

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062110.D
 Acq On : 25 Jun 2020 14:52
 Operator : JC/MD
 Sample : L3071-02 100X
 Misc : 8.97g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

Quant Time: Jun 26 01:47:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	256697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	463104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	167829	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	
35) Dibromofluoromethane	7.55	113	143106	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	10.06	98	573838	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	203861	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	454	Below Cal	#	41
11) Tert butyl alcohol	4.70	59	1341	2.593	ug/l #	72
13) Acrolein	3.75	56	3197	6.313	ug/l	89
14) Allyl chloride	4.48	41	10970	2.734	ug/l #	63
15) Acrylonitrile	5.00	53	1199	0.851	ug/l #	35
16) Acetone	3.75	43	11989	6.660	ug/l #	50
17) Carbon Disulfide	4.01	76	1598	0.240	ug/l #	75
18) Methyl Acetate	4.28	43	794	0.277	ug/l #	46
25) 2-Butanone	6.78	43	1941	1.102	ug/l #	44
30) Chloroform	7.29	83	3211	0.536	ug/l #	17
31) Cyclohexane	7.60	56	25166	5.057	ug/l #	75
36) 1,1-Dichloropropene	7.63	75	20298	4.361	ug/l #	48
37) Ethyl Acetate	6.78	43	1941	0.504	ug/l #	83
38) Carbon Tetrachloride	7.62	117	25567	5.826	ug/l #	15
39) Methylcyclohexane	9.05	83	22093	4.332	ug/l	95
43) Isopropyl Acetate	8.13	43	5192	0.826	ug/l #	58
47) Bromodichloromethane	9.36	83	2191	0.457	ug/l #	26
48) Methyl methacrylate	9.19	41	3999	1.419	ug/l #	31
51) 4-Methyl-2-Pentanone	9.99	43	6950	1.893	ug/l #	71
52) Toluene	10.13	92	2279	0.263	ug/l	76
55) 1,1,2-Trichloroethane	10.50	97	2932	0.862	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.62	63	128	16.164	ug/l #	46
59) 2-Hexanone	10.70	43	1727	0.651	ug/l #	21
67) Ethyl Benzene	11.48	91	116087	7.049	ug/l	99
68) m/p-Xylenes	11.60	106	89044	13.979	ug/l	100
69) o-Xylene	11.92	106	2304	0.383	ug/l	84
71) Bromoform	12.38	173	1977	0.825	ug/l #	1
73) Isopropylbenzene	12.22	105	100272	6.779	ug/l	99
74) N-amyl acetate	12.03	43	352	3.403	ug/l #	60
76) 1,2,3-Trichloropropane	12.38	75	103142	22.930	ug/l #	100
78) n-propylbenzene	12.57	91	219268	12.960	ug/l	99
79) 2-Chlorotoluene	12.66	91	21781	2.130	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	198922	16.590	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	103142	66.964	ug/l #	13

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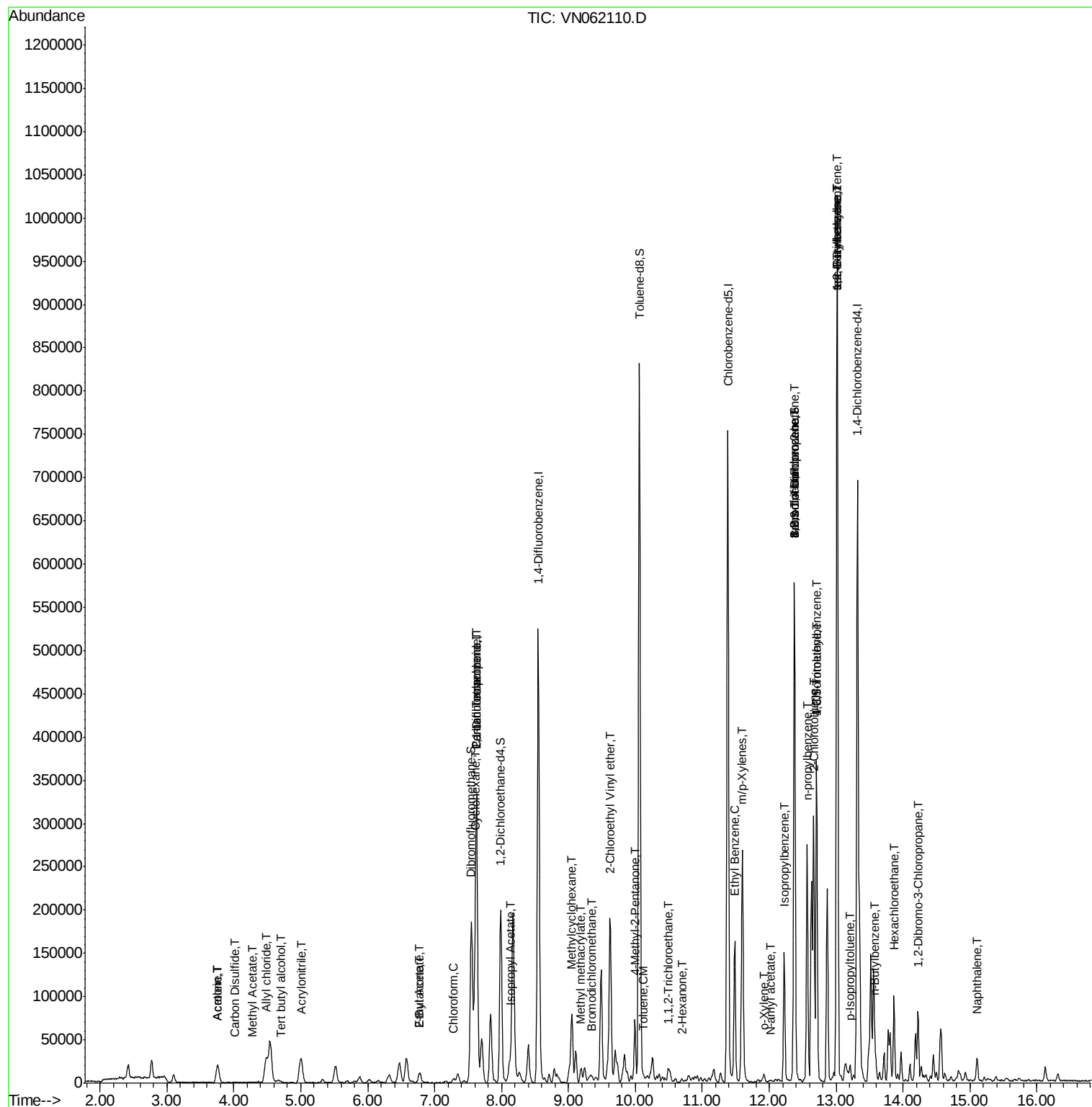
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.71	91	21335	2.017	ug/l #	41
83) tert-Butylbenzene	13.02	119	69896	6.812	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.01	105	569060	47.519	ug/l	99
85) sec-Butylbenzene	13.01	105	569060	41.968	ug/l #	57
86) p-Isopropyltoluene	13.21	119	10801	0.909	ug/l	100
89) n-Butylbenzene	13.59	91	12317	1.247	ug/l #	64
90) Hexachloroethane	13.86	117	5778	2.479	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.22	75	329	0.417	ug/l #	3
95) Naphthalene	15.11	128	23403	6.359	ug/l	98

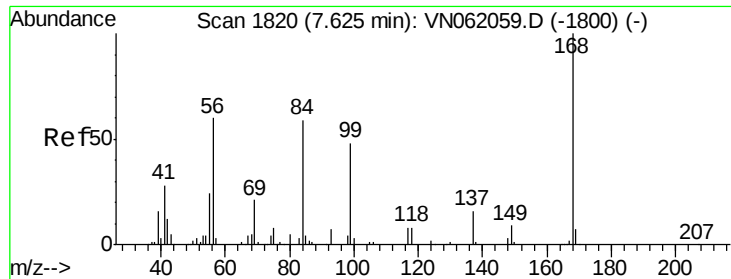
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

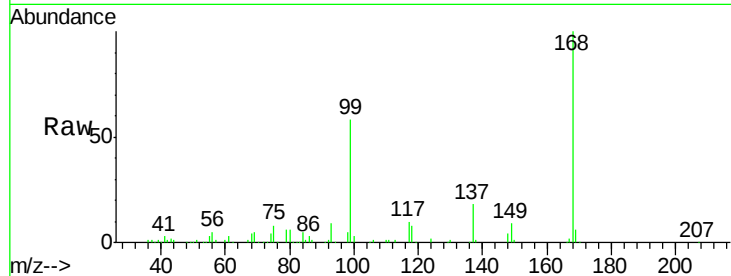
TW-7A

Tgt Ion:168 Resp: 256697

Ion Ratio Lower Upper

168 100

99 57.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

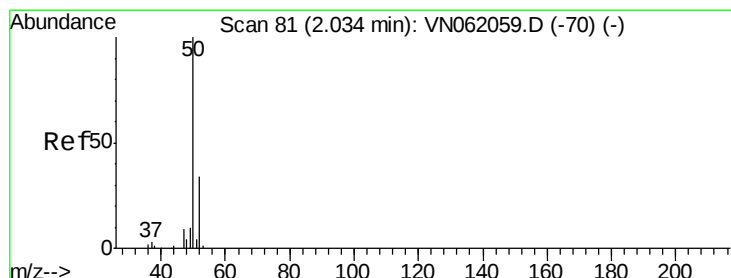
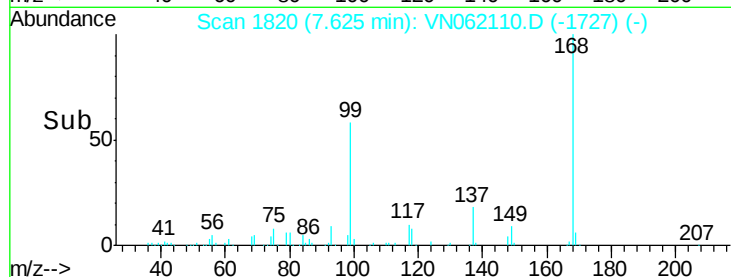
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062110.D

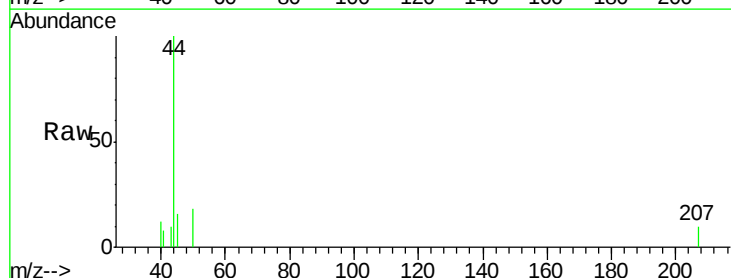
Acq: 25 Jun 2020 14:52

Tgt Ion: 50 Resp: 454

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

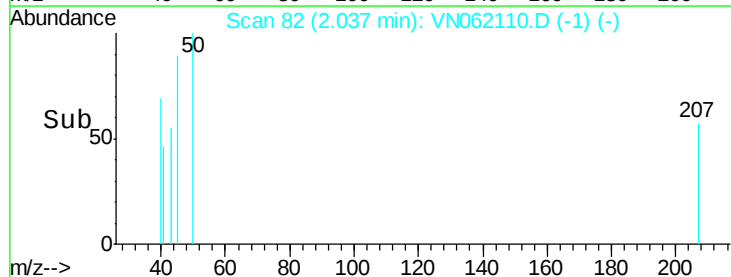
300

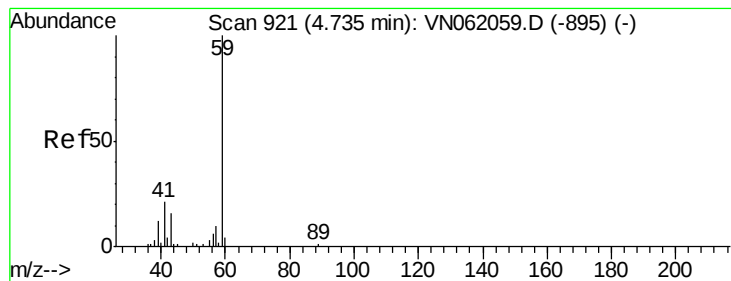
200

100

0

Time--> 2.00 2.02 2.04 2.06



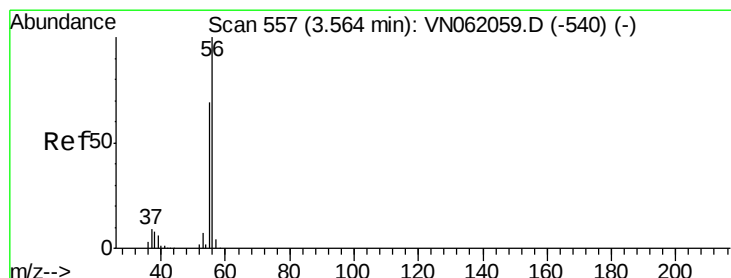
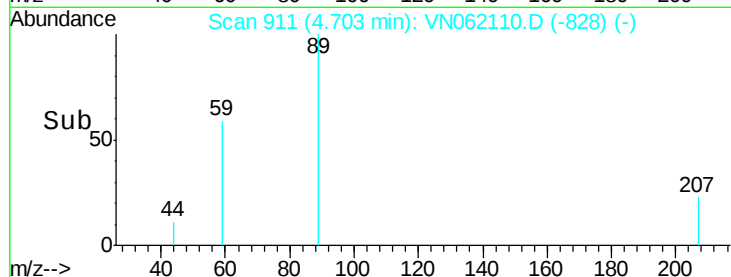
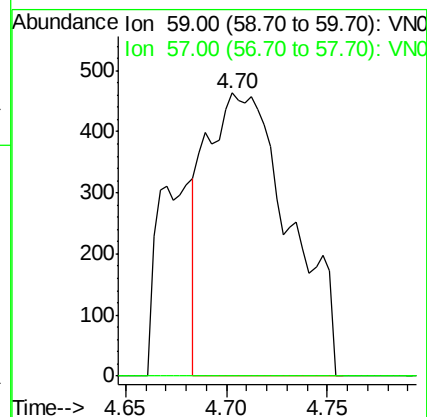
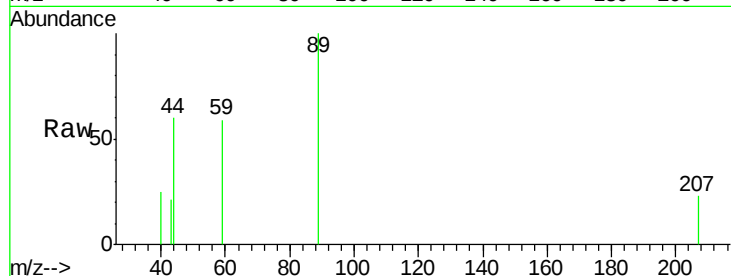


#11

Tert butyl alcohol
 Concen: 2.593 ug/l
 RT: 4.70 min Scan# 911
 Delta R.T. -0.03 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

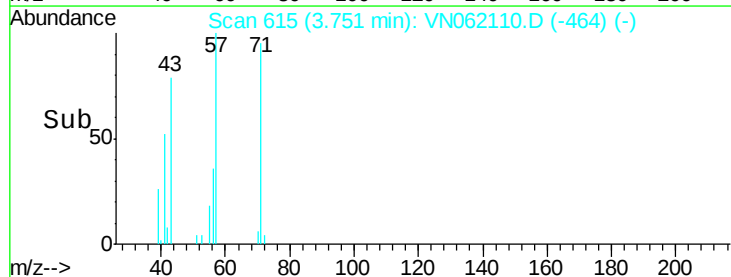
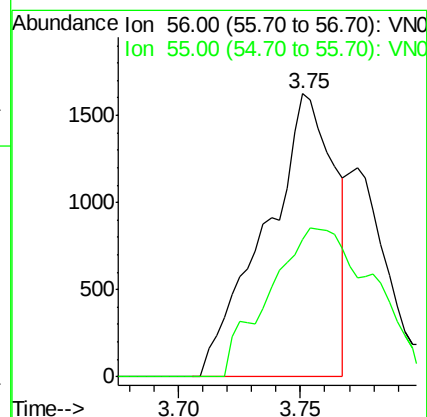
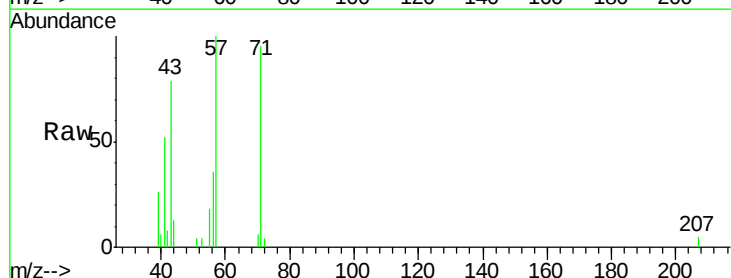
Tgt Ion: 59 Resp: 1341
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

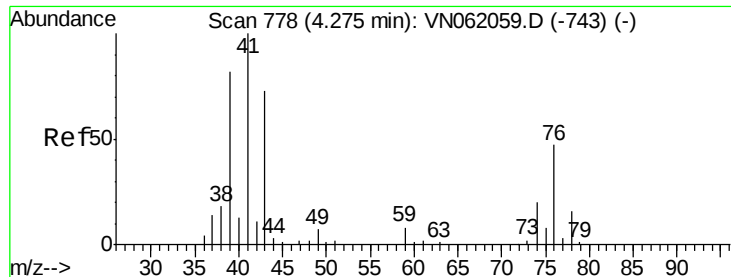


#13

Acrolein
 Concen: 6.313 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. 0.19 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 56 Resp: 3197
 Ion Ratio Lower Upper
 56 100
 55 78.3 55.5 83.3





#14

Allyl chloride

Concen: 2.734 ug/l

RT: 4.48 min Scan# 842

Delta R.T. 0.21 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampled :

