

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062441.D
 Acq On : 9 Jul 2020 5:59
 Operator : JC/MD
 Sample : L3215-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Jul 09 06:20:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	358324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	349019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	151349	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.55	113	113215	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.06	98	477155	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.37	95	181090	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	

Target Compounds

						Qvalue
3) Chloromethane	2.03	50	1249	0.386	ug/l #	88
13) Acrolein	3.54	56	234	0.643	ug/l #	1
16) Acetone	3.78	43	6506	5.037	ug/l	95
17) Carbon Disulfide	4.01	76	10105	1.588	ug/l #	87
31) Cyclohexane	7.63	56	8705	1.884	ug/l #	11
36) 1,1-Dichloropropene	7.63	75	17350	4.806	ug/l #	51
38) Carbon Tetrachloride	7.63	117	20393	6.283	ug/l #	16
39) Methylcyclohexane	9.05	83	130187	33.779	ug/l	99
40) Benzene	8.00	78	118387	11.127	ug/l	99
41) Methacrylonitrile	7.35	41	1095	0.621	ug/l #	1
44) Trichloroethene	8.80	130	967	0.410	ug/l	86
45) 1,2-Dichloropropane	9.05	63	1150	0.372	ug/l #	1
48) Methyl methacrylate	9.24	41	6329	1.935	ug/l #	60
51) 4-Methyl-2-Pentanone	9.96	43	803	0.202	ug/l #	39
52) Toluene	10.12	92	44975	7.318	ug/l	98
55) 1,1,2-Trichloroethane	10.50	97	20751	8.585	ug/l #	19
56) Ethyl methacrylate	10.40	69	8418	3.539	ug/l #	16
59) 2-Hexanone	10.69	43	3971	1.373	ug/l #	27
65) Chlorobenzene	11.56	112	4318	0.637	ug/l #	42
67) Ethyl Benzene	11.48	91	6091455	478.408	ug/l #	73
68) m/p-Xylenes	11.60	106	522004	115.808	ug/l	99
69) o-Xylene	11.92	106	501394	114.247	ug/l	100
70) Styrene	11.92	104	30406	4.192	ug/l #	1
73) Isopropylbenzene	12.22	105	1740857	147.306	ug/l	99
74) N-amyl acetate	12.02	43	1965	0.342	ug/l #	74
76) 1,2,3-Trichloropropane	12.57	75	12044	3.214	ug/l #	100
77) Bromobenzene	12.46	156	1949	0.725	ug/l #	1
78) n-propylbenzene	12.57	91	1842032	133.436	ug/l	100
79) 2-Chlorotoluene	12.66	91	223701	26.700	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	1068567	110.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.22	75	21486	15.347	ug/l #	60
82) 4-Chlorotoluene	12.71	91	122281	14.376	ug/l #	44
83) tert-Butylbenzene	13.02	119	812100	98.777	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.01	105	5511660	572.356	ug/l	86

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

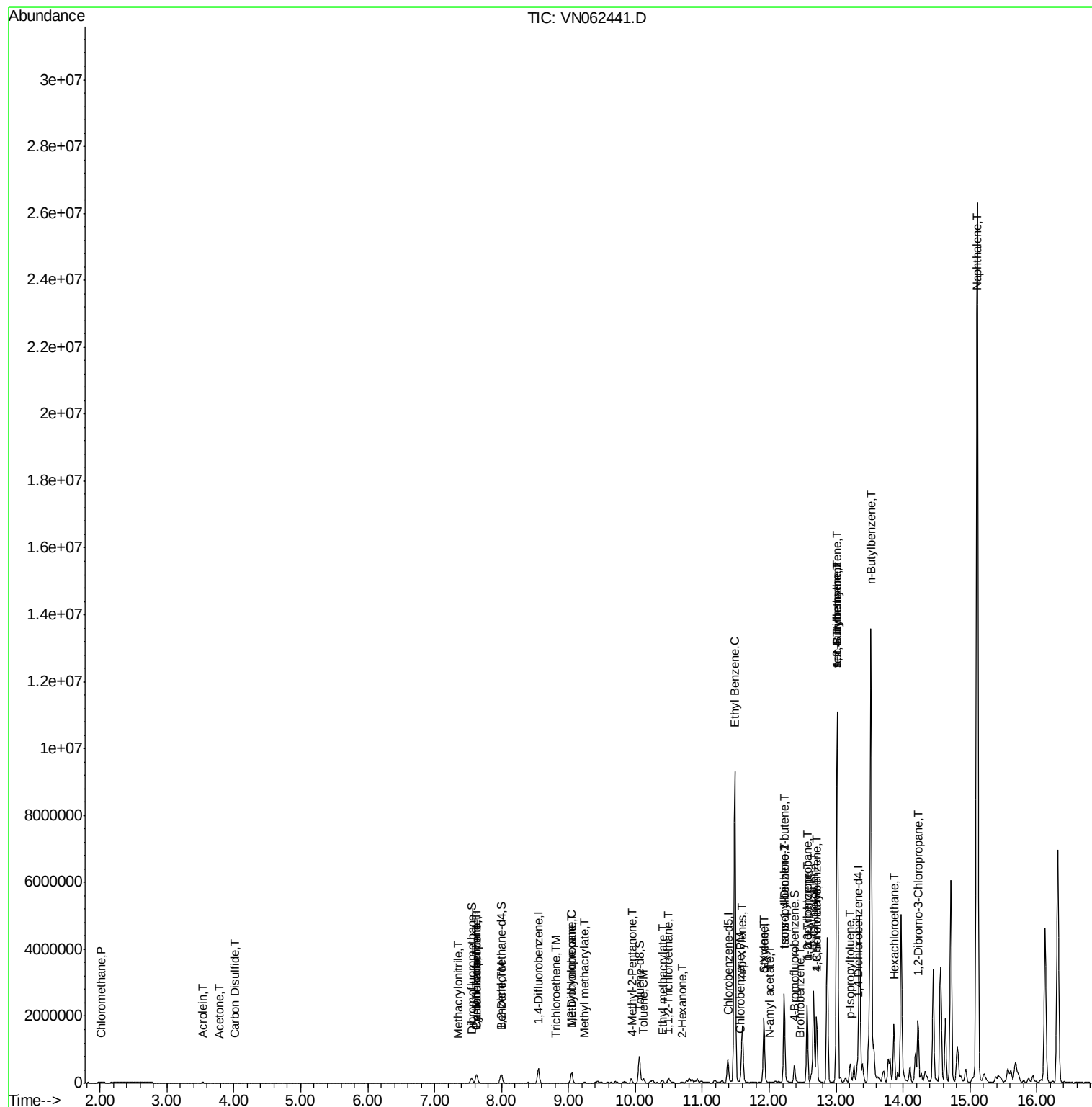
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.01	105	5511660	505.912	ug/l #	58
86) p-Isopropyltoluene	13.21	119	308829	32.844	ug/l	98
89) n-Butylbenzene	13.52	91	1572027	189.344	ug/l #	44
90) Hexachloroethane	13.86	117	126934	68.625	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	8138	11.222	ug/l #	8
95) Naphthalene	15.11	128	11668567	679.941	ug/l #	51

