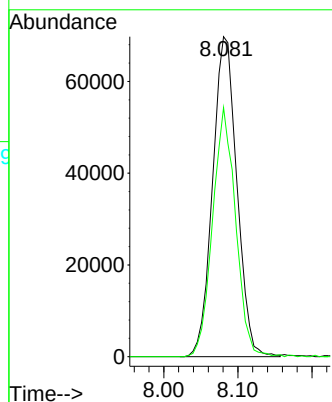
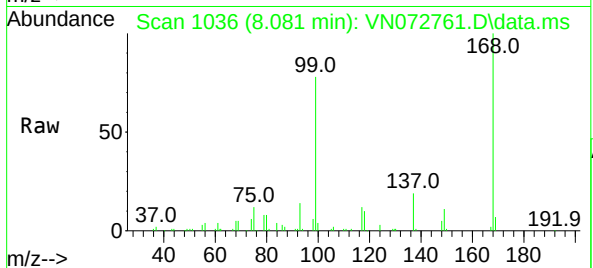




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

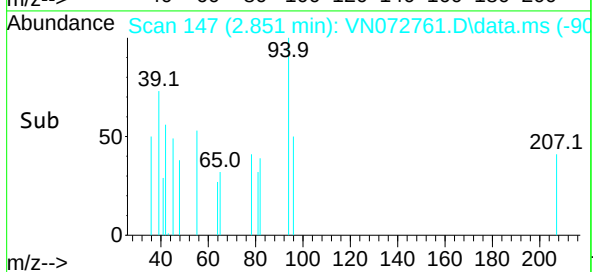
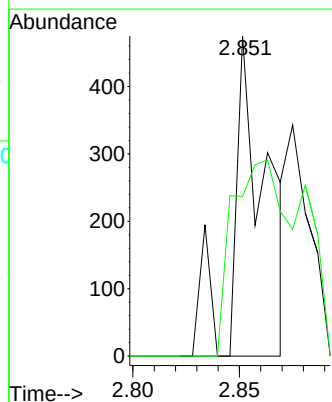
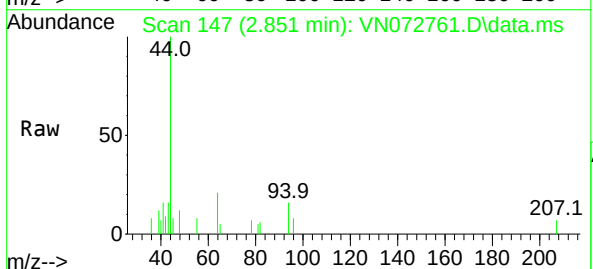
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

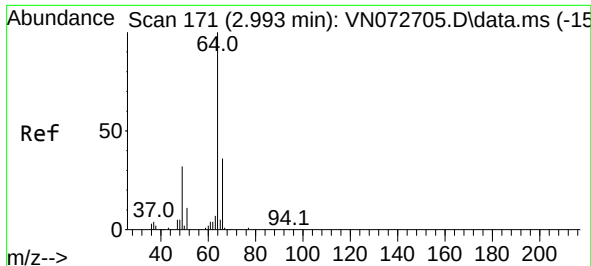
Tgt Ion:168 Resp: 158832
Ion Ratio Lower Upper
168 100
99 77.9 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.851 min Scan# 147
Delta R.T. 0.035 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 94 Resp: 502
Ion Ratio Lower Upper
94 100
96 49.9 76.0 114.0#

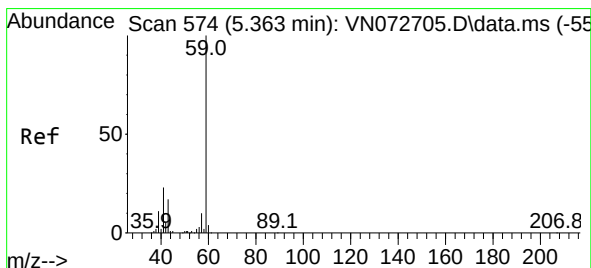
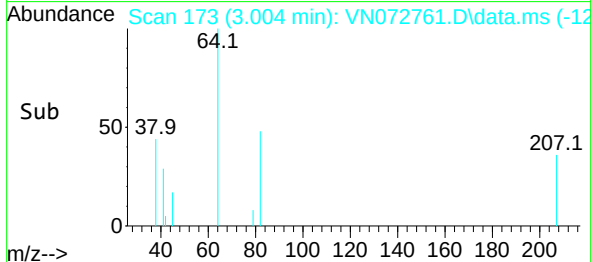
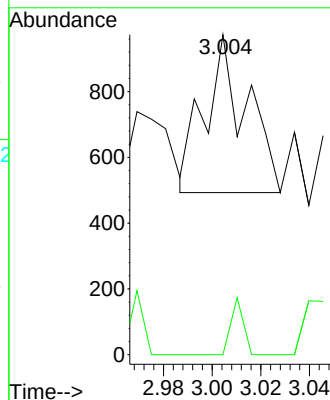
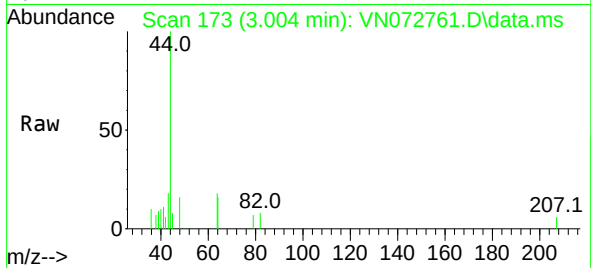




#6
Chloroethane
Concen: Below Cal
RT: 3.004 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

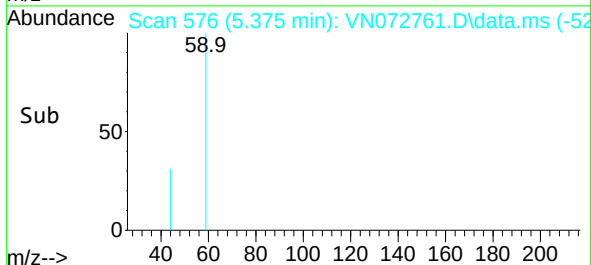
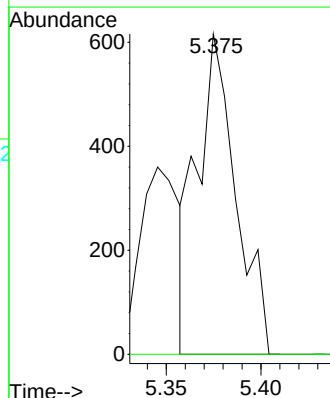
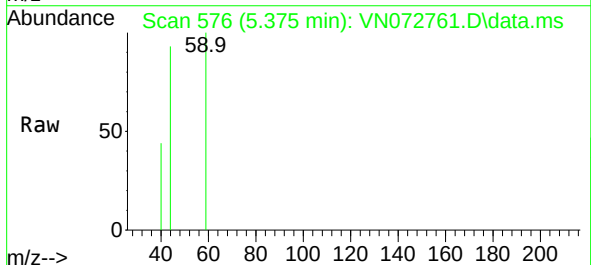
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

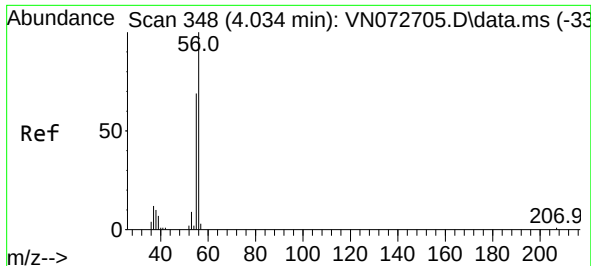
Tgt Ion: 64 Resp: 572
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.857 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.012 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 59 Resp: 872
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

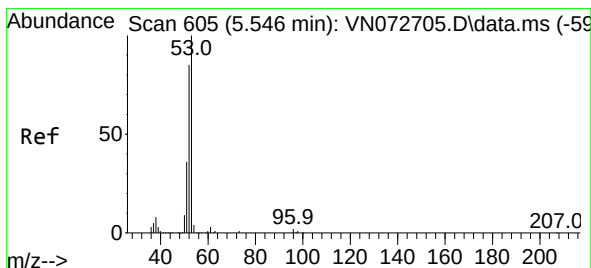
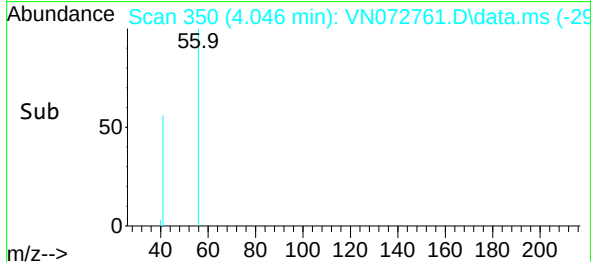
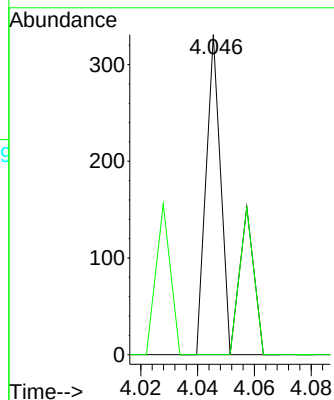
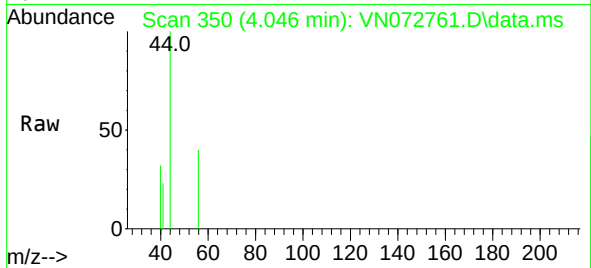




#13
Acrolein
Concen: 0.407 ug/l
RT: 4.046 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

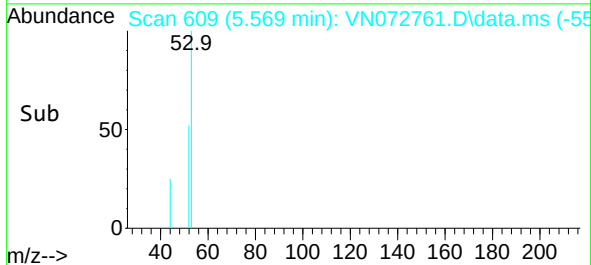
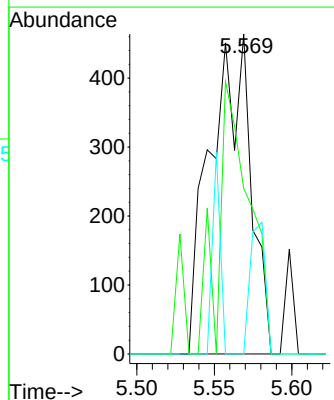
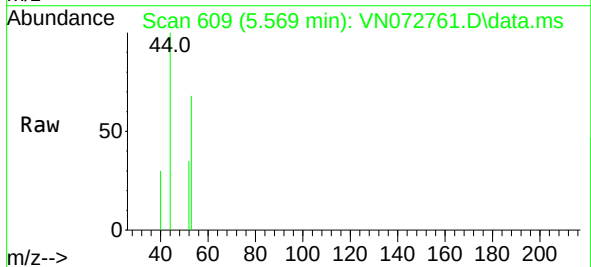
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

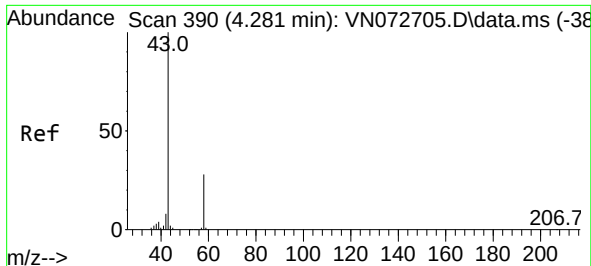
Tgt Ion: 56 Resp: 171
Ion Ratio Lower Upper
56 100
55 31.6 54.8 82.2#



#15
Acrylonitrile
Concen: 0.387 ug/l
RT: 5.569 min Scan# 609
Delta R.T. 0.023 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 53 Resp: 834
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 15.6 28.5 42.7#

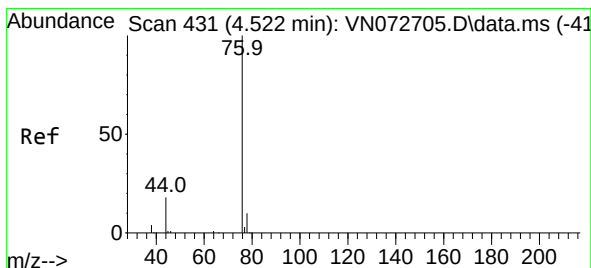
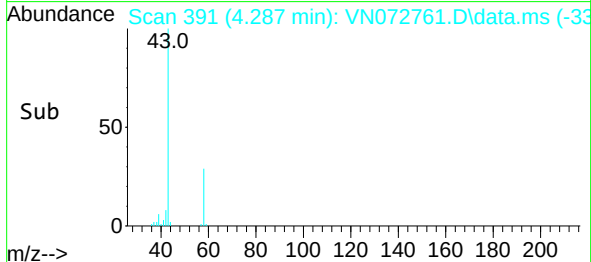
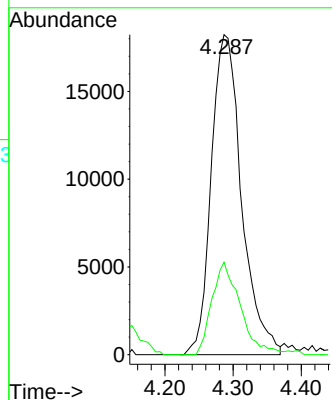
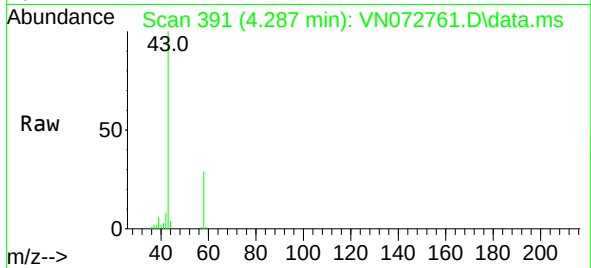