TW-7A

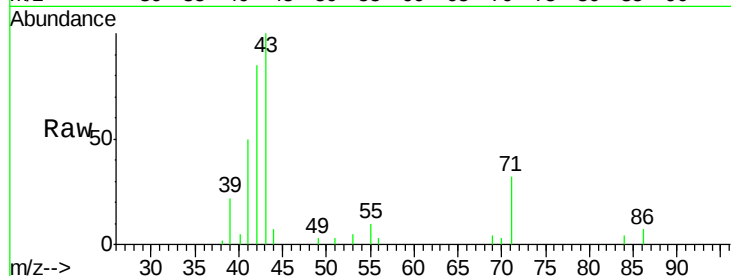
Tgt Ion: 41 Resp: 10970

Ion Ratio Lower Upper

41 100

39 57.3 60.0 90.0#

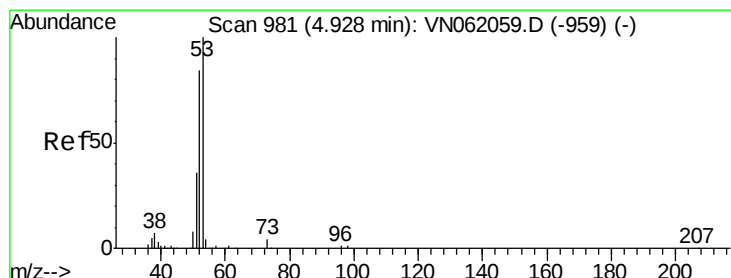
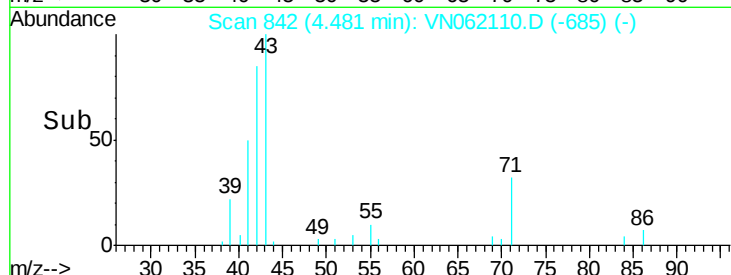
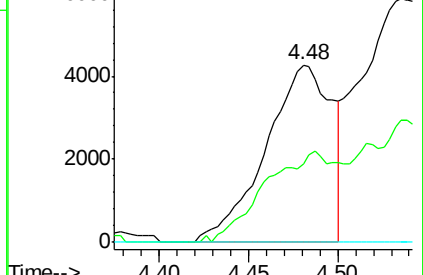
76 0.0 34.1 51.1#



Abundance Ion 41.00 (40.70 to 41.70): VN062110.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062110.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062110.D (-685) (-)



#15

Acrylonitrile

Concen: 0.851 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.07 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

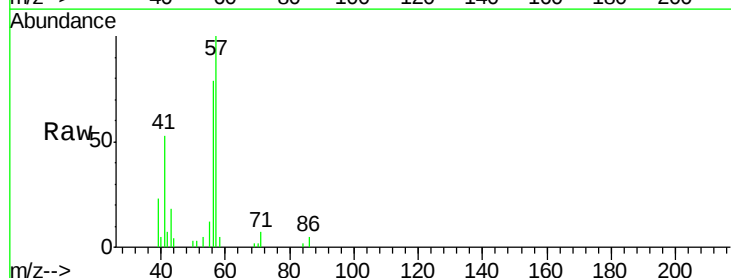
Tgt Ion: 53 Resp: 1199

Ion Ratio Lower Upper

53 100

52 5.1 66.2 99.4#

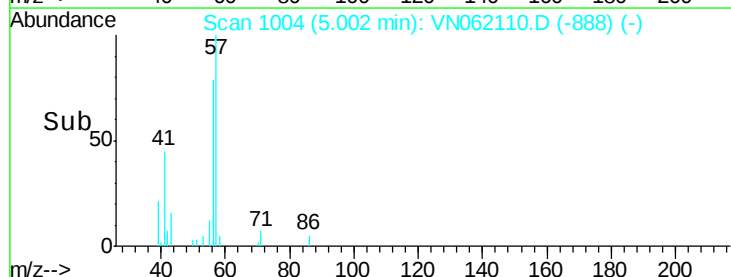
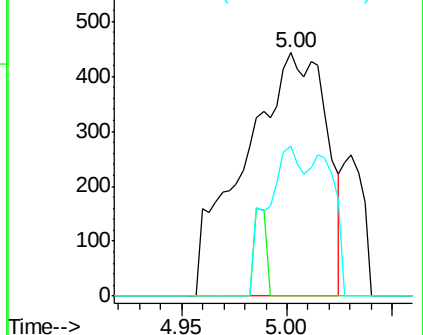
51 27.1 28.9 43.3#

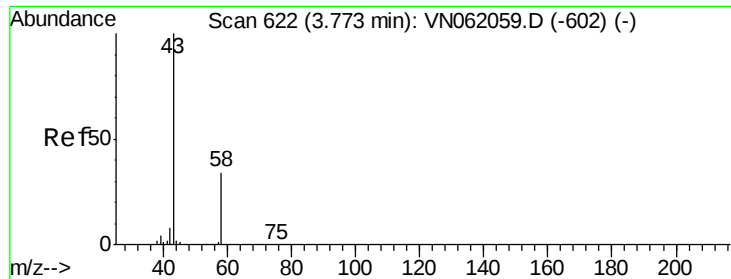


Abundance Ion 53.00 (52.70 to 53.70): VN062110.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062110.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062110.D (-888) (-)





#16

Acetone

Concen: 6.660 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.02 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

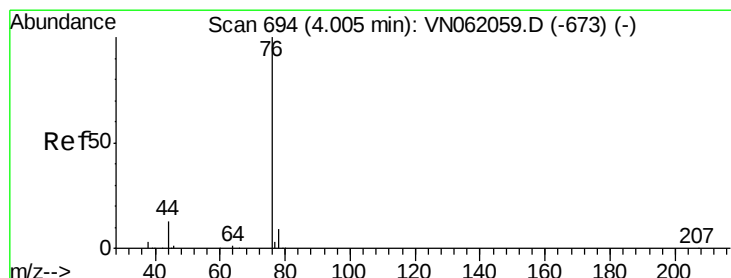
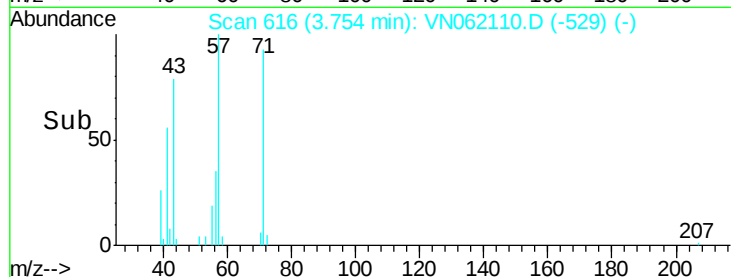
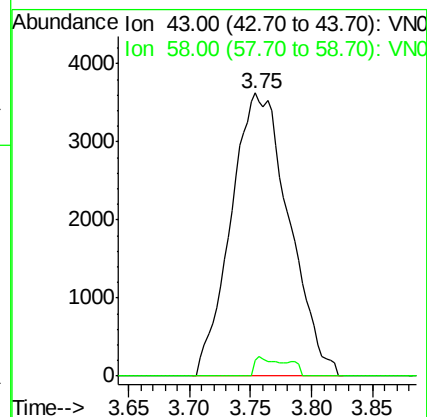
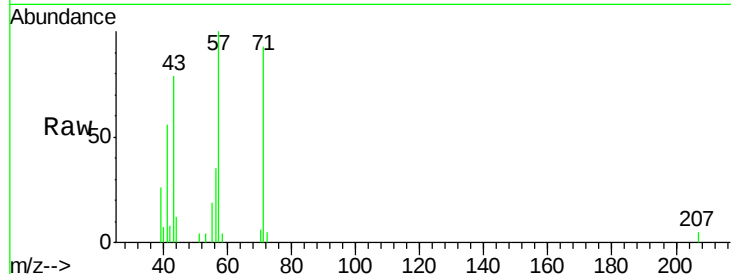
TW-7A

Tgt Ion: 43 Resp: 11989

Ion Ratio Lower Upper

43 100

58 5.6 27.5 41.3#



#17

Carbon Disulfide

Concen: 0.240 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062110.D

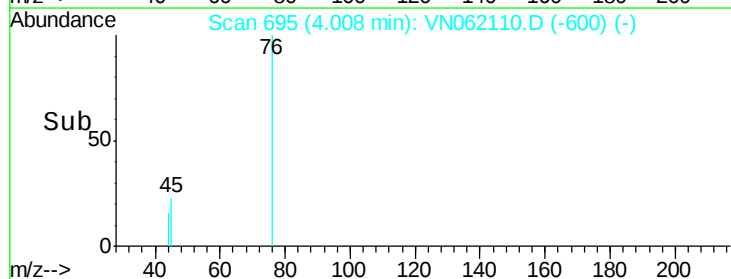
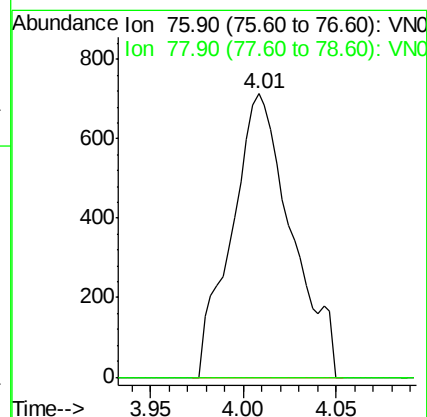
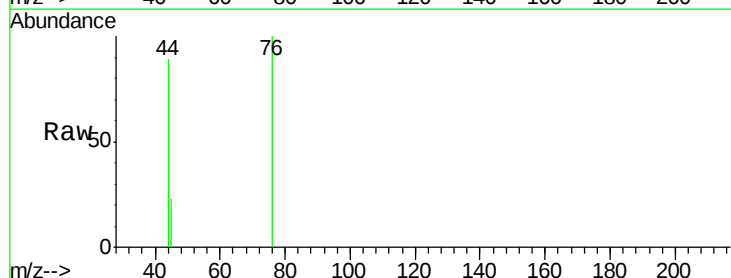
Acq: 25 Jun 2020 14:52

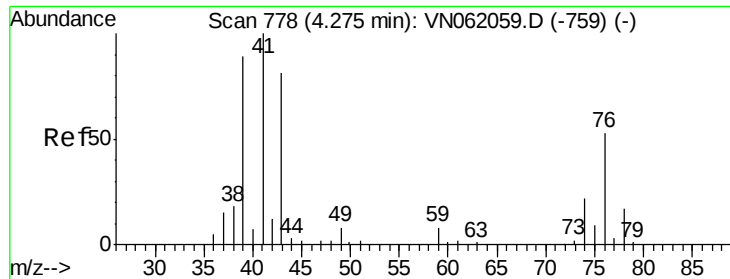
Tgt Ion: 76 Resp: 1598

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

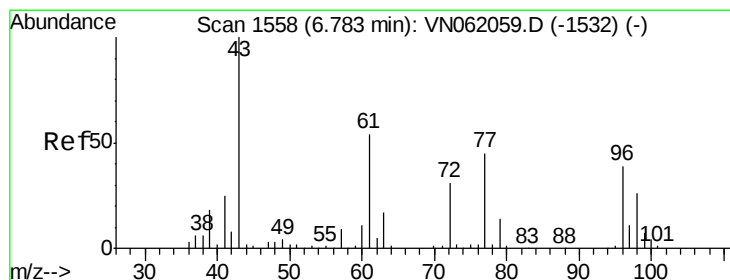
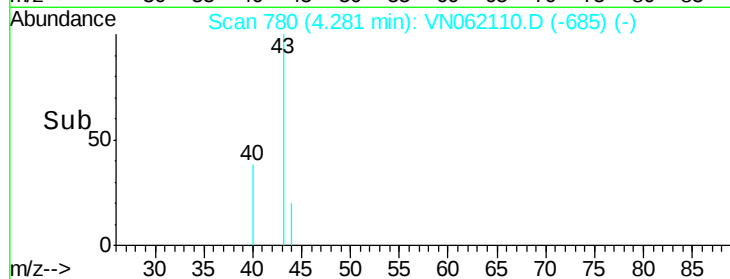
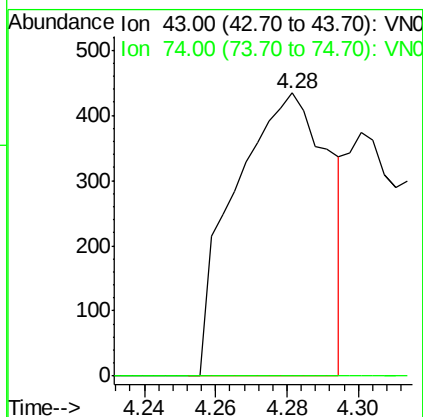
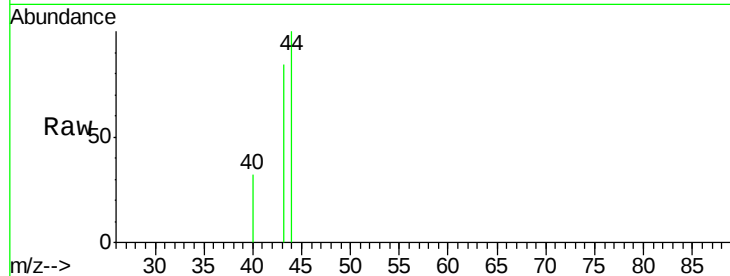




#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

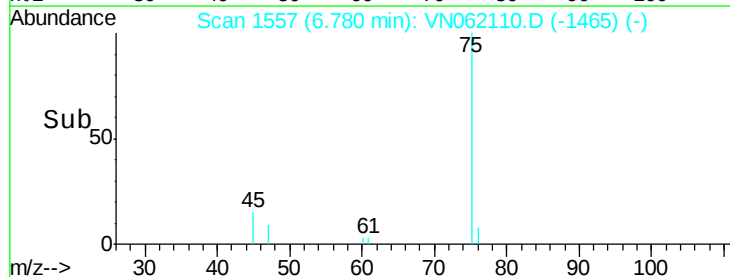
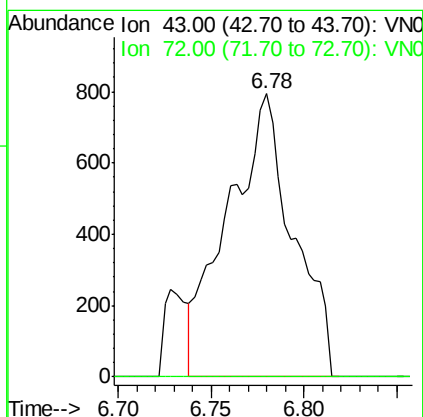
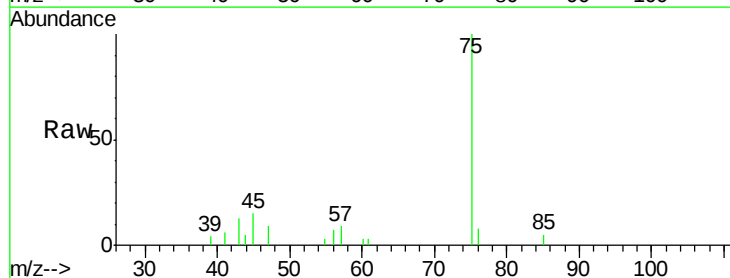
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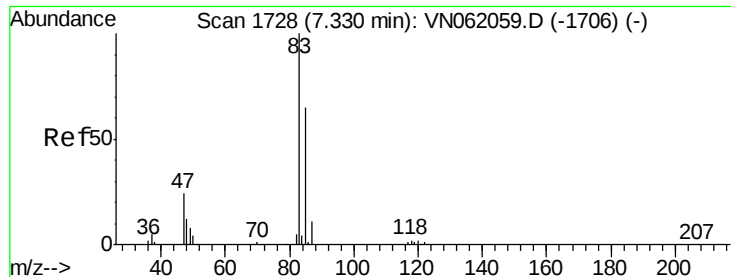
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 0.0 22.9 34.3#



#25
2-Butanone
Concen: 1.102 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#

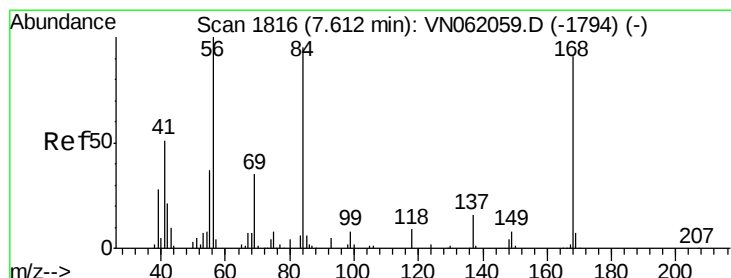
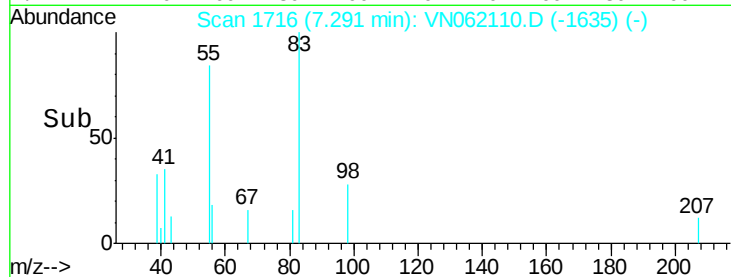
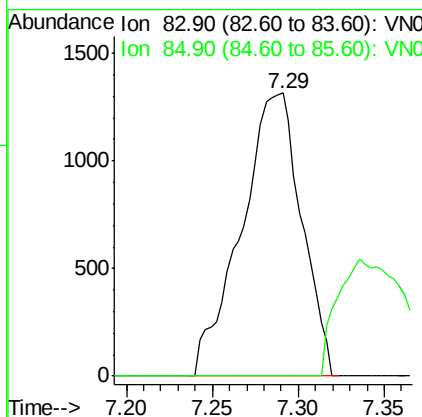
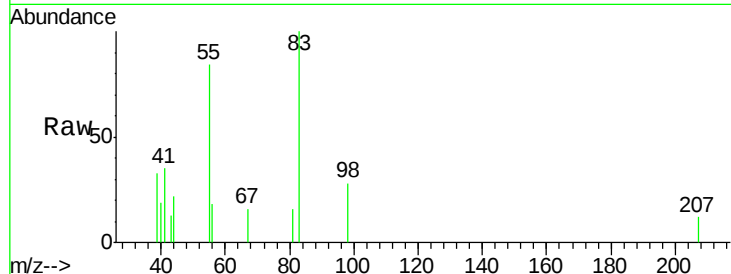




