

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062117.D
 Acq On : 25 Jun 2020 17:41
 Operator : JC/MD
 Sample : L3071-02 20X
 Misc : 8.97g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

Quant Time: Jun 26 01:49:57 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	252169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207653	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	158791	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	
35) Dibromofluoromethane	7.55	113	136422	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	10.06	98	580391	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.38	95	212691	53.49	ug/l	0.00
Spiked Amount			Recovery	=	106.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	324	Below Cal	#	41
11) Tert butyl alcohol	4.70	59	943	1.856	ug/l #	72
13) Acrolein	3.75	56	18360	36.908	ug/l #	74
14) Allyl chloride	4.48	41	47147	11.960	ug/l #	56
15) Acrylonitrile	5.00	53	5169	3.733	ug/l #	38
16) Acetone	3.75	43	40974	33.378	ug/l #	50
17) Carbon Disulfide	4.00	76	1257	0.202	ug/l #	75
18) Methyl Acetate	4.48	43	74807	26.592	ug/l #	46
25) 2-Butanone	6.76	43	3328	1.924	ug/l #	44
30) Chloroform	7.28	83	18620	3.166	ug/l #	17
31) Cyclohexane	7.60	56	108283	22.148	ug/l #	55
36) 1,1-Dichloropropene	7.62	75	19508	4.229	ug/l #	49
37) Ethyl Acetate	6.76	43	3328	0.871	ug/l #	71
38) Carbon Tetrachloride	7.62	117	25132	5.779	ug/l #	15
39) Methylcyclohexane	9.05	83	110936	21.948	ug/l #	83
41) Methacrylonitrile	7.16	41	4597	2.596	ug/l #	31
43) Isopropyl Acetate	8.11	43	25636	4.117	ug/l #	58
47) Bromodichloromethane	9.35	83	31105	6.550	ug/l #	26
48) Methyl methacrylate	9.19	41	20689	7.410	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	49458	13.594	ug/l #	76
55) 1,1,2-Trichloroethane	10.50	97	17435	5.170	ug/l #	24
56) Ethyl methacrylate	10.41	69	1571	0.349	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.68	63	189	16.195	ug/l #	46
59) 2-Hexanone	10.69	43	17164	6.533	ug/l #	27
67) Ethyl Benzene	11.48	91	581852	34.915	ug/l	99
68) m/p-Xylenes	11.60	106	454407	70.498	ug/l	100
69) o-Xylene	11.92	106	5695	0.936	ug/l	91
71) Bromoform	12.37	173	613	0.253	ug/l #	1
73) Isopropylbenzene	12.22	105	555686	34.570	ug/l	99
74) N-amyl acetate	12.02	43	9427	4.830	ug/l #	62
76) 1,2,3-Trichloropropane	12.56	75	6902	1.412	ug/l #	100
78) n-propylbenzene	12.56	91	1220087	66.358	ug/l	100
79) 2-Chlorotoluene	12.66	91	123241	11.087	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	1050569	80.624	ug/l	98

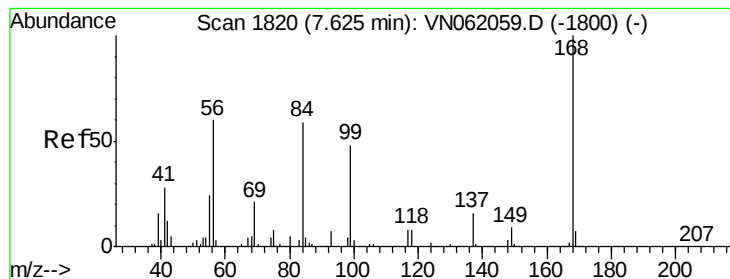
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062117.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.22	75	5795	3.462	ug/l #	54
82) 4-Chlorotoluene	12.71	91	106593	9.273	ug/l #	41
83) tert-Butylbenzene	13.01	119	372292	33.385	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.01	105	2994331	230.084	ug/l	98
85) sec-Butylbenzene	13.01	105	2994331	203.207	ug/l #	57
86) p-Isopropyltoluene	13.21	119	57046	4.419	ug/l	97
89) n-Butylbenzene	13.59	91	81545	7.598	ug/l #	73
90) Hexachloroethane	13.86	117	28985	11.443	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.22	75	2124	2.479	ug/l #	3
95) Naphthalene	15.10	128	122039	15.340	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

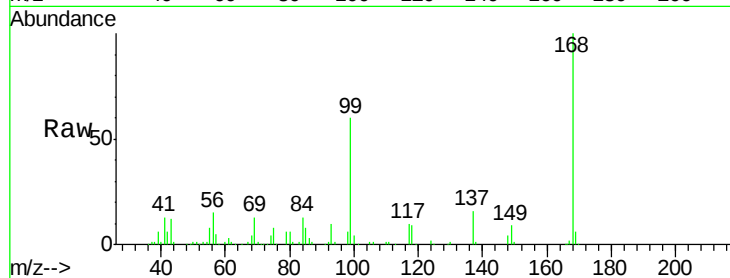
TW-7A

Tgt Ion:168 Resp: 252169

Ion Ratio Lower Upper

168 100

99 59.9 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

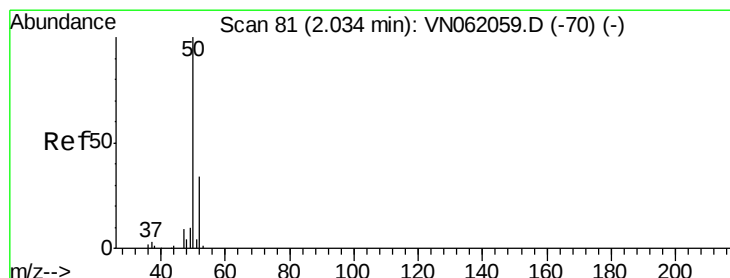
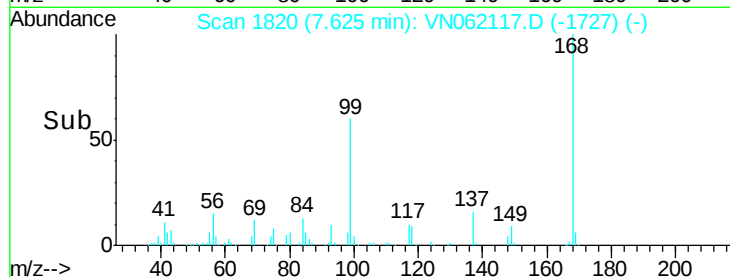
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062117.D

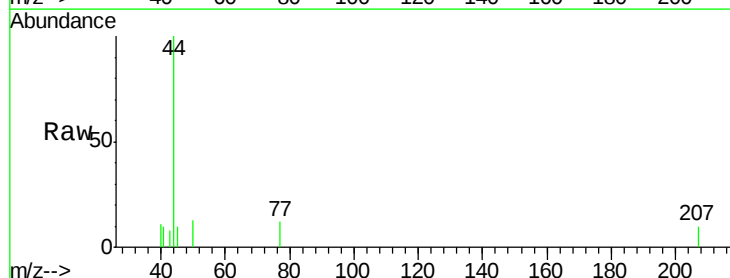
Acq: 25 Jun 2020 17:41

Tgt Ion: 50 Resp: 324

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

250

200

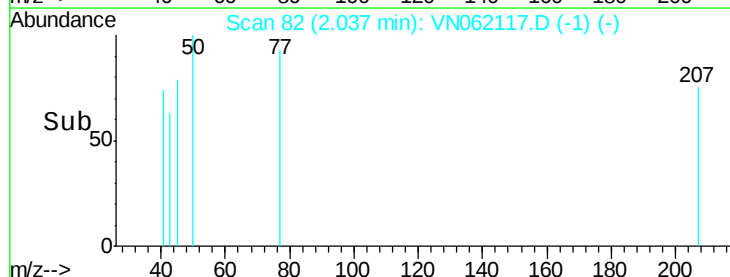
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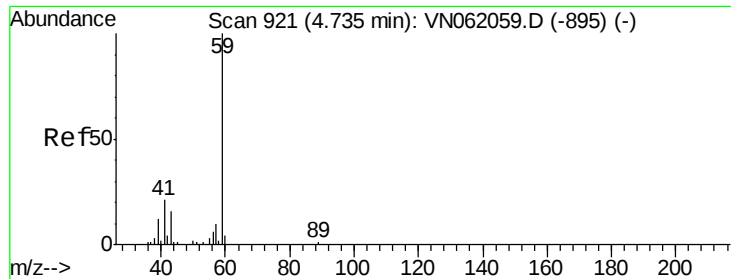
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50

0

Time--> 2.00 2.02 2.04 2.06

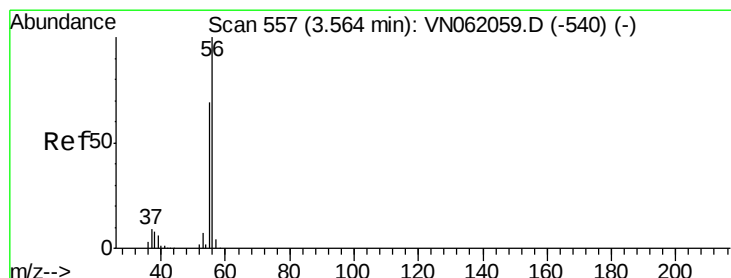
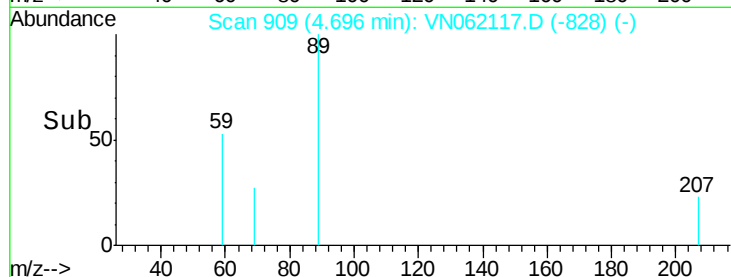
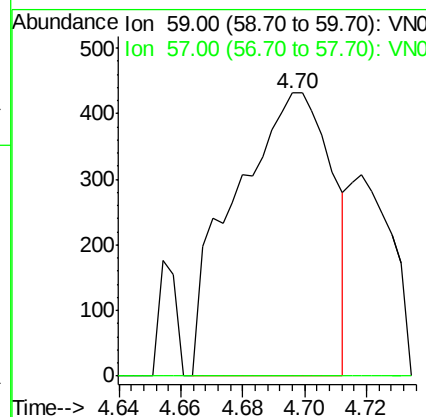
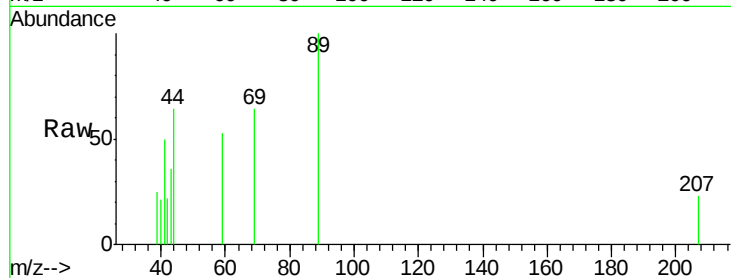




#11
Tert butyl alcohol
Concen: 1.856 ug/l
RT: 4.70 min Scan# 909
Delta R.T. -0.04 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

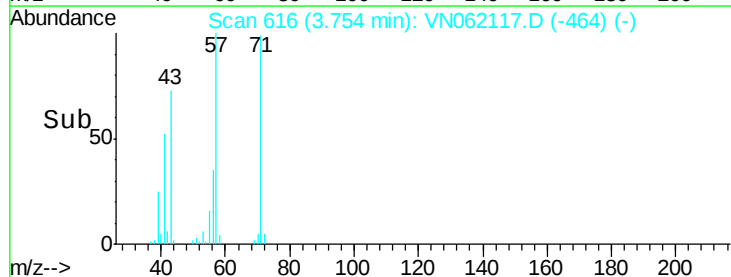
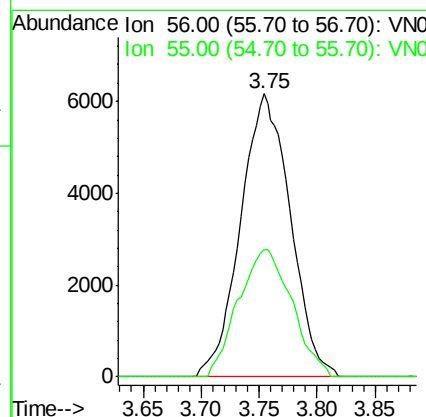
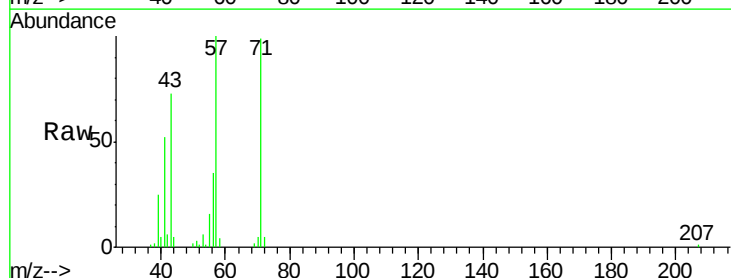
Instrument :
MSVOA_N
ClientSampled :
TW-7A

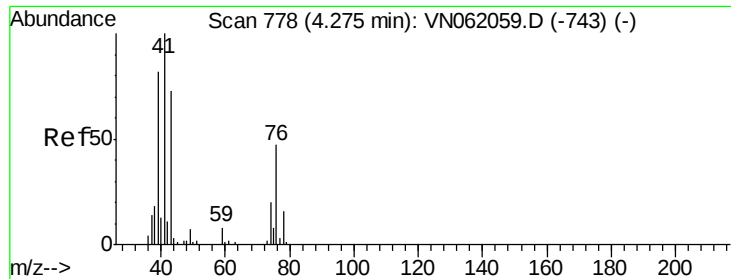
Tgt Ion: 59 Resp: 943
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 36.908 ug/l
RT: 3.75 min Scan# 616
Delta R.T. 0.19 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 56 Resp: 18360
Ion Ratio Lower Upper
56 100
55 48.4 55.5 83.3#

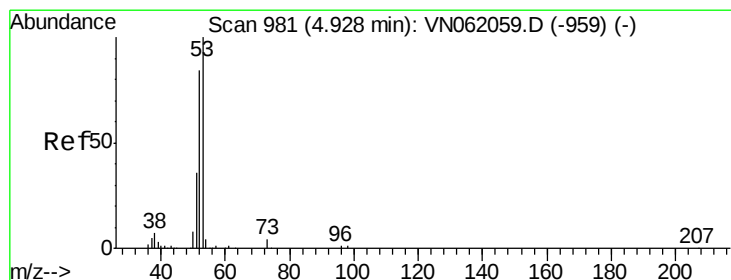
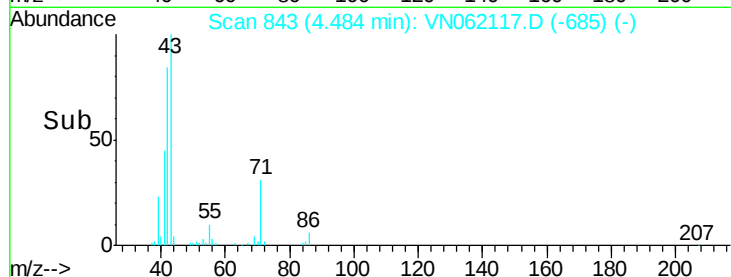
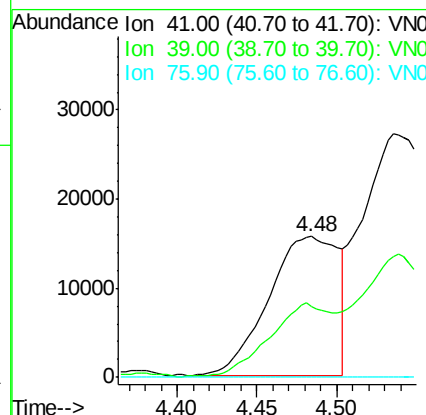
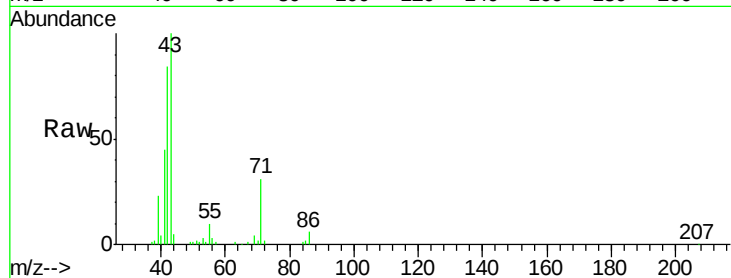




#14
 Allyl chloride
 Concen: 11.960 ug/l
 RT: 4.48 min Scan# 843
 Delta R.T. 0.21 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