#16
Acetone
Concen: 27.640 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

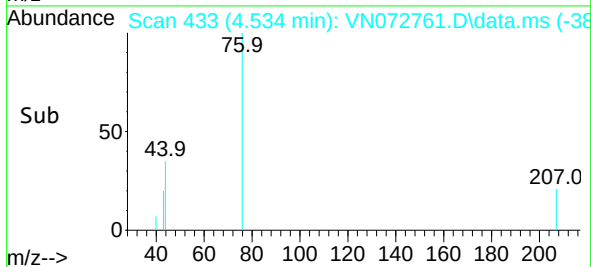
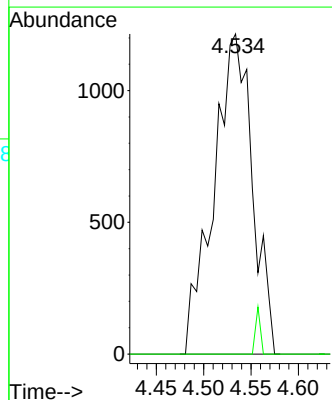
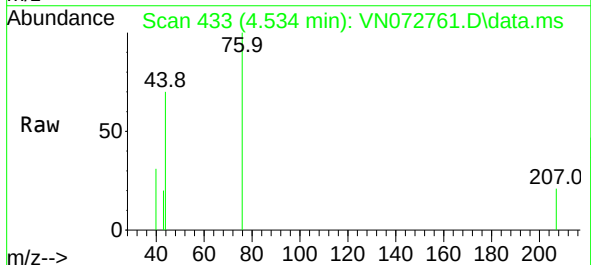
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

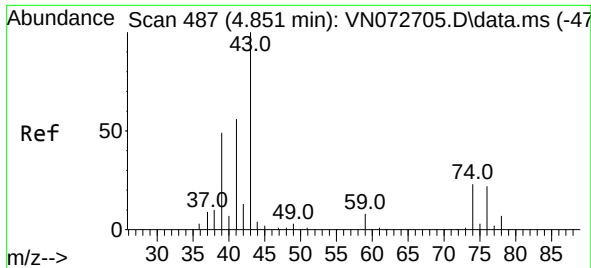
Tgt Ion: 43 Resp: 56459
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0



#17
Carbon Disulfide
Concen: 0.934 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.012 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 76 Resp: 3464
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

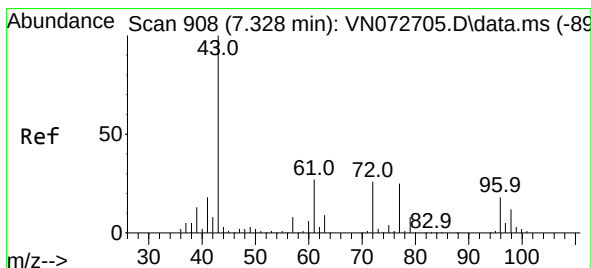
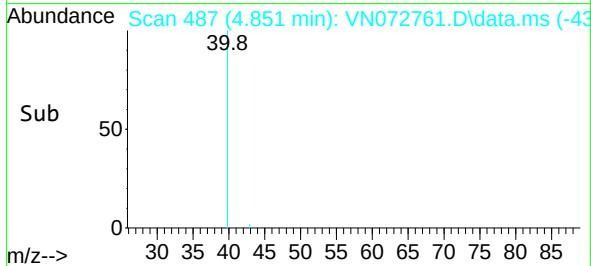
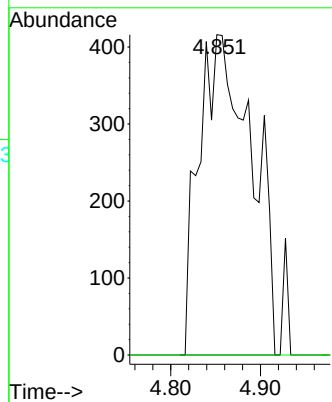
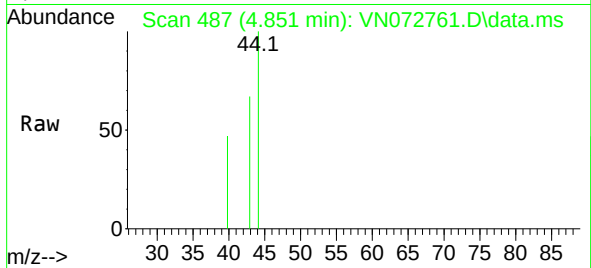




#18
Methyl Acetate
Concen: 0.318 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

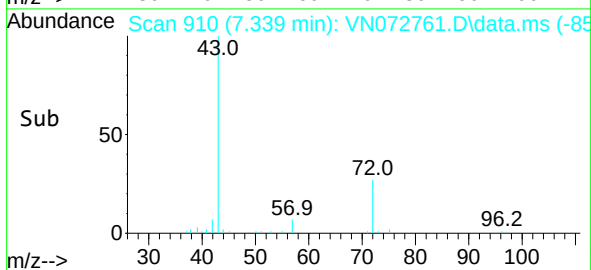
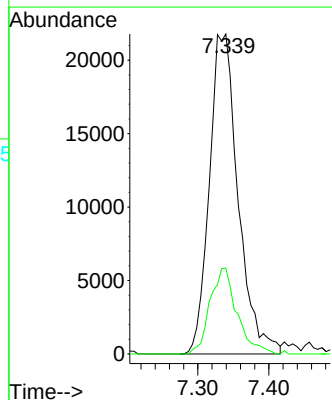
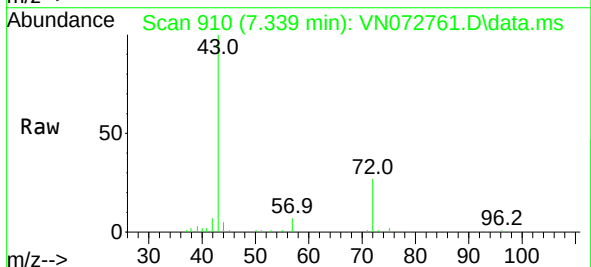
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

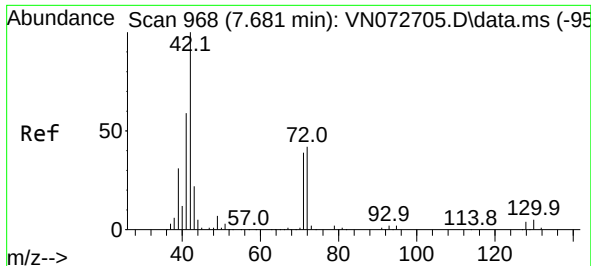
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#25
2-Butanone
Concen: 18.658 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 43 Resp: 61308
Ion Ratio Lower Upper
43 100
72 26.8 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.361 ug/l

RT: 7.686 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4

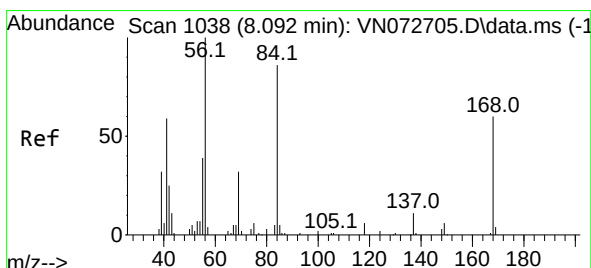
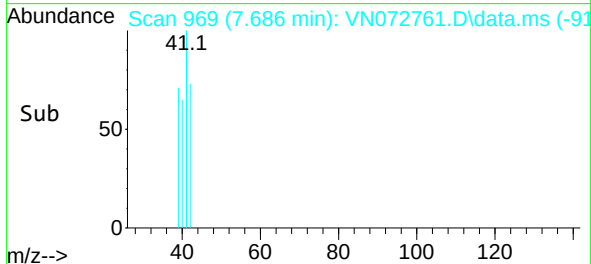
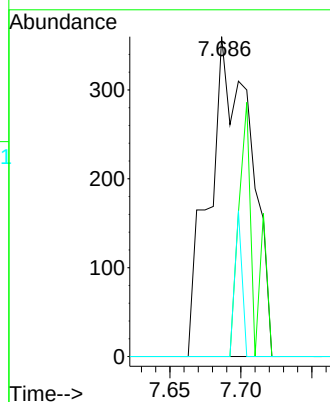
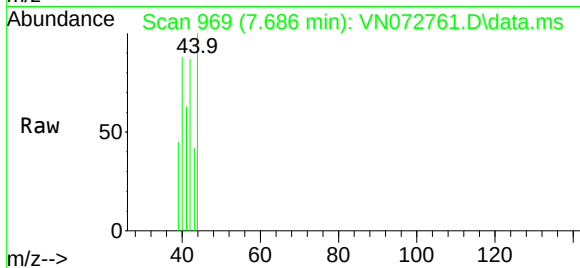
Tgt Ion: 42 Resp: 732

Ion Ratio Lower Upper

42 100

72 29.4 39.7 59.5#

71 7.9 36.6 55.0#



#31

Cyclohexane

Concen: 0.524 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

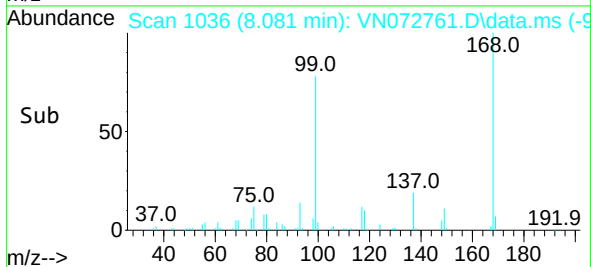
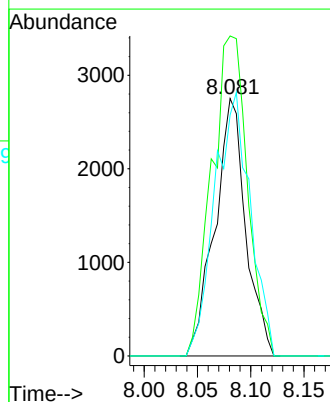
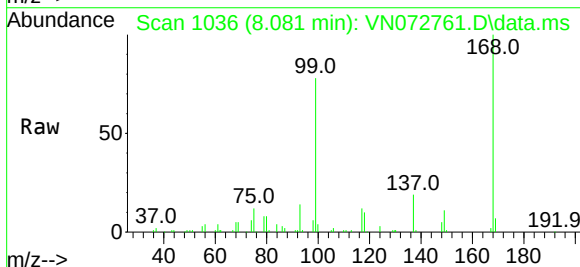
Tgt Ion: 56 Resp: 5540

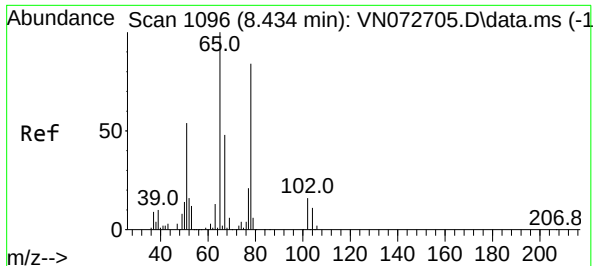
Ion Ratio Lower Upper

56 100

69 124.3 27.8 41.8#

84 93.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 60.825 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

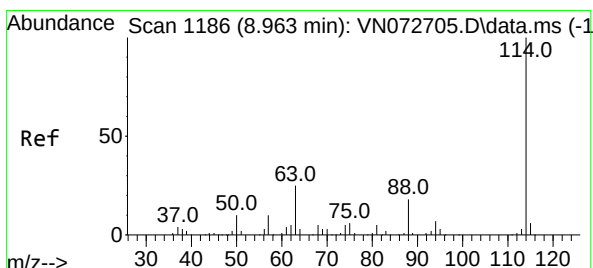
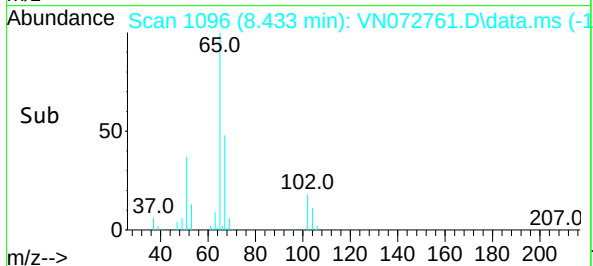
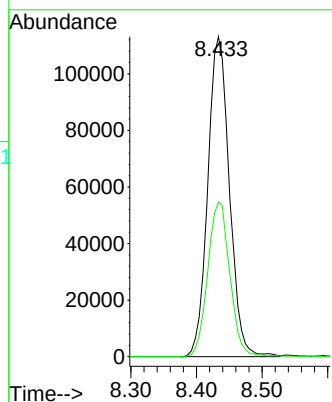
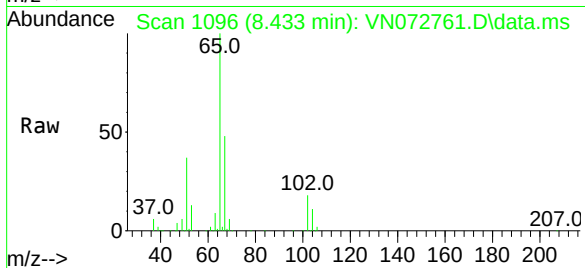
21ST-CASING-4

Tgt Ion: 65 Resp: 259293

Ion Ratio Lower Upper

65 100

67 49.3 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: VN072761.D

Acq: 10 Jun 2022 13:44

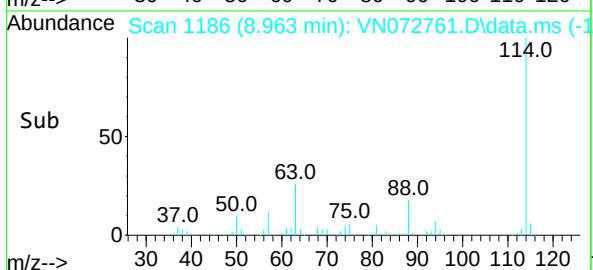
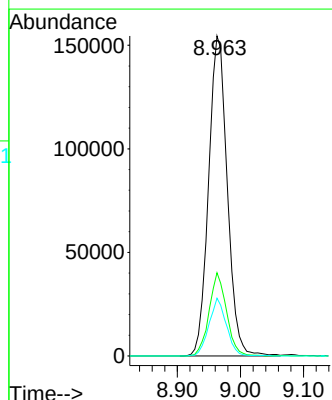
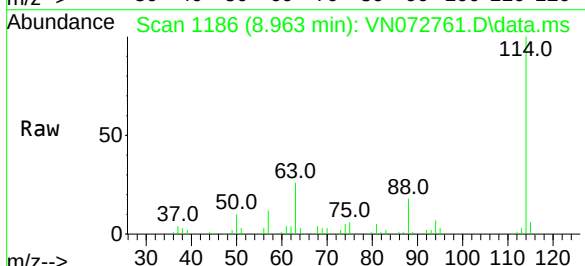
Tgt Ion: 114 Resp: 318298