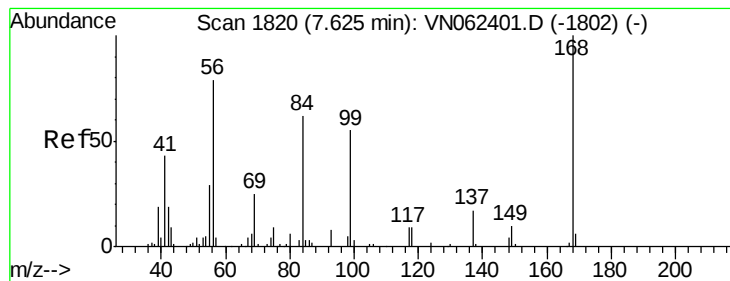
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampled :

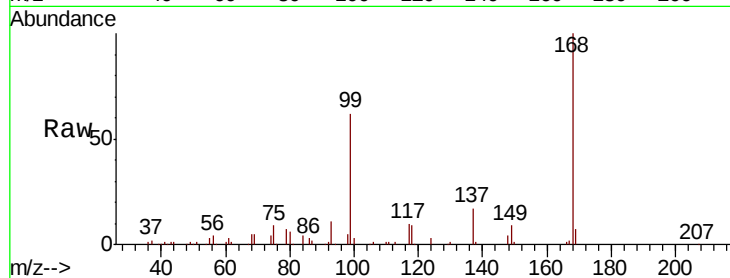
MW-12

Tot Ion:168 Resp: 197800

Ion Ratio Lower Upper

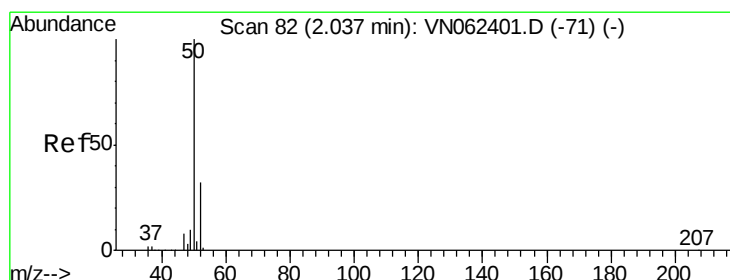
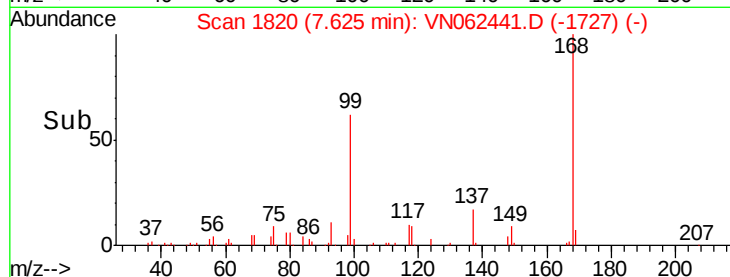
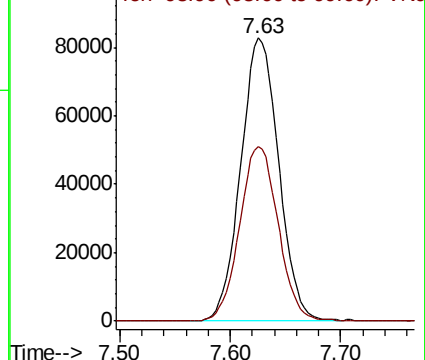
168 100

99 61.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.386 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062441.D