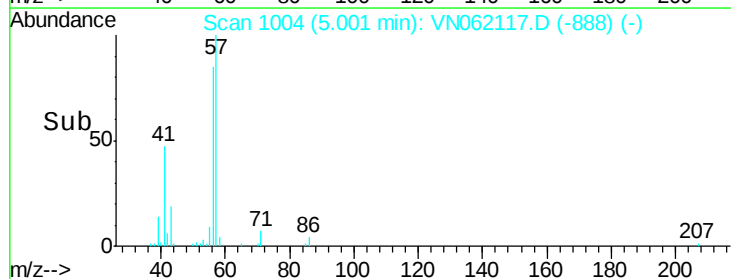
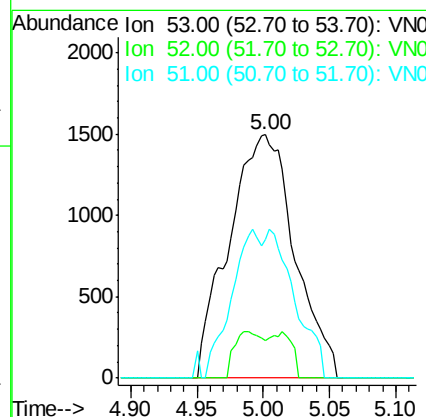
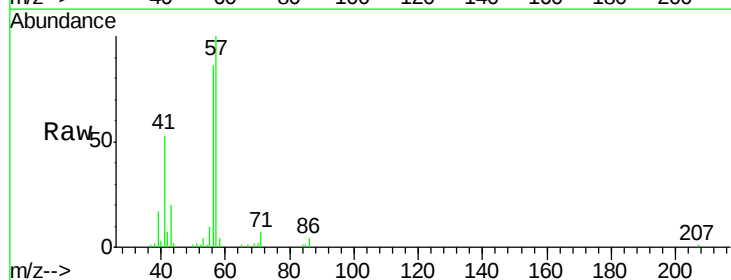
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 ClientSampled :
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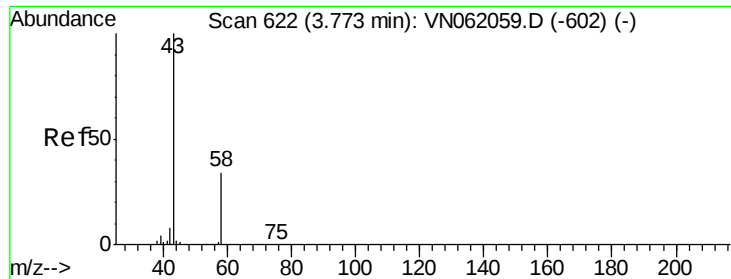
Tgt Ion: 41 Resp: 47147
 Ion Ratio Lower Upper
 41 100
 39 48.5 60.0 90.0#
 76 0.0 34.1 51.1#



#15
 Acrylonitrile
 Concen: 3.733 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. 0.07 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion: 53 Resp: 5169
 Ion Ratio Lower Upper
 53 100
 52 8.3 66.2 99.4#
 51 27.5 28.9 43.3#

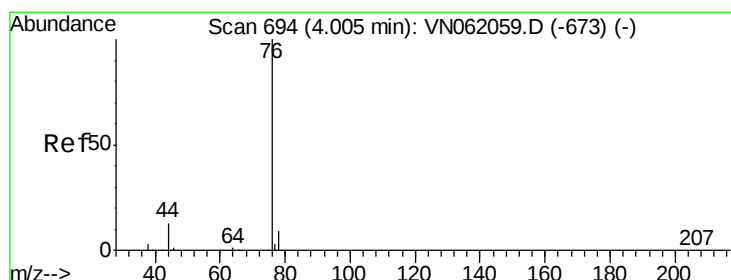
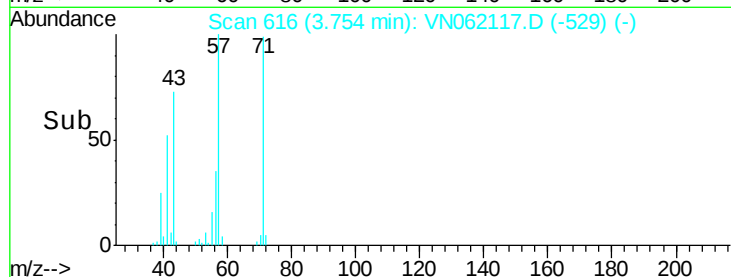
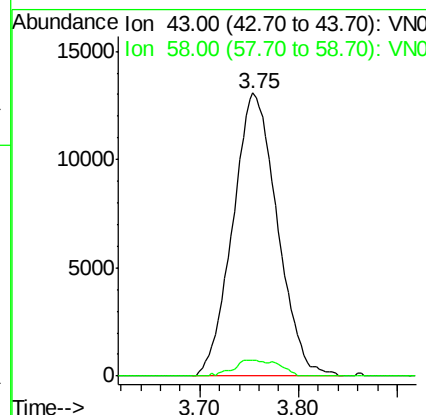
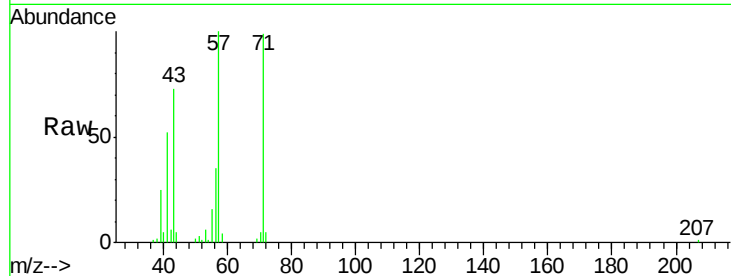




#16
Acetone
Concen: 33.378 ug/l
RT: 3.75 min Scan# 616
Delta R.T. -0.02 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

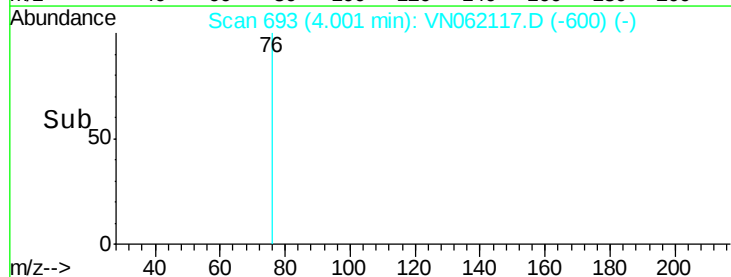
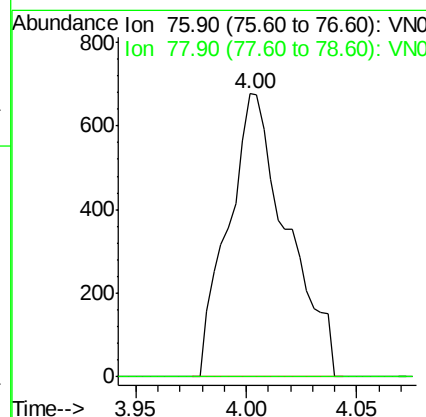
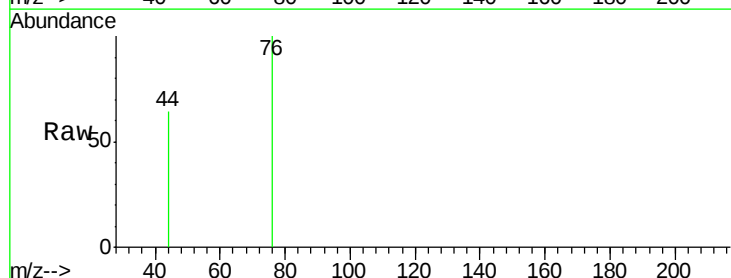
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ClientSampled :
TW-7A

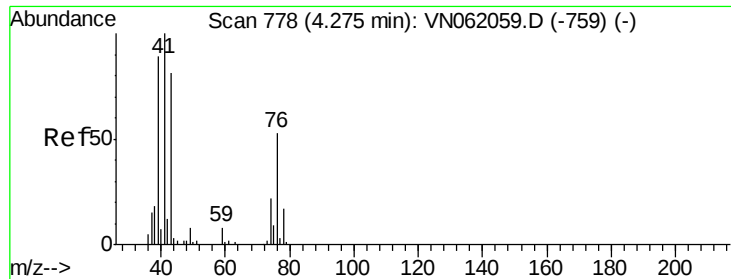
Tgt Ion: 43 Resp: 40974
Ion Ratio Lower Upper
43 100
58 5.8 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 76 Resp: 1257
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

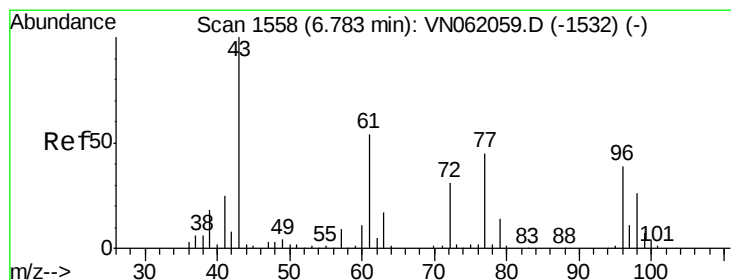
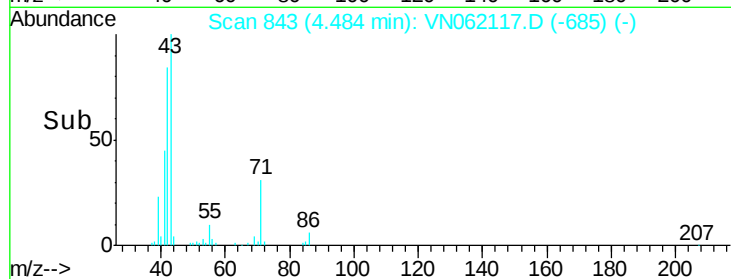
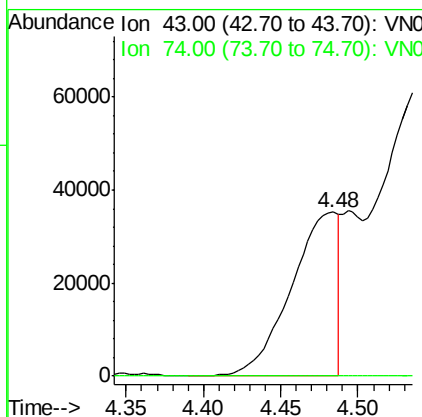
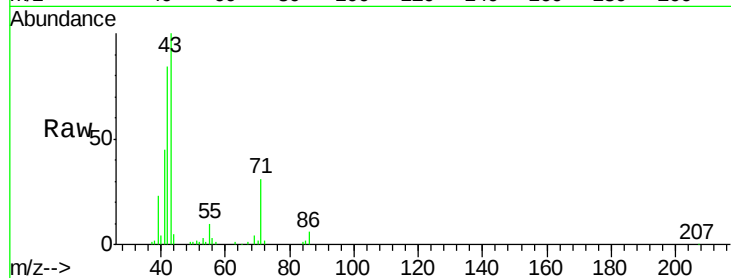




#18
Methyl Acetate
Concen: 26.592 ug/l
RT: 4.48 min Scan# 843
Delta R.T. 0.21 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

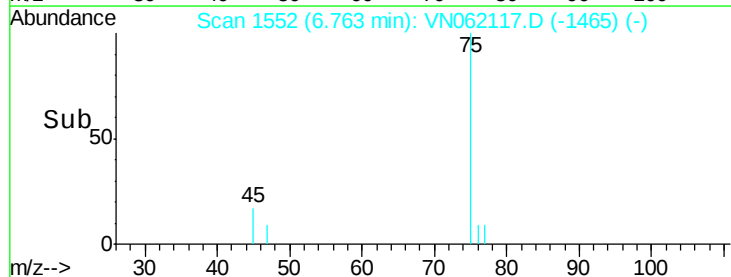
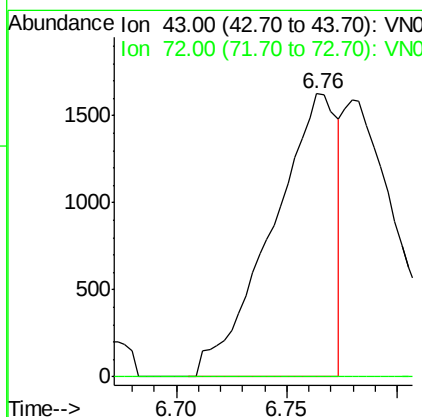
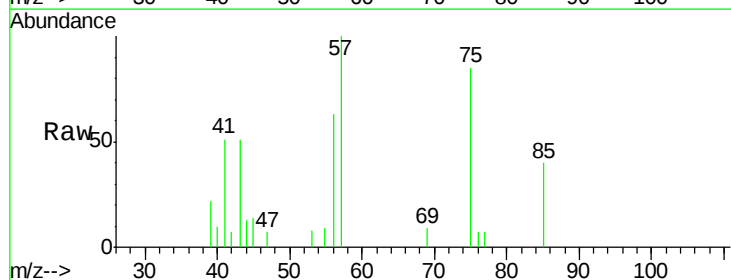
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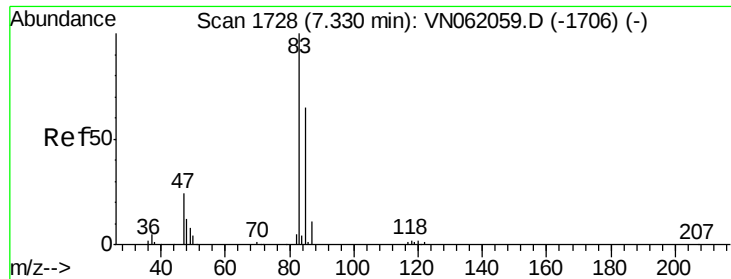
Tgt Ion: 43 Resp: 74807
Ion Ratio Lower Upper
43 100
74 0.0 22.9 34.3#



#25
2-Butanone
Concen: 1.924 ug/l
RT: 6.76 min Scan# 1552
Delta R.T. -0.02 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 43 Resp: 3328
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#

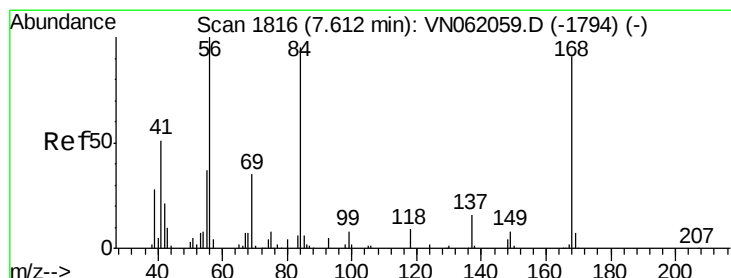
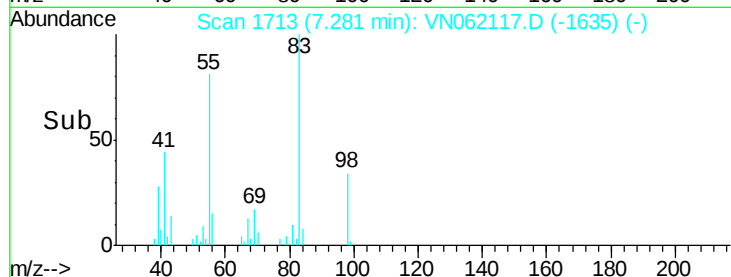
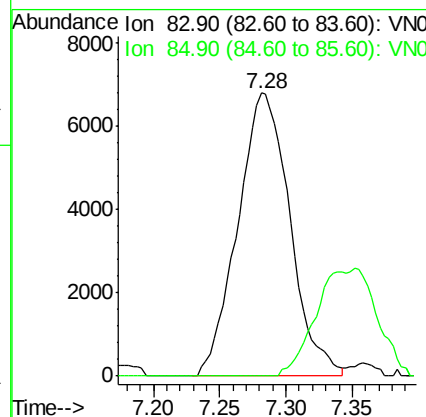
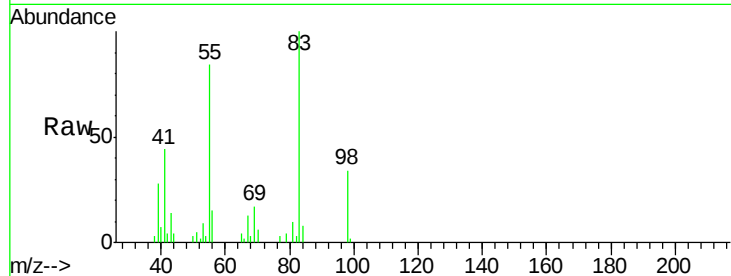




#30
Chloroform
Concen: 3.166 ug/l
RT: 7.28 min Scan# 1713
Delta R.T. -0.05 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

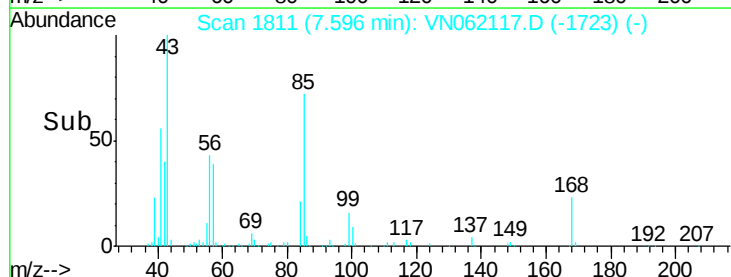
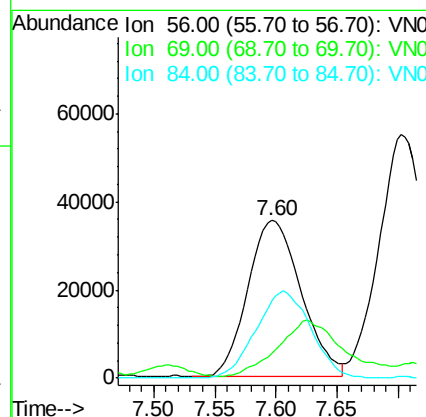
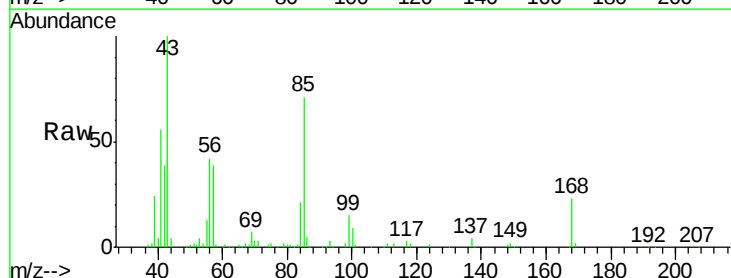
Instrument :
MSVOA_N
ClientSampled :
TW-7A

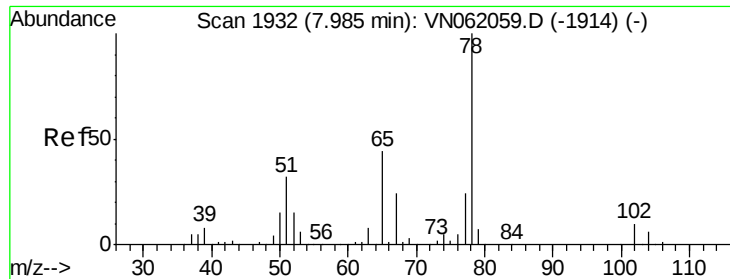
Tgt Ion: 83 Resp: 18620
Ion Ratio Lower Upper
83 100
85 0.0 52.3 78.5#