#30
Chloroform
Concen: 0.536 ug/l
RT: 7.29 min Scan# 1716
Delta R.T. -0.04 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

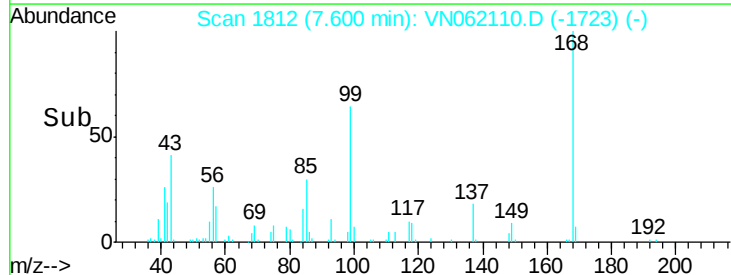
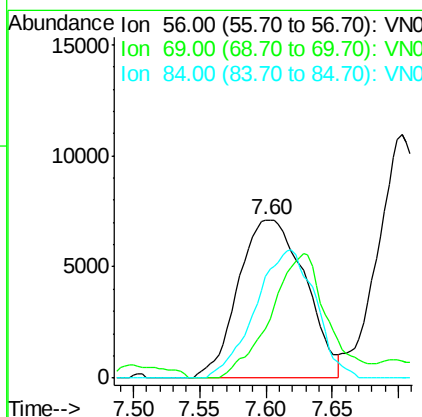
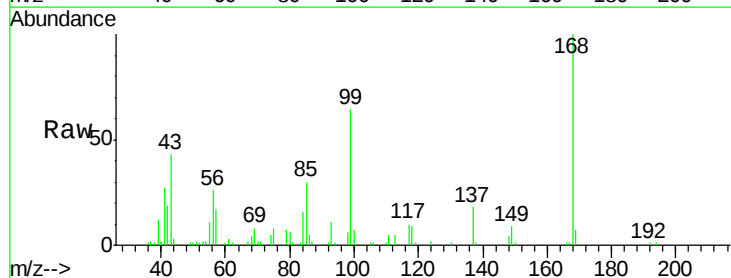
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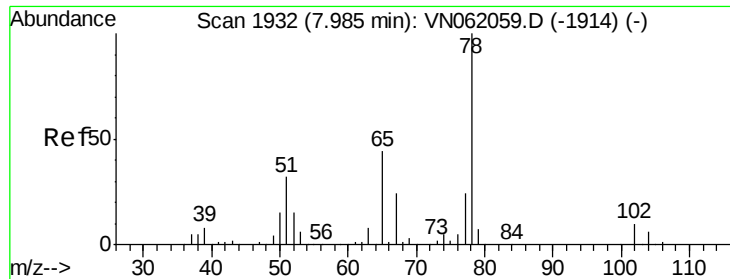
Tgt Ion: 83 Resp: 3211
Ion Ratio Lower Upper
83 100
85 0.0 52.3 78.5#



#31
Cyclohexane
Concen: 5.057 ug/l
RT: 7.60 min Scan# 1812
Delta R.T. -0.01 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 56 Resp: 25166
Ion Ratio Lower Upper
56 100
69 30.9 28.0 42.0
84 64.0 76.1 114.1#

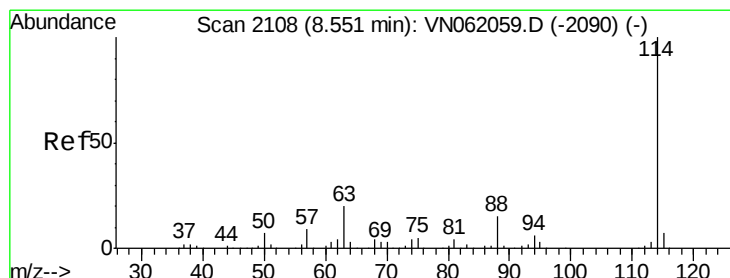
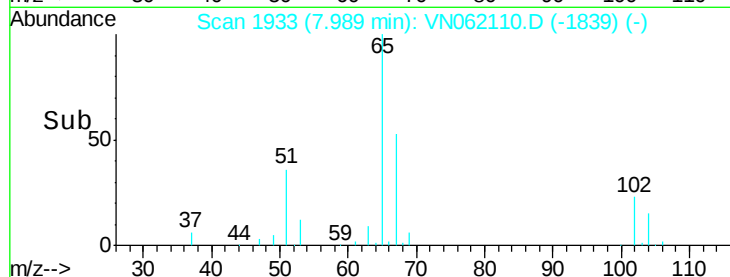
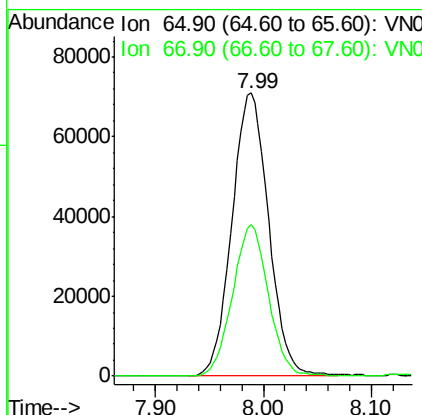
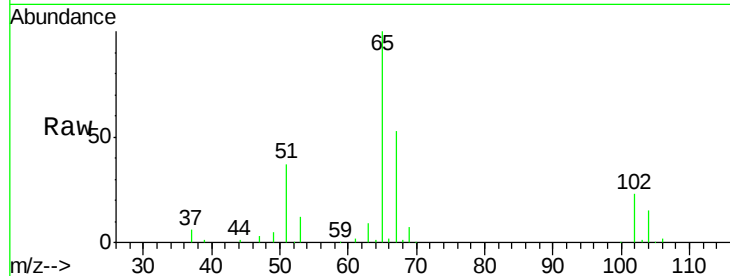




#33
 1,2-Dichloroethane-d4
 Concen: 46.589 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

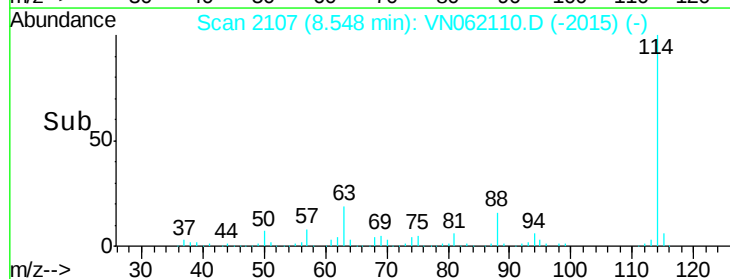
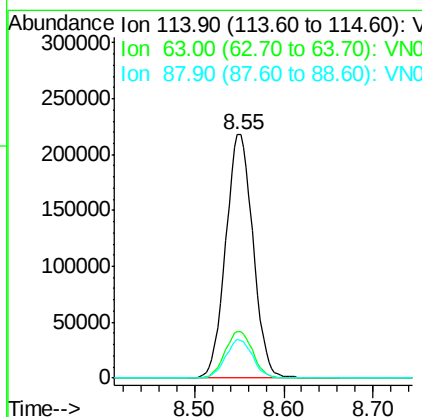
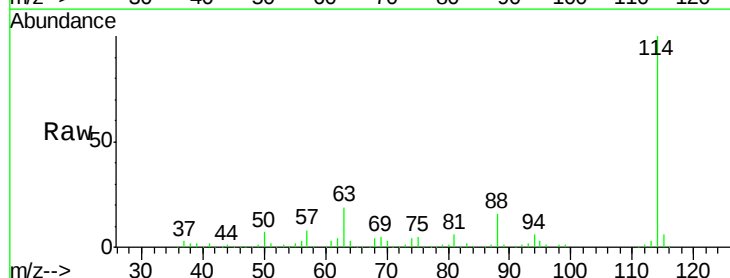
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

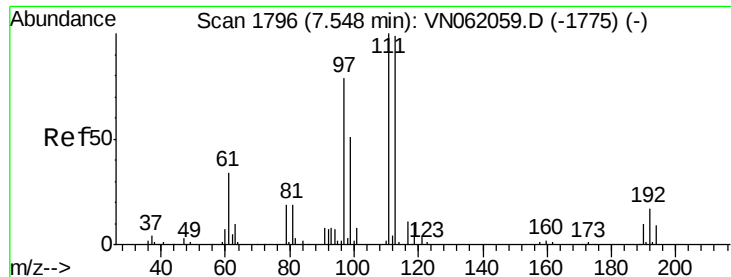
Tgt Ion: 65 Resp: 167829
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 114 Resp: 463104
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.8 0.0 30.8

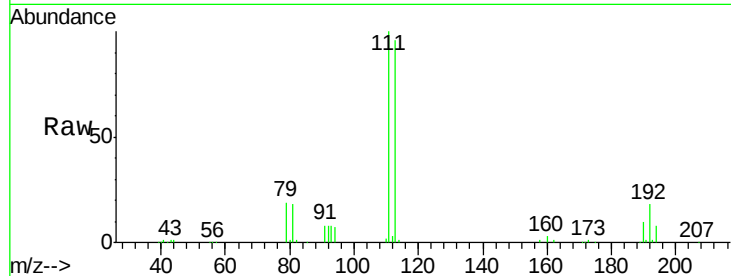




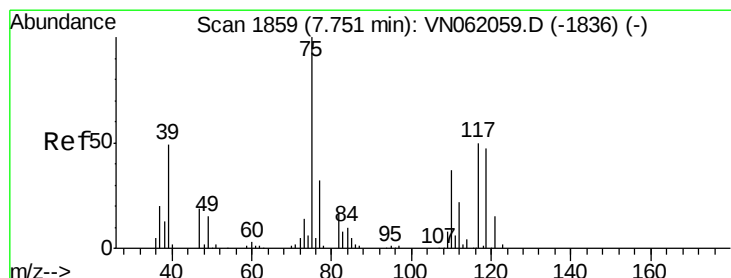
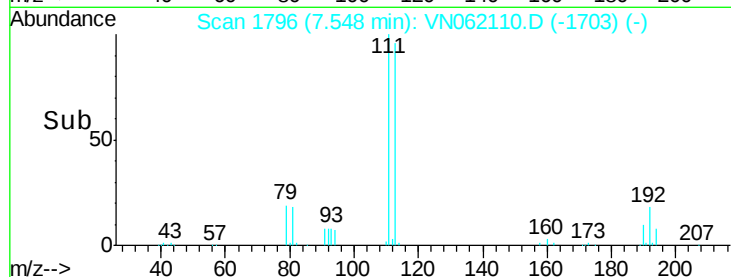
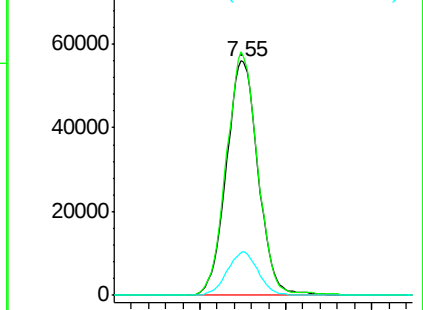
#35
 Dibromofluoromethane
 Concen: 48.167 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	18.1	14.0	21.0

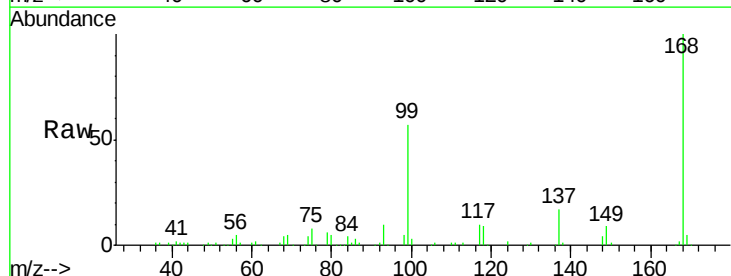


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

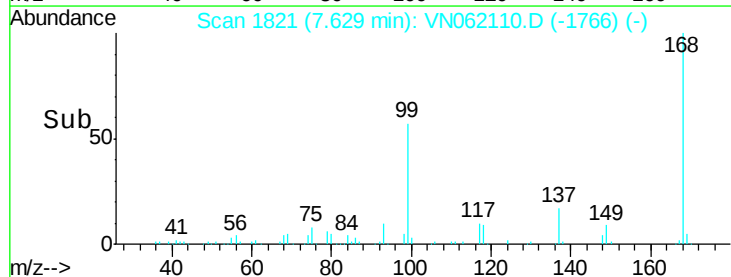
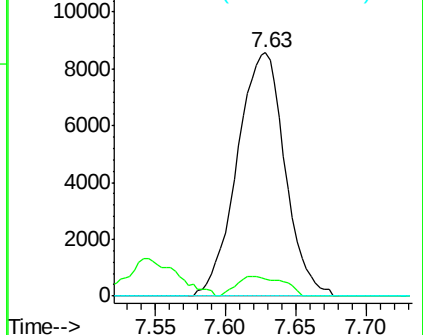


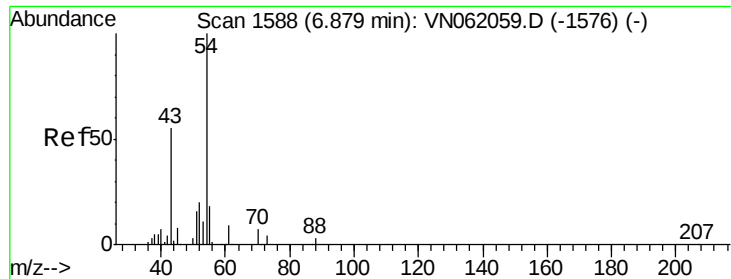
#36
 1,1-Dichloropropene
 Concen: 4.361 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.9	53.8#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

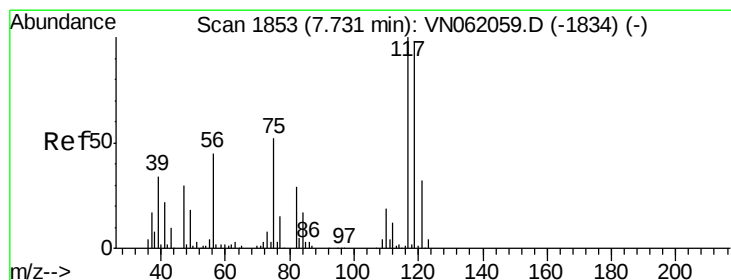
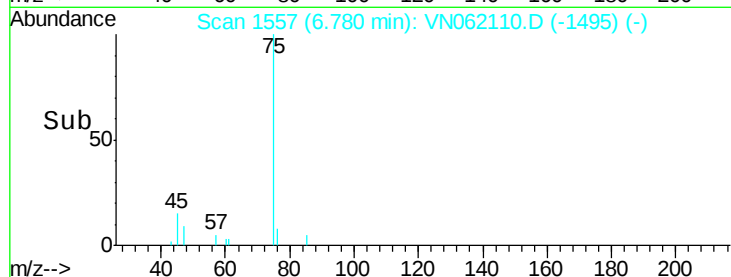
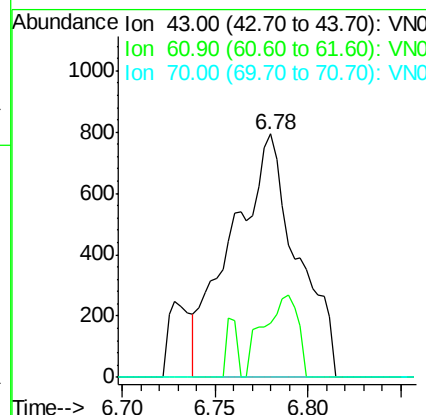
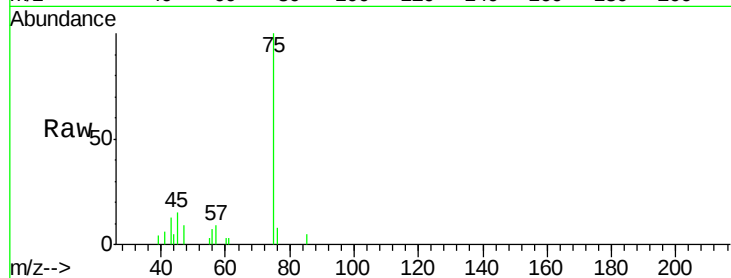




#37
 Ethyl Acetate
 Concen: 0.504 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