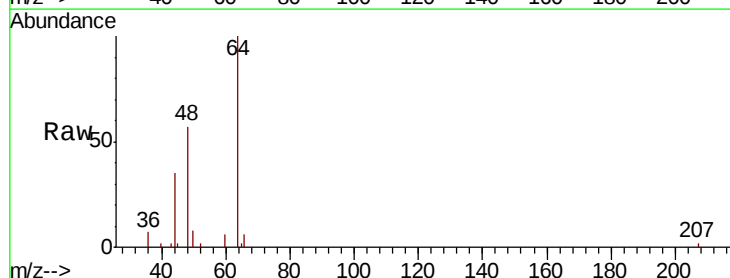
Acq: 9 Jul 2020 5:59

Tgt Ion: 50 Resp: 1249

Ion Ratio Lower Upper

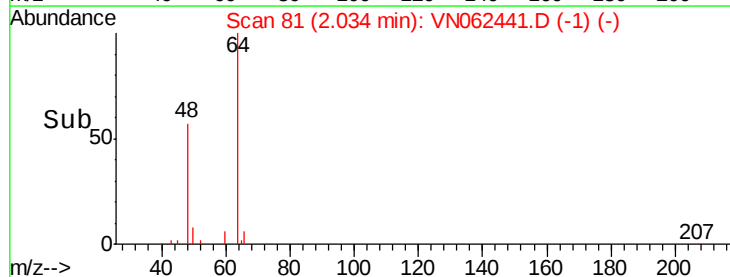
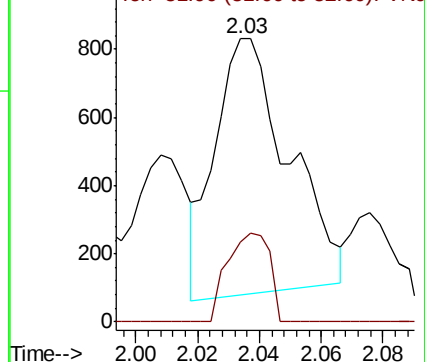
50 100

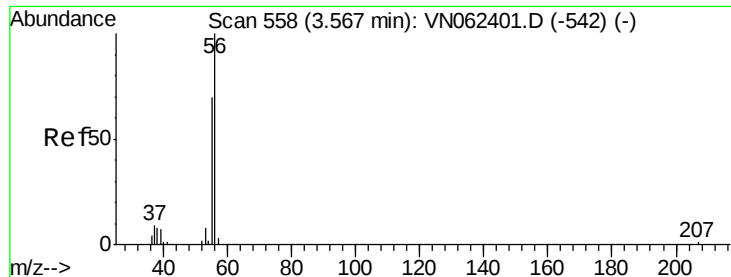
52 38.5 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#13

Acrolein

Concen: 0.643 ug/l

RT: 3.54 min Scan# 549

Delta R.T. -0.03 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampled :

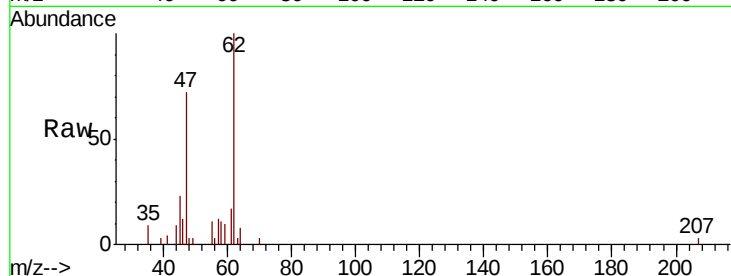
MW-12

Tot Ion: 56 Resp: 234

Ion Ratio Lower Upper

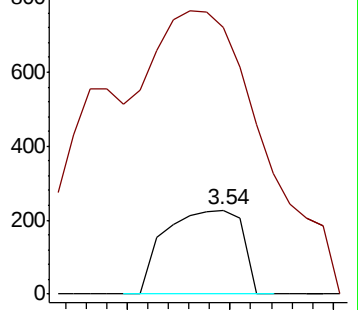
56 100

55 738.5 57.2 85.8#

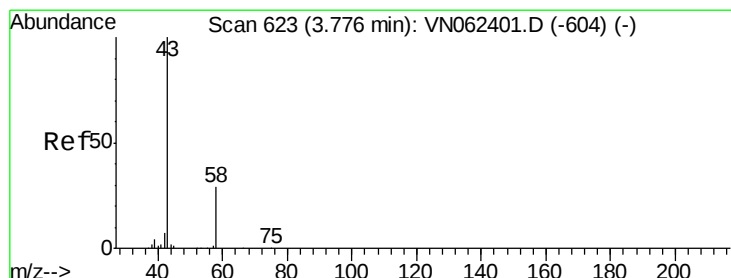
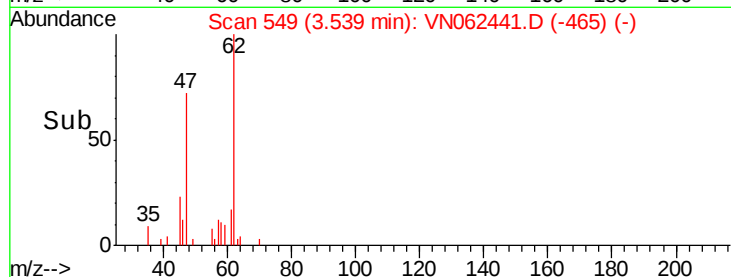