#31
Cyclohexane
Concen: 22.148 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. -0.02 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 56 Resp: 108283
Ion Ratio Lower Upper
56 100
69 11.7 28.0 42.0#
84 49.6 76.1 114.1#

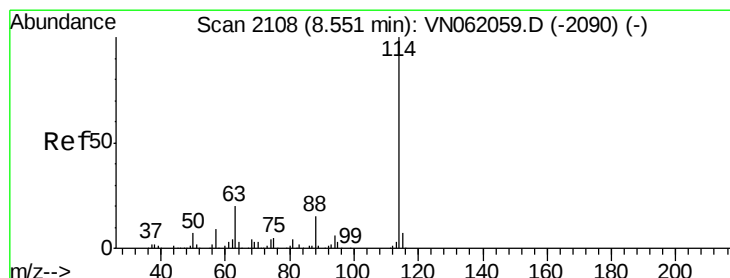
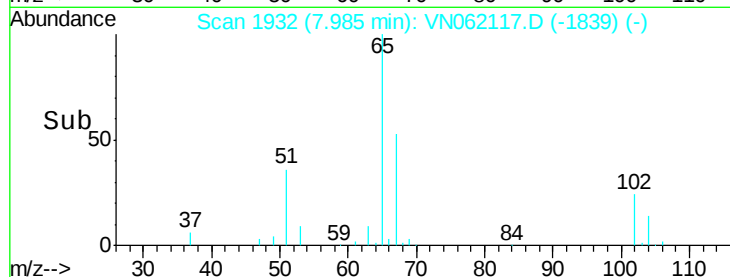
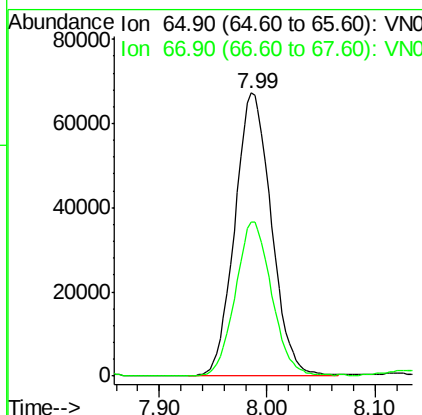
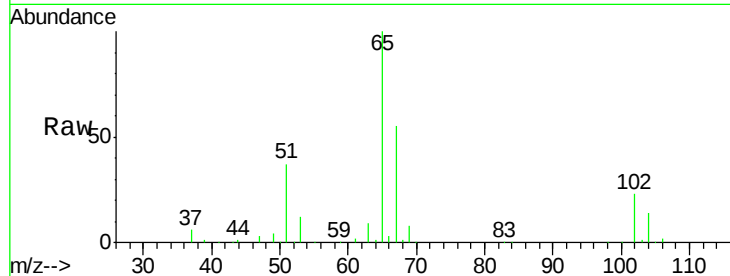




#33
 1,2-Dichloroethane-d4
 Concen: 44.872 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

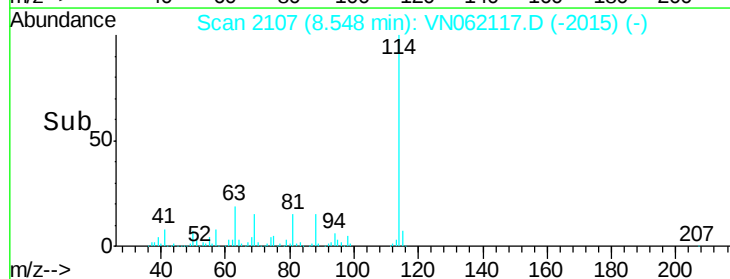
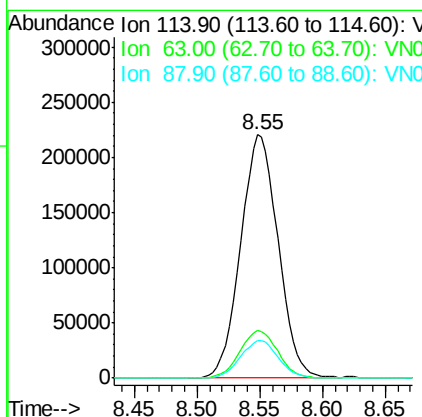
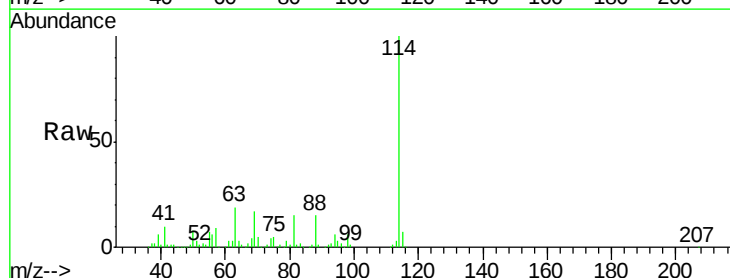
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

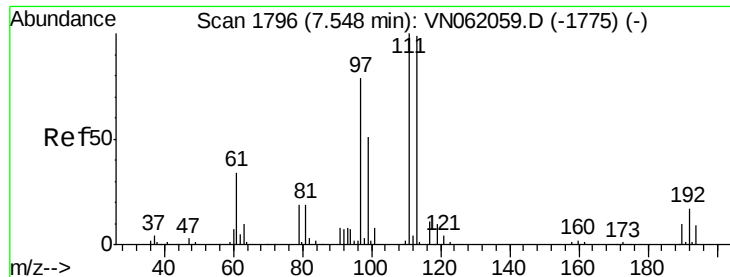
Tgt Ion: 65 Resp: 158791
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion: 114 Resp: 458945
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 30.8

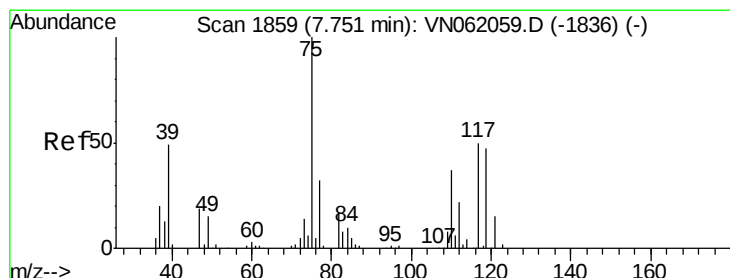
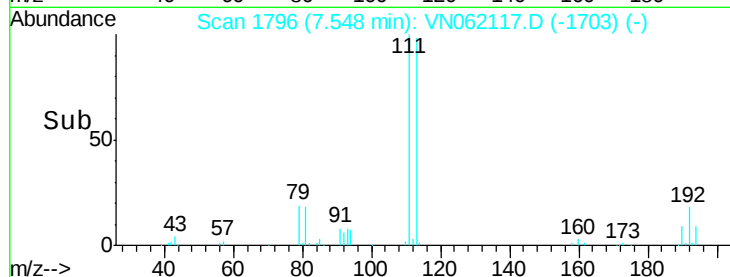
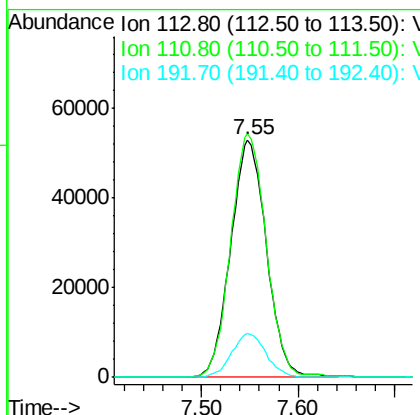
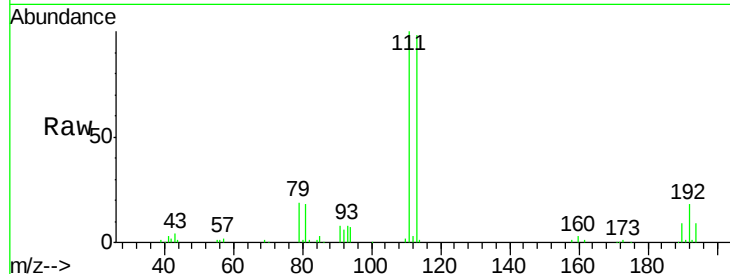




#35
 Dibromofluoromethane
 Concen: 46.333 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

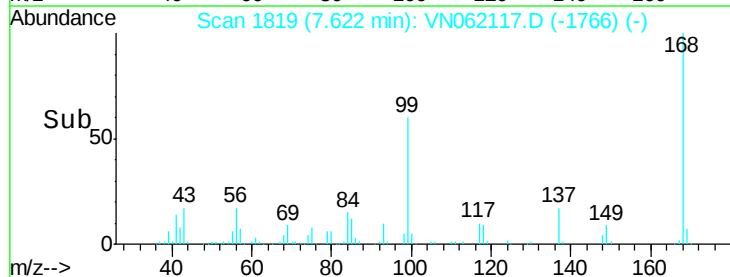
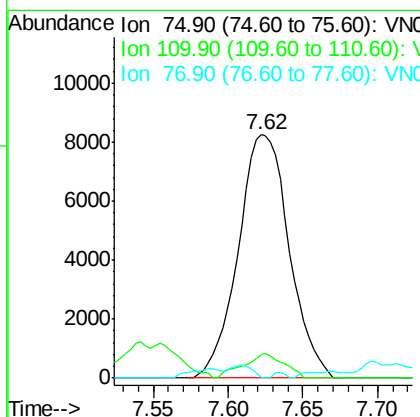
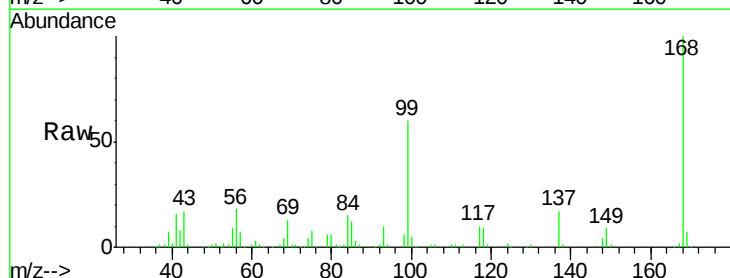
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

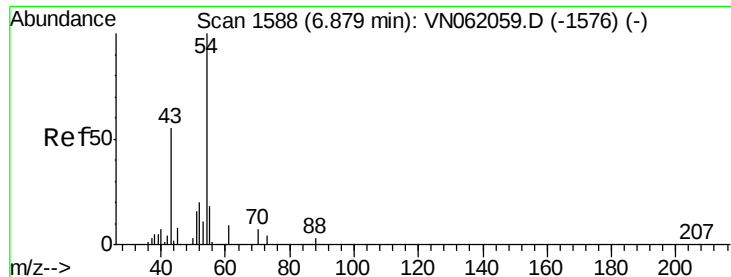
Tgt Ion:113 Resp: 136422
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 17.8 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 4.229 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion: 75 Resp: 19508
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.9 53.8#
 77 0.5 24.9 37.3#

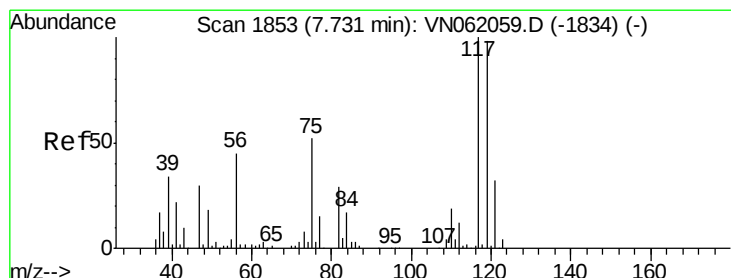
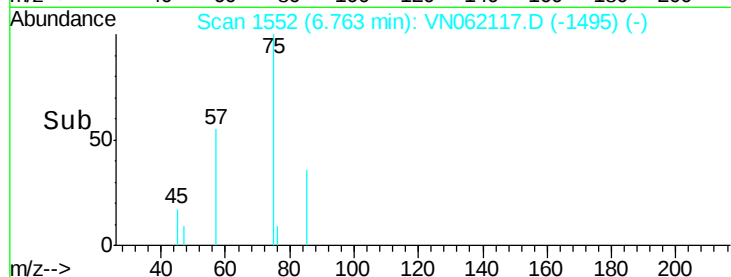
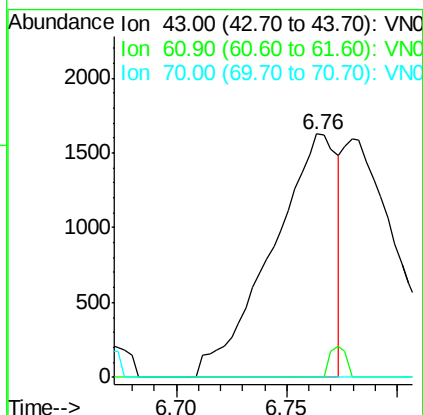
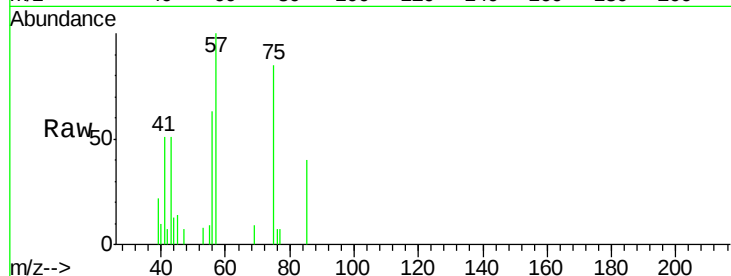




#37
 Ethyl Acetate
 Concen: 0.871 ug/l
 RT: 6.76 min Scan# 1552
 Delta R.T. -0.12 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

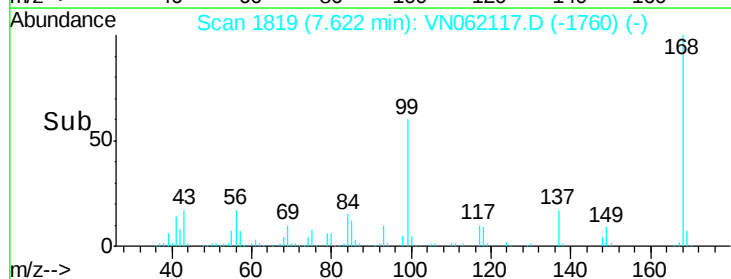
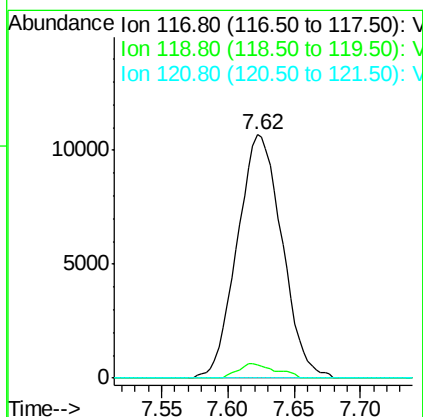
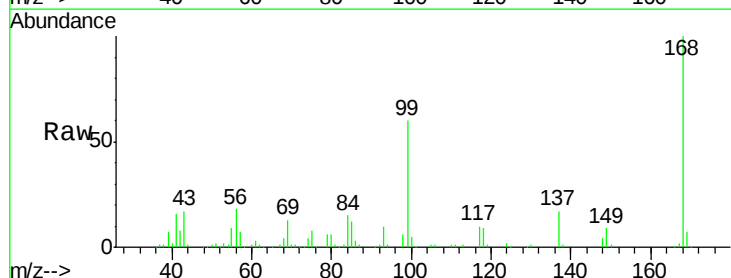
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

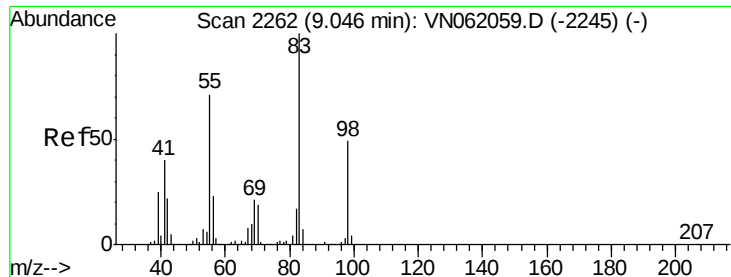
Tgt Ion: 43 Resp: 3328
 Ion Ratio Lower Upper
 43 100
 61 3.2 12.0 18.0#
 70 0.0 9.6 14.4#



#38
 Carbon Tetrachloride
 Concen: 5.779 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion: 117 Resp: 25132
 Ion Ratio Lower Upper
 117 100
 119 5.3 78.2 117.2#
 121 0.0 25.8 38.6#

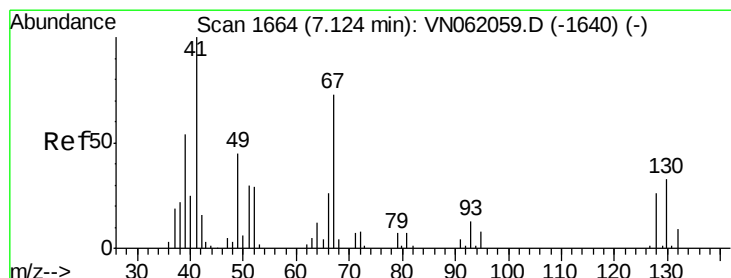
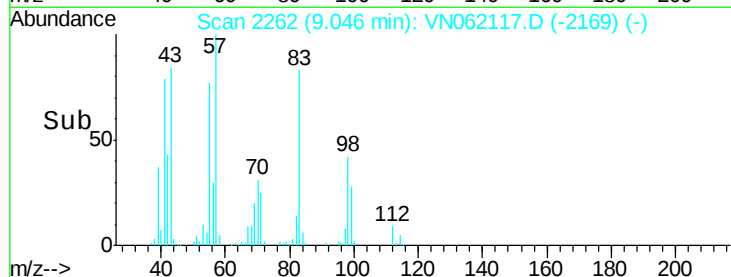
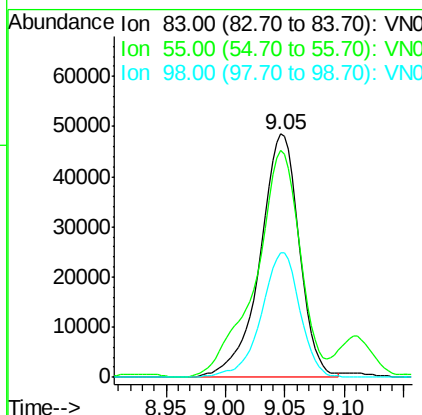
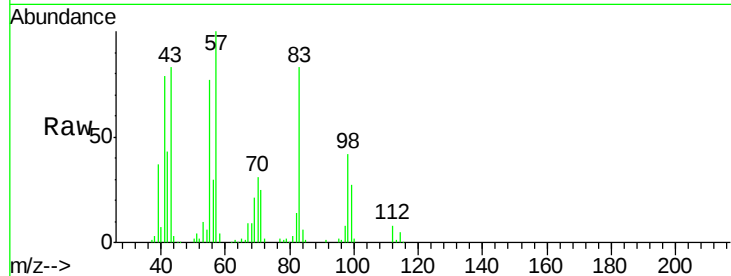