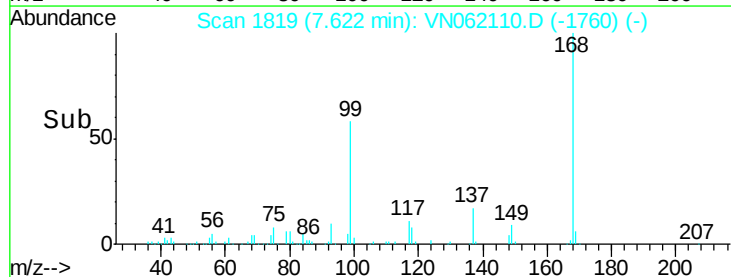
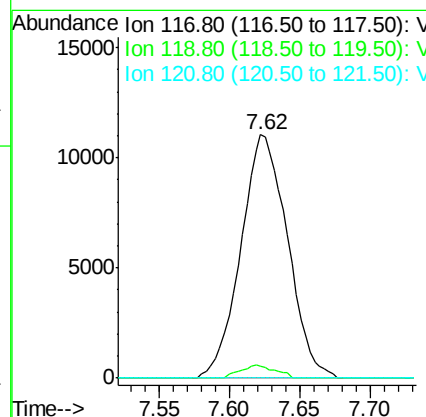
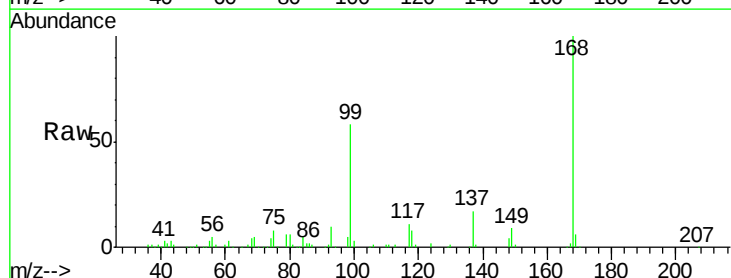
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

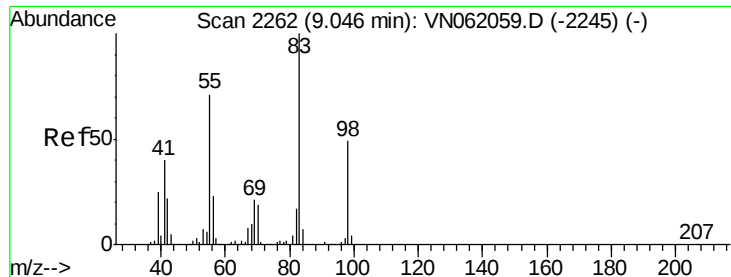
Tgt Ion: 43 Resp: 1941
 Ion Ratio Lower Upper
 43 100
 61 17.8 12.0 18.0
 70 0.0 9.6 14.4#



#38
 Carbon Tetrachloride
 Concen: 5.826 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 117 Resp: 25567
 Ion Ratio Lower Upper
 117 100
 119 5.0 78.2 117.2#
 121 0.0 25.8 38.6#

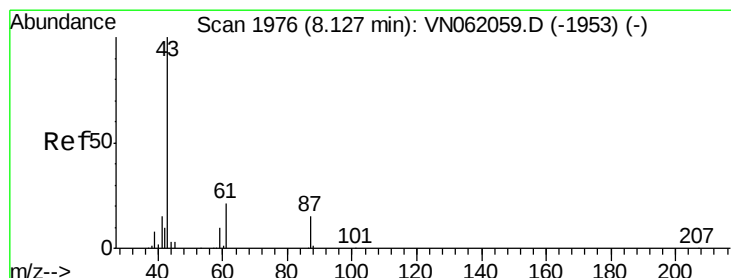
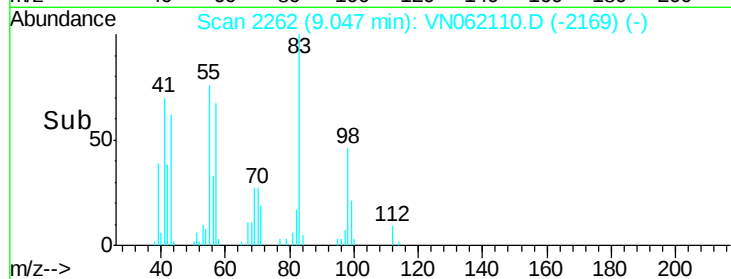
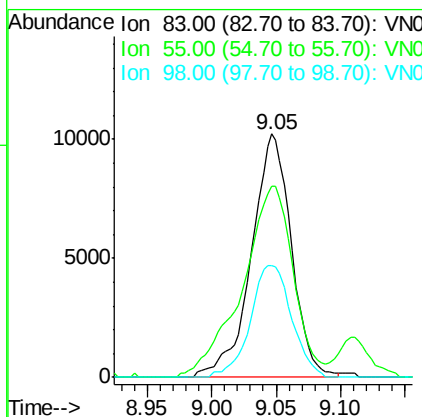
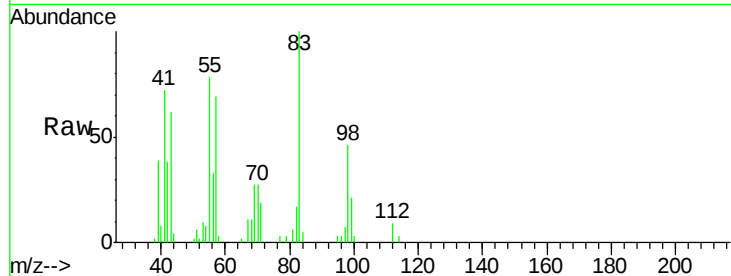




#39
Methylcyclohexane
Concen: 4.332 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

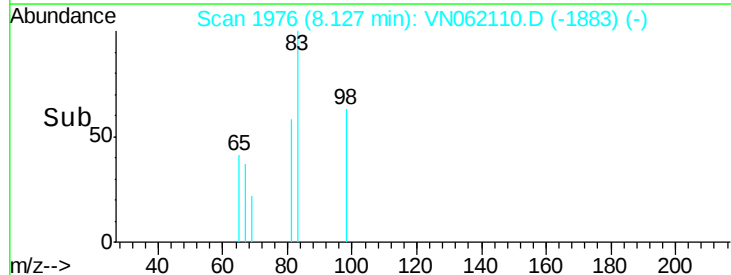
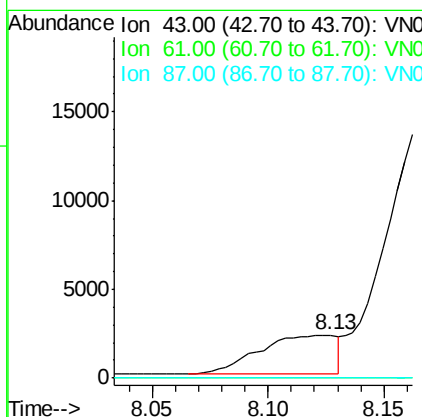
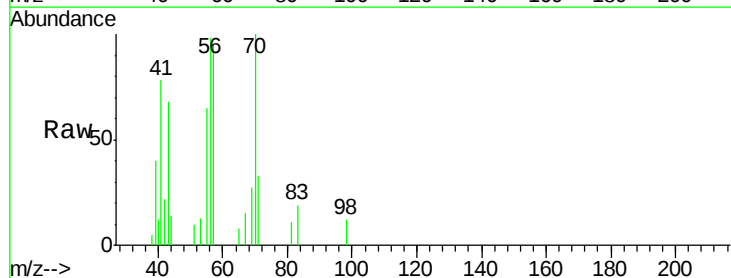
Instrument :
MSVOA_N
ClientSampled :
TW-7A

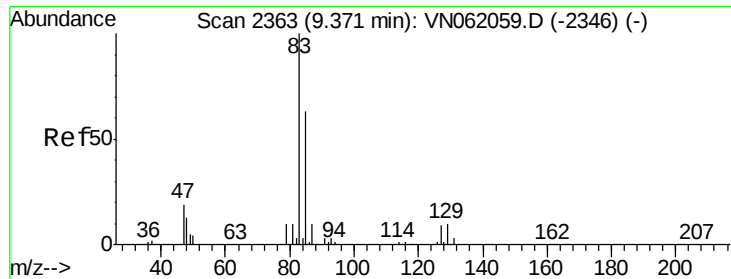
Tgt Ion: 83 Resp: 22093
Ion Ratio Lower Upper
83 100
55 75.7 57.0 85.6
98 46.2 39.0 58.6



#43
Isopropyl Acetate
Concen: 0.826 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 43 Resp: 5192
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 12.1 18.1#





#47

Bromodichloromethane

Concen: 0.457 ug/l

RT: 9.36 min Scan# 2358

Delta R.T. -0.02 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

TW-7A

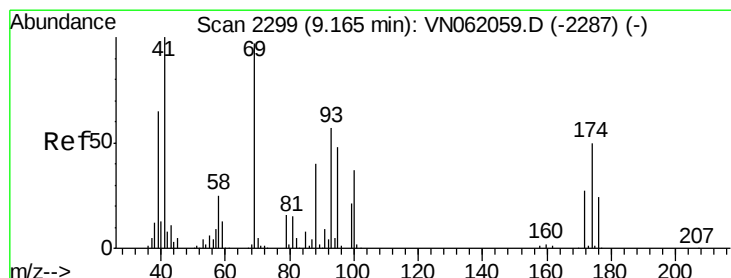
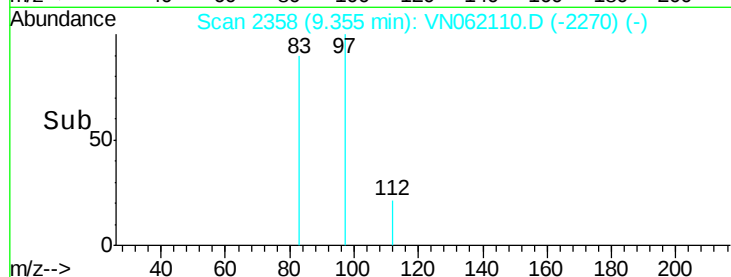
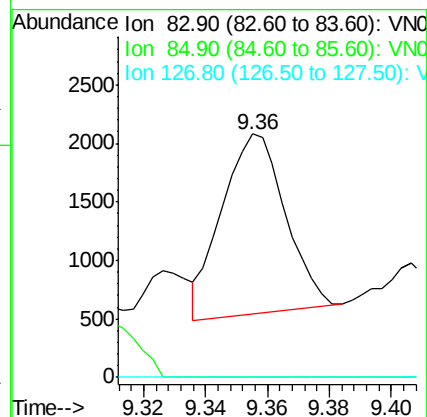
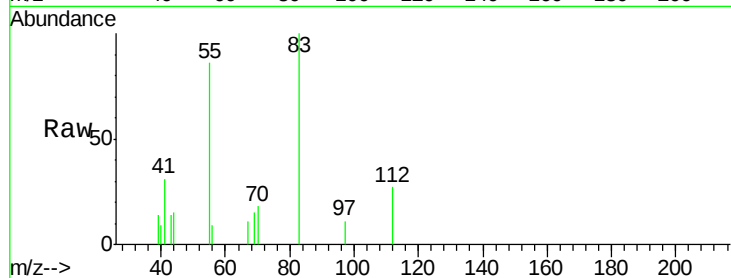
Tgt Ion: 83 Resp: 2191

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 1.419 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.03 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

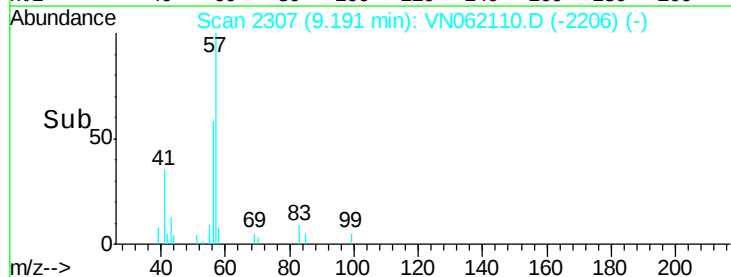
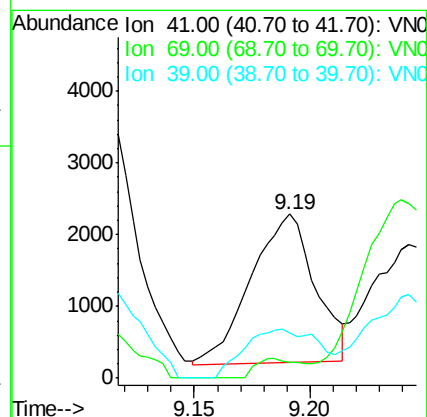
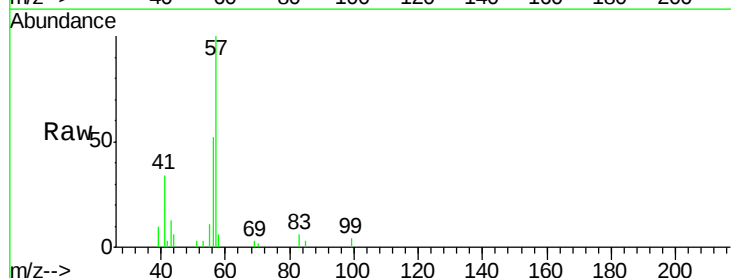
Tgt Ion: 41 Resp: 3999

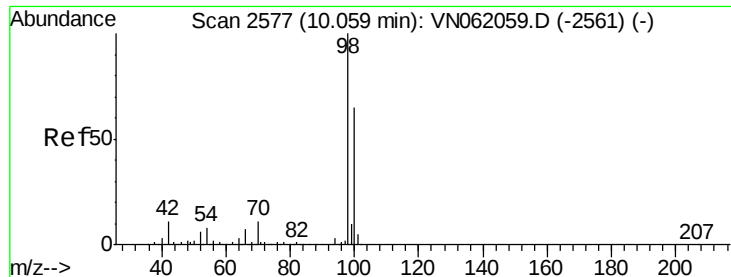
Ion Ratio Lower Upper

41 100

69 9.7 80.7 121.1#

39 38.2 54.5 81.7#





#50

Toluene-d8

Concen: 48.318 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

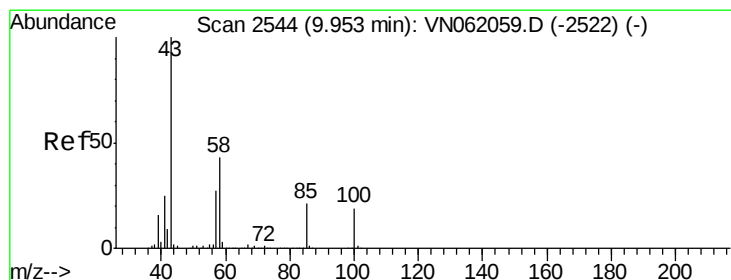
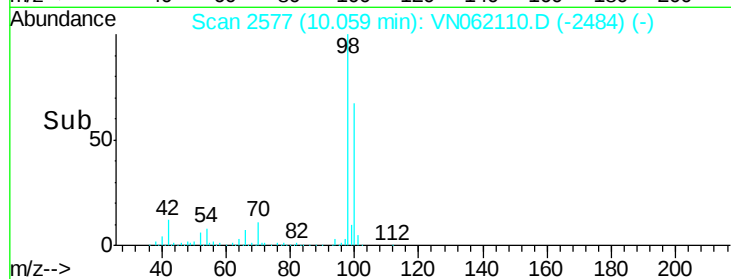
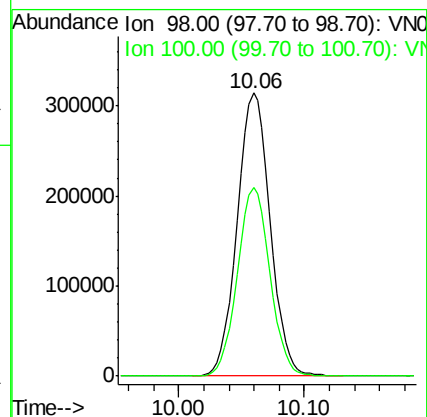
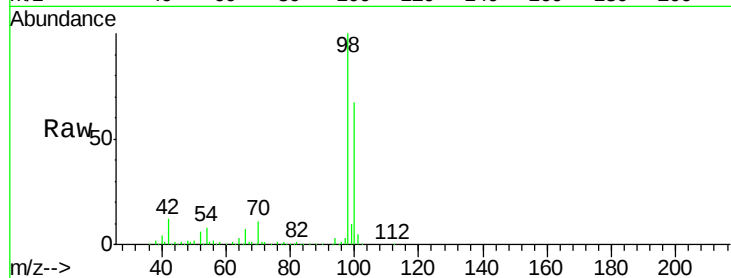
TW-7A

Tgt Ion: 98 Resp: 573838

Ion Ratio Lower Upper

98 100

100 65.8 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.893 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.04 min

Lab File: VN062110.D

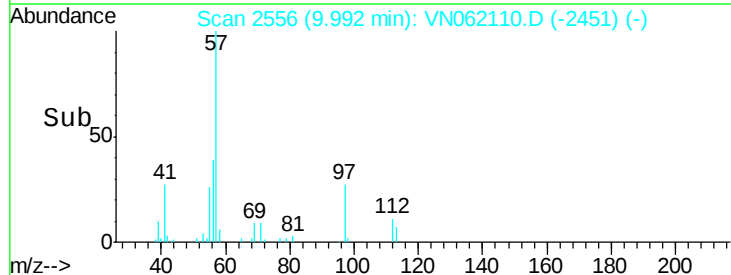
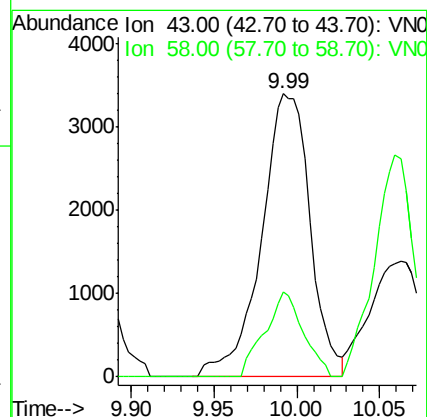
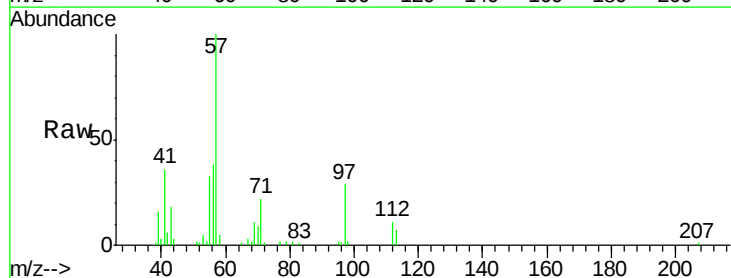
Acq: 25 Jun 2020 14:52