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 5.037 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062441.D

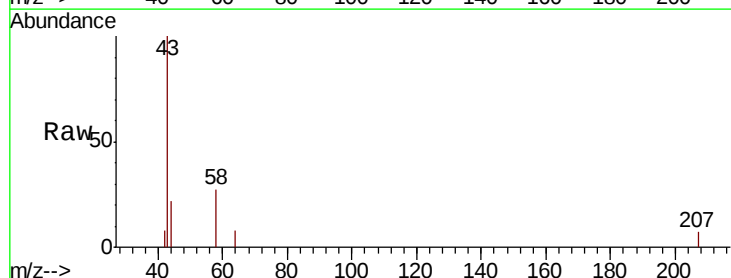
Acq: 9 Jul 2020 5:59

Tgt Ion: 43 Resp: 6506

Ion Ratio Lower Upper

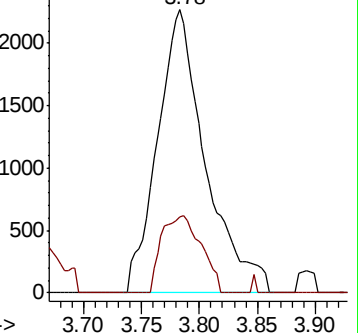
43 100

58 26.9 23.5 35.3

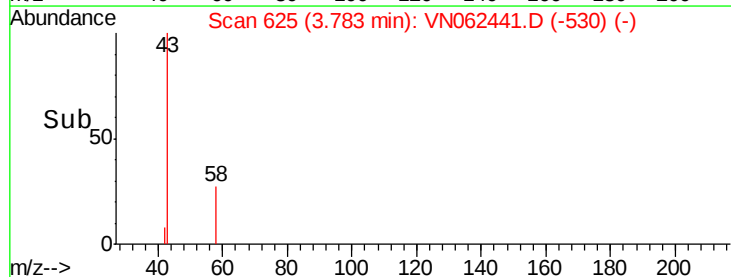


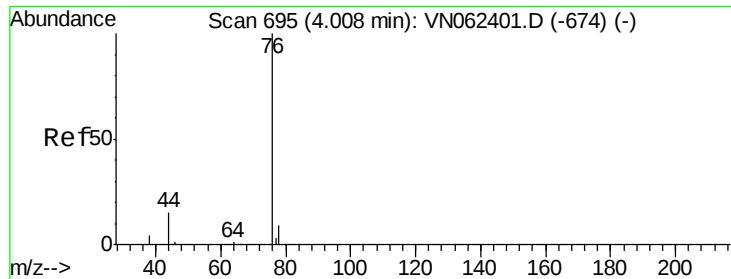
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

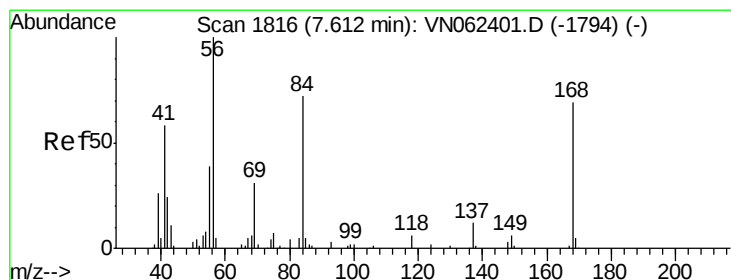
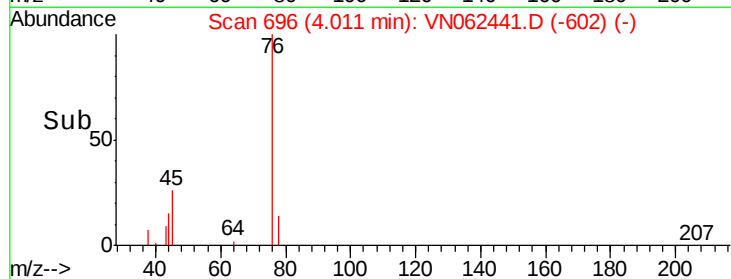
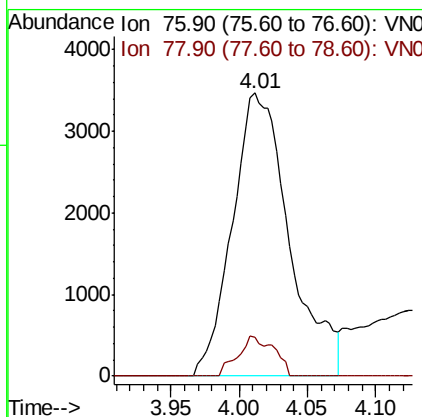
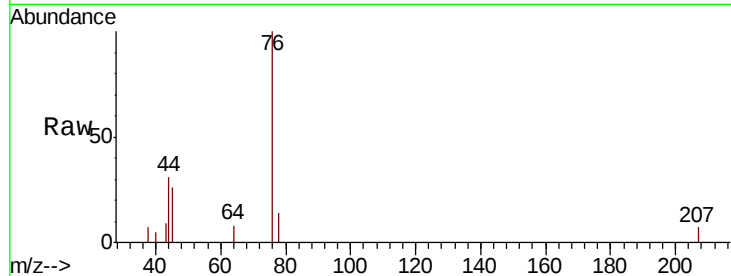