#39
Methylcyclohexane
Concen: 21.948 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

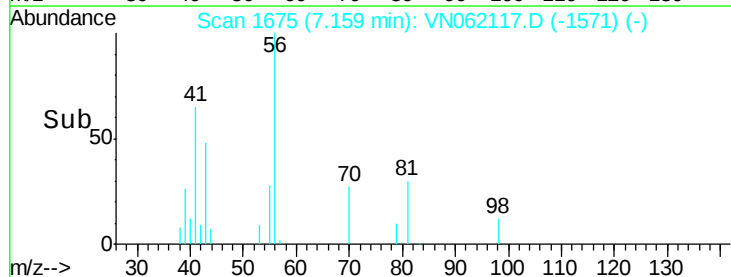
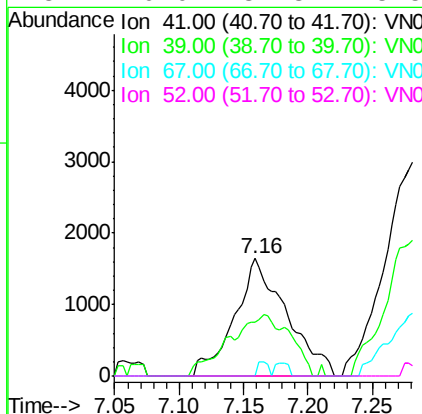
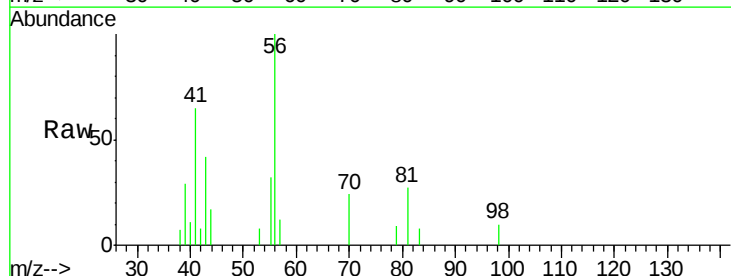
Instrument :
MSVOA_N
ClientSampled :
TW-7A

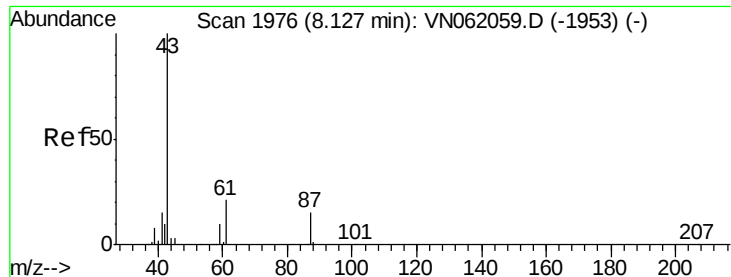
Tgt Ion: 83 Resp: 110936
Ion Ratio Lower Upper
83 100
55 92.8 57.0 85.6#
98 51.0 39.0 58.6



#41
Methacrylonitrile
Concen: 2.596 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 41 Resp: 4597
Ion Ratio Lower Upper
41 100
39 44.4 44.2 66.2
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#

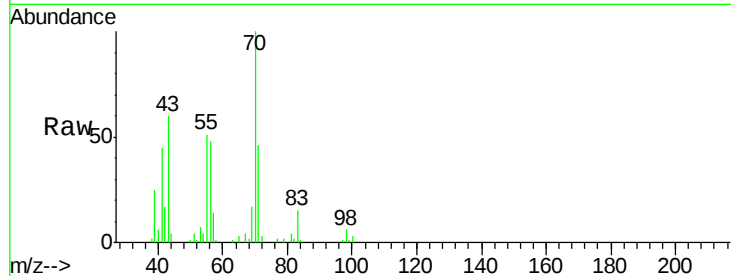




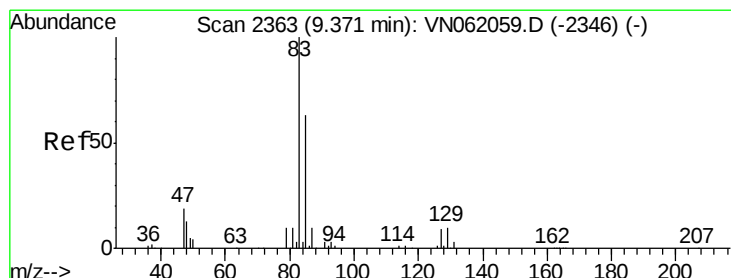
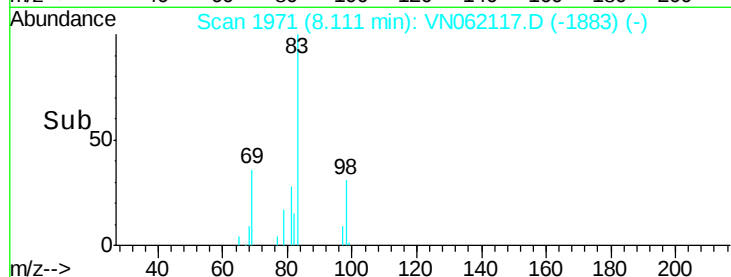
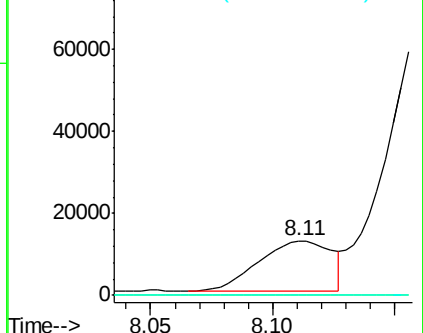
#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.02 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Tgt Ion: 43 Resp: 25636
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 12.1 18.1#

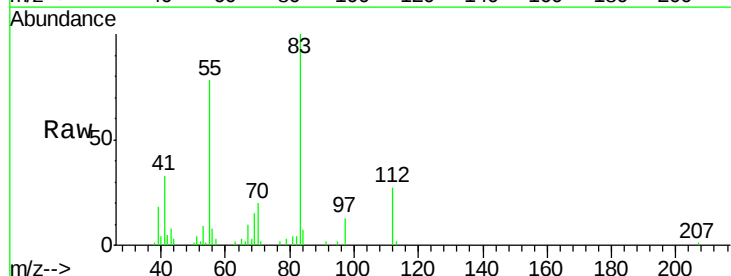


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

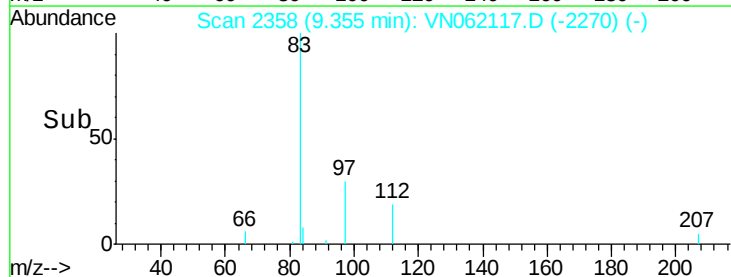
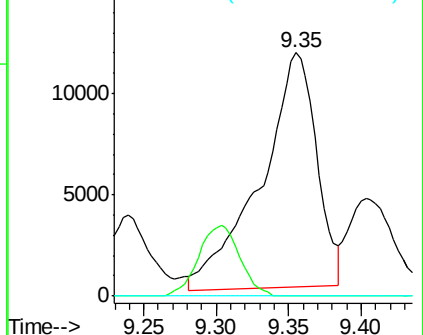


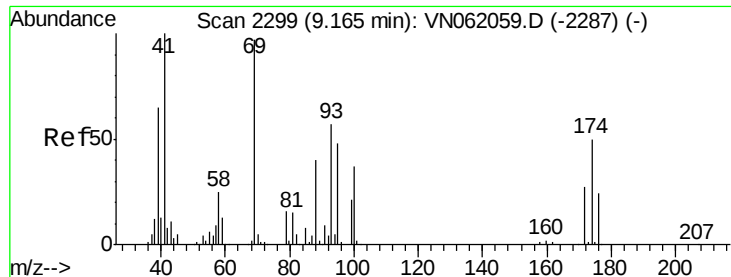
#47
Bromodichloromethane
Concen: 6.550 ug/l
RT: 9.35 min Scan# 2358
Delta R.T. -0.02 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 83 Resp: 31105
Ion Ratio Lower Upper
83 100
85 0.0 50.3 75.5#
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

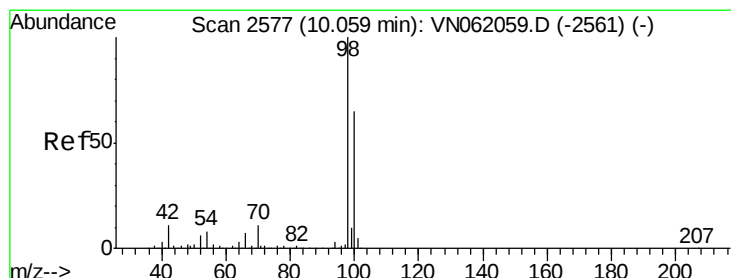
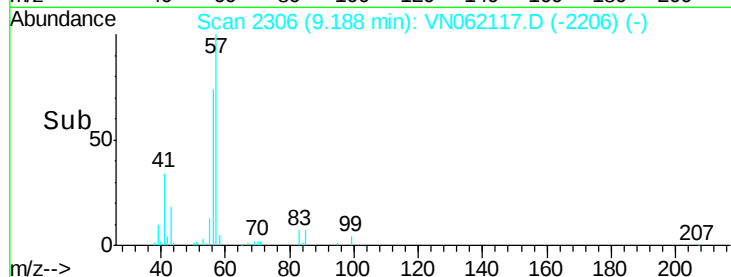
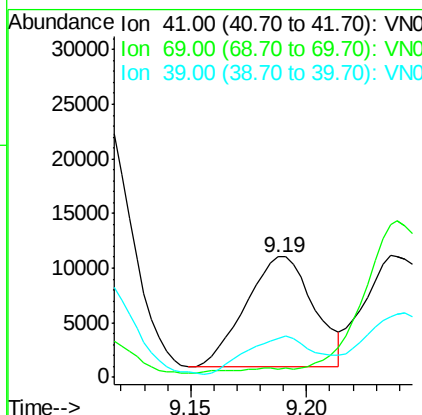
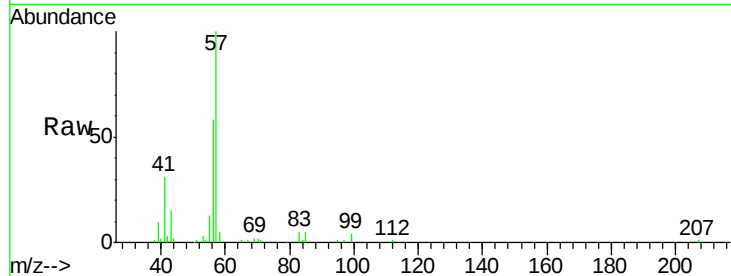




#48
Methyl methacrylate
Concen: 7.410 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.02 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

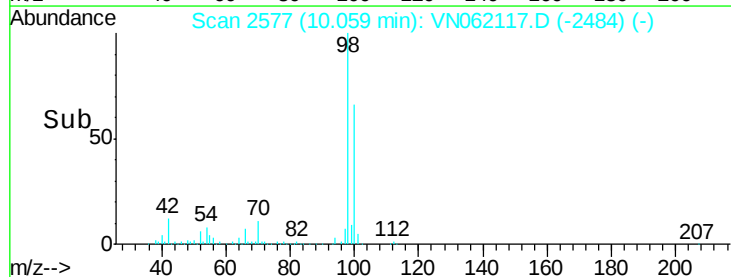
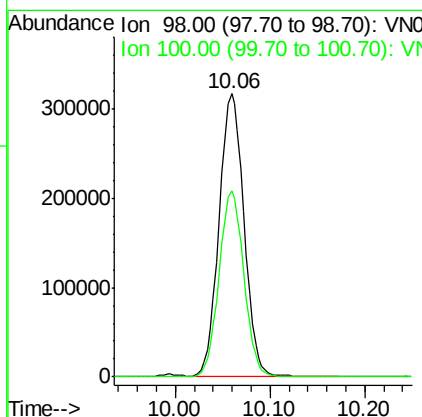
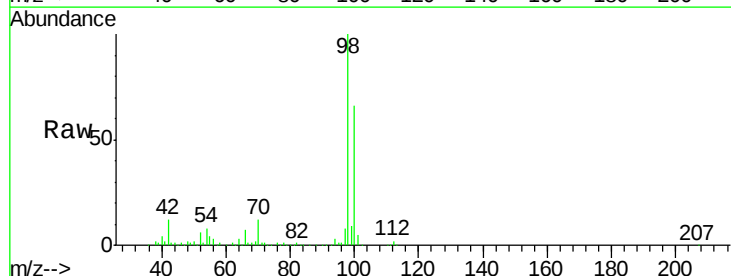
Instrument :
MSVOA_N
ClientSampled :
TW-7A

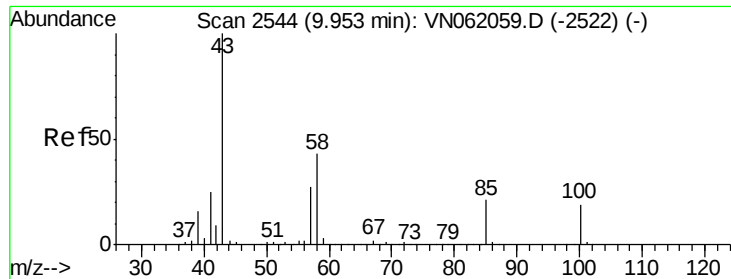
Tgt Ion: 41 Resp: 20689
Ion Ratio Lower Upper
41 100
69 0.0 80.7 121.1#
39 35.0 54.5 81.7#



#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 98 Resp: 580391
Ion Ratio Lower Upper
98 100
100 65.4 51.2 76.8

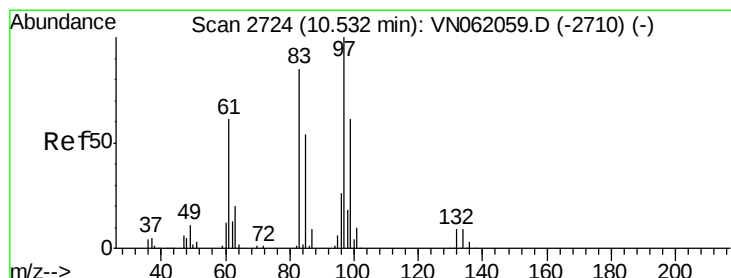
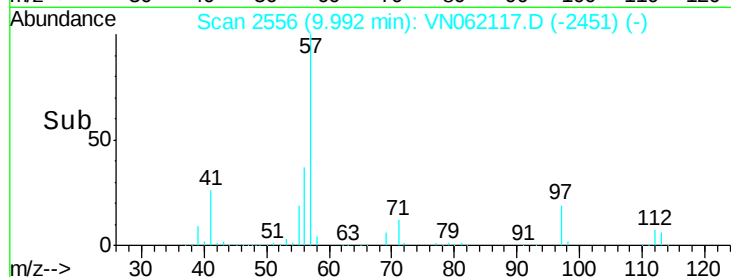
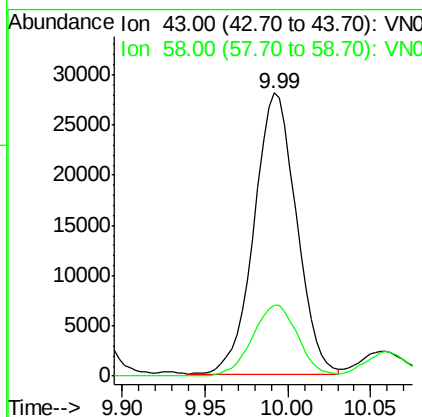
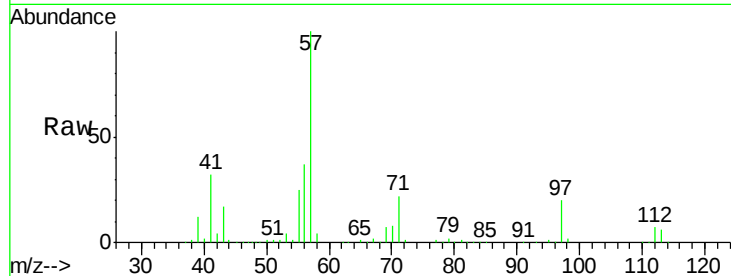




#51
 4-Methyl-2-Pentanone
 Concen: 13.594 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.04 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