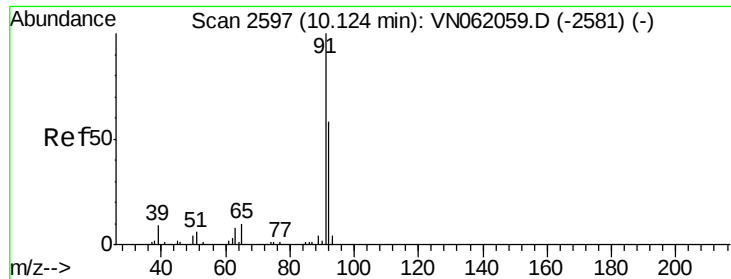
Tgt Ion: 43 Resp: 6950

Ion Ratio Lower Upper

43 100

58 23.9 34.2 51.2#





#52

Toluene

Concen: 0.263 ug/l

RT: 10.13 min Scan# 2599

Delta R.T. 0.01 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

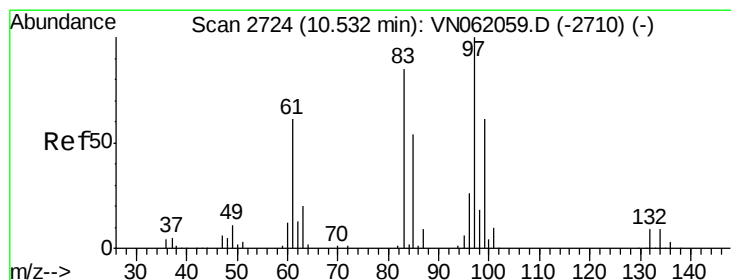
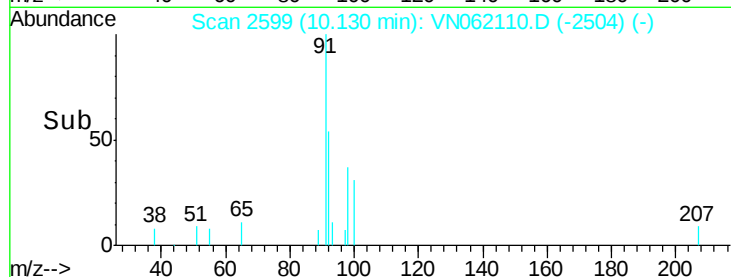
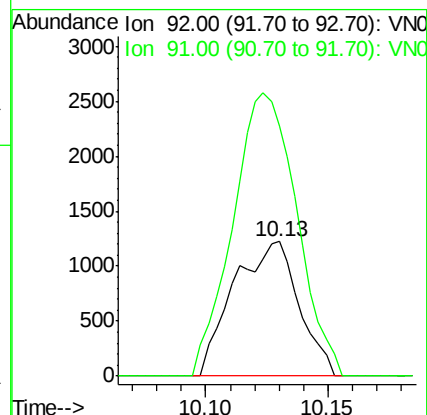
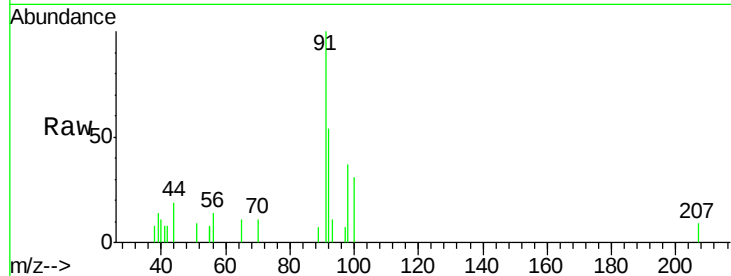
TW-7A

Tgt Ion: 92 Resp: 2279

Ion Ratio Lower Upper

92 100

91 205.2 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 0.862 ug/l

RT: 10.50 min Scan# 2715

Delta R.T. -0.03 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Tgt Ion: 97 Resp: 2932

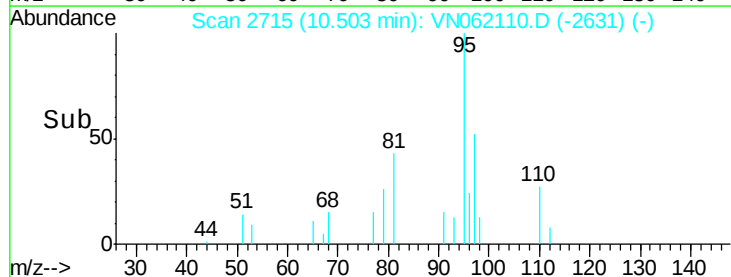
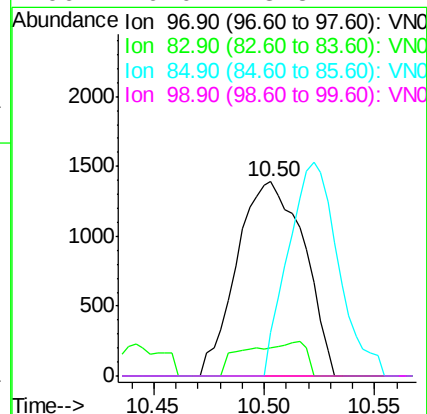
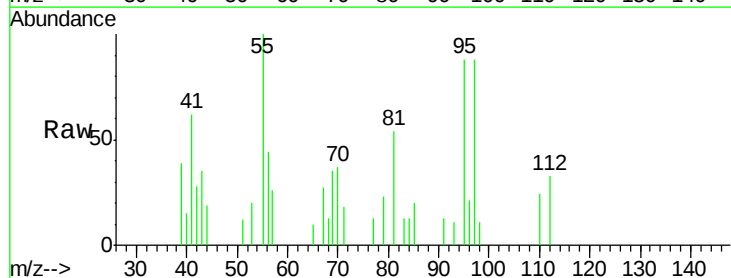
Ion Ratio Lower Upper

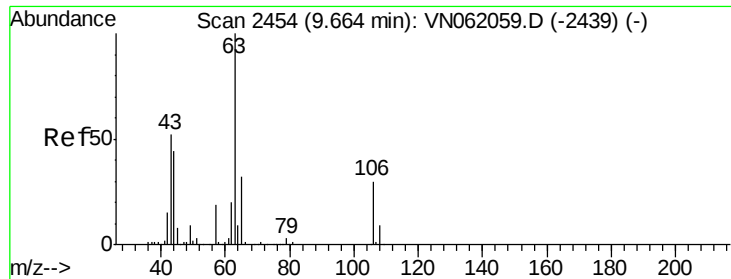
97 100

83 14.4 68.2 102.2#

85 22.3 43.2 64.8#

99 0.0 48.5 72.7#

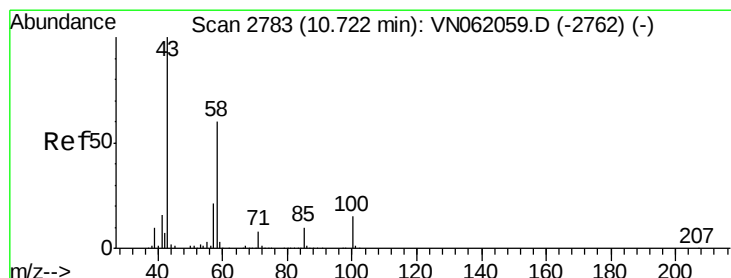
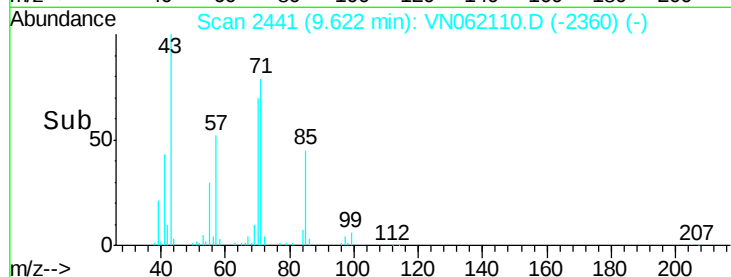
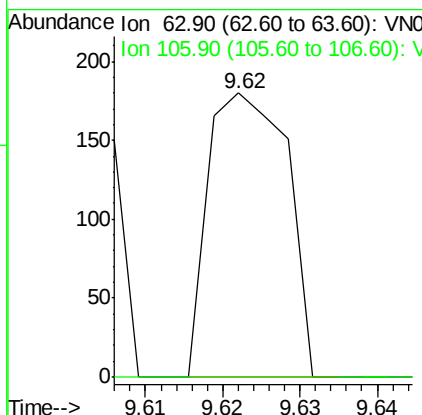
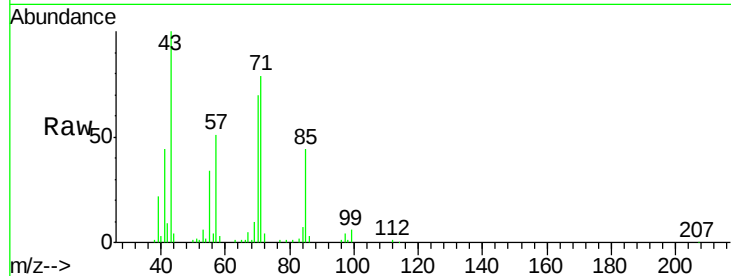




#58
 2-Chloroethyl Vinyl ether
 Concen: 16.164 ug/l
 RT: 9.62 min Scan# 2441
 Delta R.T. -0.04 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

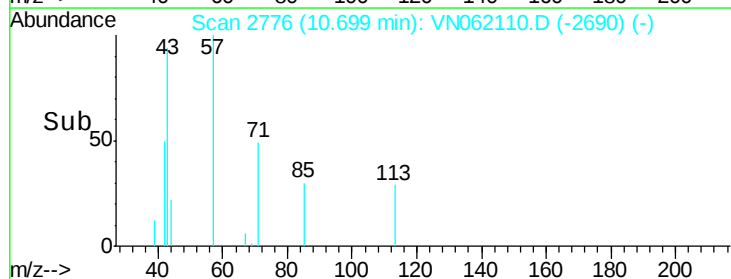
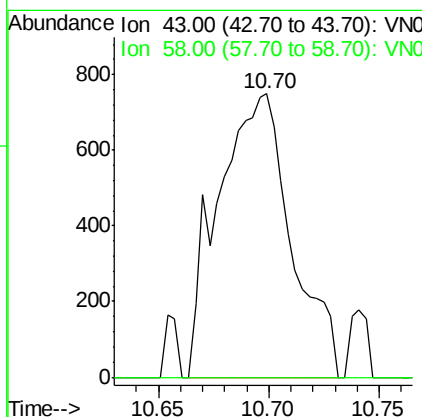
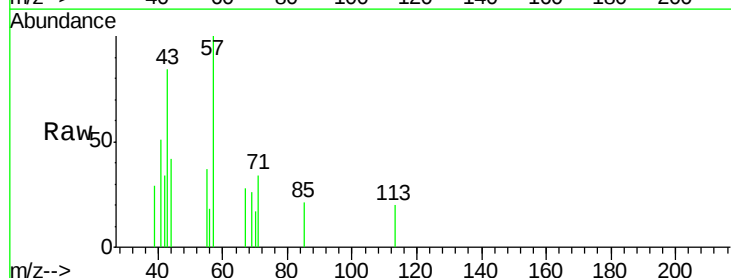
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

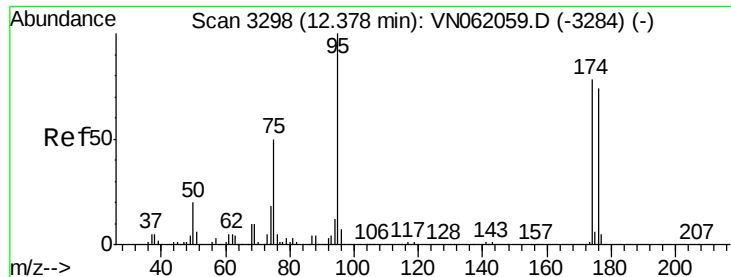
Tgt Ion: 63 Resp: 128
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#



#59
 2-Hexanone
 Concen: 0.651 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.02 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 43 Resp: 1727
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.5 88.5#

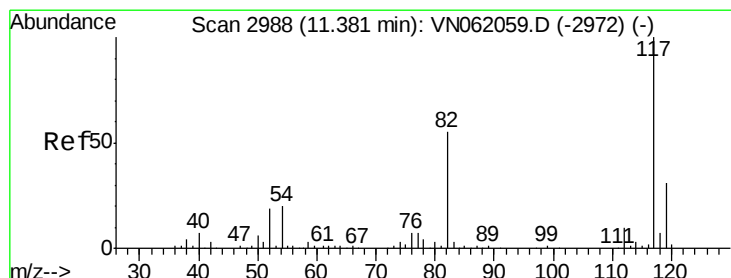
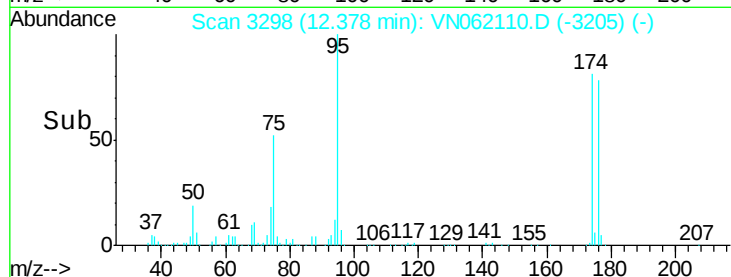
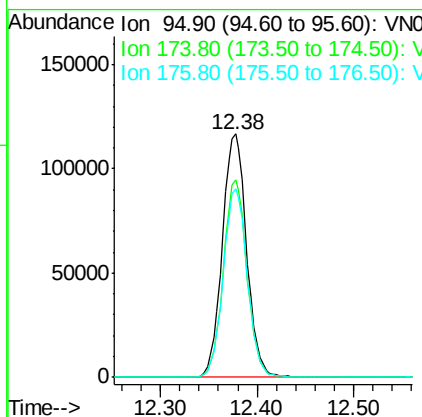
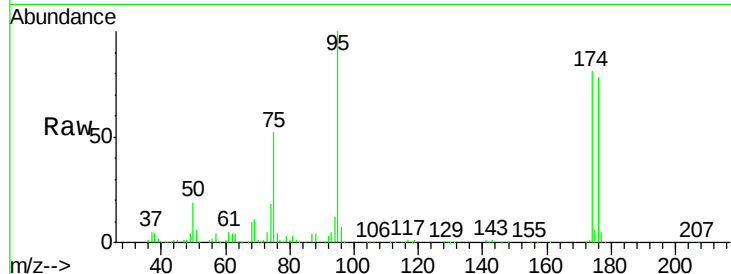




#62
4-Bromofluorobenzene
Concen: 50.807 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

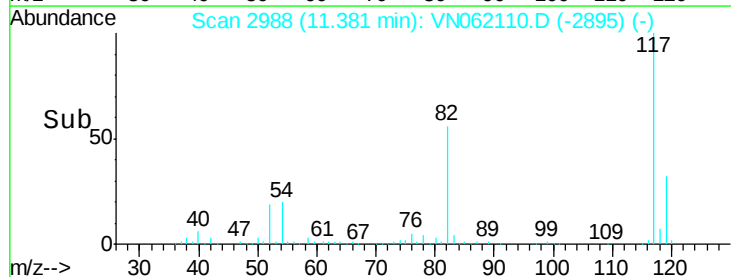
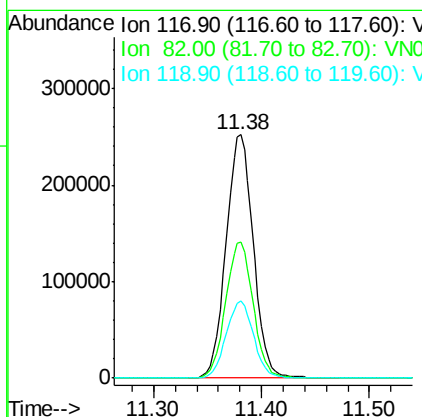
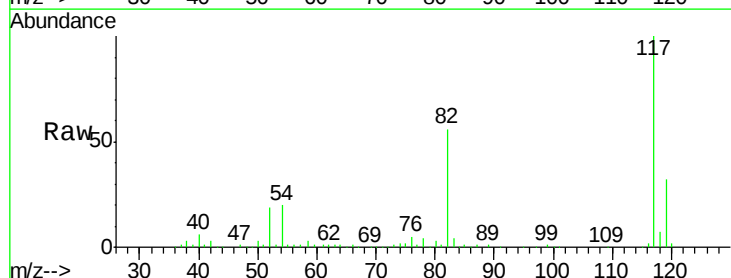
Instrument :
MSVOA_N
ClientSampled :
TW-7A

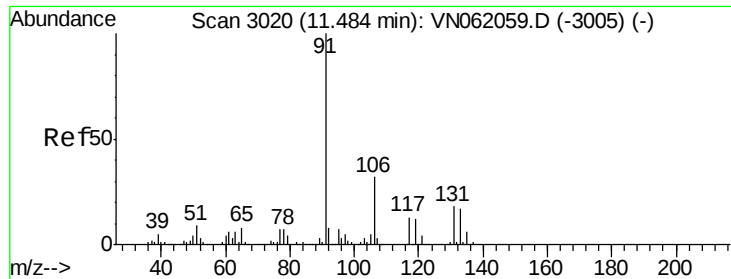
Tgt Ion: 95 Resp: 203861
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.8
176 76.5 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 117 Resp: 444041
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.5 25.2 37.8