#17
Carbon Disulfide
Concen: 1.588 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

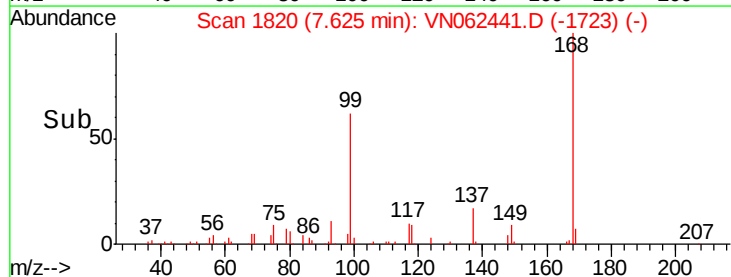
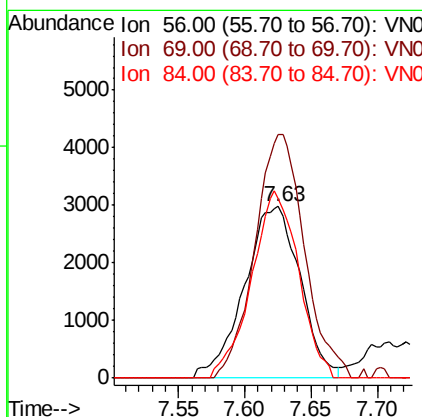
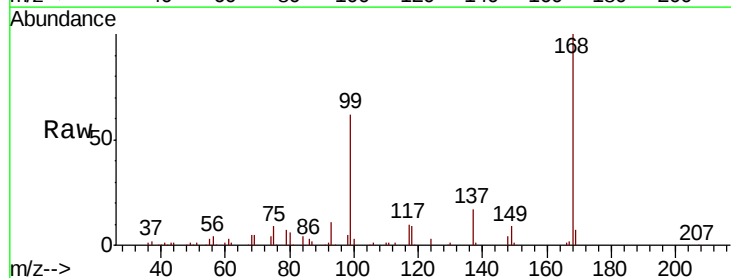
Instrument :
MSVOA_N
ClientSampleId :
MW-12

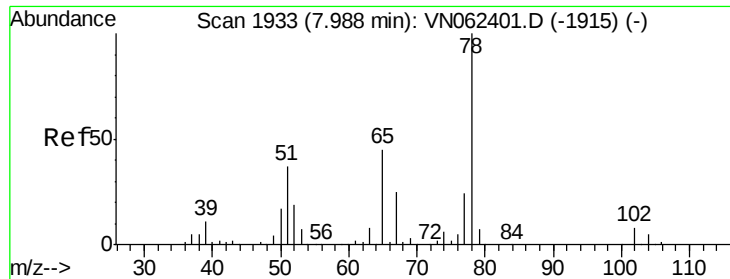
Tot Ion: 76 Resp: 10105
Ion Ratio Lower Upper
76 100
78 13.7 7.3 10.9#



#31
Cyclohexane
Concen: 1.884 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion: 56 Resp: 8705
Ion Ratio Lower Upper
56 100
69 142.1 24.5 36.7#
84 104.5 57.4 86.2#





#33

1,2-Dichloroethane-d4

Concen: 49.746 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampleId :

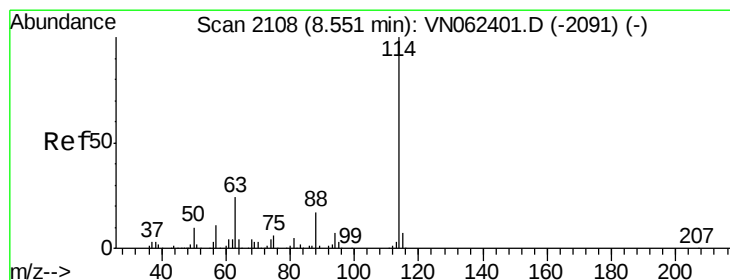
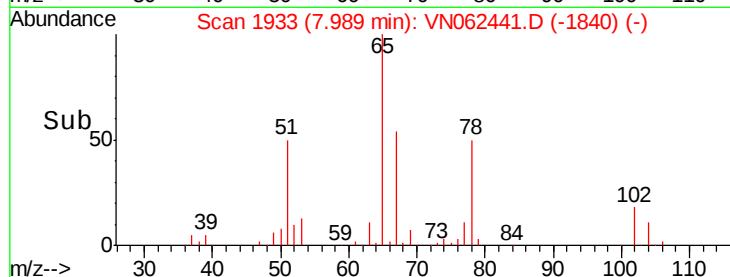
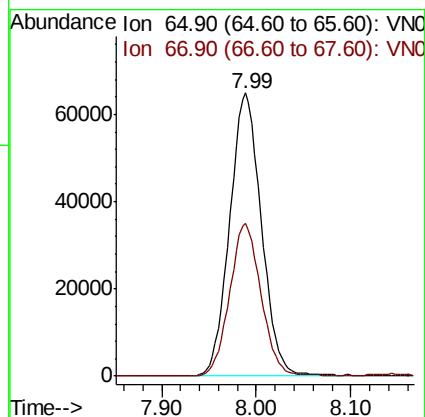
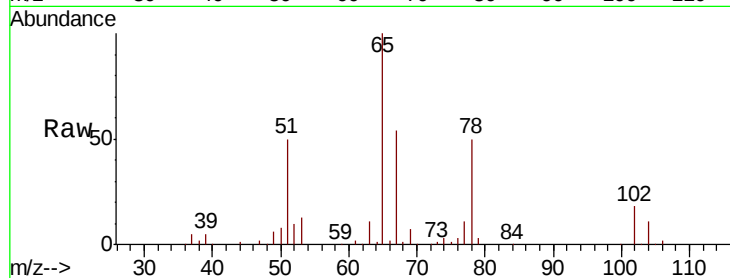
MW-12