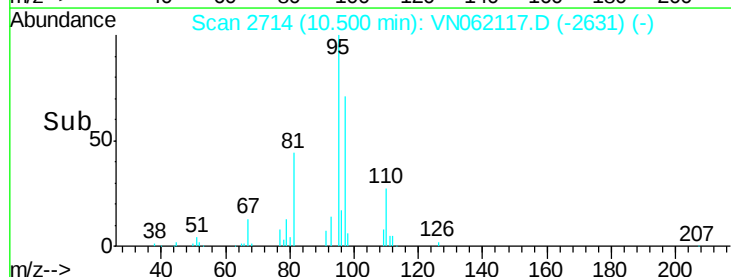
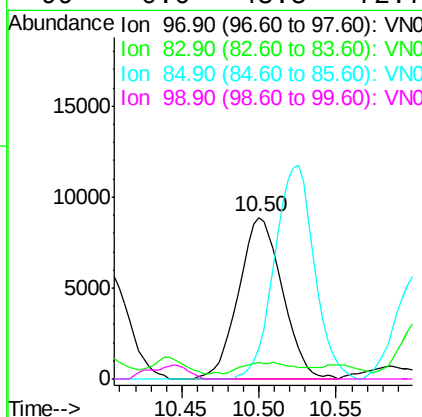
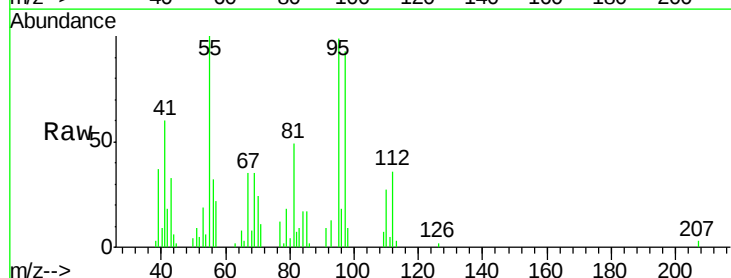
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

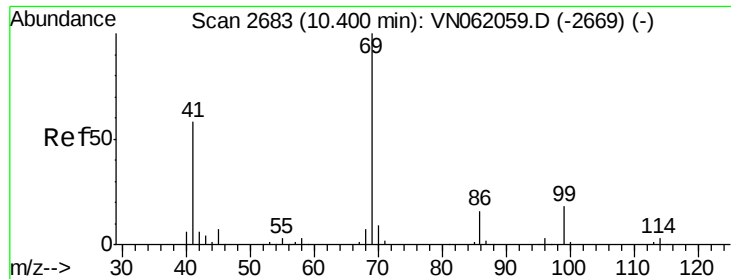
Tgt Ion: 43 Resp: 49458
 Ion Ratio Lower Upper
 43 100
 58 27.2 34.2 51.2#



#55
 1,1,2-Trichloroethane
 Concen: 5.170 ug/l
 RT: 10.50 min Scan# 2714
 Delta R.T. -0.03 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion: 97 Resp: 17435
 Ion Ratio Lower Upper
 97 100
 83 3.1 68.2 102.2#
 85 18.7 43.2 64.8#
 99 0.0 48.5 72.7#

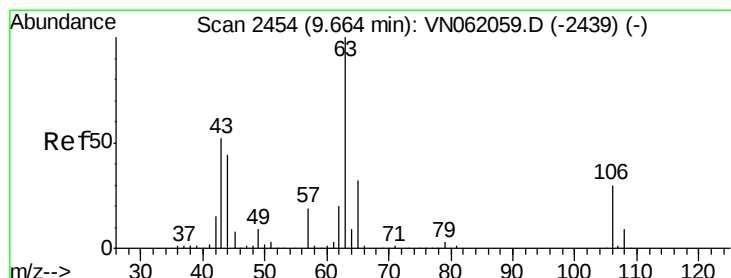
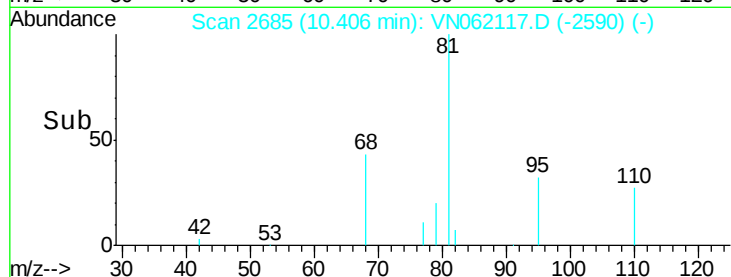
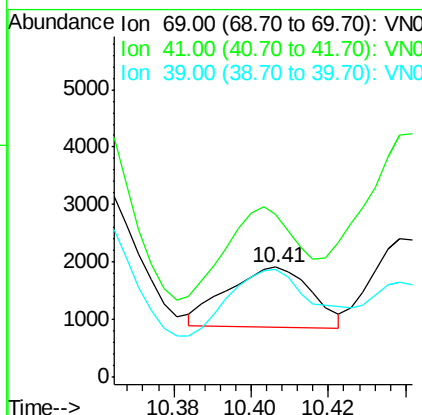
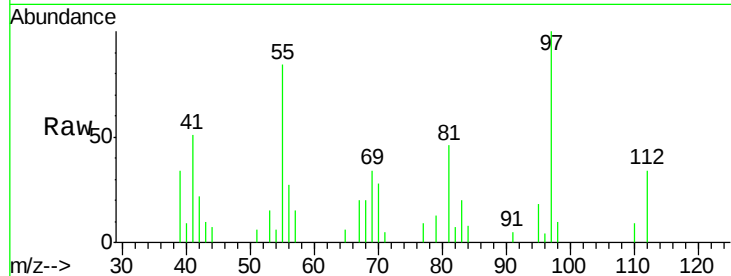




#56
Ethyl methacrylate
Concen: 0.349 ug/l
RT: 10.41 min Scan# 2685
Delta R.T. 0.01 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

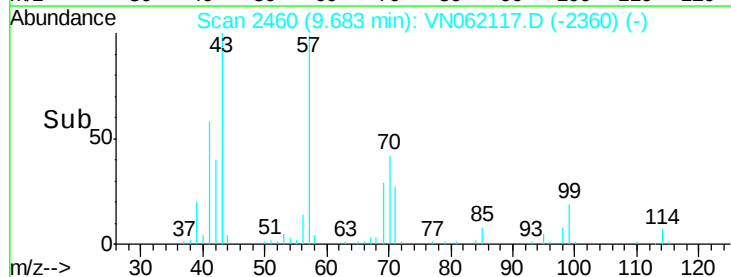
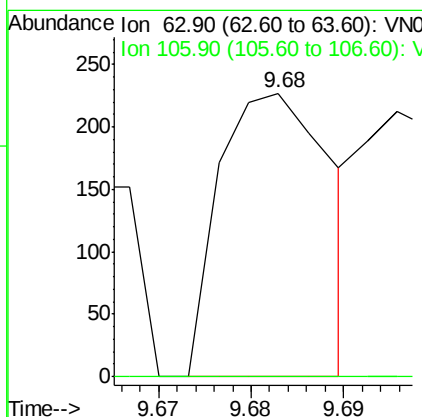
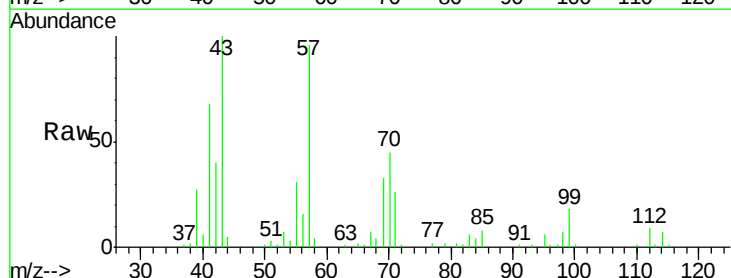
Instrument :
MSVOA_N
ClientSampled :
TW-7A

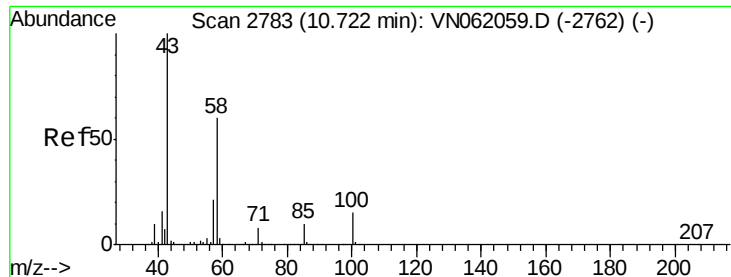
Tgt Ion: 69 Resp: 1571
Ion Ratio Lower Upper
69 100
41 206.0 46.6 70.0#
39 114.5 31.0 46.4#



#58
2-Chloroethyl Vinyl ether
Concen: 16.195 ug/l
RT: 9.68 min Scan# 2460
Delta R.T. 0.02 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 63 Resp: 189
Ion Ratio Lower Upper
63 100
106 0.0 23.2 34.8#





#59

2-Hexanone

Concen: 6.533 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.03 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

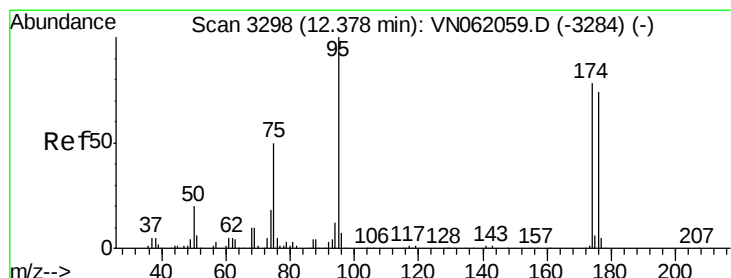
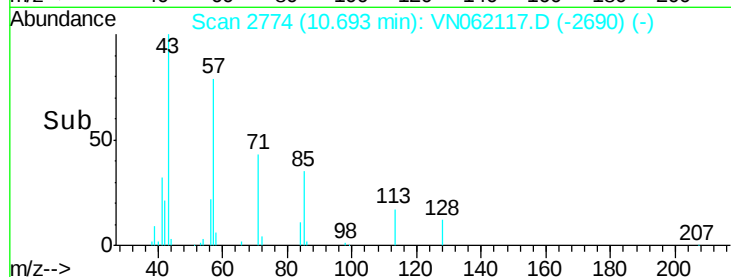
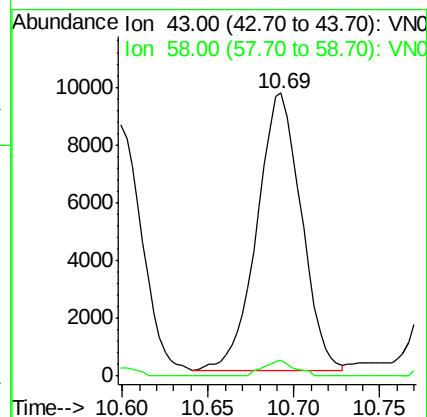
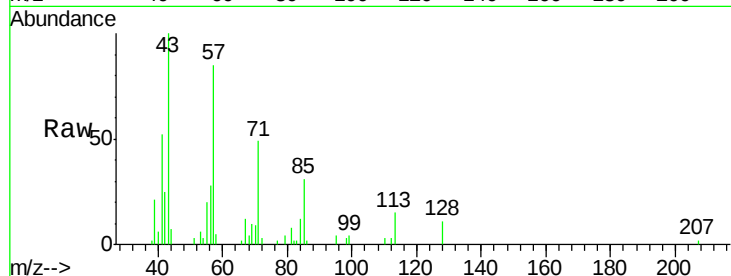
TW-7A

Tgt Ion: 43 Resp: 17164

Ion Ratio Lower Upper

43 100

58 4.0 29.5 88.5#



#62

4-Bromofluorobenzene

Concen: 53.488 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

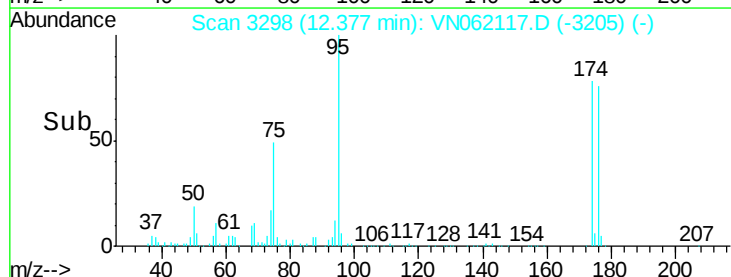
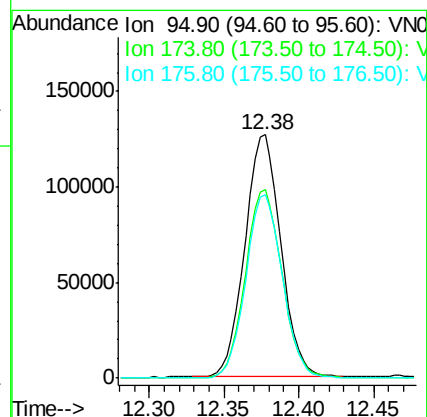
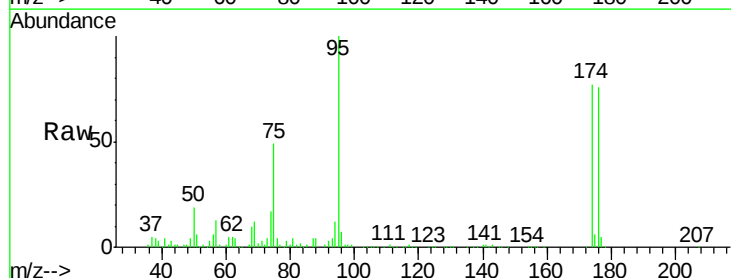
Tgt Ion: 95 Resp: 212691

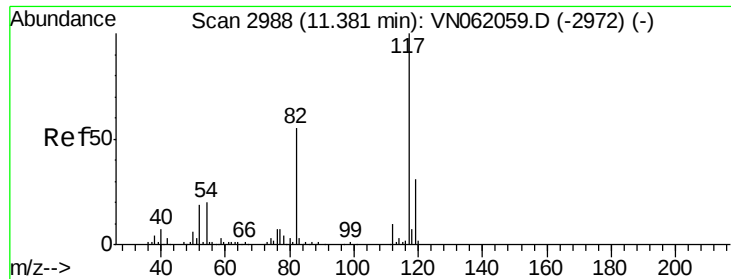
Ion Ratio Lower Upper

95 100

174 79.5 0.0 154.8

176 76.9 0.0 147.4

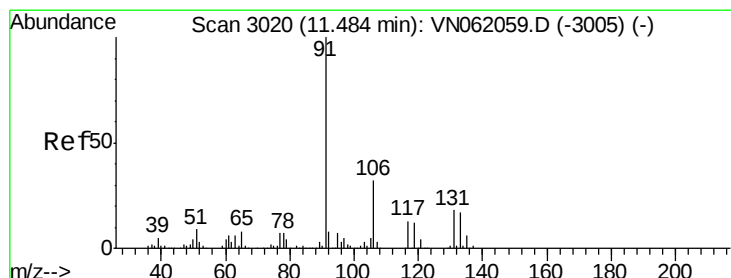
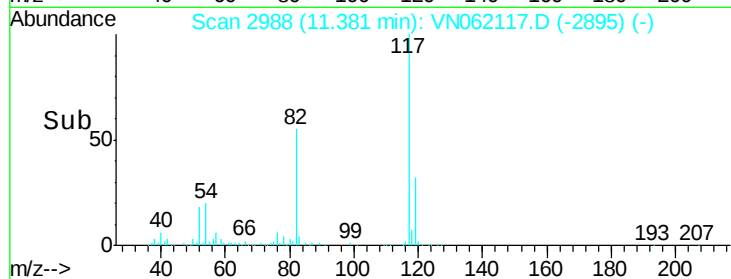
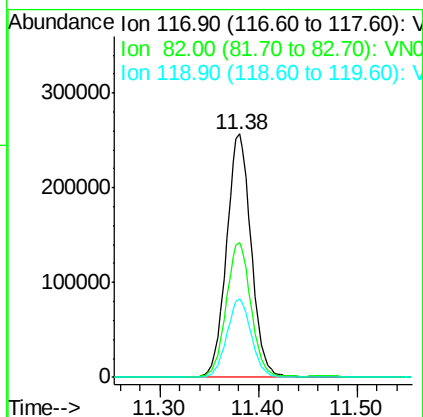
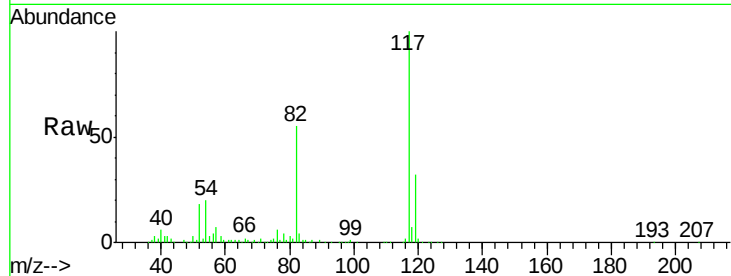




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

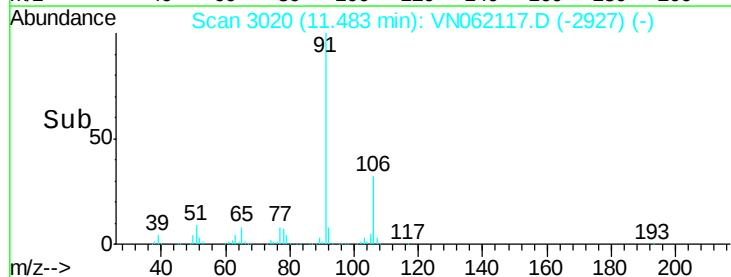
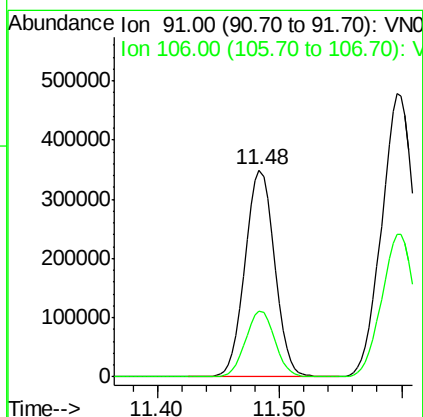
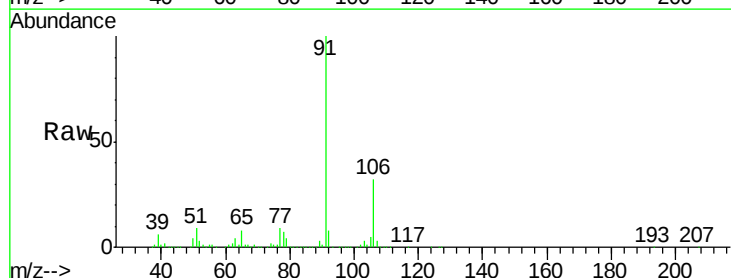
Instrument :
MSVOA_N
ClientSampleId :
TW-7A