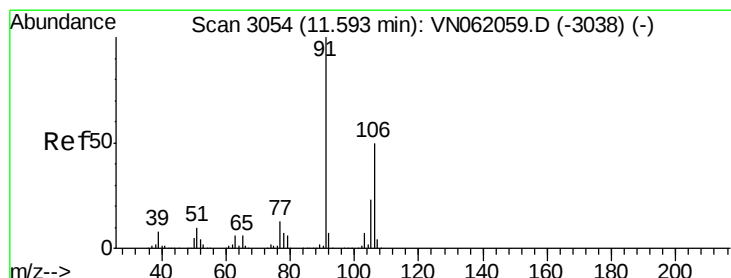
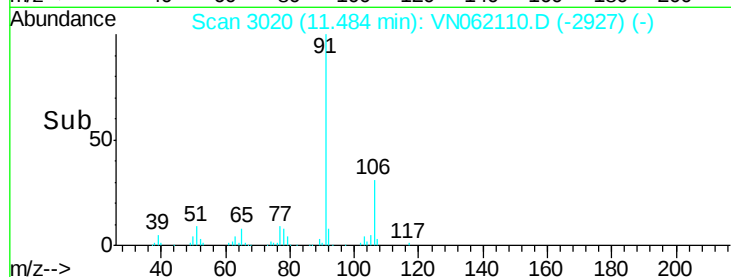
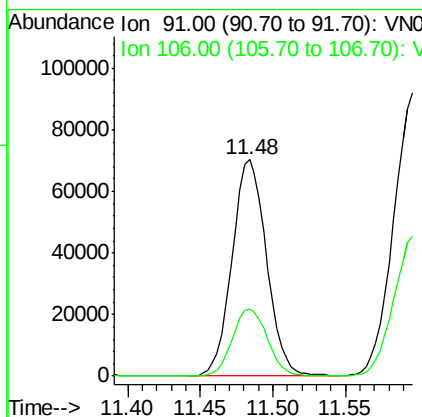
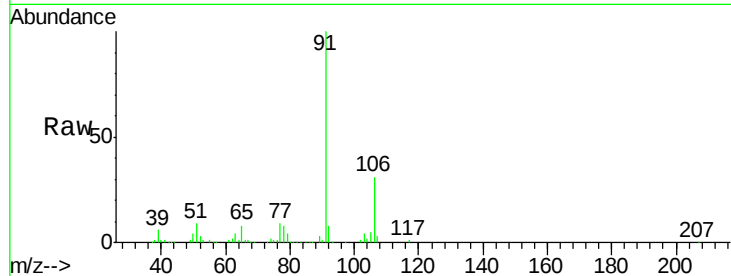




#67
Ethyl Benzene
Concen: 7.049 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

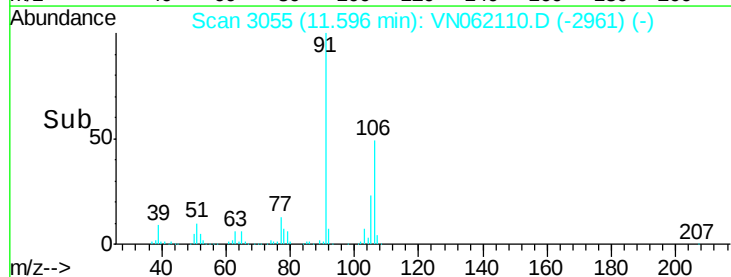
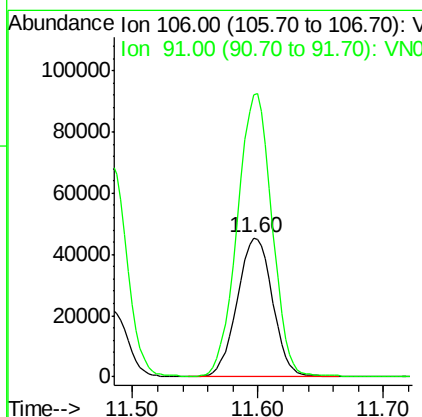
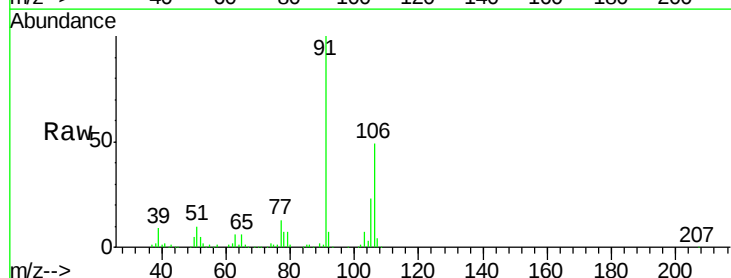
Instrument :
MSVOA_N
ClientSampled :
TW-7A

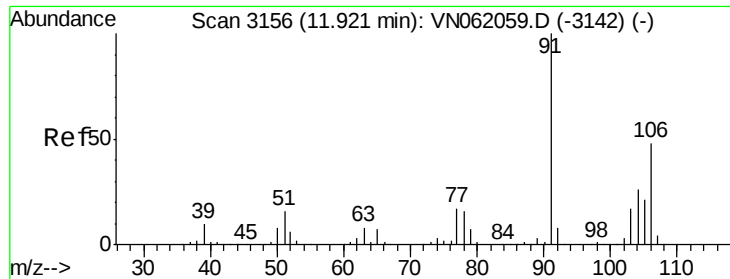
Tgt Ion: 91 Resp: 116087
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 13.979 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion: 106 Resp: 89044
Ion Ratio Lower Upper
106 100
91 197.8 157.8 236.8

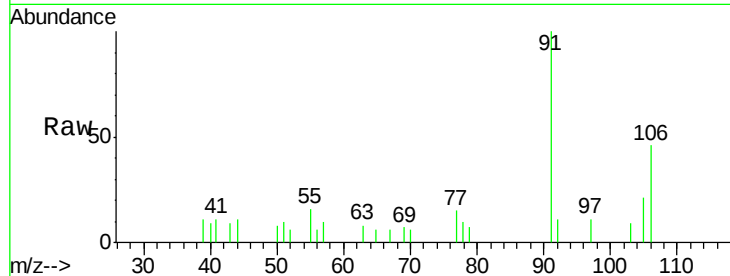




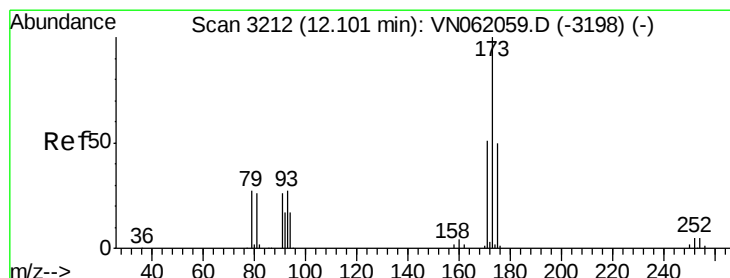
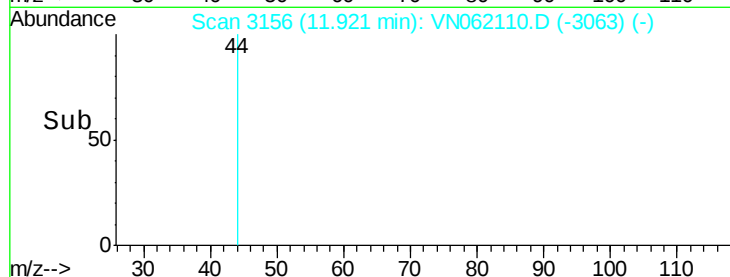
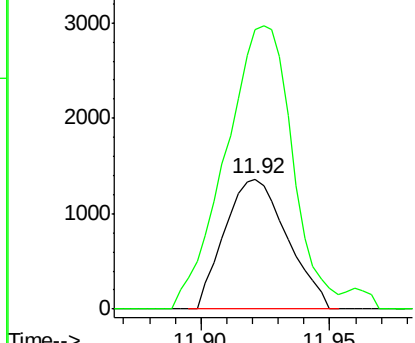
#69
o-Xylene
Concen: 0.383 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Tgt Ion:106 Resp: 2304
Ion Ratio Lower Upper
106 100
91 232.8 104.0 311.9

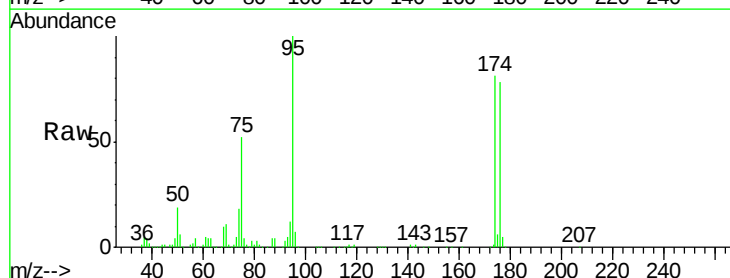


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

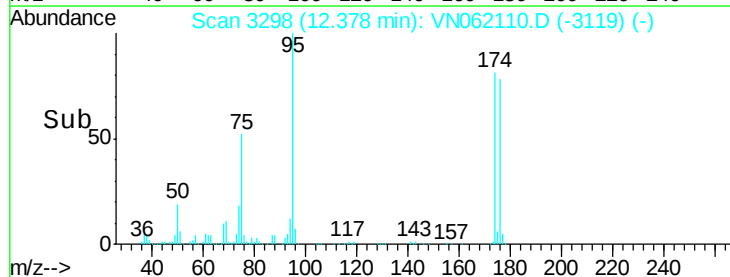
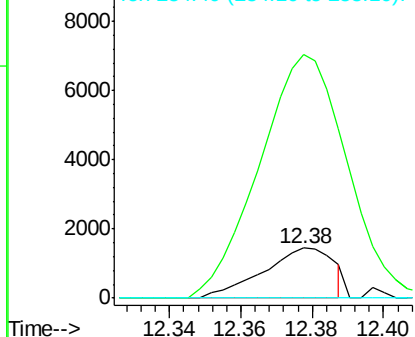


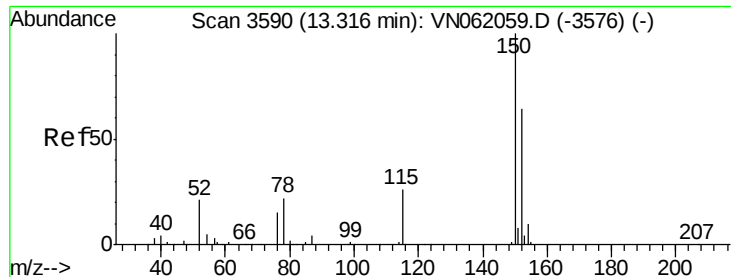
#71
Bromoform
Concen: 0.825 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Tgt Ion:173 Resp: 1977
Ion Ratio Lower Upper
173 100
175 511.3 24.7 74.1#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

TW-7A

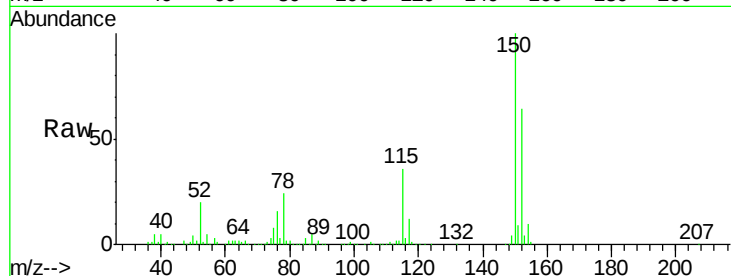
Tgt Ion:152 Resp: 191079

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

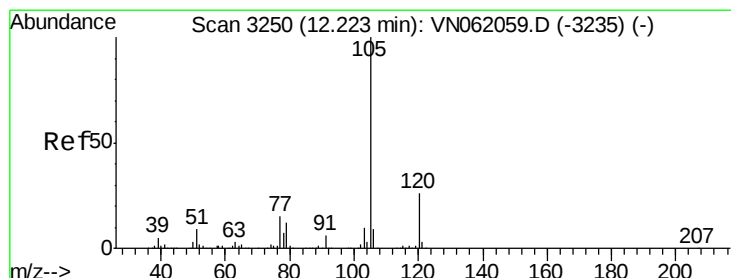
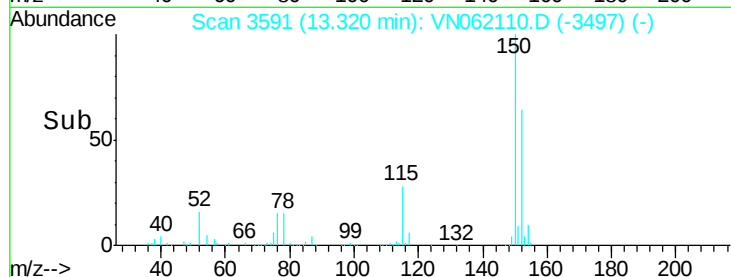
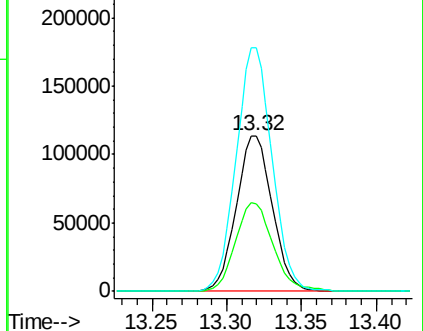
150 156.4 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 6.779 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062110.D

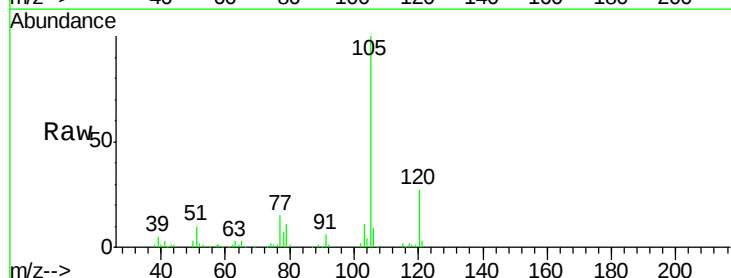
Acq: 25 Jun 2020 14:52

Tgt Ion:105 Resp: 100272

Ion Ratio Lower Upper

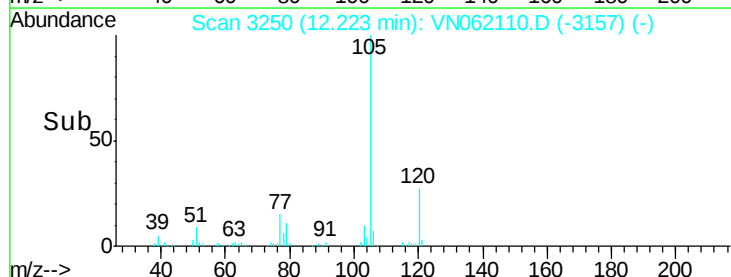
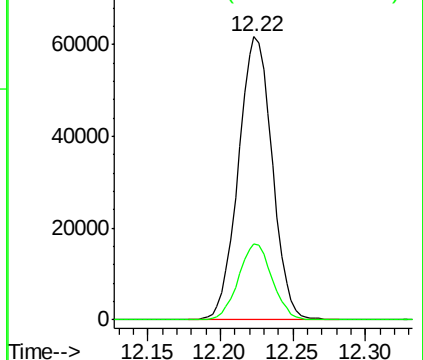
105 100

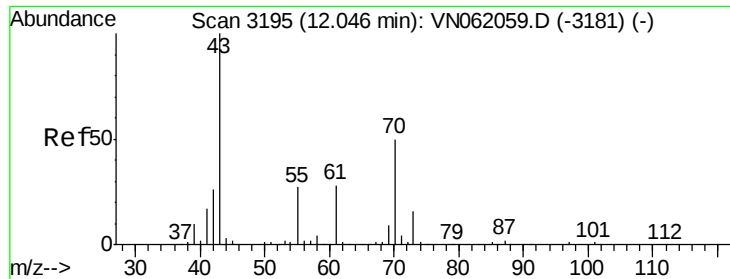
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 3.403 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.02 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampled :

TW-7A

Tgt Ion: 43 Resp: 352

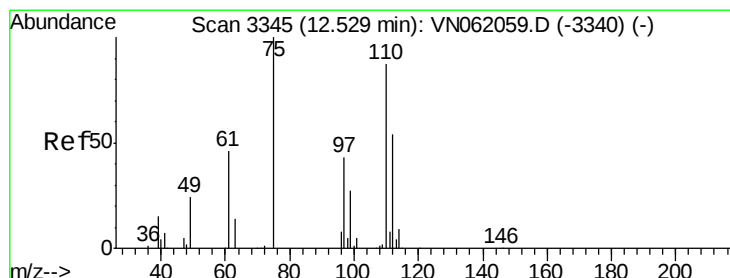
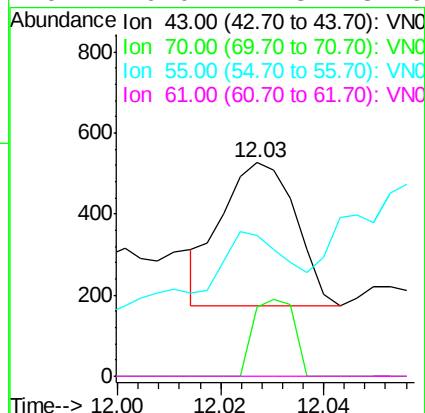
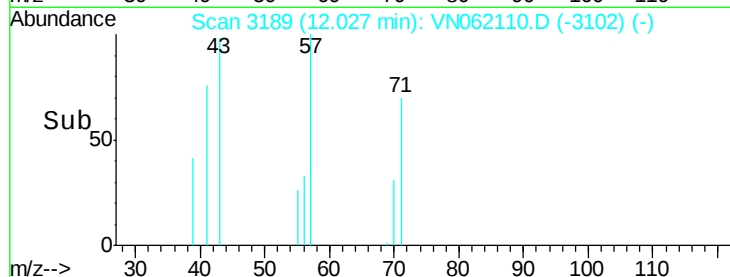
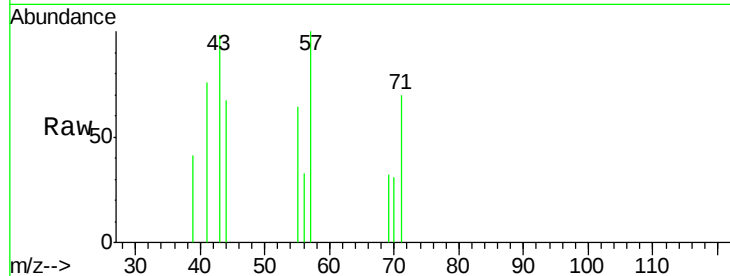
Ion Ratio Lower Upper