Tot Ion: 65 Resp: 151349

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

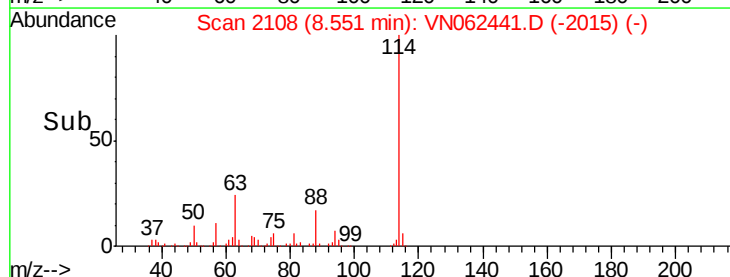
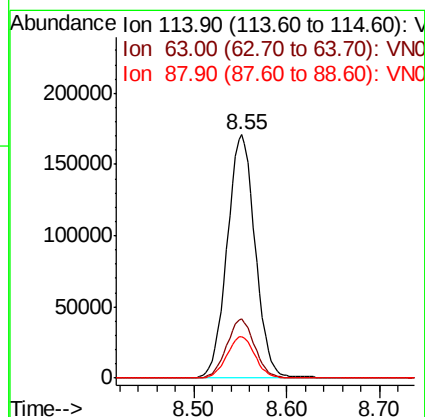
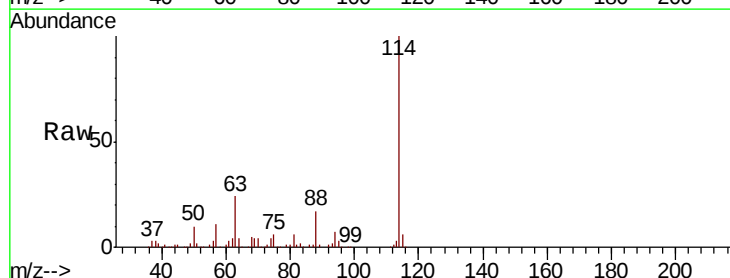
Tgt Ion: 114 Resp: 358324

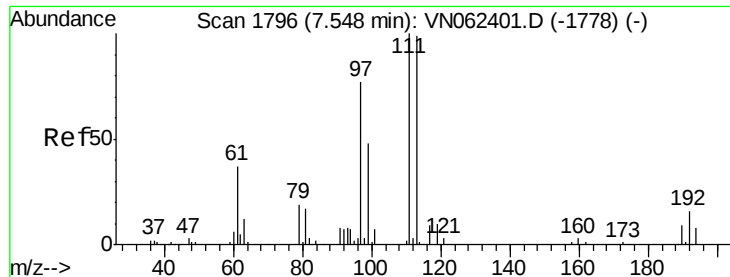
Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.4

88 17.2 0.0 33.8

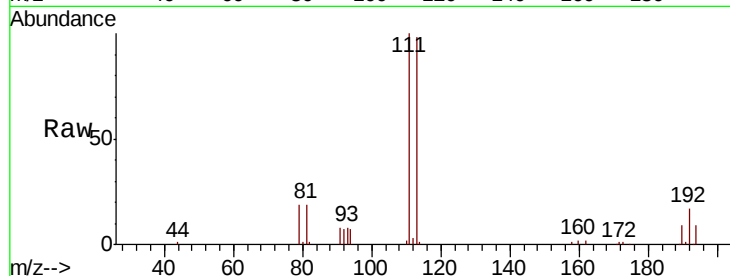




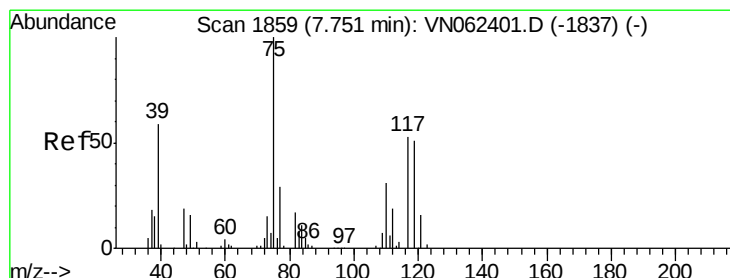
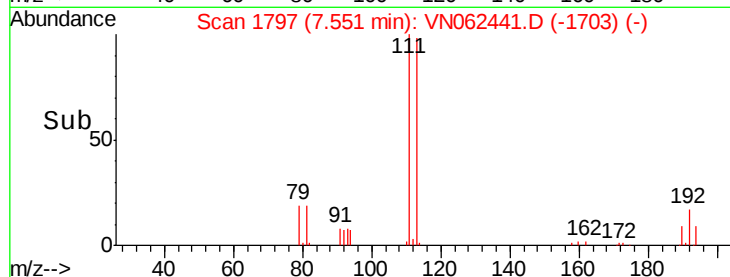
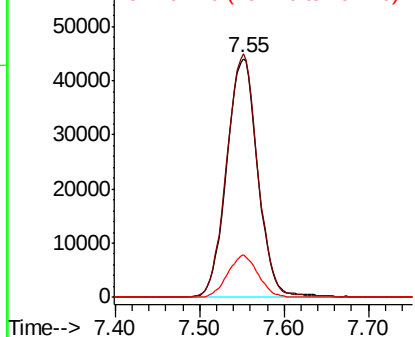
#35
 Dibromofluoromethane
 Concen: 51.115 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.1	124.7
192	17.2	14.1	21.1