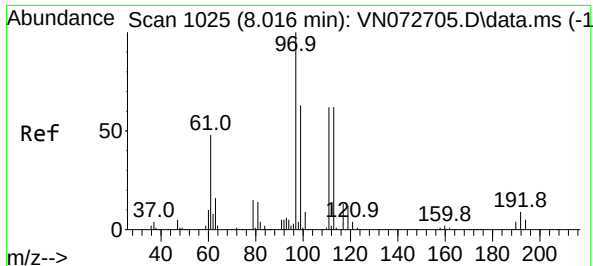
Ion Ratio Lower Upper

114 100

63 26.0 0.0 40.0

88 18.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.801 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4

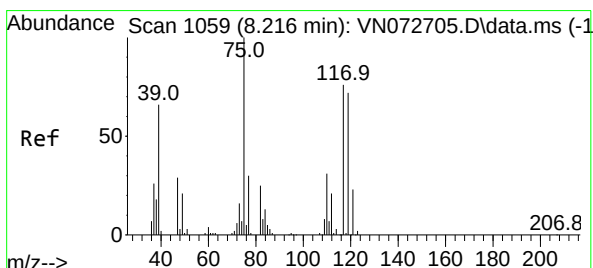
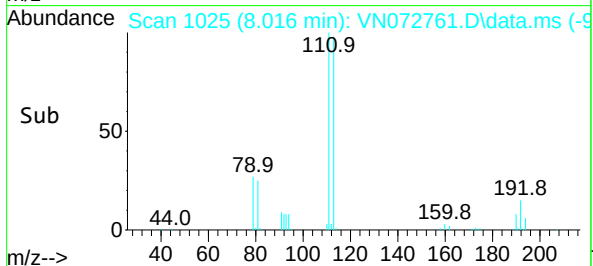
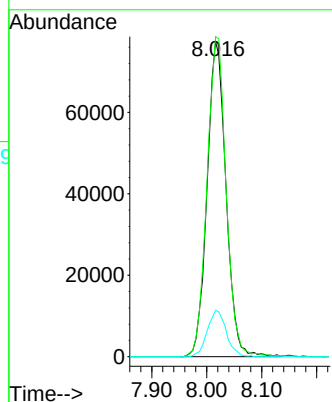
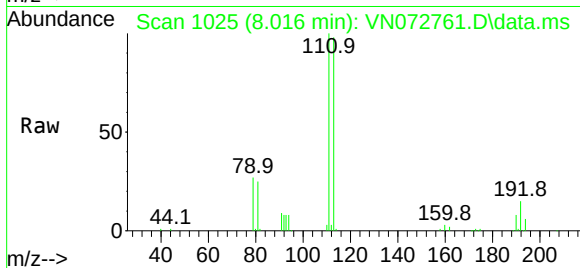
Tgt Ion:113 Resp: 185193

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 14.8 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 4.028 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

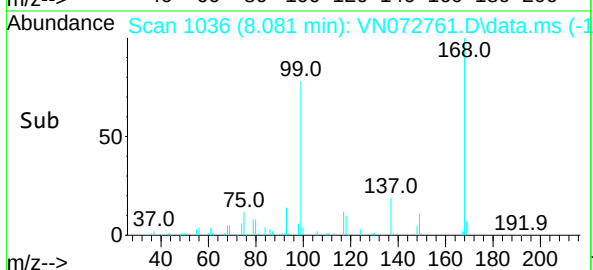
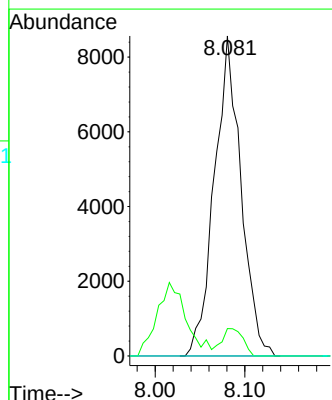
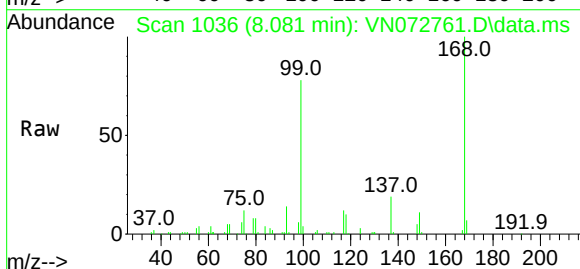
Tgt Ion: 75 Resp: 17611

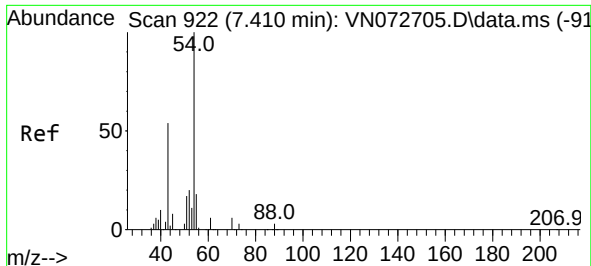
Ion Ratio Lower Upper

75 100

110 6.9 18.3 54.8#

77 0.0 25.1 37.7#

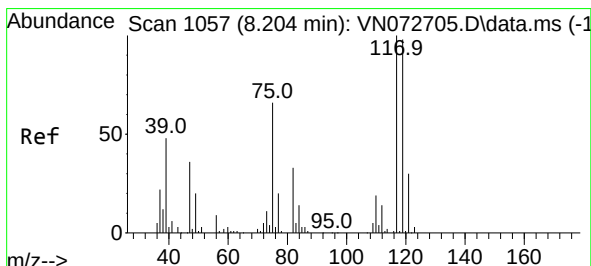
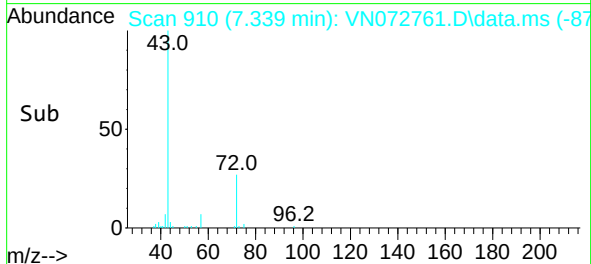
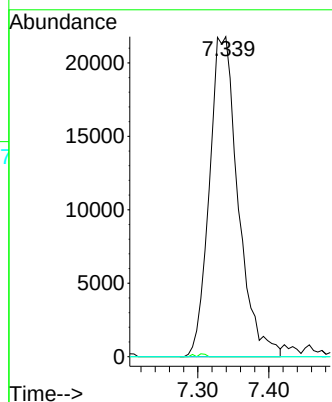
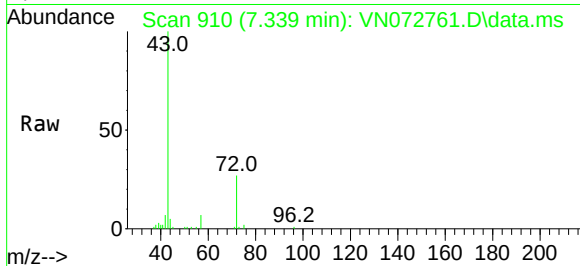




#37
Ethyl Acetate
Concen: 9.027 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.071 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

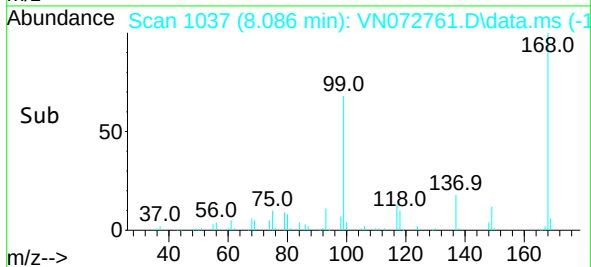
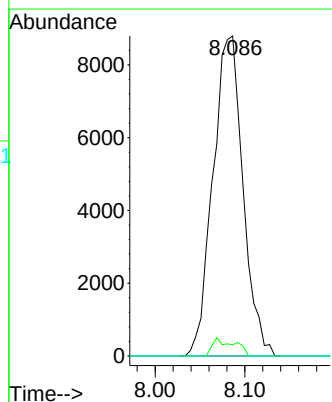
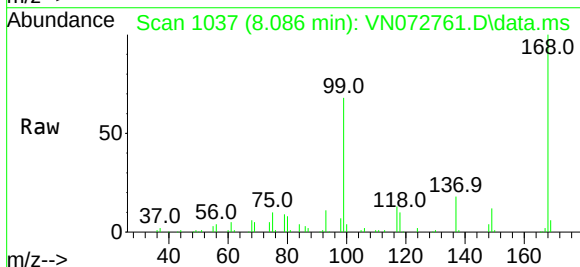
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

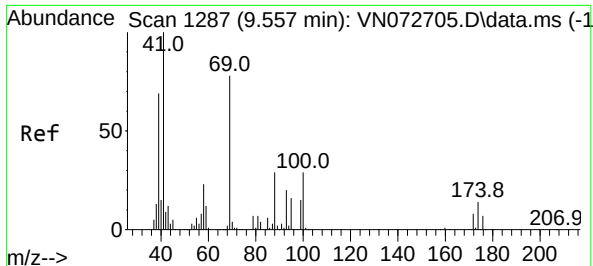
Tgt Ion: 43 Resp: 61308
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.386 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 117 Resp: 20489
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.8#
121 0.0 24.6 37.0#





#48

Methyl methacrylate

Concen: 1.929 ug/l

RT: 9.528 min Scan# 1282

Delta R.T. -0.029 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4

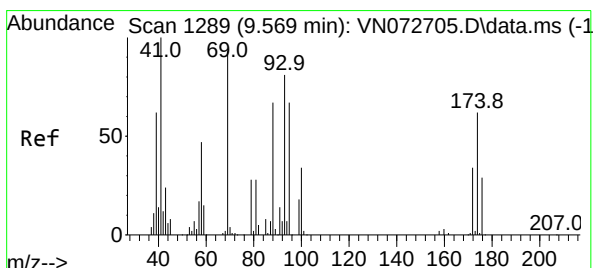
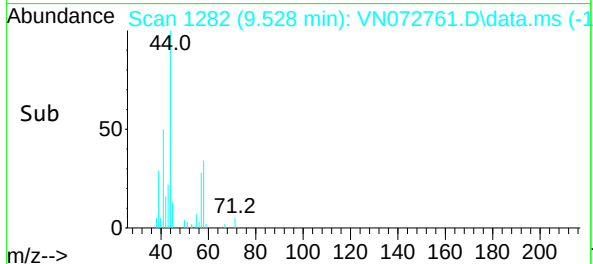
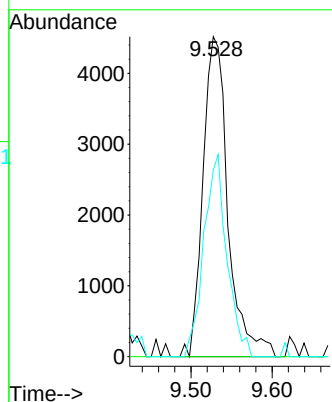
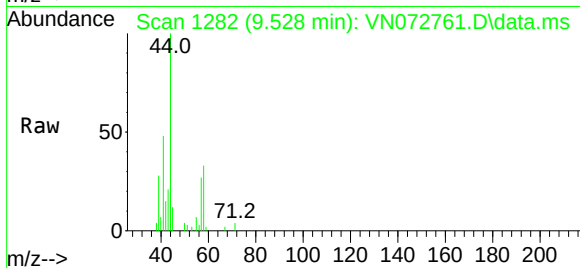
Tgt Ion: 41 Resp: 9653

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 58.4 45.6 68.4



#49

1,4-Dioxane

Concen: 0.667 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

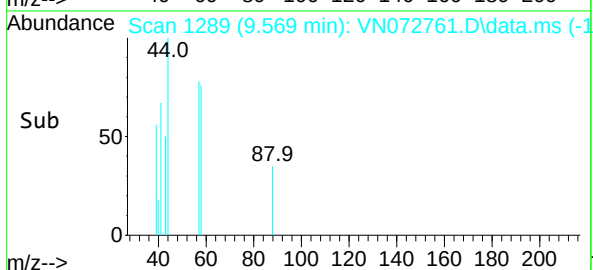
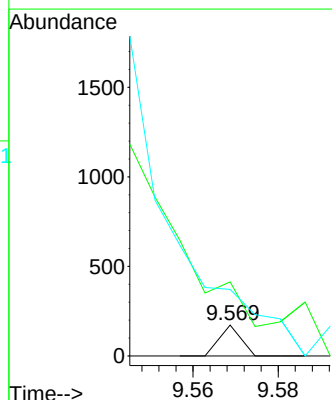
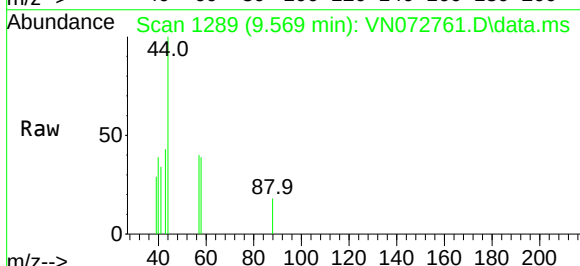
Tgt Ion: 88 Resp: 61

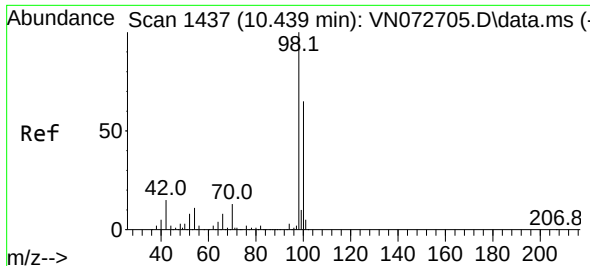
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#