43 100

70 29.3 39.4 59.2#

55 52.3 21.7 32.5#

61 0.0 21.3 31.9#



#76

1,2,3-Trichloropropane

Concen: 22.930 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062110.D

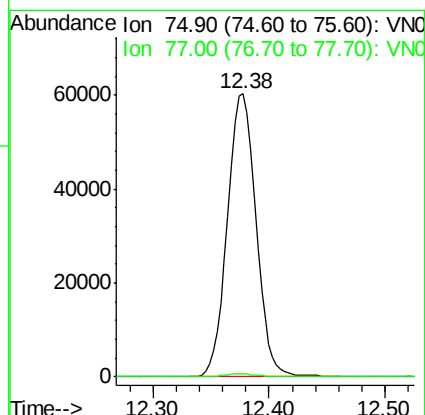
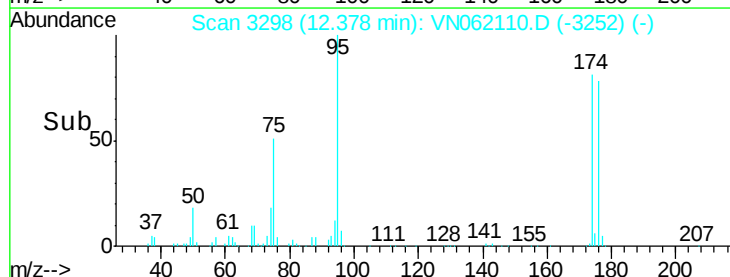
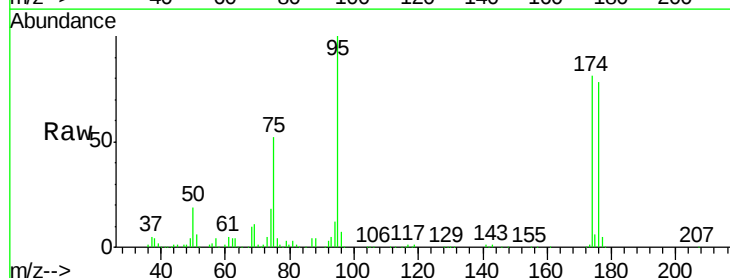
Acq: 25 Jun 2020 14:52

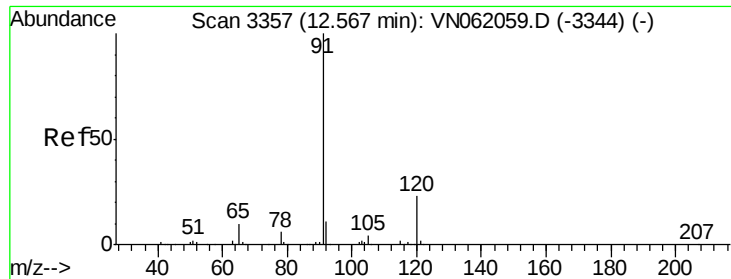
Tgt Ion: 75 Resp: 103142

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#78

n-propylbenzene

Concen: 12.960 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampled :

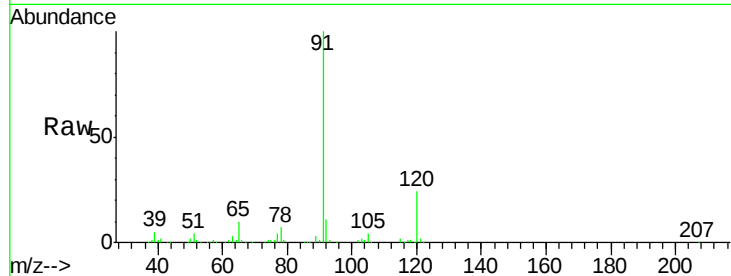
TW-7A

Tgt Ion: 91 Resp: 219268

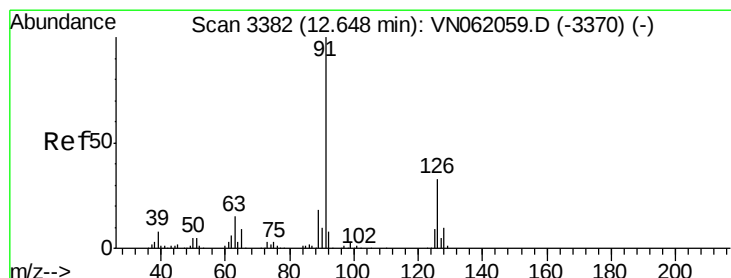
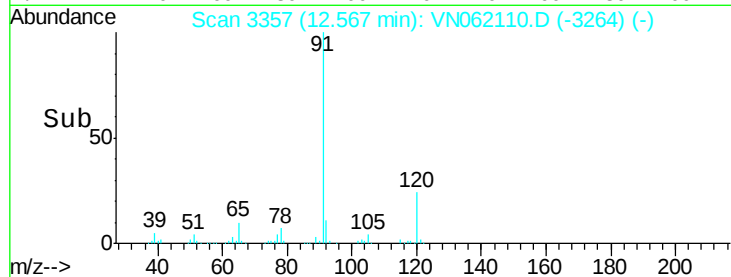
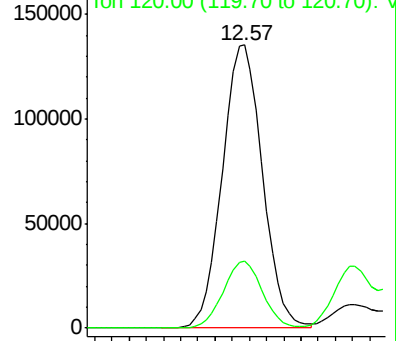
Ion Ratio Lower Upper

91 100

120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN062110.D (-3264) (-)



#79

2-Chlorotoluene

Concen: 2.130 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. 0.02 min

Lab File: VN062110.D

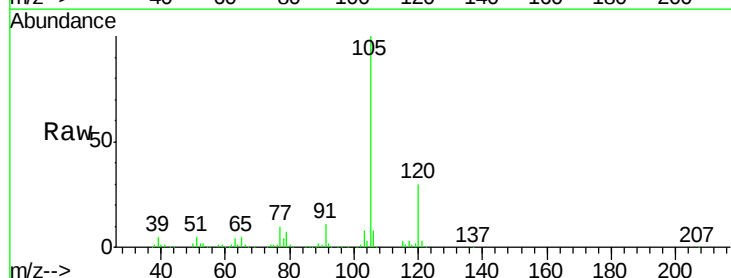
Acq: 25 Jun 2020 14:52

Tgt Ion: 91 Resp: 21781

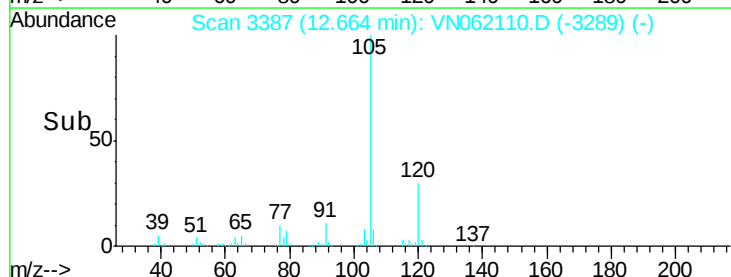
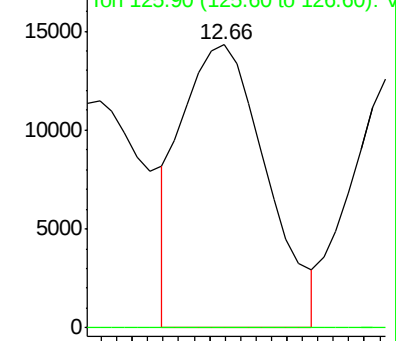
Ion Ratio Lower Upper

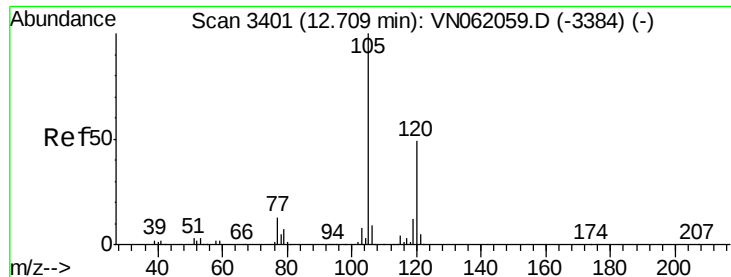
91 100

126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN062110.D (-3289) (-)

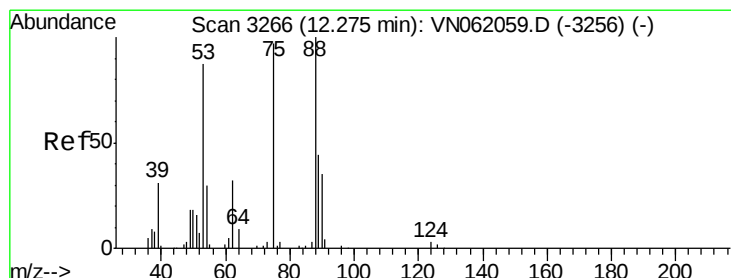
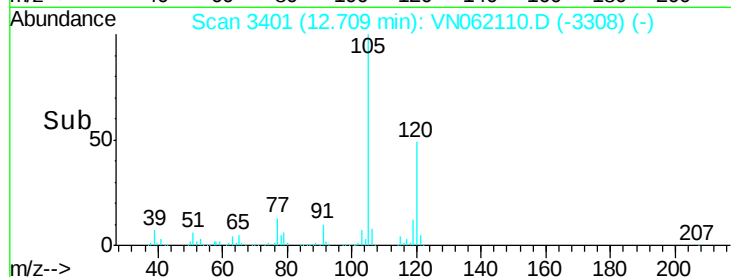
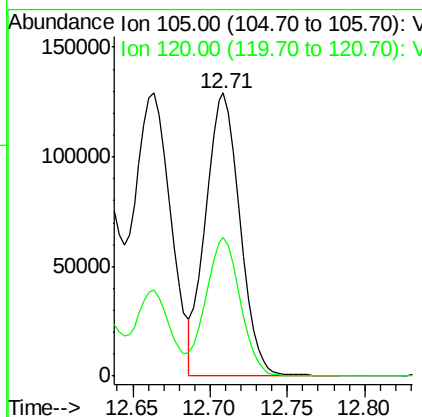
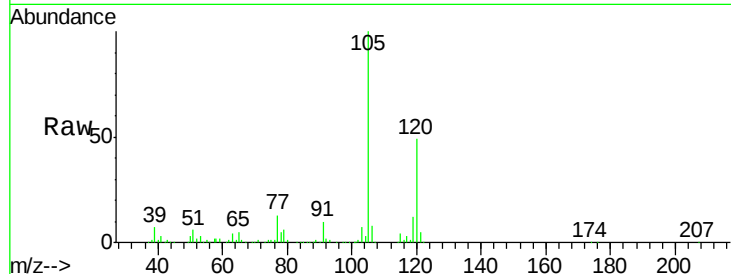




#80
 1,3,5-Trimethylbenzene
 Concen: 16.590 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

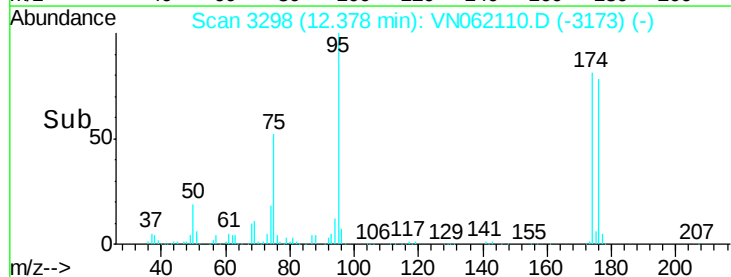
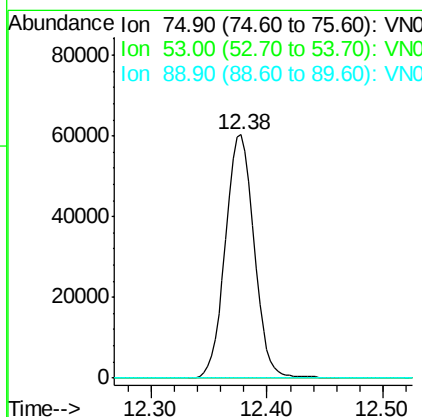
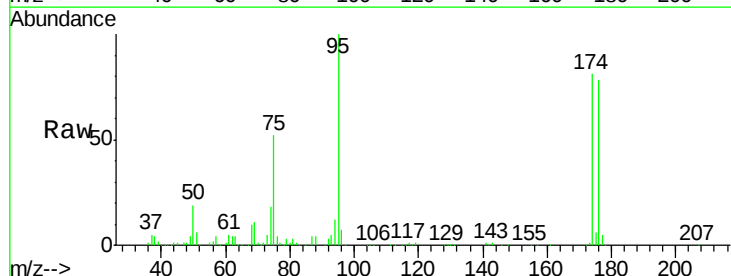
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

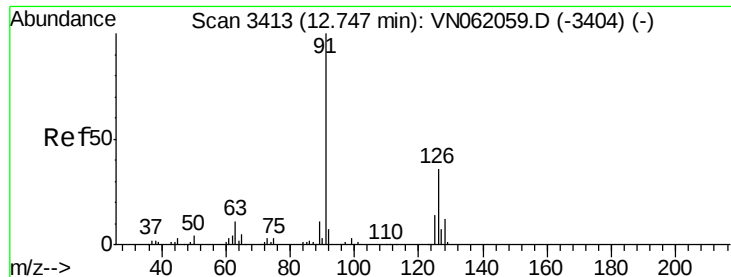
Tgt Ion:105 Resp: 198922
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.964 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 75 Resp: 103142
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.0 108.0#
 89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 2.017 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampleId :

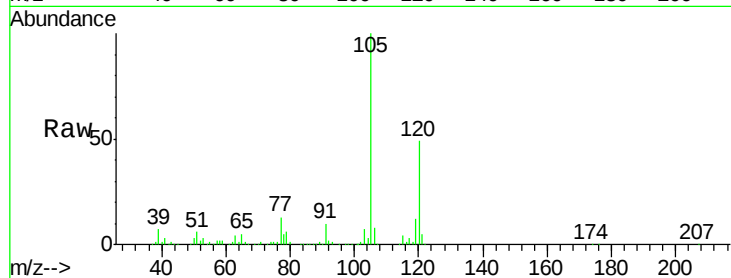
TW-7A

Tgt Ion: 91 Resp: 21335

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



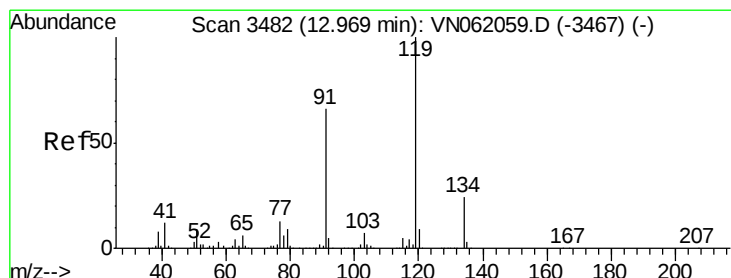
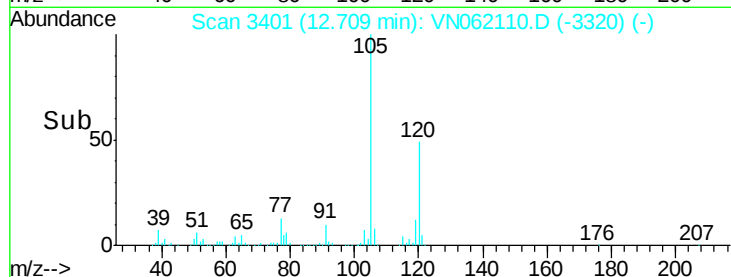
Abundance Ion 91.00 (90.70 to 91.70): VN062110.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062110.D (-3320) (-)

12.71

12.65 12.70 12.75 12.80

Time-->



#83

tert-Butylbenzene

Concen: 6.812 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

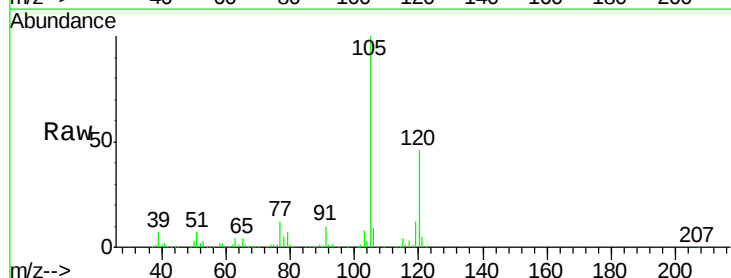
Tgt Ion: 119 Resp: 69896

Ion Ratio Lower Upper

119 100

91 84.1 31.7 95.1

134 0.0 13.1 39.1#



Abundance Ion 119.00 (118.70 to 119.70): VN062110.D (-3389) (-)

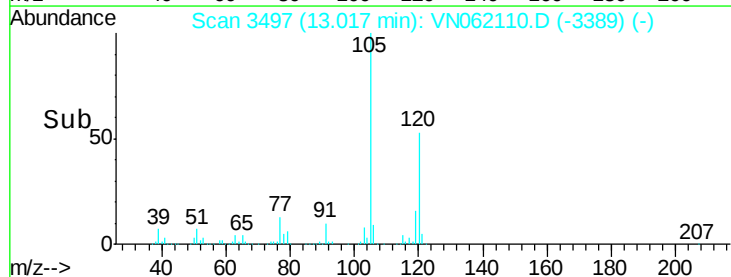
Ion 91.00 (90.70 to 91.70): VN062110.D (-3389) (-)