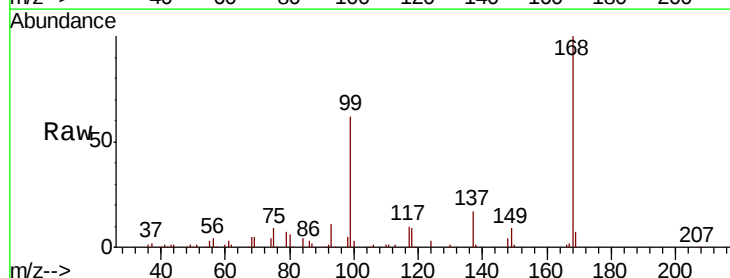


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

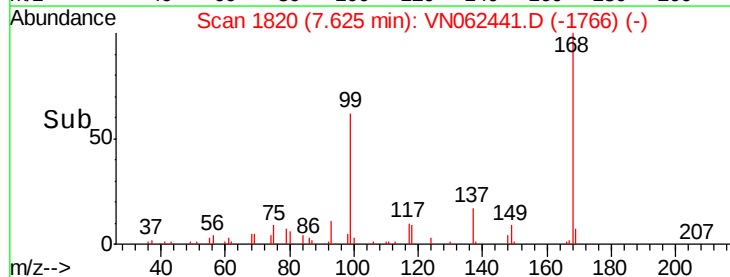
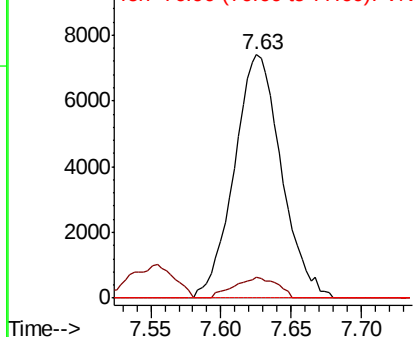


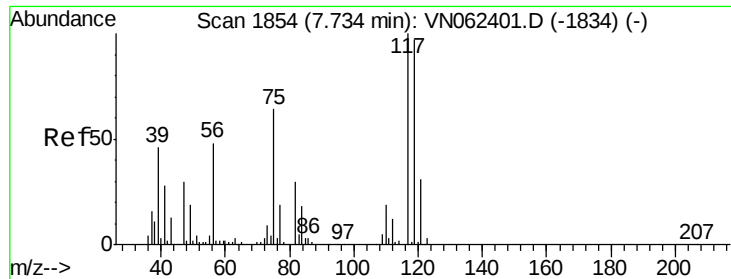
#36
 1,1-Dichloropropene
 Concen: 4.806 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.4	46.2#
77	0.0	24.1	36.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

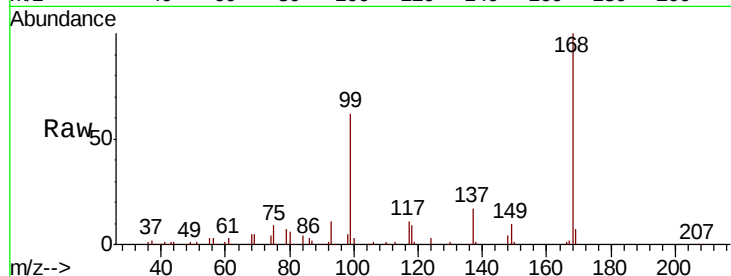




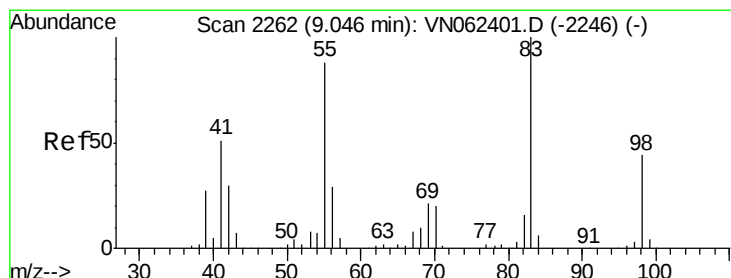
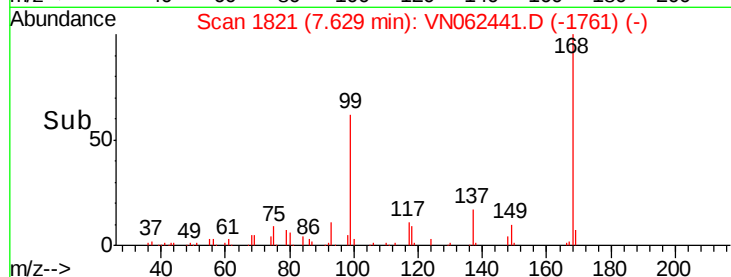
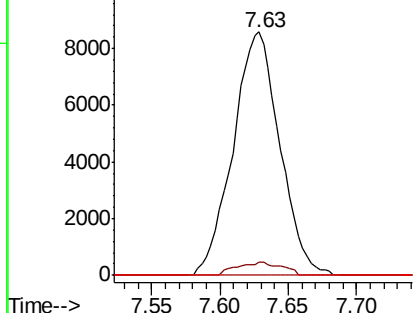
#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion:117 Resp: 20393
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.8 37.2#