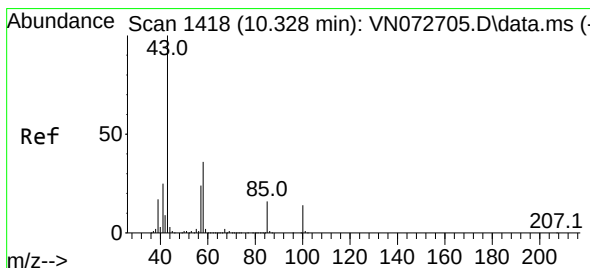
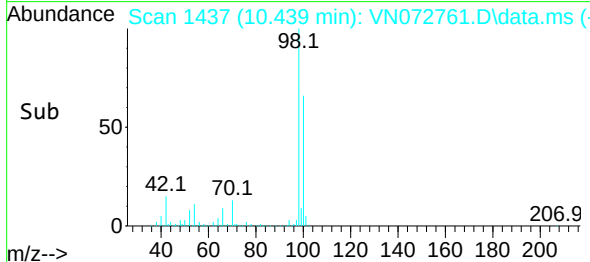
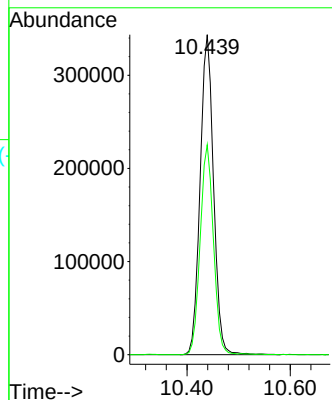
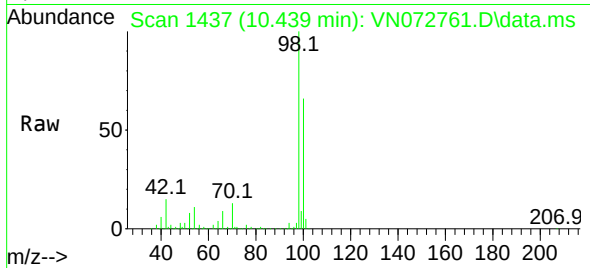




#50
Toluene-d8
Concen: 49.161 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

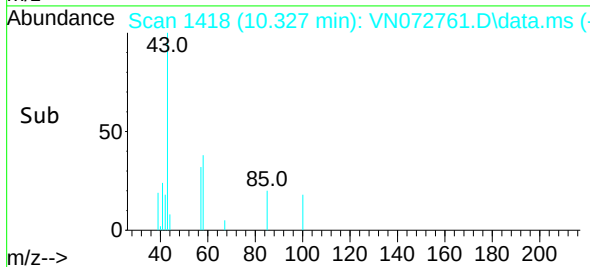
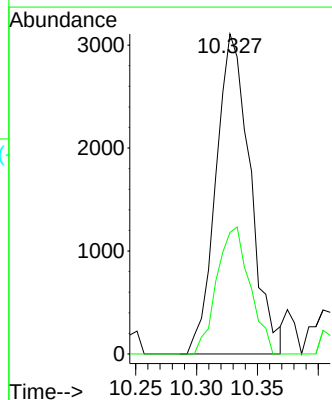
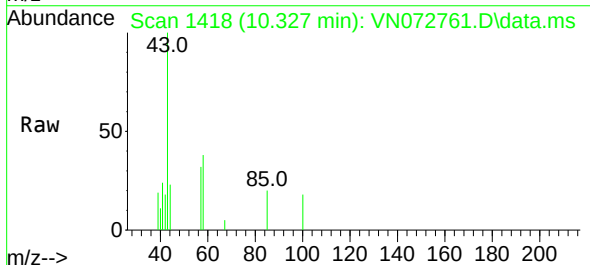
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

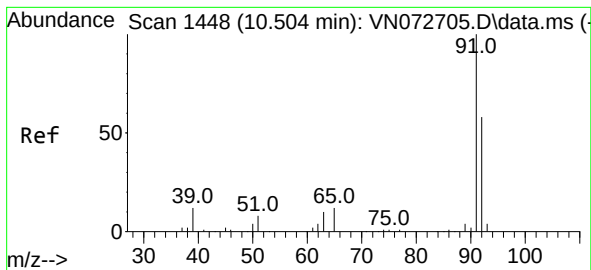
Tgt Ion: 98 Resp: 617753
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.884 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 43 Resp: 6089
Ion Ratio Lower Upper
43 100
58 38.1 34.1 51.1





#52

Toluene

Concen: 2.678 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

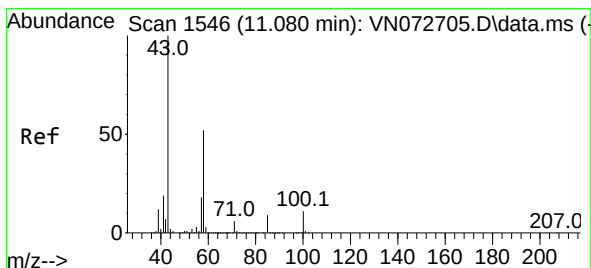
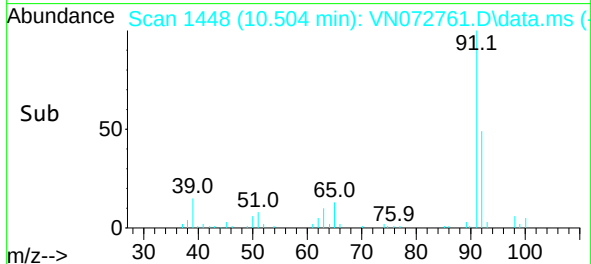
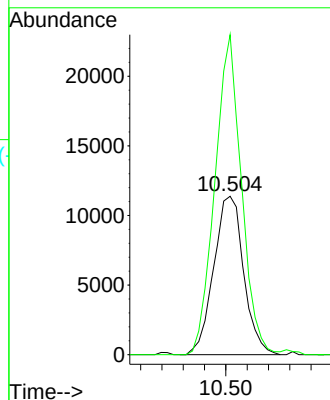
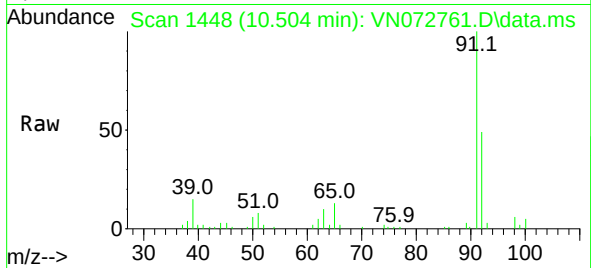
21ST-CASING-4

Tgt Ion: 92 Resp: 22181

Ion Ratio Lower Upper

92 100

91 179.3 138.6 207.8



#59

2-Hexanone

Concen: 1.418 ug/l

RT: 11.080 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072761.D

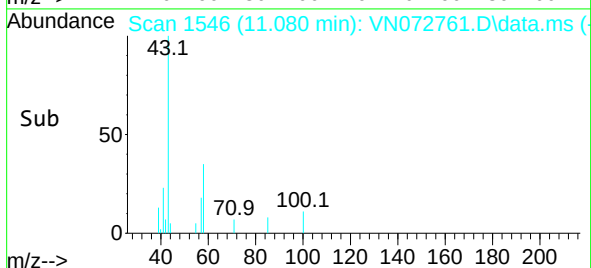
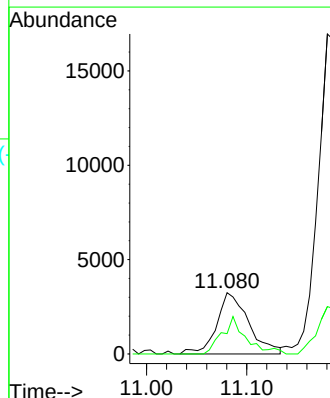
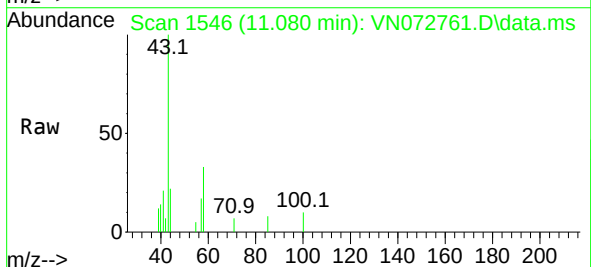
Acq: 10 Jun 2022 13:44

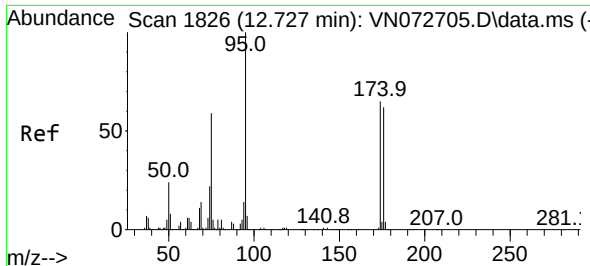
Tgt Ion: 43 Resp: 7181

Ion Ratio Lower Upper

43 100

58 45.5 29.7 89.1

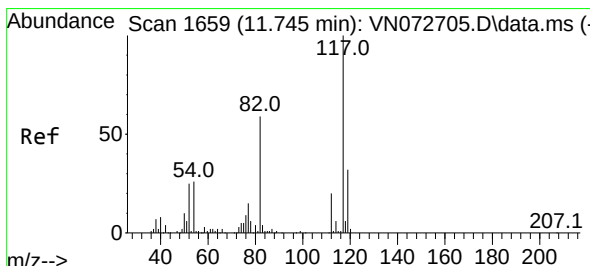
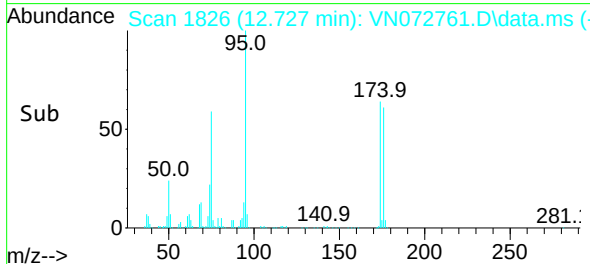
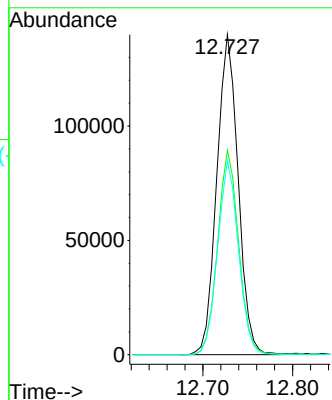
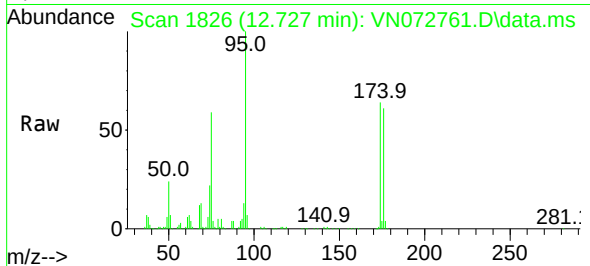




#62
4-Bromofluorobenzene
Concen: 53.634 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

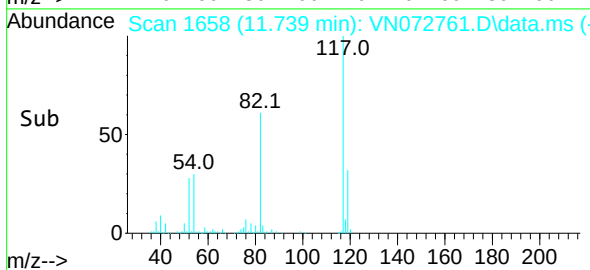
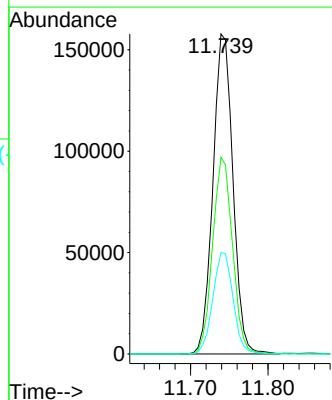
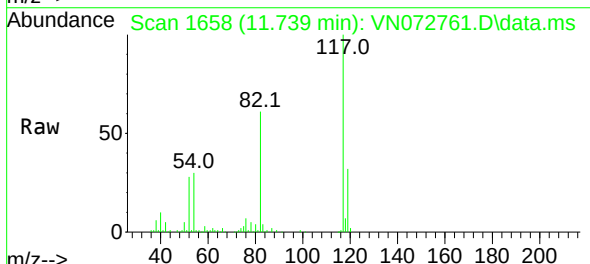
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

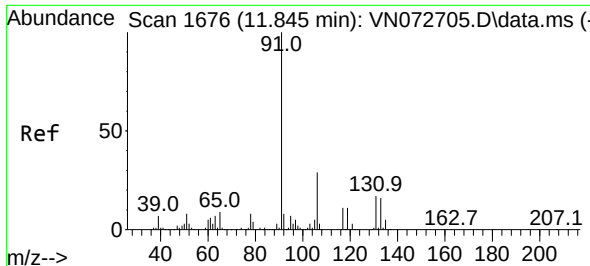
Tgt Ion: 95 Resp: 231267
Ion Ratio Lower Upper
95 100
174 63.3 0.0 167.6
176 59.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 117 Resp: 283388
Ion Ratio Lower Upper
117 100
82 61.5 44.2 66.2
119 31.7 25.4 38.0

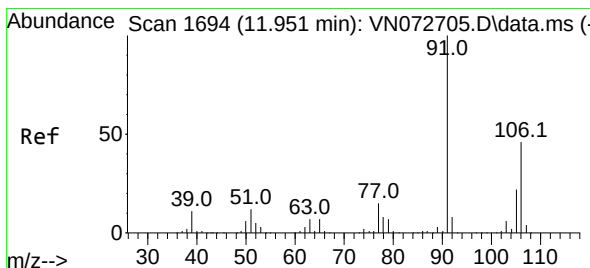
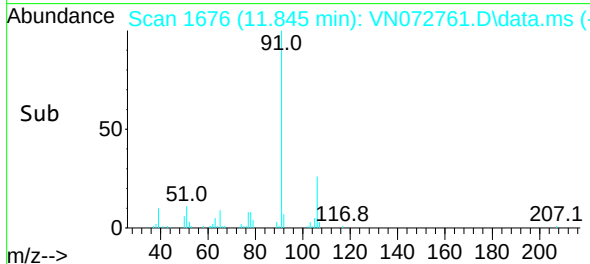
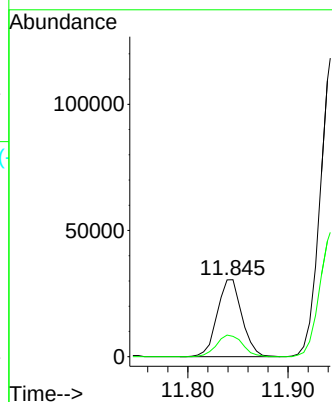
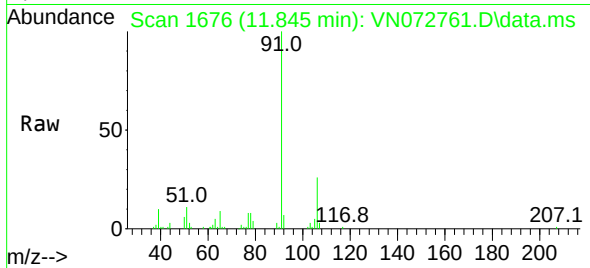