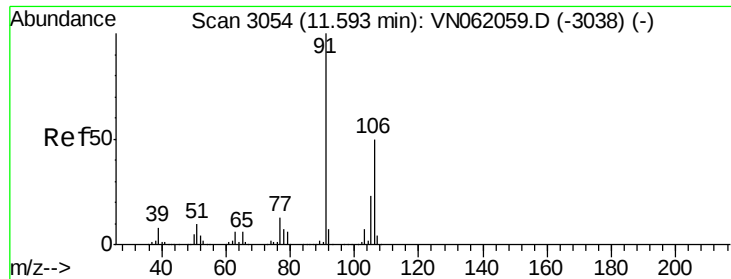
Tgt Ion: 117 Resp: 449335
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 32.1 25.2 37.8



#67
Ethyl Benzene
Concen: 34.915 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 91 Resp: 581852
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9

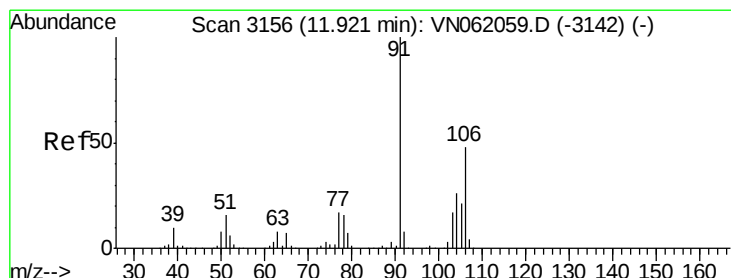
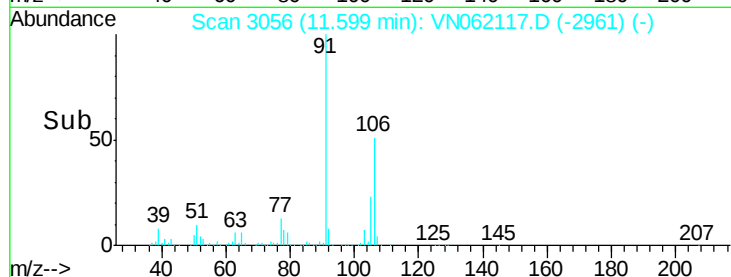
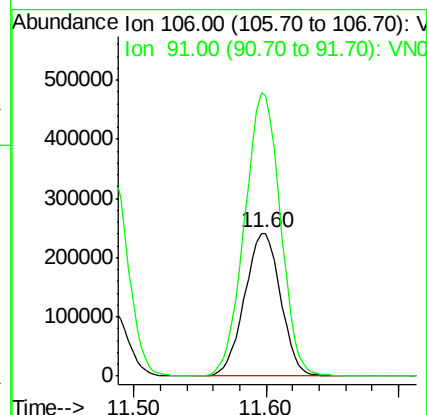
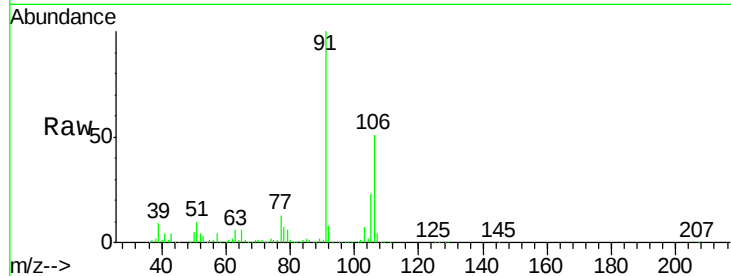




#68
m/p-Xylenes
Concen: 70.498 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

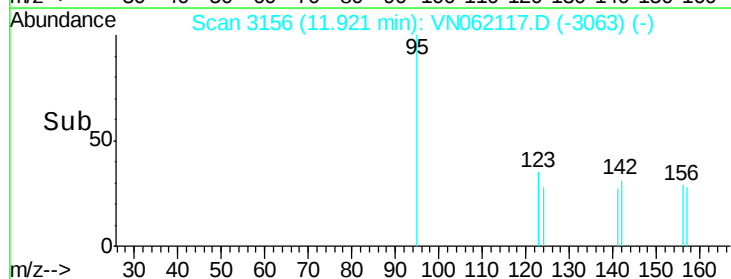
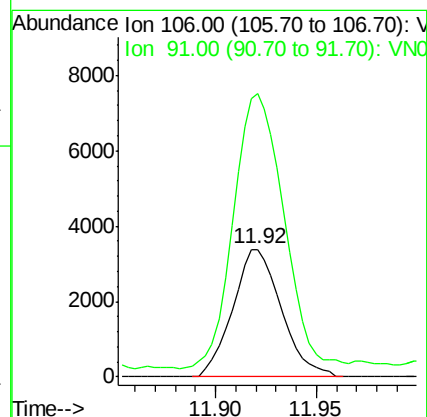
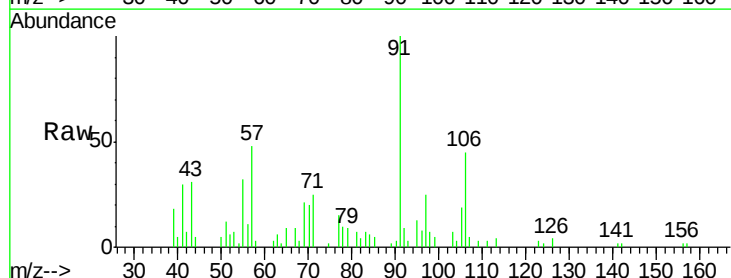
Instrument :
MSVOA_N
ClientSampled :
TW-7A

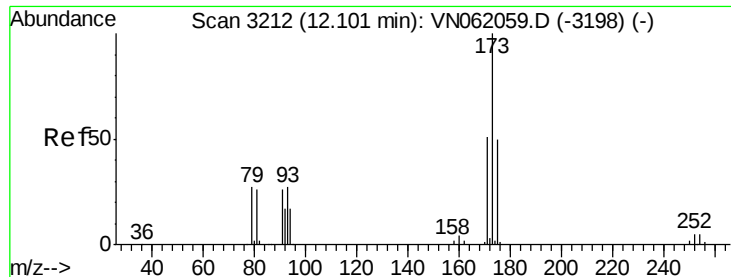
Tgt Ion:106 Resp: 454407
Ion Ratio Lower Upper
106 100
91 197.0 157.8 236.8



#69
o-Xylene
Concen: 0.936 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion:106 Resp: 5695
Ion Ratio Lower Upper
106 100
91 222.5 104.0 311.9





#71

Bromoform

Concen: 0.253 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

TW-7A

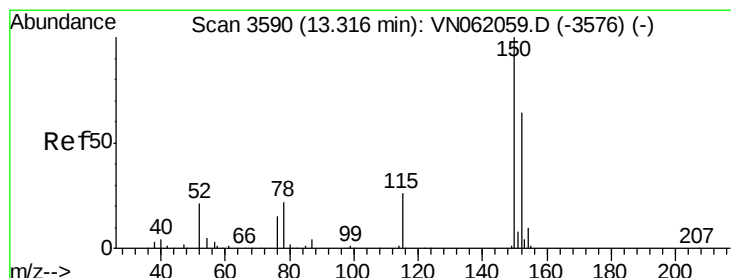
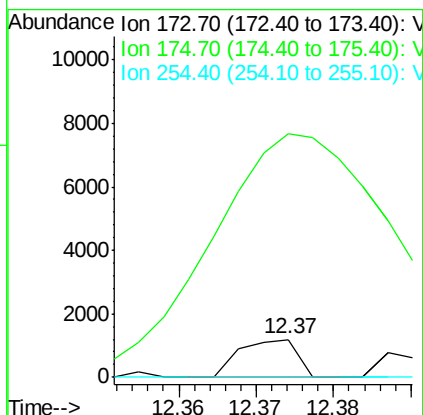
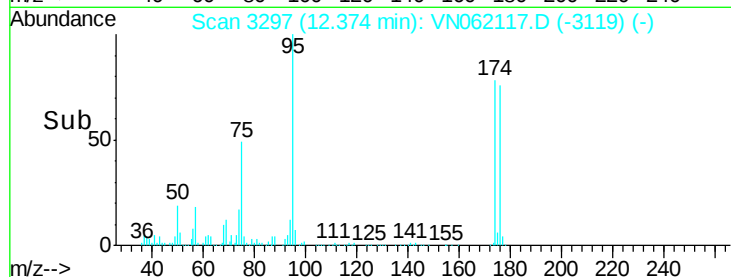
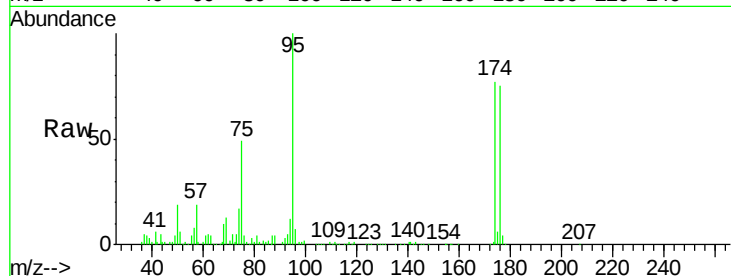
Tgt Ion:173 Resp: 613

Ion Ratio Lower Upper

173 100

175 1808.0 24.7 74.1#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

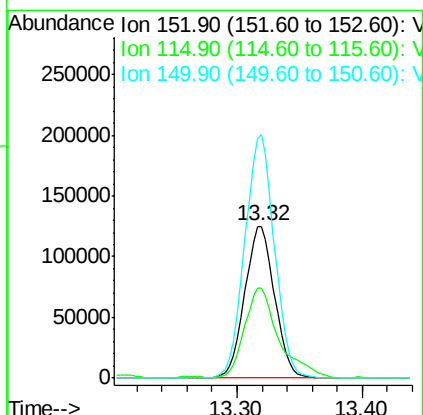
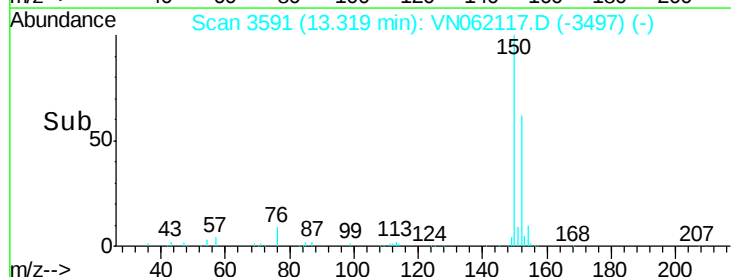
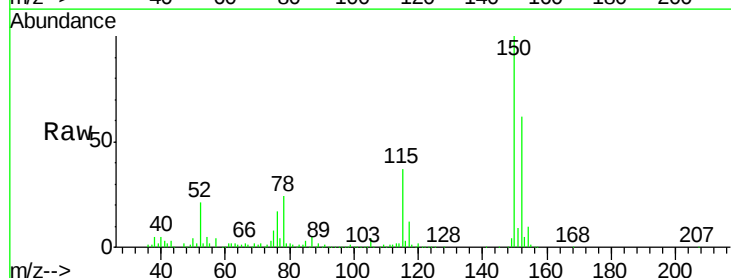
Tgt Ion:152 Resp: 207653

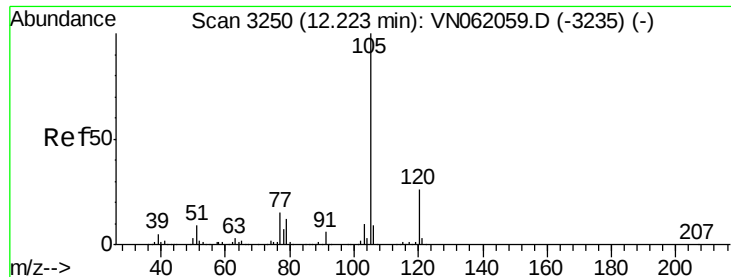
Ion Ratio Lower Upper

152 100

115 67.2 29.5 88.5

150 159.0 0.0 351.4





#73

Isopropylbenzene

Concen: 34.570 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

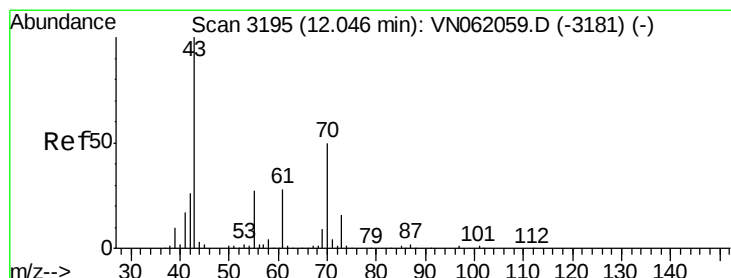
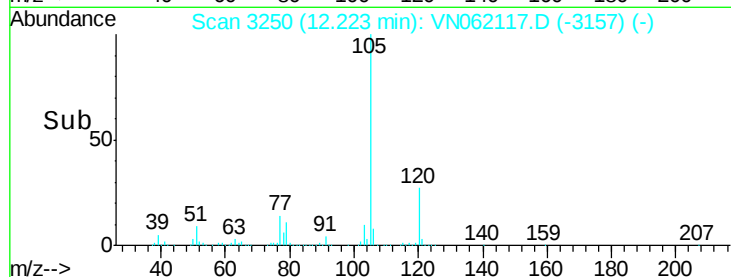
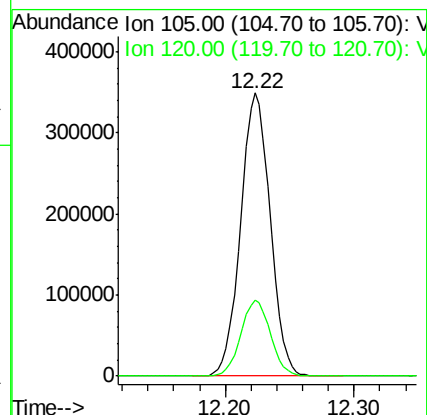
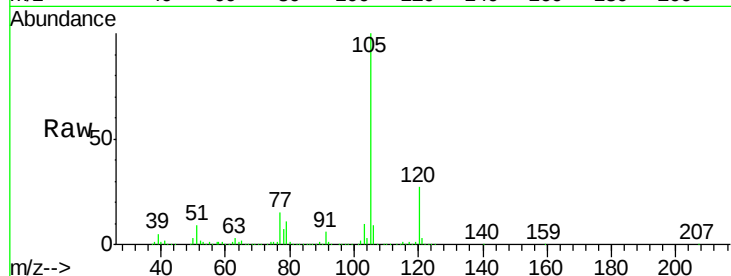
TW-7A

Tgt Ion:105 Resp: 555686

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 4.830 ug/l

RT: 12.02 min Scan# 3186

Delta R.T. -0.03 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Tgt Ion: 43 Resp: 9427

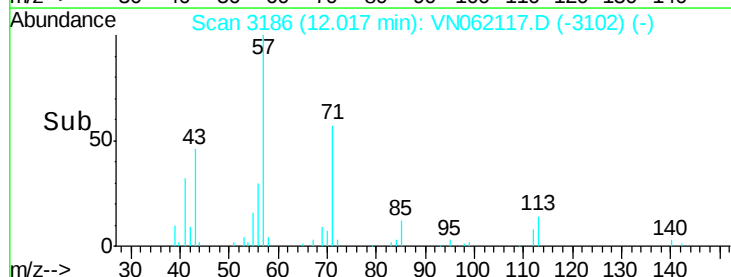
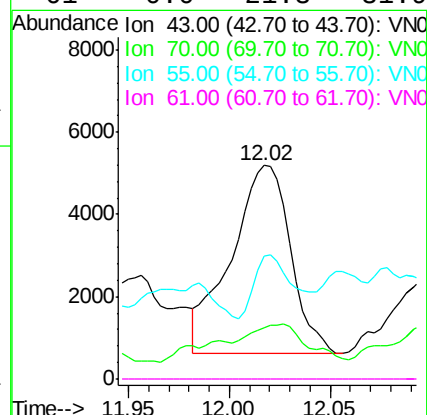
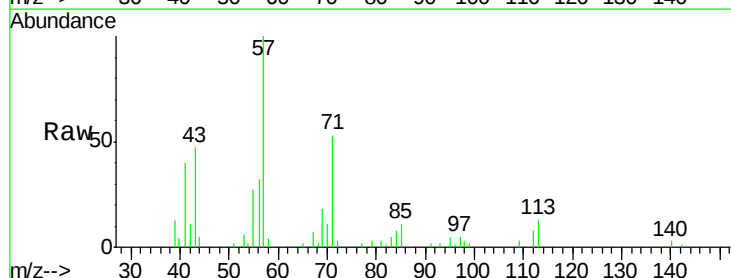
Ion Ratio Lower Upper