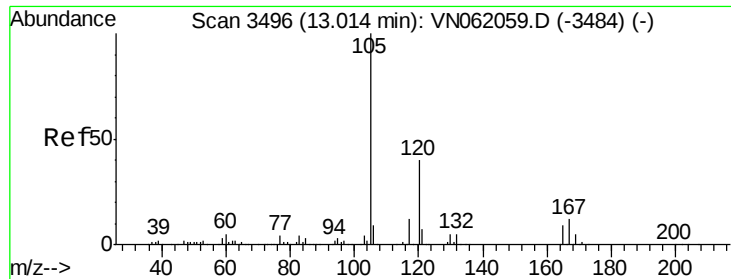
Ion 134.00 (133.70 to 134.70): VN062110.D (-3389) (-)

13.02

12.95 13.00 13.05 13.10

Time-->

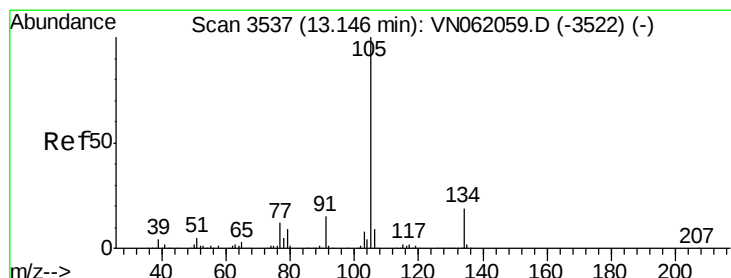
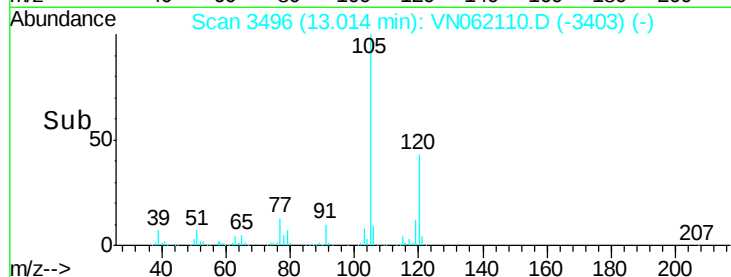
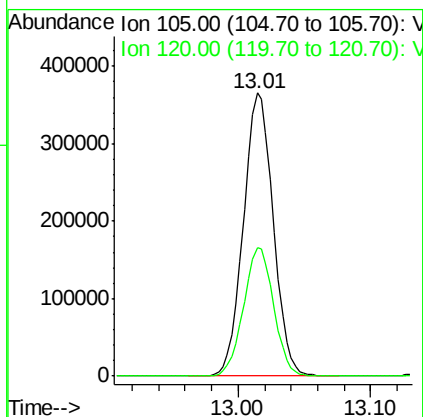
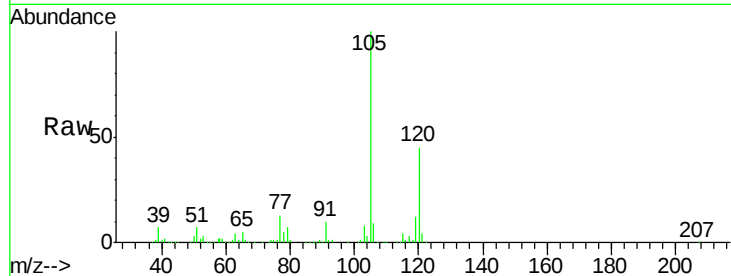




#84
 1,2,4-Trimethylbenzene
 Concen: 47.519 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

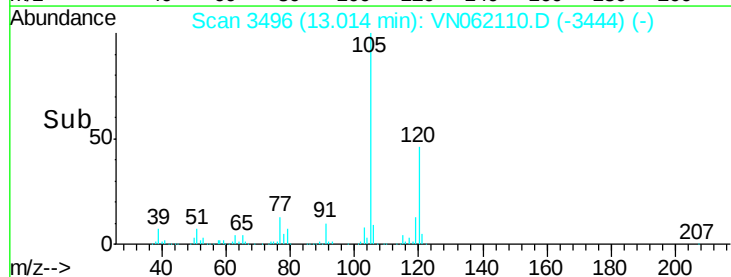
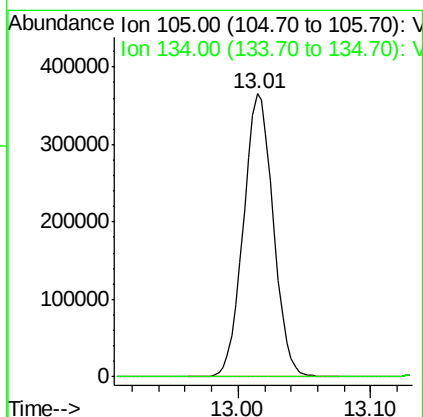
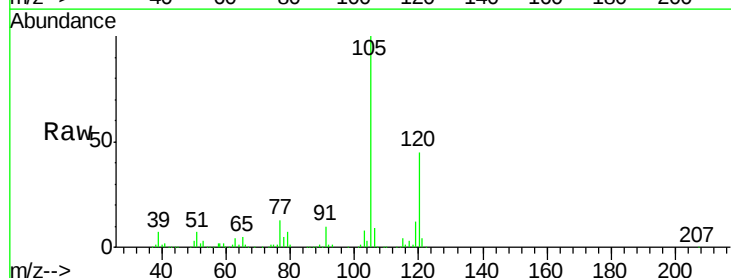
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

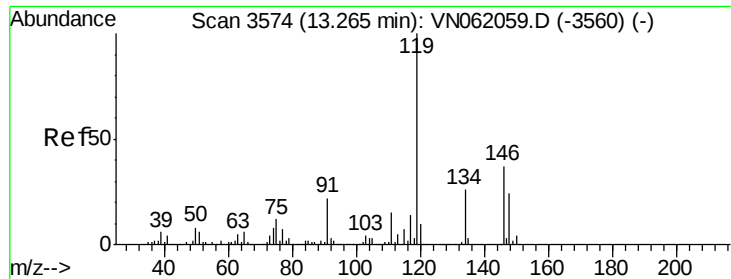
Tgt Ion:105 Resp: 569060
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 41.968 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion:105 Resp: 569060
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

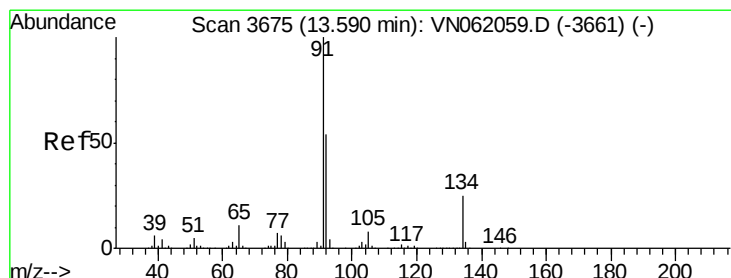
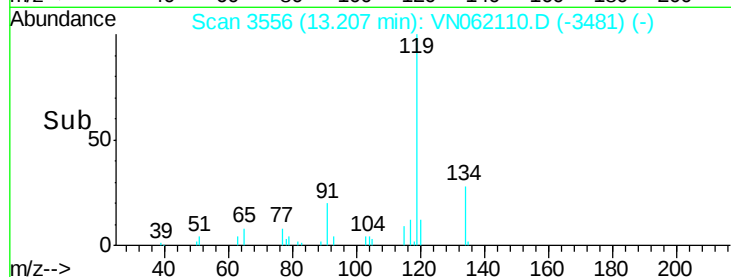
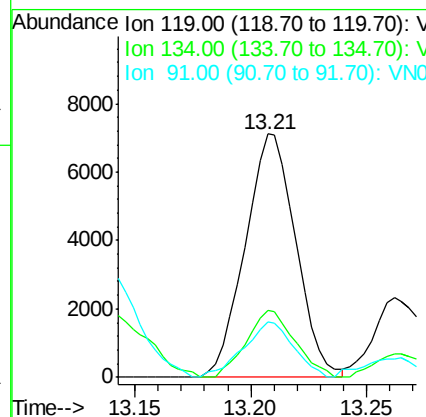
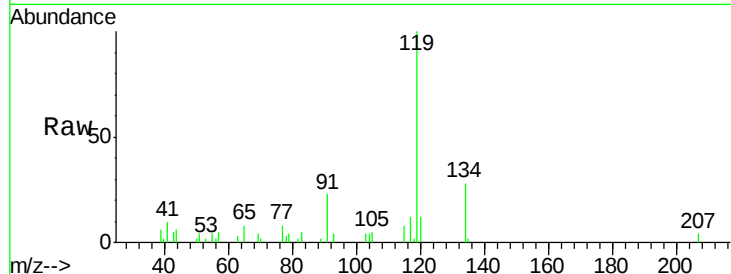




#86
 p-Isopropyltoluene
 Concen: 0.909 ug/l
 RT: 13.21 min Scan# 3556
 Delta R.T. -0.06 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

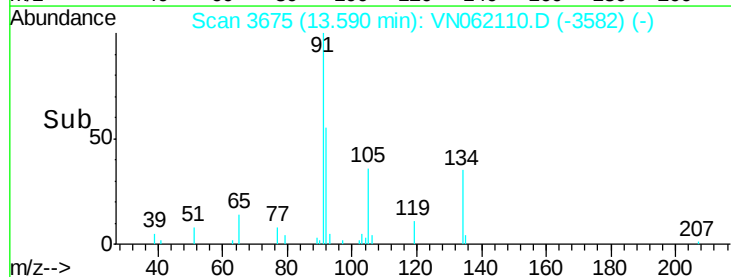
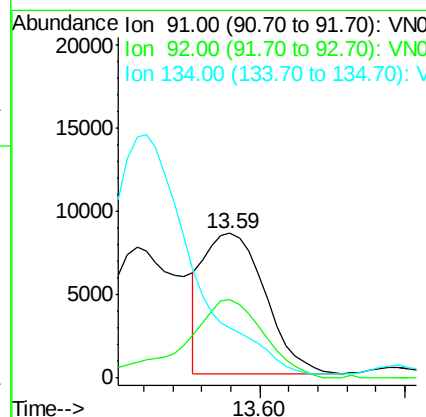
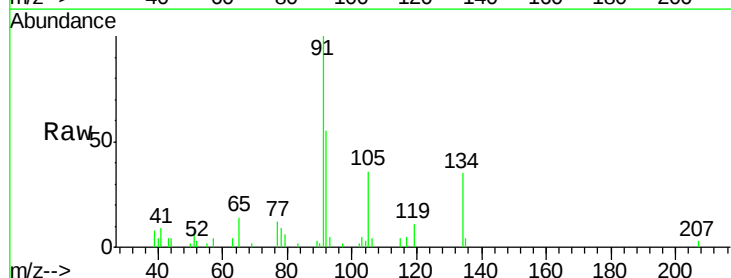
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

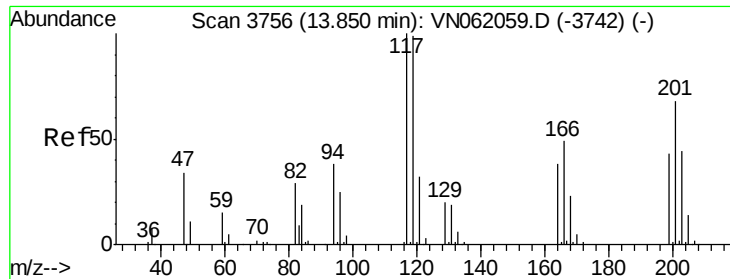
Tgt Ion: 119 Resp: 10801
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.4 11.3 33.8



#89
 n-Butylbenzene
 Concen: 1.247 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN062110.D
 Acq: 25 Jun 2020 14:52

Tgt Ion: 91 Resp: 12317
 Ion Ratio Lower Upper
 91 100
 92 74.4 26.6 79.7
 134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 2.479 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

Instrument :

MSVOA_N

ClientSampled :

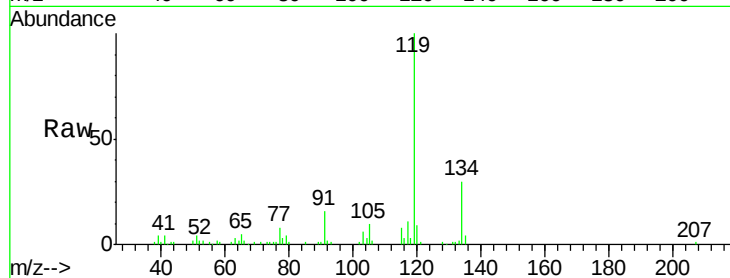
TW-7A

Tgt Ion:117 Resp: 5778

Ion Ratio Lower Upper

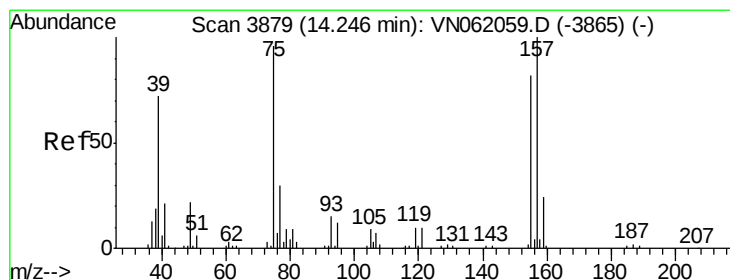
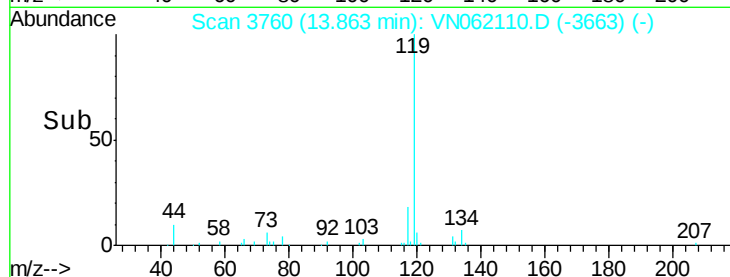
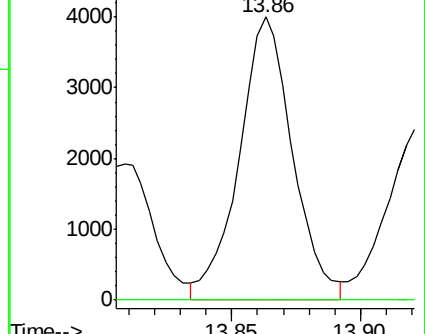
117 100

201 0.0 32.7 98.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.417 ug/l

RT: 14.22 min Scan# 3871

Delta R.T. -0.03 min

Lab File: VN062110.D

Acq: 25 Jun 2020 14:52

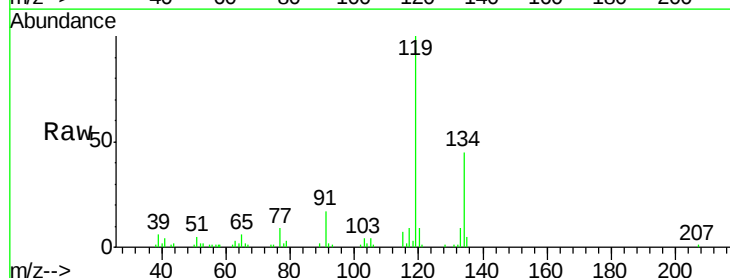
Tgt Ion: 75 Resp: 329

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.4#

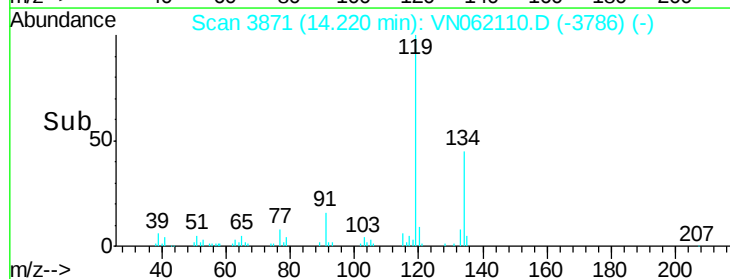
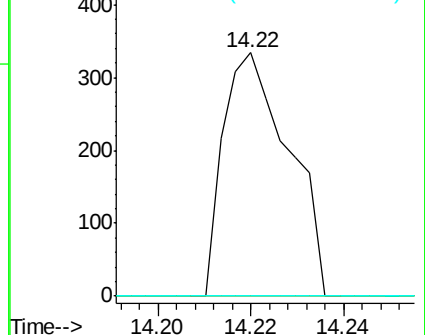
157 0.0 51.4 154.3#

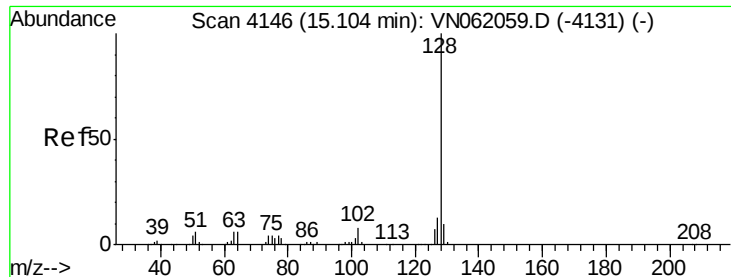


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

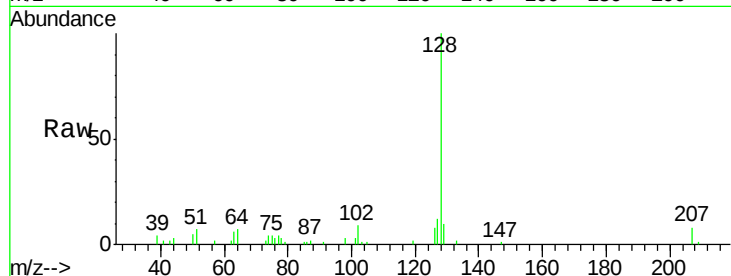




#95
Naphthalene
Concen: 6.359 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062110.D
Acq: 25 Jun 2020 14:52

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