#67
Ethyl Benzene
Concen: 3.677 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

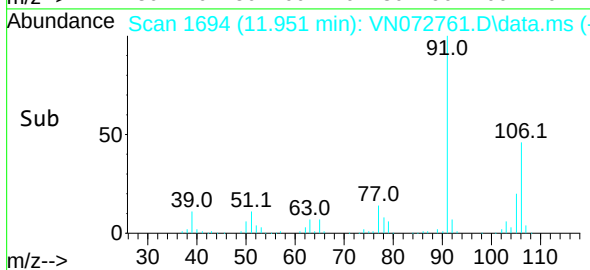
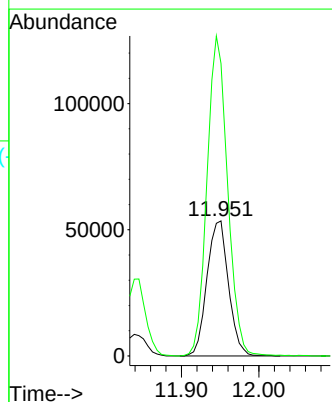
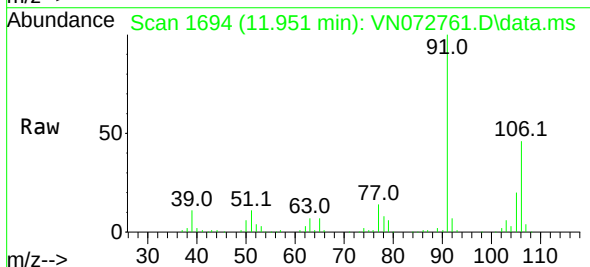
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

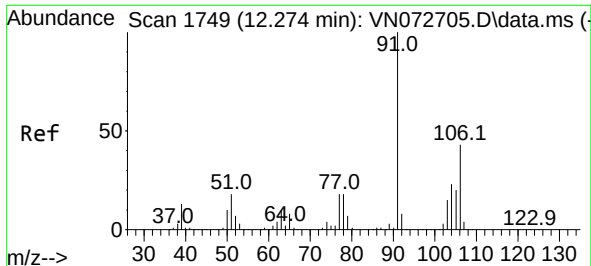
Tgt Ion: 91 Resp: 52207
Ion Ratio Lower Upper
91 100
106 26.4 24.9 37.3



#68
m/p-Xylenes
Concen: 20.465 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 106 Resp: 103264
Ion Ratio Lower Upper
106 100
91 226.3 158.9 238.3

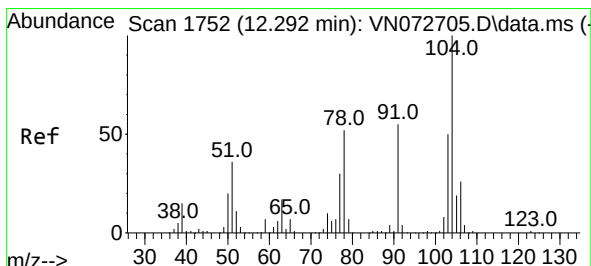
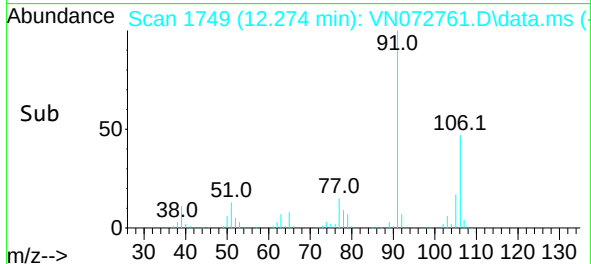
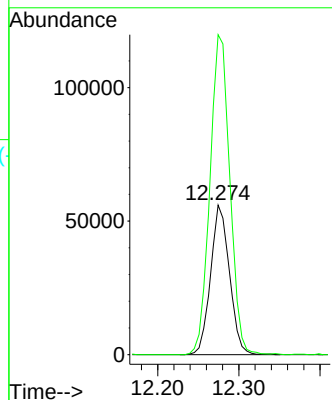
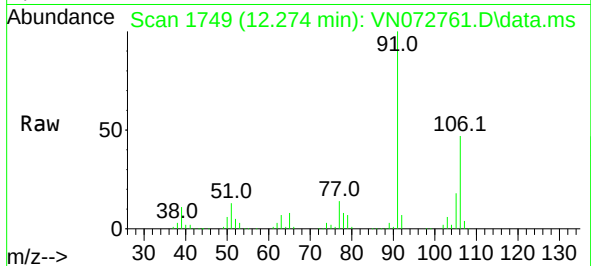




#69
o-Xylene
Concen: 17.836 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

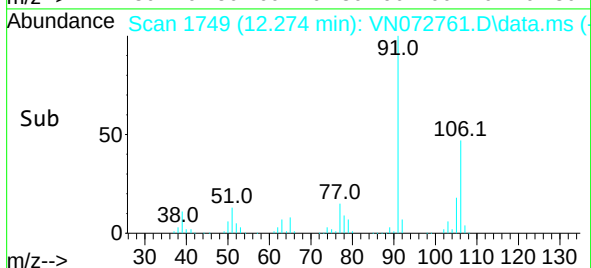
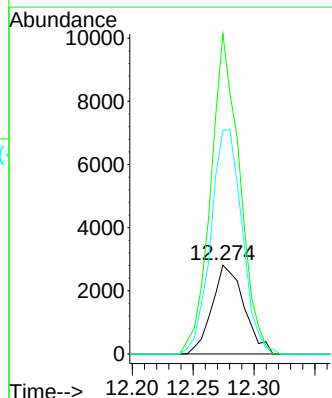
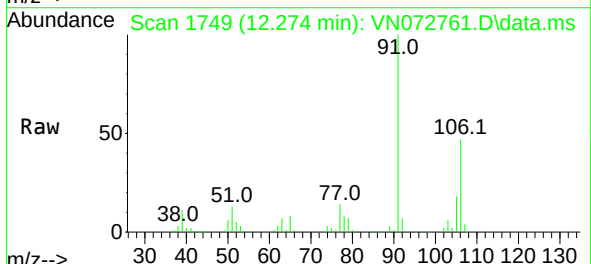
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

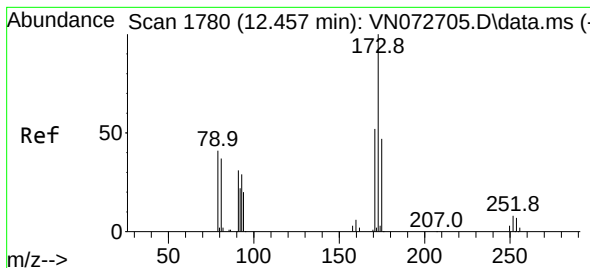
Tgt Ion:106 Resp: 90469
Ion Ratio Lower Upper
106 100
91 225.7 106.0 318.0



#70
Styrene
Concen: 0.643 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.018 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion:104 Resp: 5124
Ion Ratio Lower Upper
104 100
78 326.5 39.5 59.3#
103 248.7 44.0 66.0#





#71

Bromoform

Concen: 0.601 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.270 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4

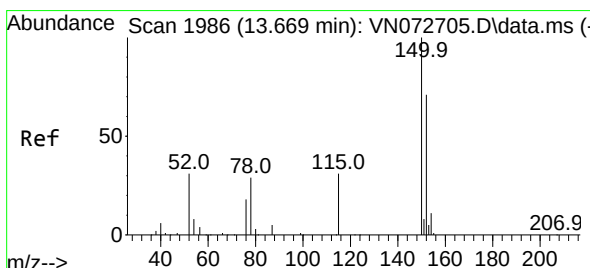
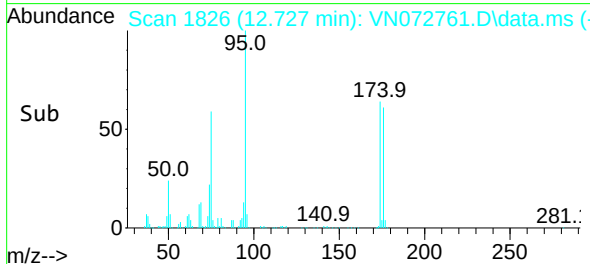
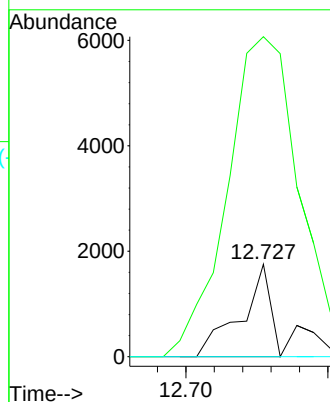
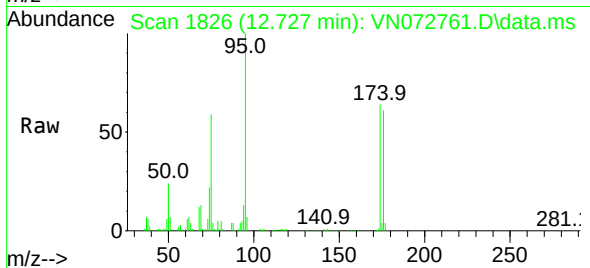
Tgt Ion:173 Resp: 1269

Ion Ratio Lower Upper

173 100

175 664.6 24.6 73.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

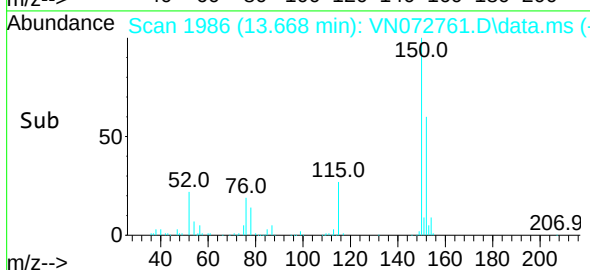
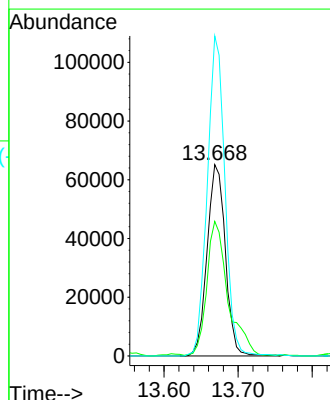
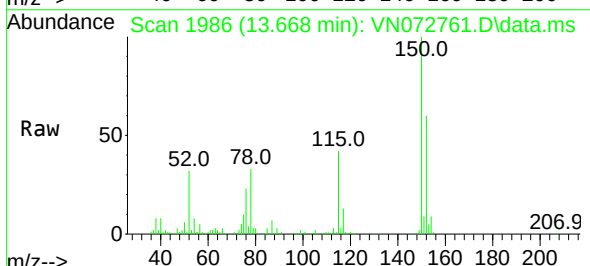
Tgt Ion:152 Resp: 111486

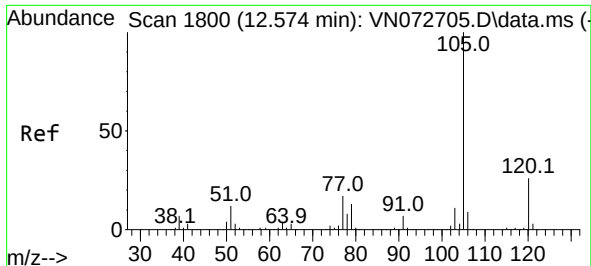
Ion Ratio Lower Upper

152 100

115 80.7 28.9 86.7

150 161.6 0.0 356.2

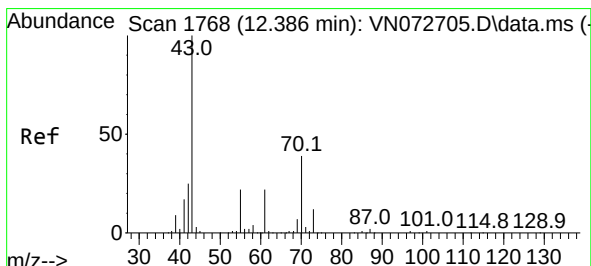
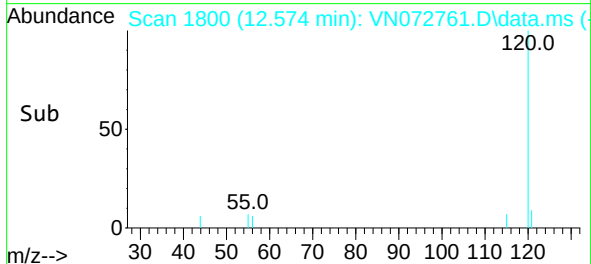
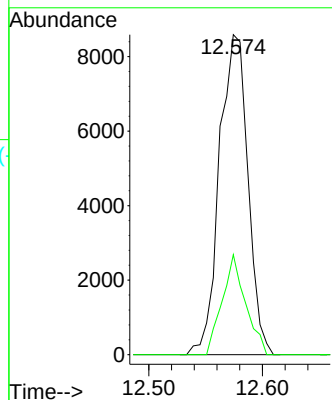
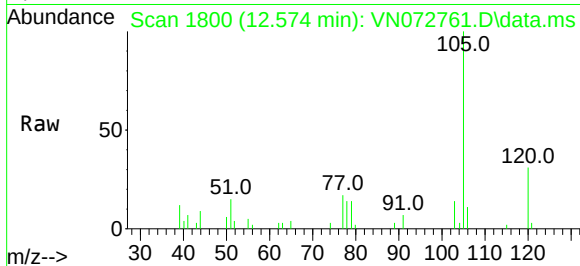




#73
Isopropylbenzene
Concen: 1.252 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