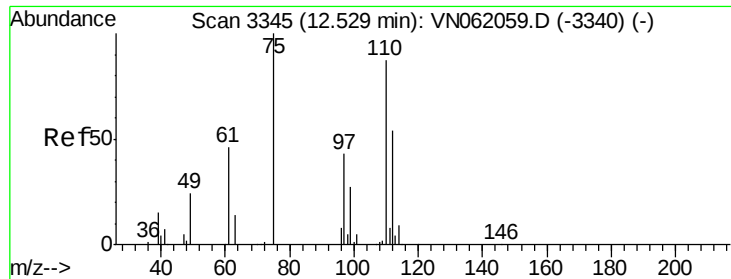
43 100

70 16.5 39.4 59.2#

55 23.3 21.7 32.5

61 0.0 21.3 31.9#

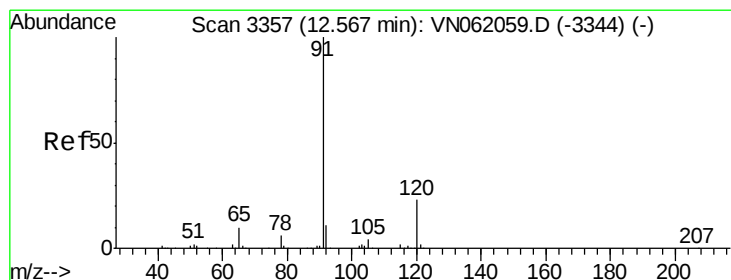
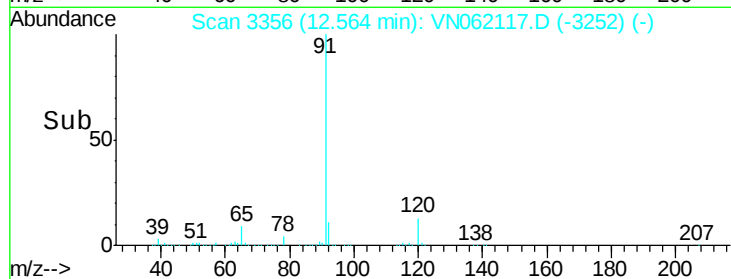
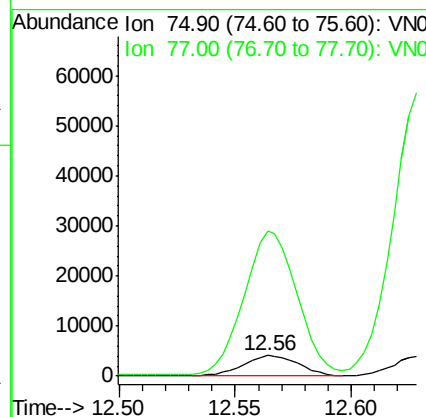
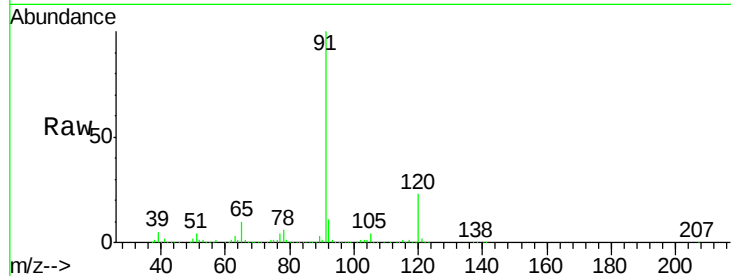




#76
 1,2,3-Trichloropropane
 Concen: 1.412 ug/l
 RT: 12.56 min Scan# 3356
 Delta R.T. 0.04 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

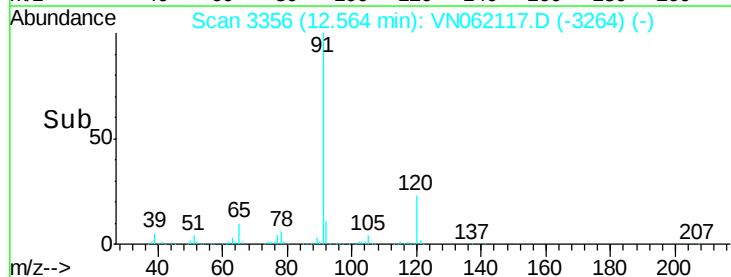
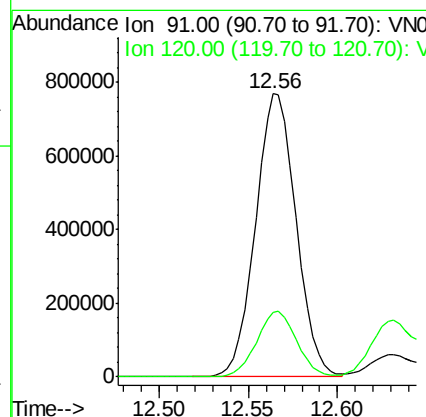
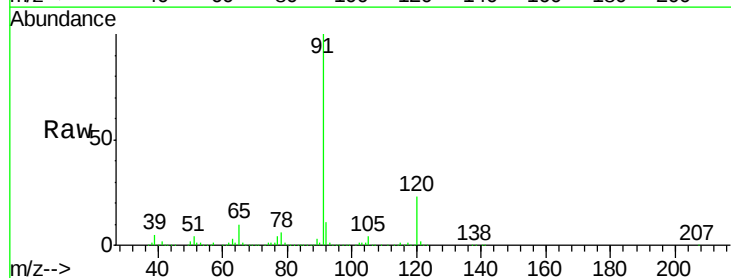
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

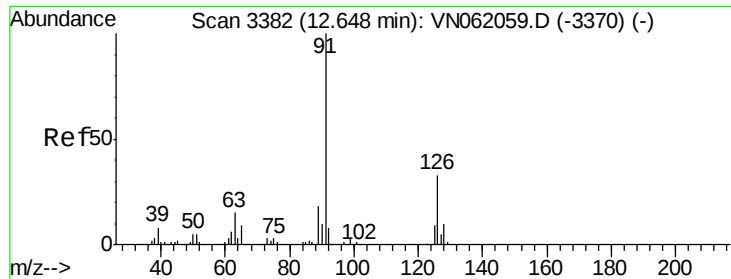
Tgt Ion: 75 Resp: 6902
 Ion Ratio Lower Upper
 75 100
 77 660.8 0.0 0.0#



#78
 n-propylbenzene
 Concen: 66.358 ug/l
 RT: 12.56 min Scan# 3356
 Delta R.T. -0.00 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion: 91 Resp: 1220087
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.4 34.1

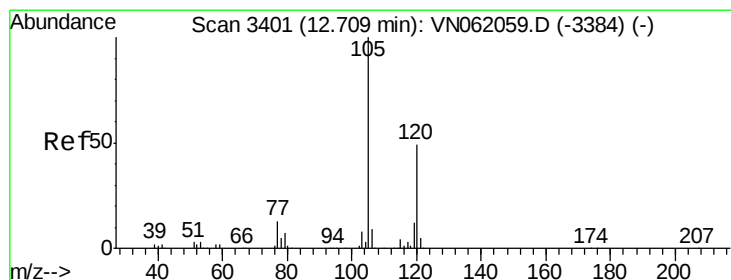
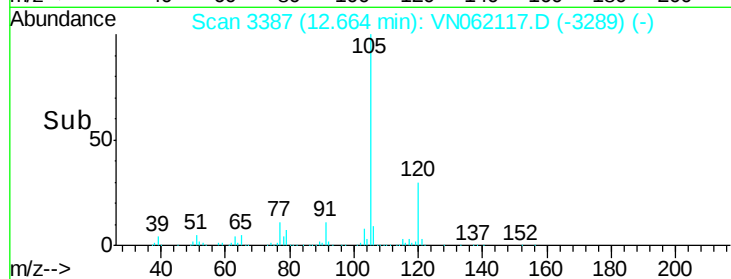
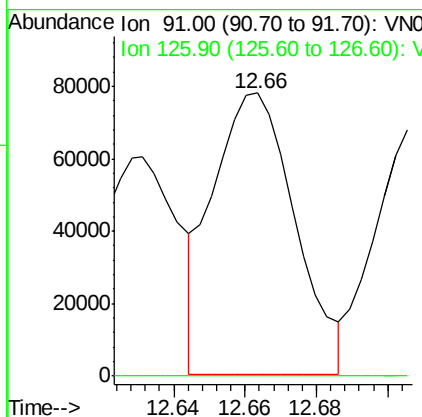
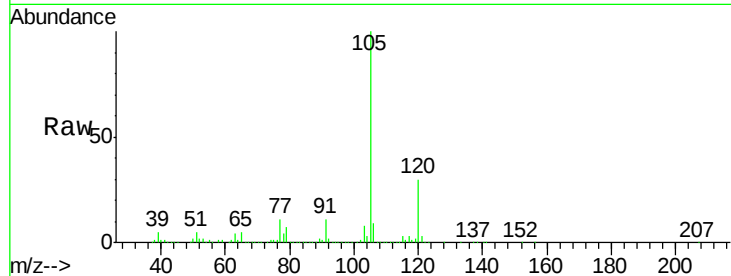




#79
 2-Chlorotoluene
 Concen: 11.087 ug/l
 RT: 12.66 min Scan# 3387
 Delta R.T. 0.02 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

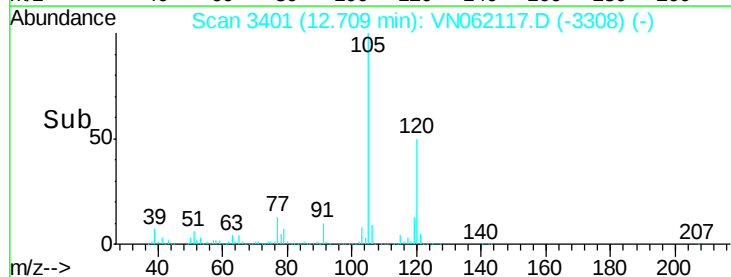
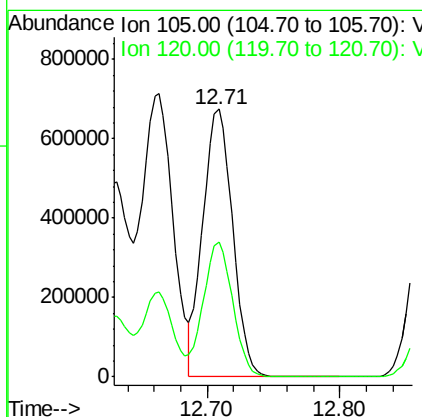
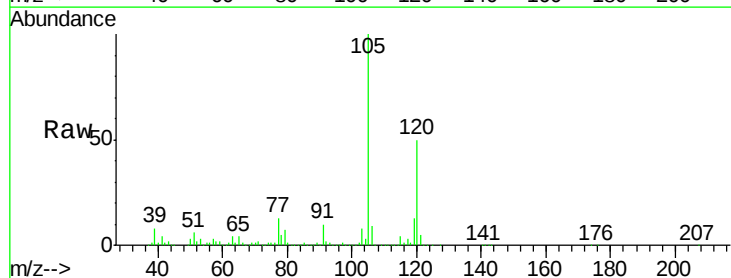
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7A

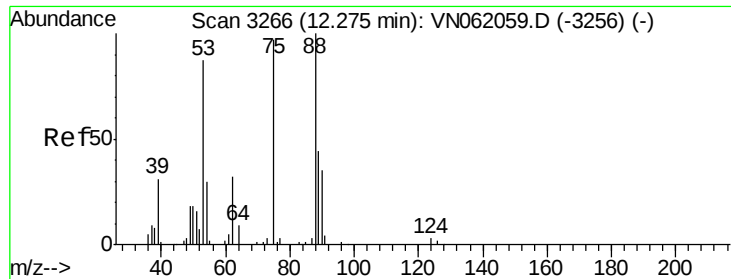
Tgt Ion: 91 Resp: 123241
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.9 50.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 80.624 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion: 105 Resp: 1050569
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 3.462 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.05 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

TW-7A

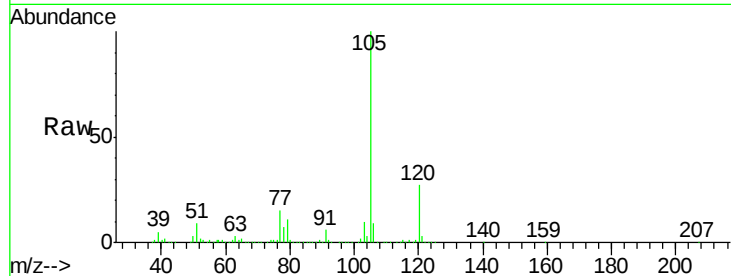
Tgt Ion: 75 Resp: 5795

Ion Ratio Lower Upper

75 100

53 104.6 72.0 108.0

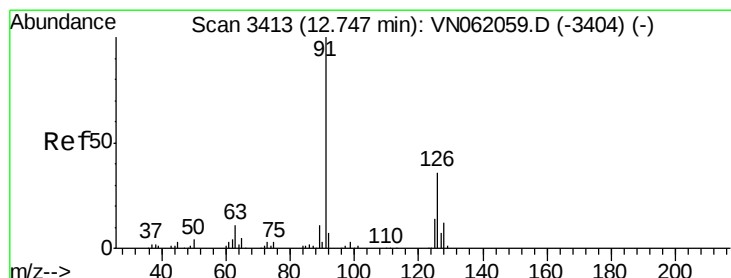
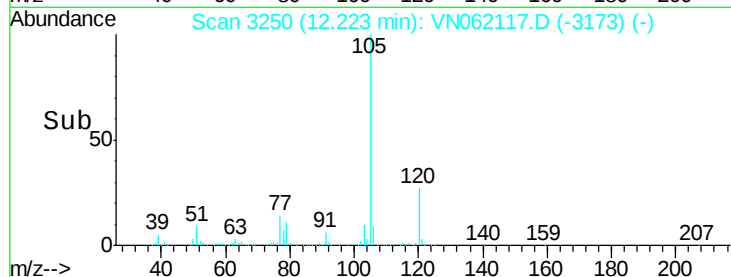
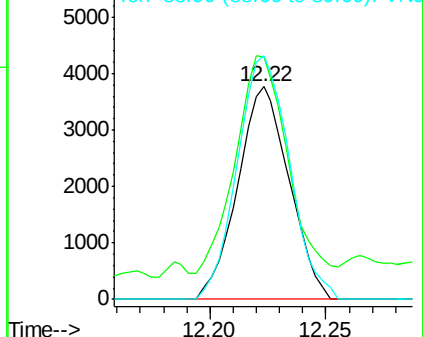
89 116.1 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062117.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062117.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062117.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 9.273 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062117.D

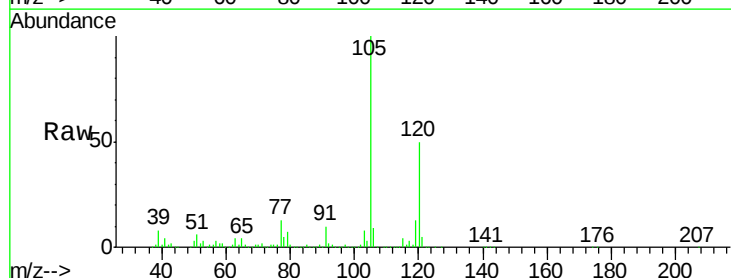
Acq: 25 Jun 2020 17:41

Tgt Ion: 91 Resp: 106593

Ion Ratio Lower Upper

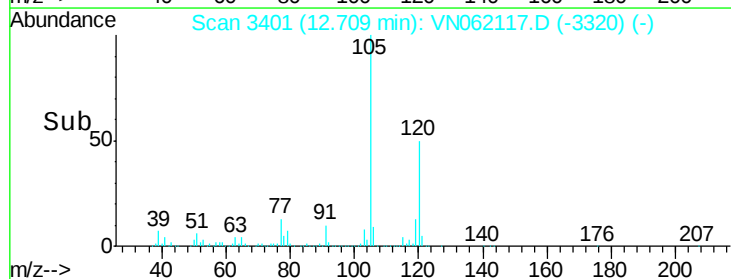
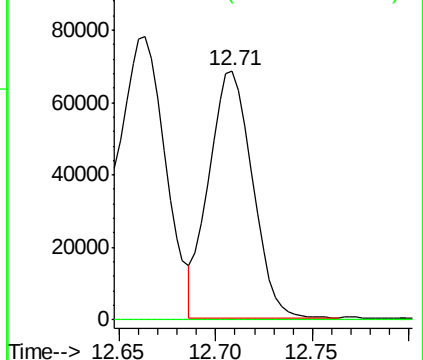
91 100

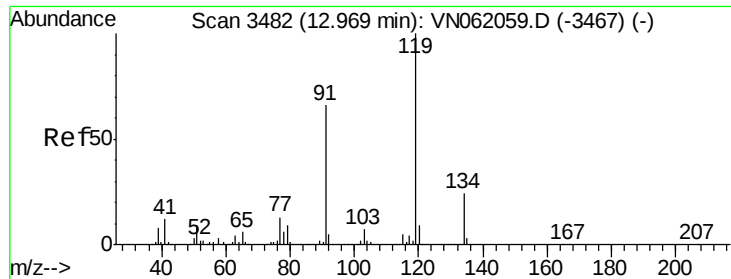
126 0.1 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN062117.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062117.D (-3320) (-)

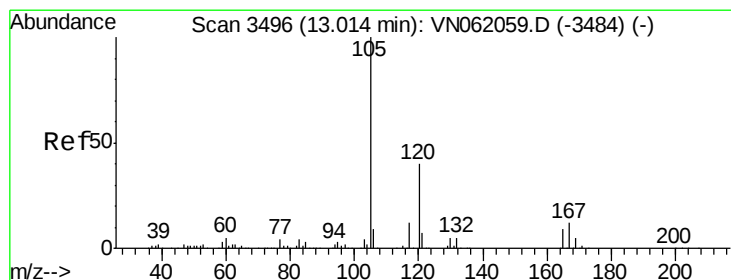
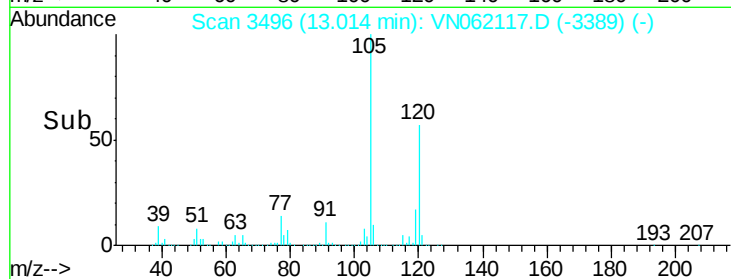
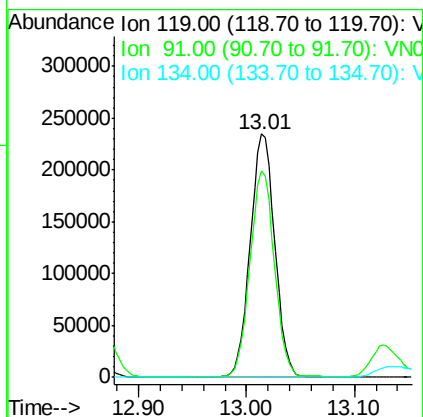
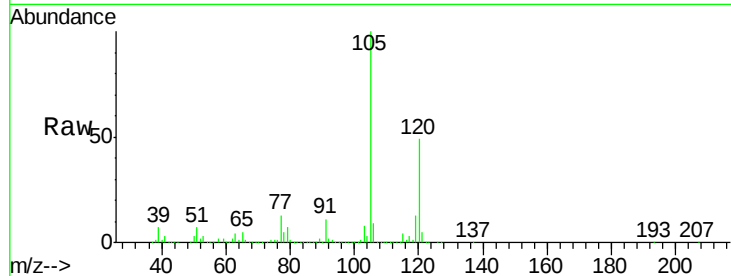