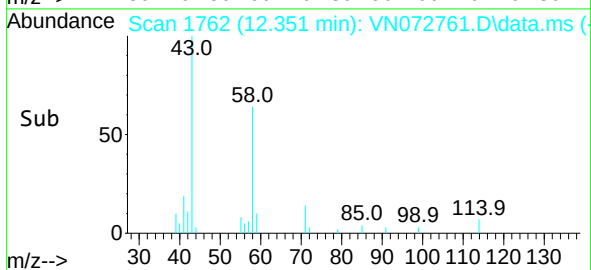
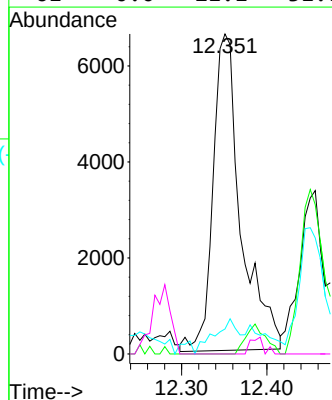
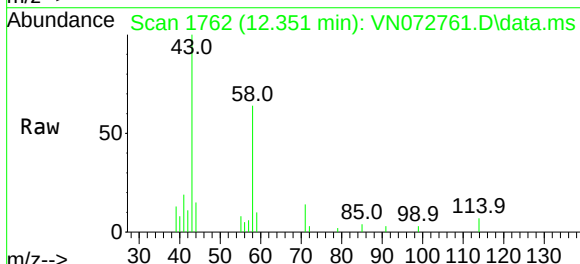
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

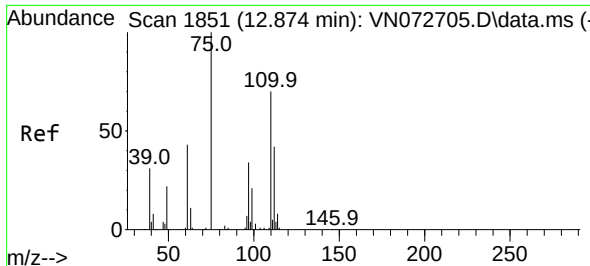
Tgt Ion:105 Resp: 14976
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4



#74
N-ethyl acetate
Concen: 2.698 ug/l
RT: 12.351 min Scan# 1762
Delta R.T. -0.035 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 43 Resp: 14994
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 9.3 21.1 31.7#
61 0.0 21.1 31.7#

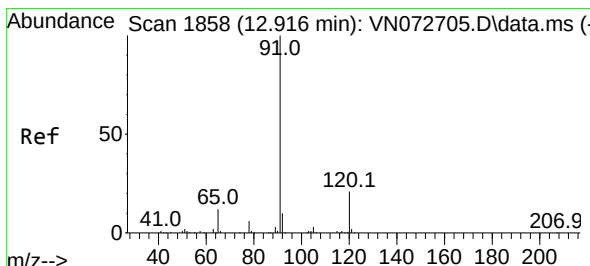
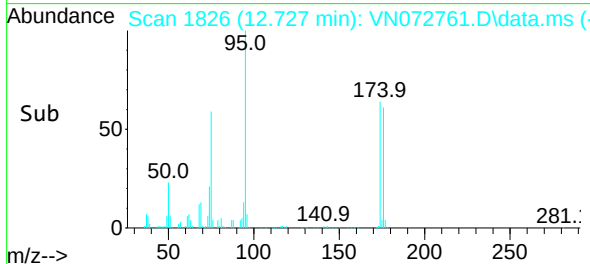
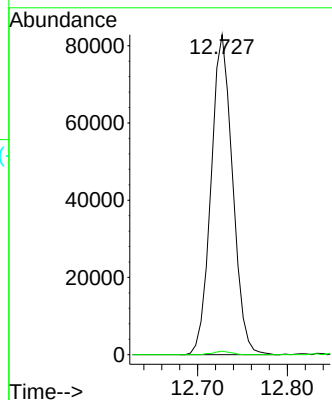
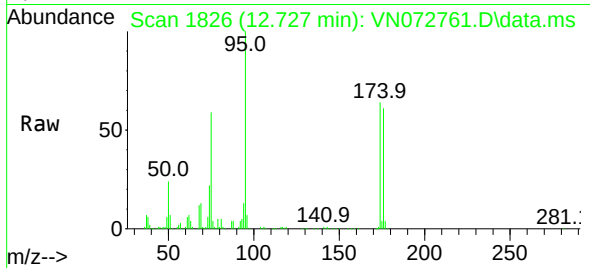




#76
1,2,3-Trichloropropane
Concen: 38.367 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

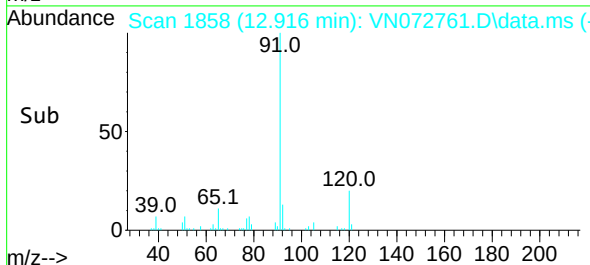
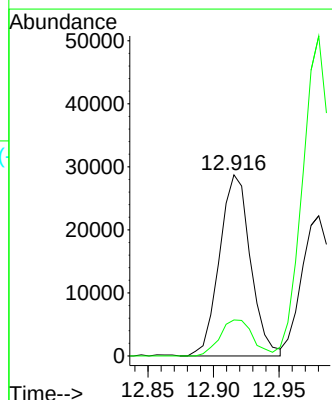
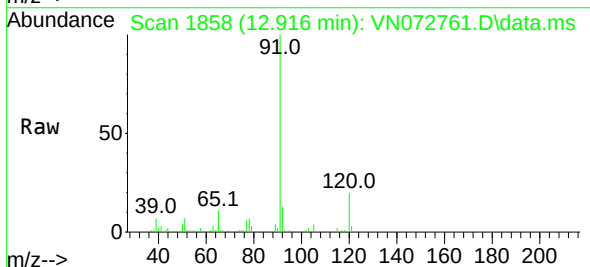
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

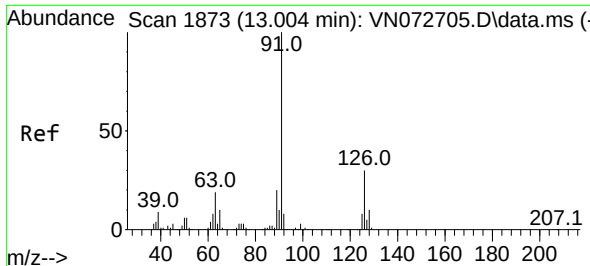
Tgt Ion: 75 Resp: 138027
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#78
n-propylbenzene
Concen: 3.617 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 91 Resp: 47228
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5

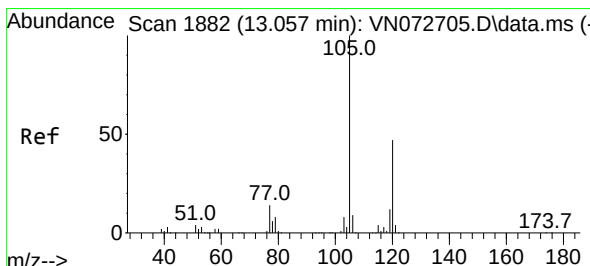
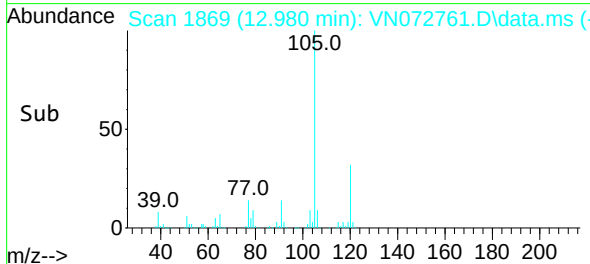
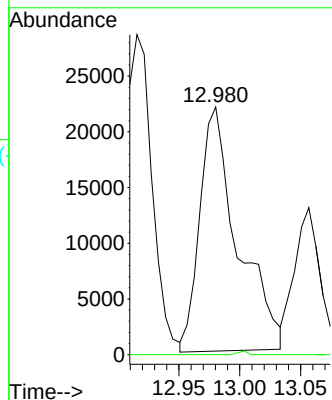
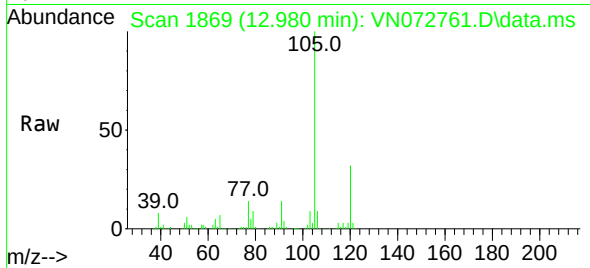




#79
2-Chlorotoluene
Concen: 5.829 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

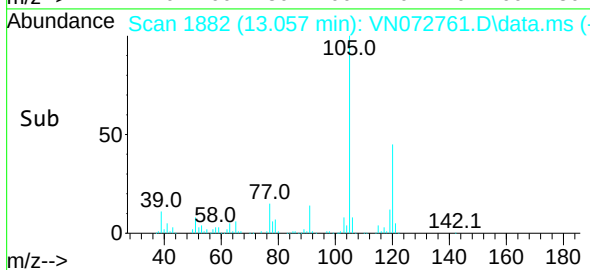
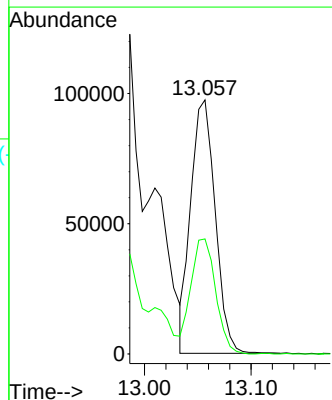
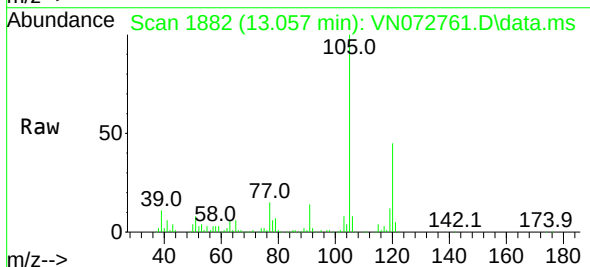
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

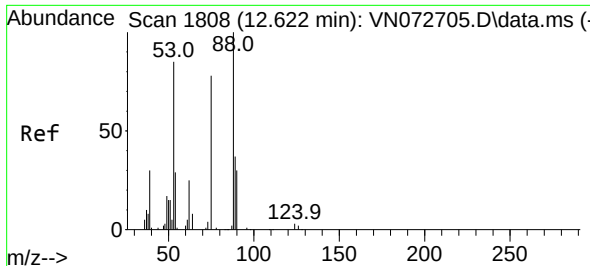
Tgt Ion: 91 Resp: 47743
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 16.391 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 105 Resp: 155307
Ion Ratio Lower Upper
105 100
120 46.0 24.9 74.7

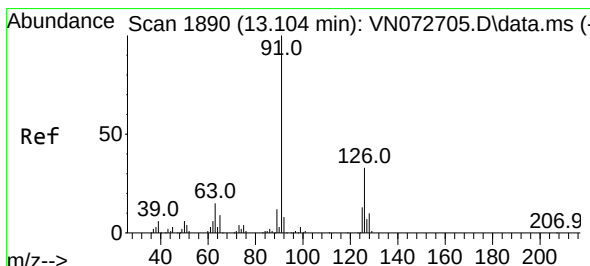
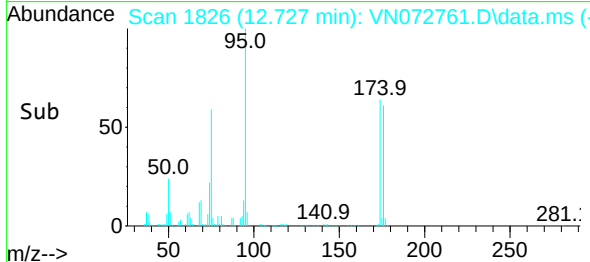
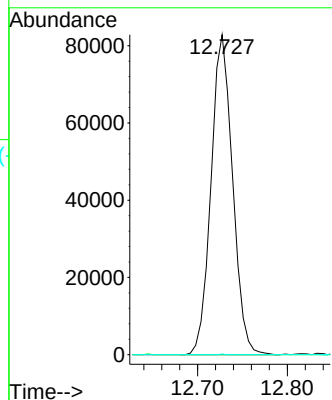
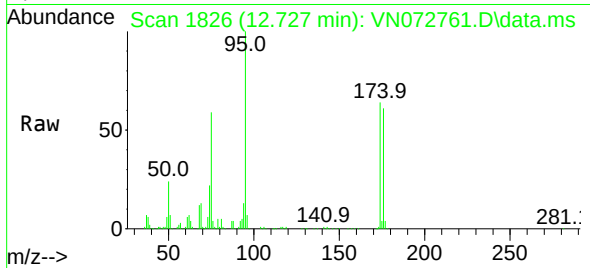




#81
trans-1,4-Dichloro-2-butene
Concen: 100.339 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

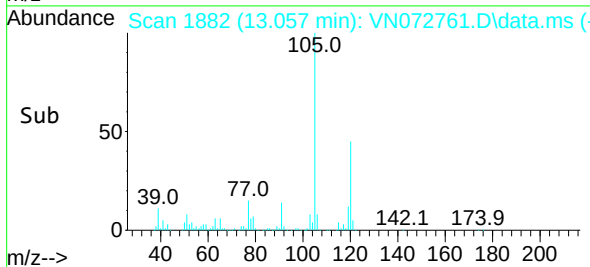
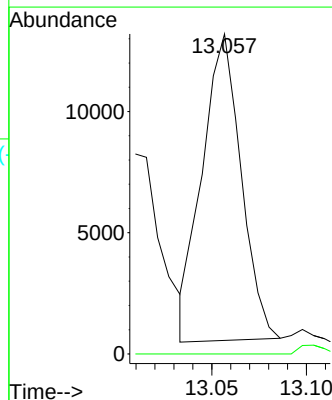
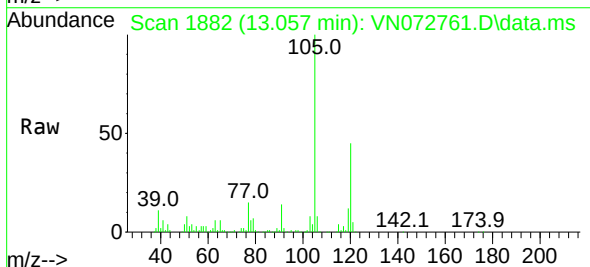
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

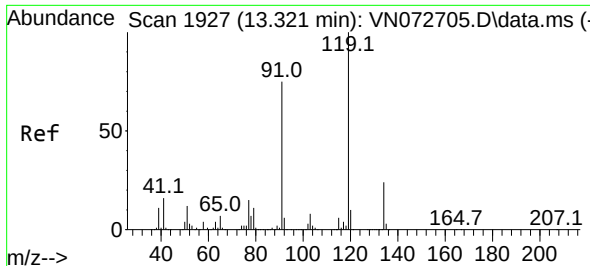
Tgt Ion: 75 Resp: 138027
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 2.390 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.047 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 91 Resp: 18079
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

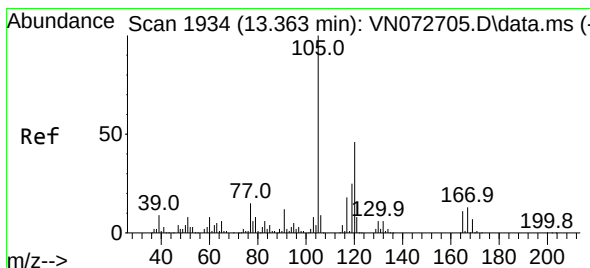
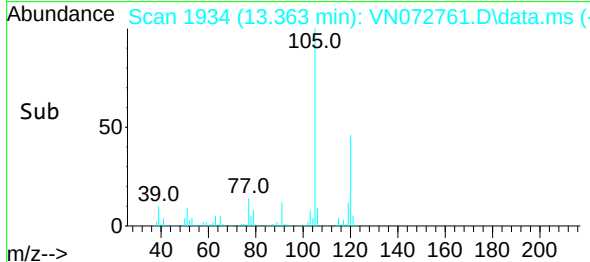
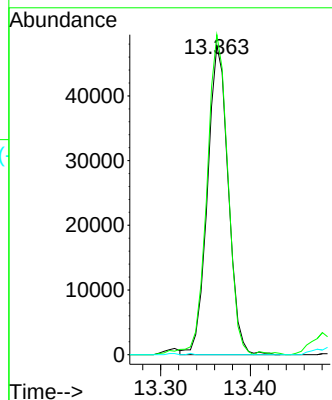
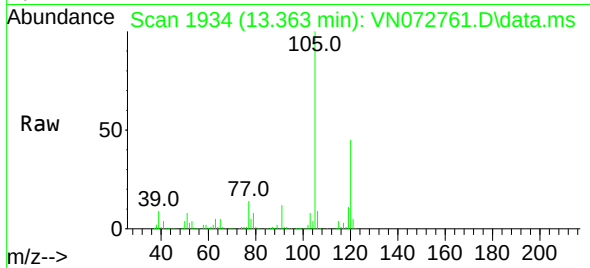




#83
tert-Butylbenzene
Concen: 9.235 ug/l
RT: 13.363 min Scan# 1927
Delta R.T. 0.042 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

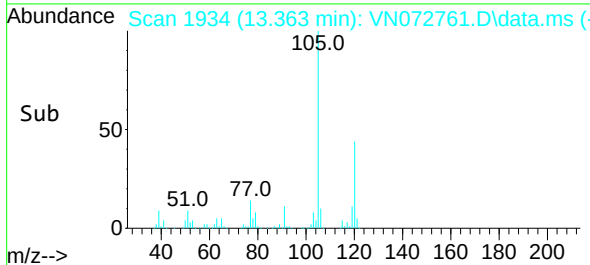
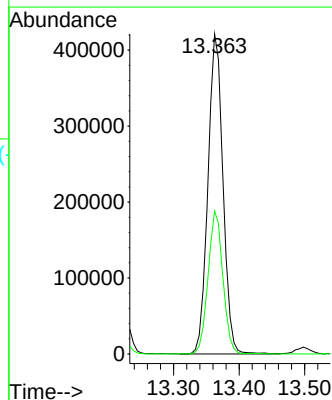
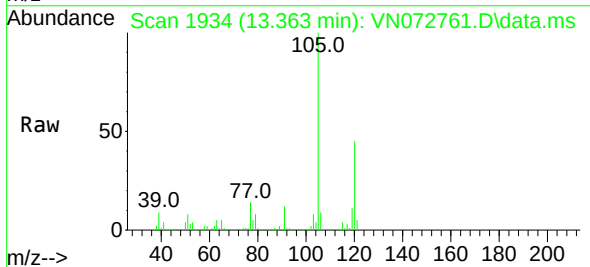
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

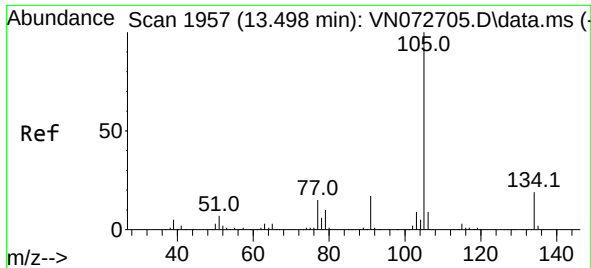
Tgt Ion:119 Resp: 76855
Ion Ratio Lower Upper
119 100
91 104.6 31.6 94.8#
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 74.128 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion:105 Resp: 672064
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8

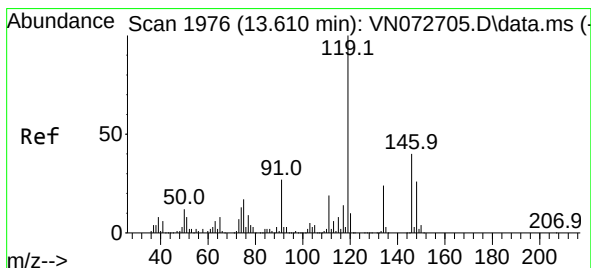
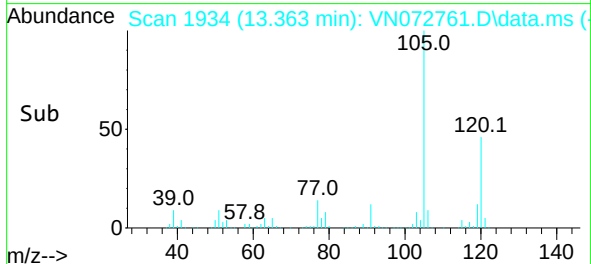
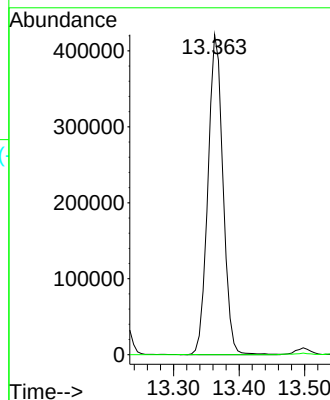
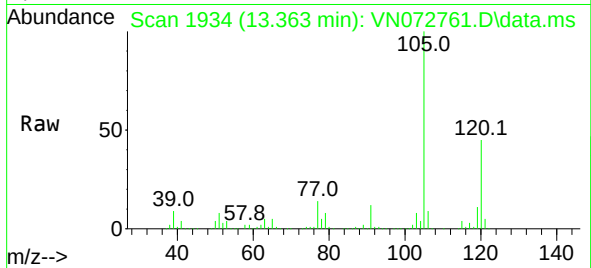




#85
 sec-Butylbenzene
 Concen: 59.848 ug/l
 RT: 13.363 min Scan# 1957
 Delta R.T. -0.135 min
 Lab File: VN072761.D
 Acq: 10 Jun 2022 13:44

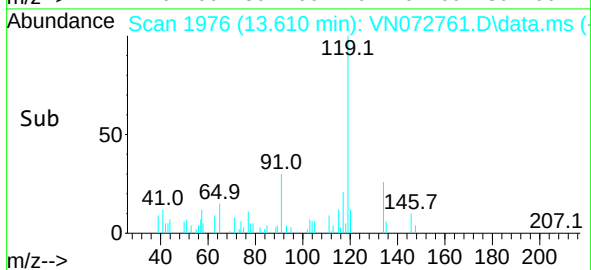
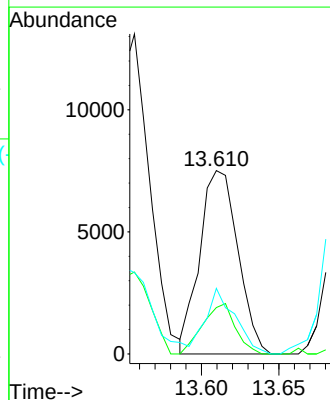
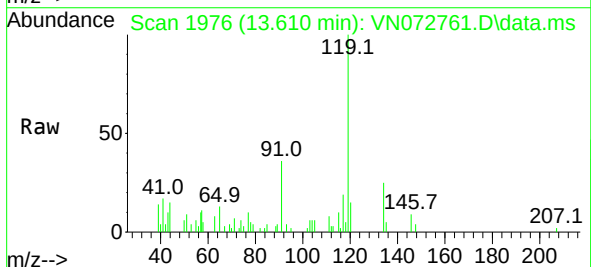
Instrument :
 MSVOA_N
 ClientSampleId :
 21ST-CASING-4

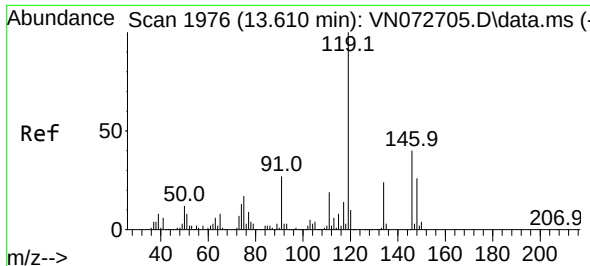
Tgt Ion:105 Resp: 672064
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.457 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072761.D
 Acq: 10 Jun 2022 13:44

Tgt Ion:119 Resp: 12871
 Ion Ratio Lower Upper
 119 100
 134 23.5 13.3 39.8
 91 27.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.234 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.005 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

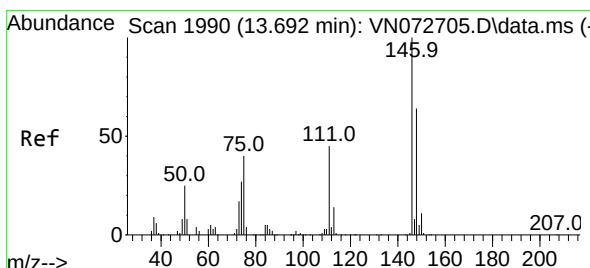
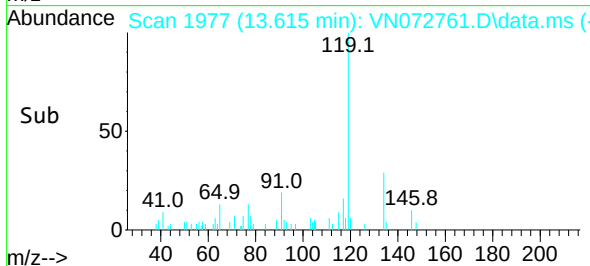
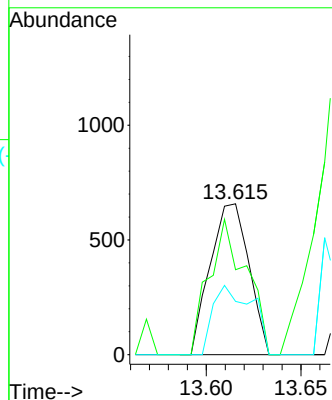
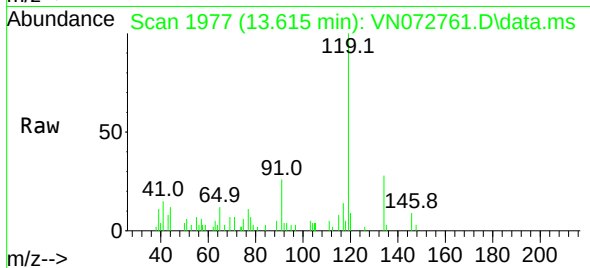
MSVOA_N

ClientSampleId :

21ST-CASING-4

Tgt Ion:146 Resp: 936

Ion	Ratio	Lower	Upper
146	100		
111	86.3	20.0	60.0#
148	46.0	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 0.313 ug/l

RT: 13.686 min Scan# 1989

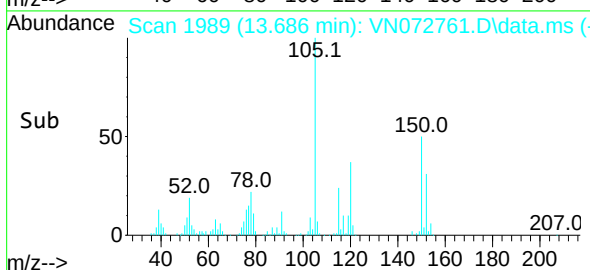
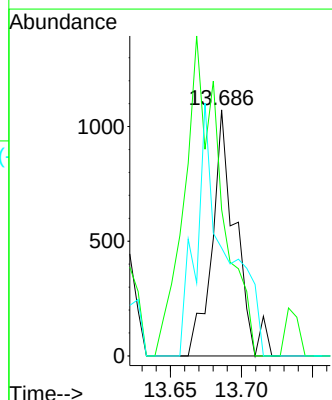
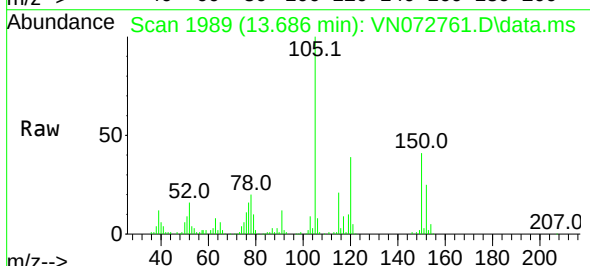
Delta R.T. -0.006 min

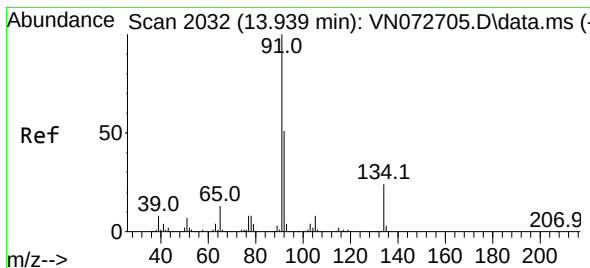
Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Tgt Ion:146 Resp: 1229