#83
 tert-Butylbenzene
 Concen: 33.385 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.04 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

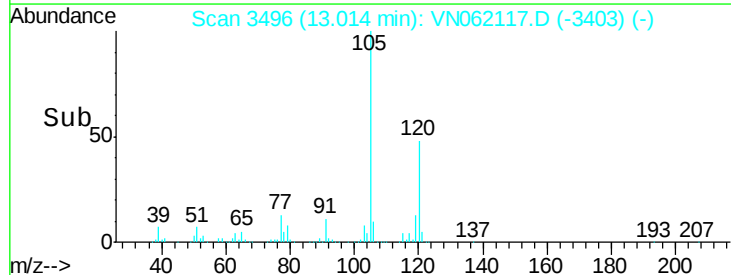
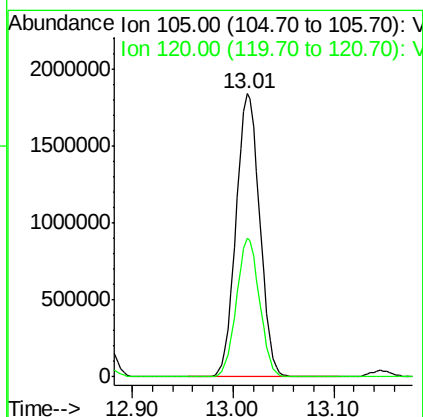
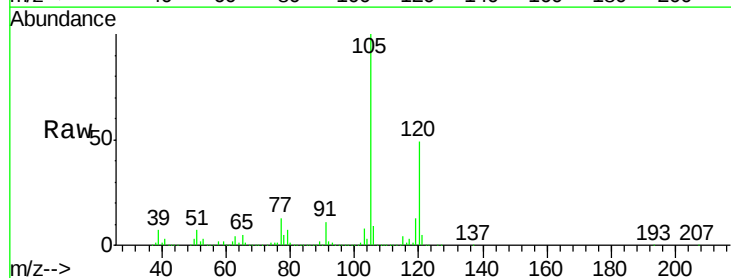
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

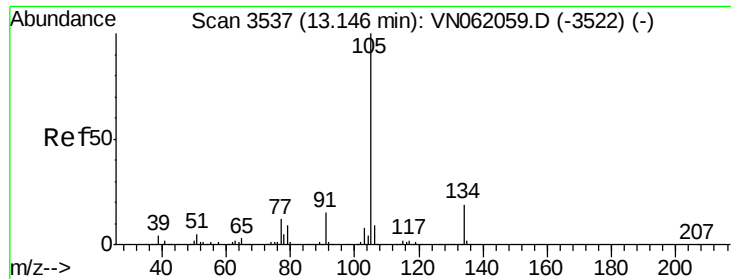
Tgt Ion:119 Resp: 372292
 Ion Ratio Lower Upper
 119 100
 91 84.1 31.7 95.1
 134 0.0 13.1 39.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 230.084 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062117.D
 Acq: 25 Jun 2020 17:41

Tgt Ion:105 Resp: 2994331
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 203.207 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.13 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

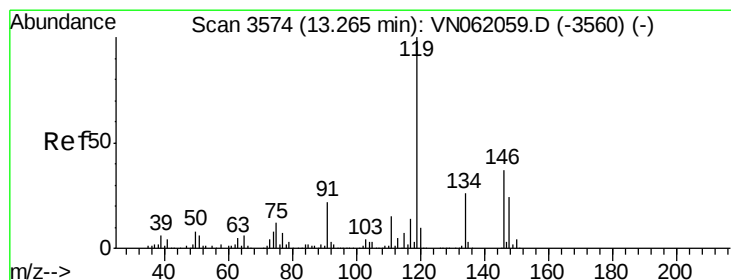
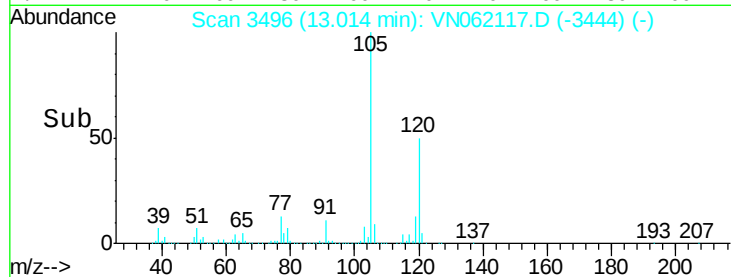
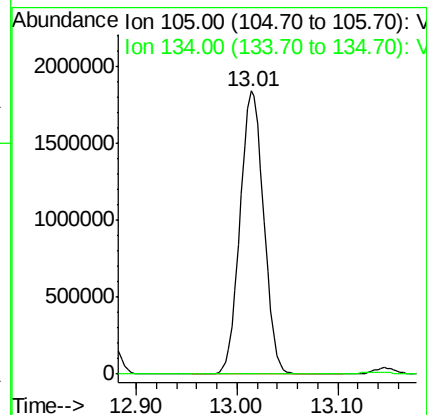
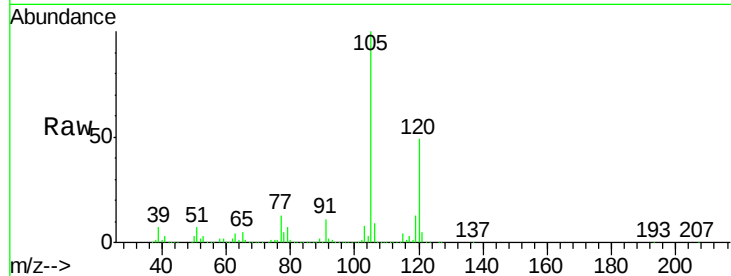
TW-7A

Tgt Ion:105 Resp: 2994331

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 4.419 ug/l

RT: 13.21 min Scan# 3556

Delta R.T. -0.06 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

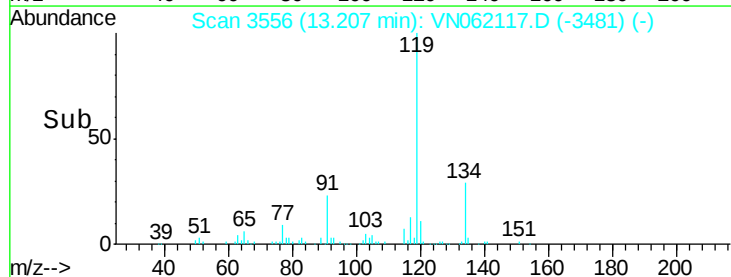
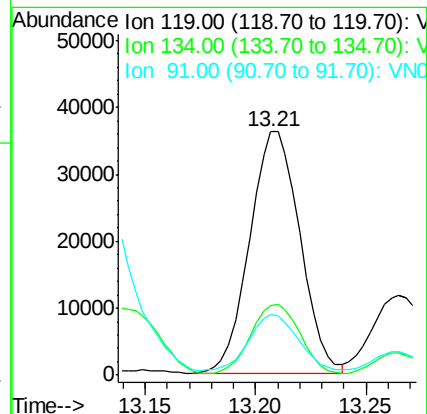
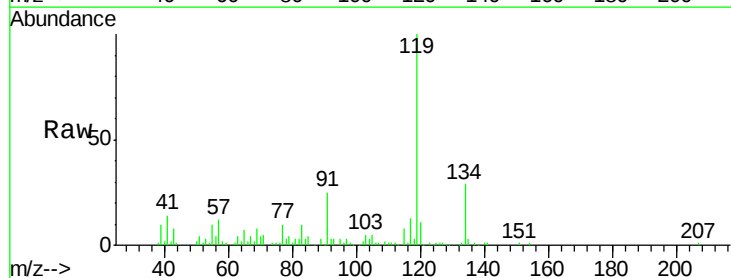
Tgt Ion:119 Resp: 57046

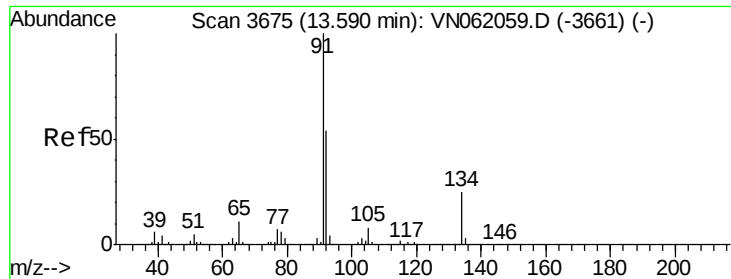
Ion Ratio Lower Upper

119 100

134 29.1 13.0 39.0

91 22.4 11.3 33.8

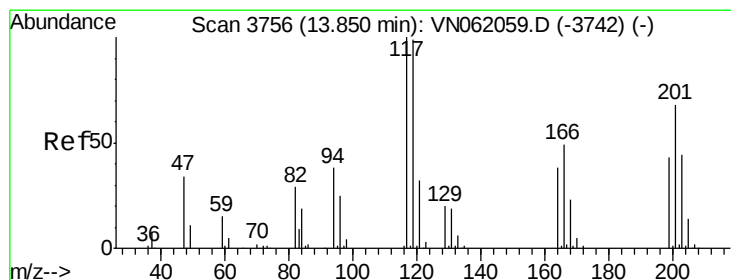
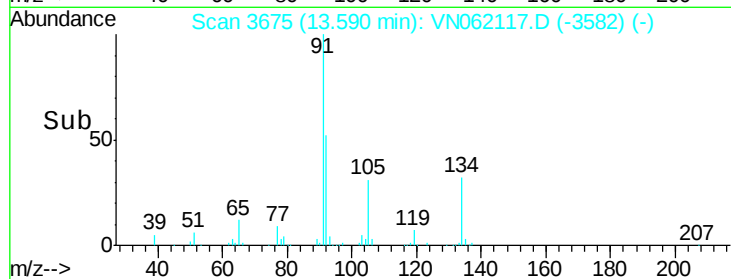
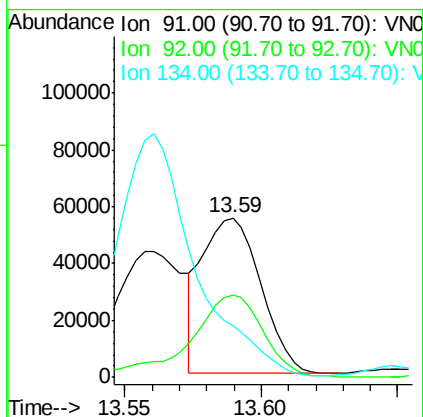
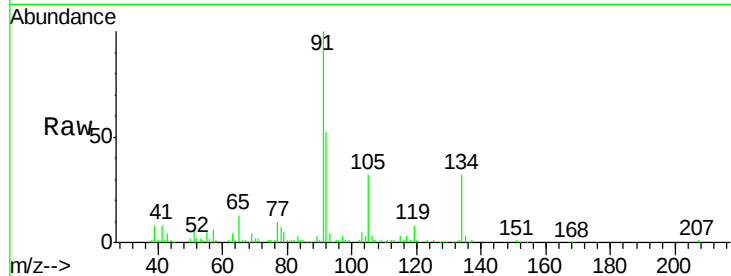




#89
n-Butylbenzene
Concen: 7.598 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

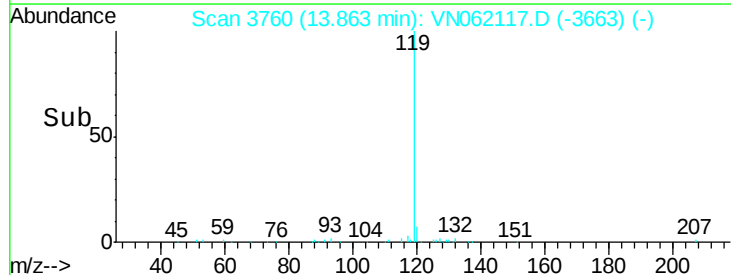
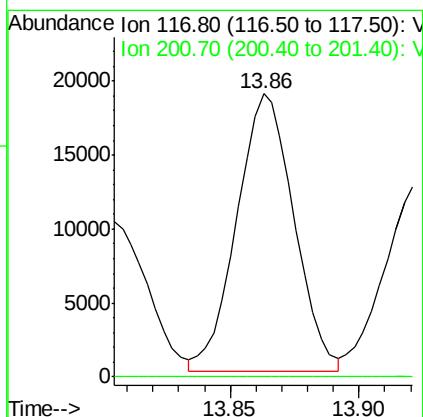
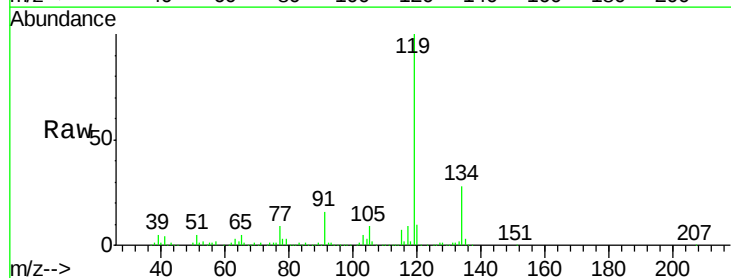
Instrument :
MSVOA_N
ClientSampleId :
TW-7A

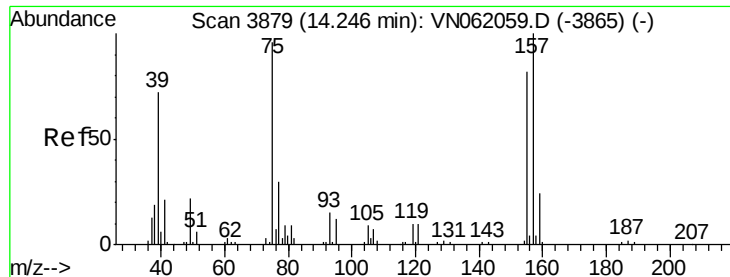
Tgt Ion: 91 Resp: 81545
Ion Ratio Lower Upper
91 100
92 65.1 26.6 79.7
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 11.443 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion: 117 Resp: 28985
Ion Ratio Lower Upper
117 100
201 0.0 32.7 98.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.479 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

TW-7A

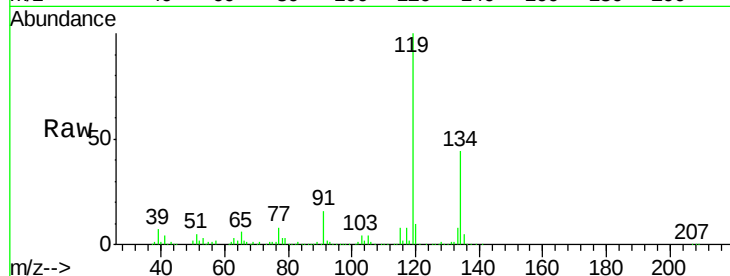
Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.4#

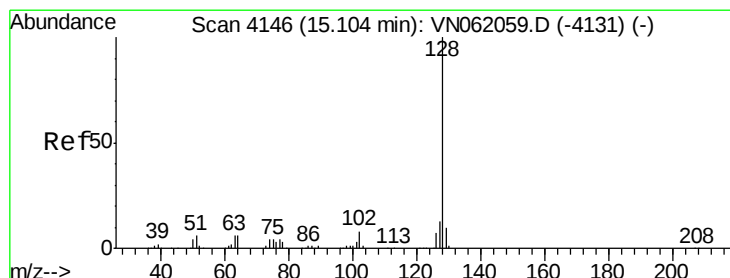
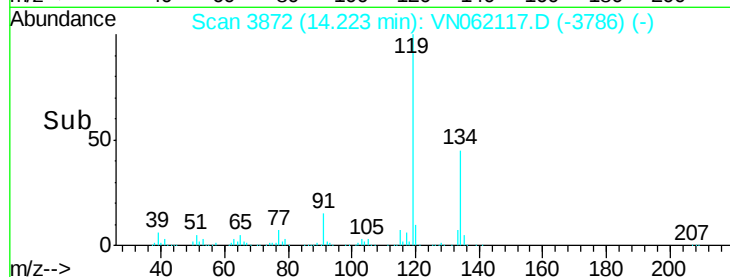
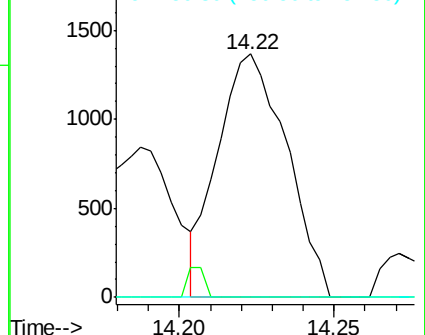
157 0.0 51.4 154.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062117.D (-3786) (-)

Ion 154.80 (154.50 to 155.50): VN062117.D (-3786) (-)

Ion 156.80 (156.50 to 157.50): VN062117.D (-3786) (-)



#95

Naphthalene

Concen: 15.340 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

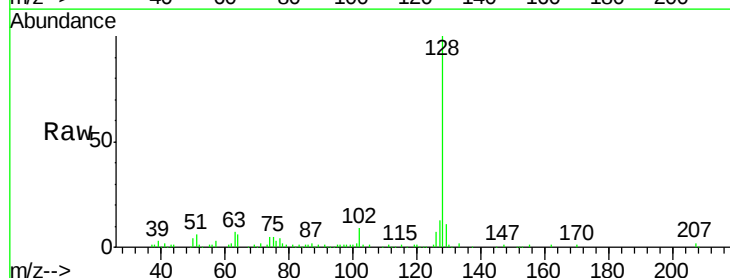
Tgt Ion: 128 Resp: 122039

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN062117.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062117.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062117.D (-4053) (-)