Ion	Ratio	Lower	Upper
146	100		
111	202.1	19.1	57.1#
148	127.9	31.4	94.3#





#89

n-Butylbenzene

Concen: 0.489 ug/l

RT: 13.998 min Scan# 2032

Delta R.T. 0.059 min

Lab File: VN072761.D

Acq: 10 Jun 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4

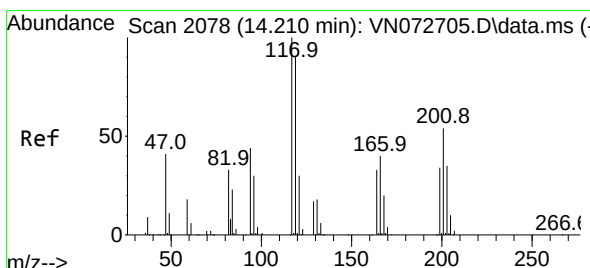
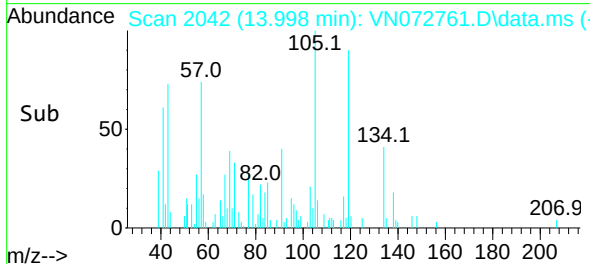
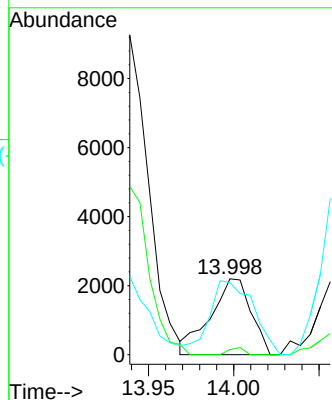
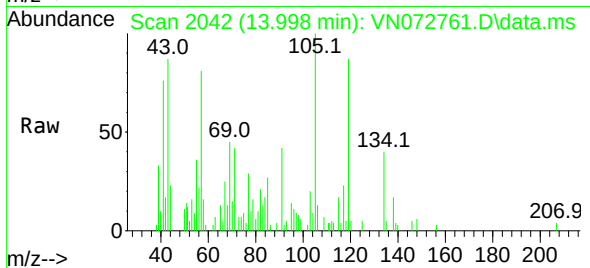
Tgt Ion: 91 Resp: 3637

Ion Ratio Lower Upper

91 100

92 0.0 26.9 80.7#

134 106.1 13.6 40.8#



#90

Hexachloroethane

Concen: 6.407 ug/l

RT: 14.210 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VN072761.D

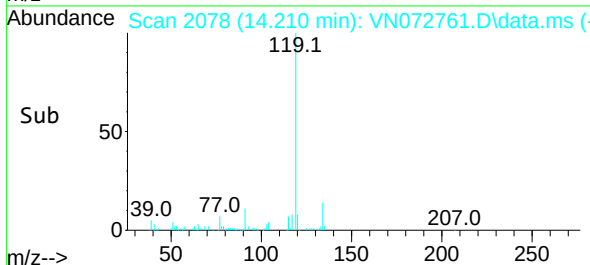
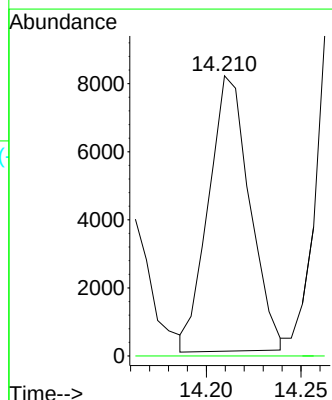
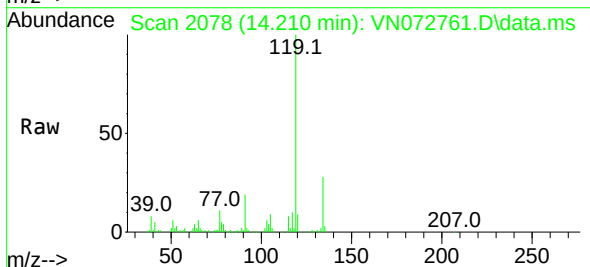
Acq: 10 Jun 2022 13:44

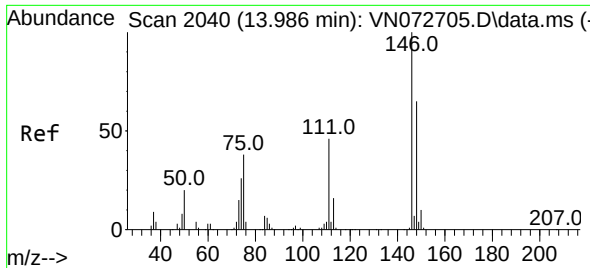
Tgt Ion: 117 Resp: 12249

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#

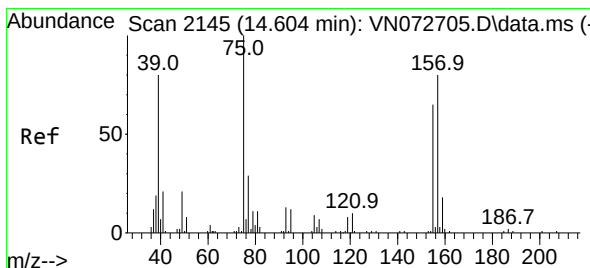
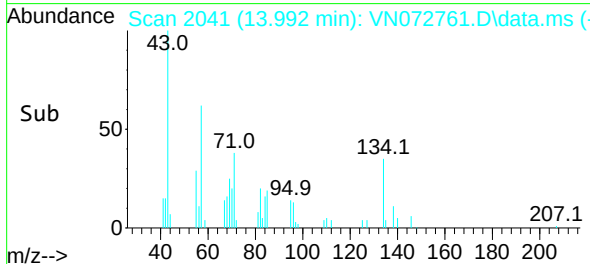
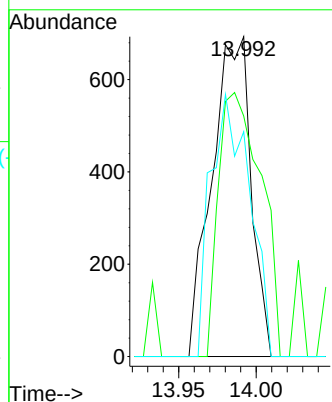
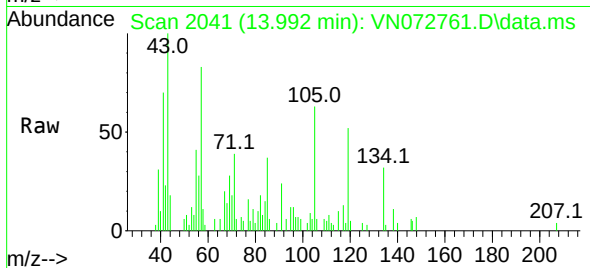




#91
1,2-Dichlorobenzene
Concen: 0.310 ug/l
RT: 13.992 min Scan# 2041
Delta R.T. 0.006 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

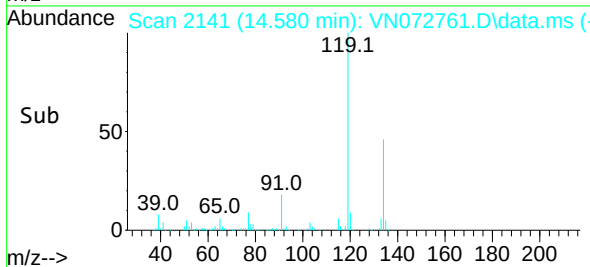
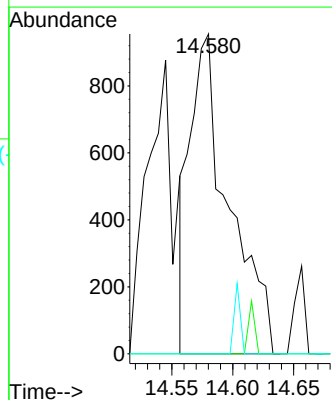
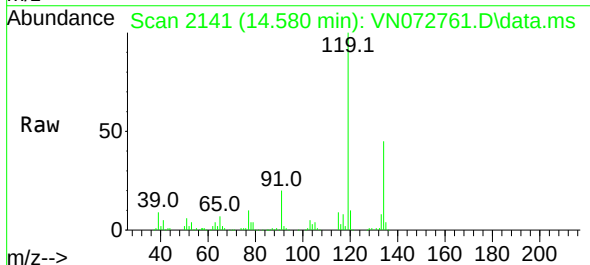
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

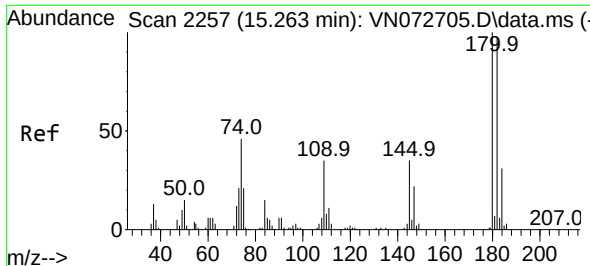
Tgt Ion:146 Resp: 1215
Ion Ratio Lower Upper
146 100
111 90.0 20.9 62.8#
148 81.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.101 ug/l
RT: 14.580 min Scan# 2141
Delta R.T. -0.024 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

Tgt Ion: 75 Resp: 2107
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#

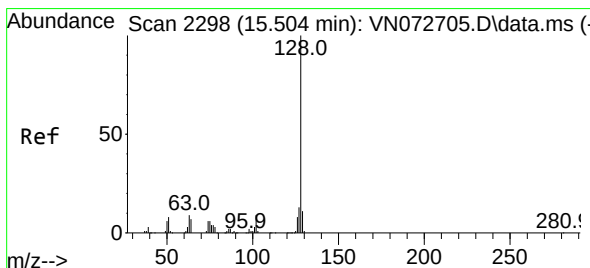
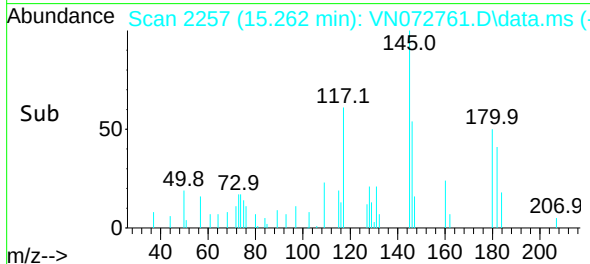
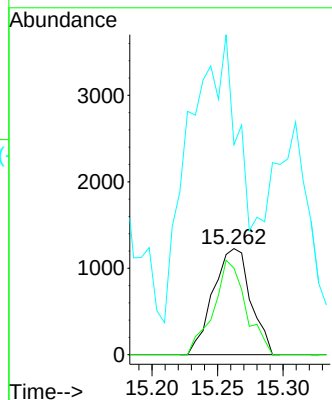
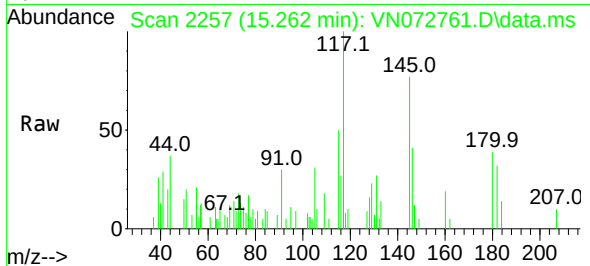




#93
1,2,4-Trichlorobenzene
Concen: 1.291 ug/l
RT: 15.262 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

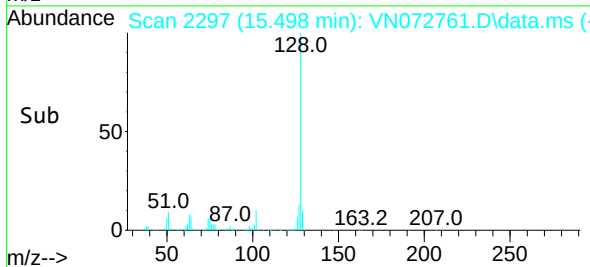
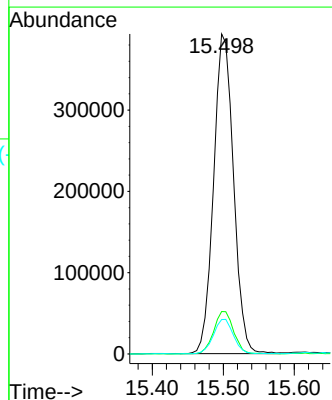
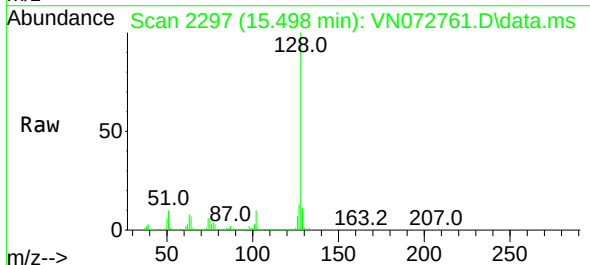
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4

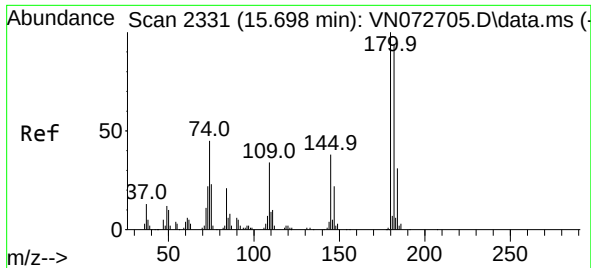
Tgt Ion:180 Resp: 2437
Ion Ratio Lower Upper
180 100
182 76.6 47.5 142.5
145 460.1 14.5 43.5#



#95
Naphthalene
Concen: 104.296 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN072761.D
Acq: 10 Jun 2022 13:44

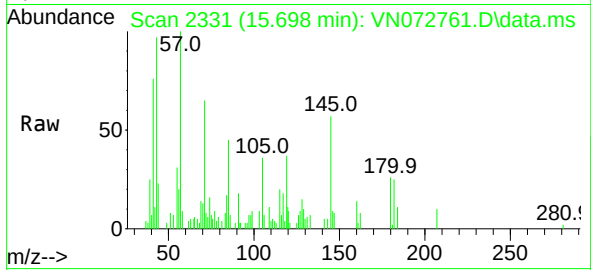
Tgt Ion:128 Resp: 763980
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.669 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072761.D
 Acq: 10 Jun 2022 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 21ST-CASING-4



Tgt Ion:180 Resp: 3137
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.8 143.3
 145 220.0 15.5 46.5#