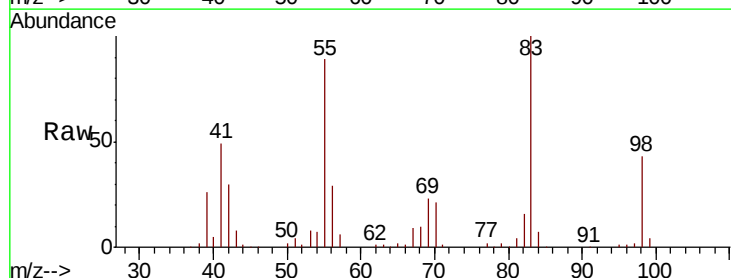


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

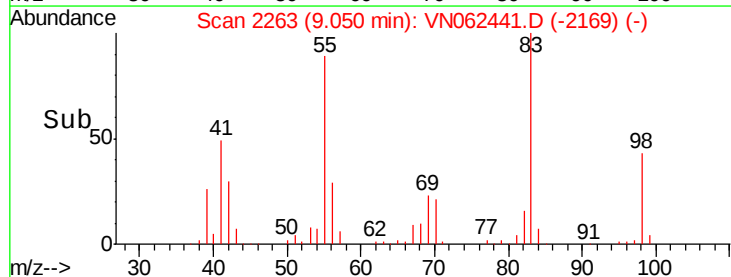
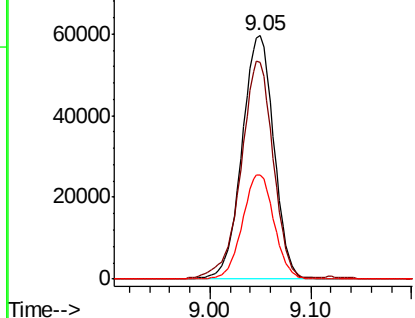


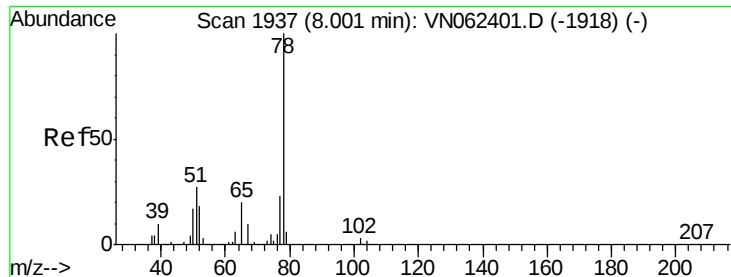
#39
Methylcyclohexane
Concen: 33.779 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion: 83 Resp: 130187
Ion Ratio Lower Upper
83 100
55 88.3 70.5 105.7
98 42.8 35.5 53.3



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 11.127 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampled :

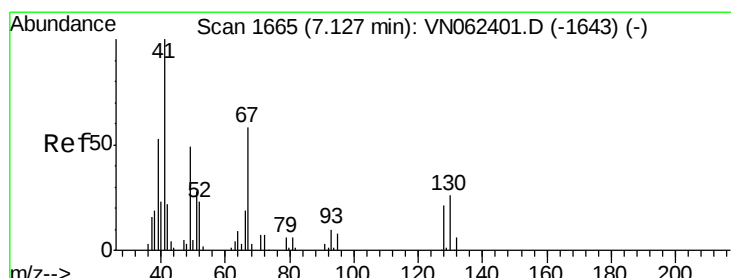
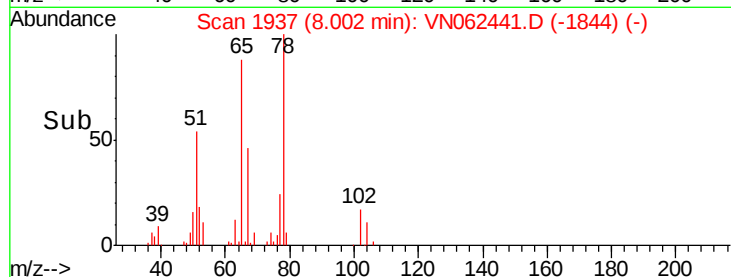
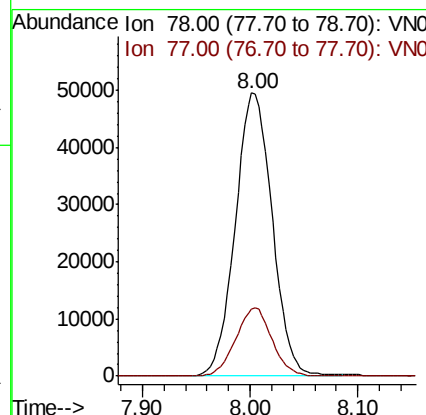
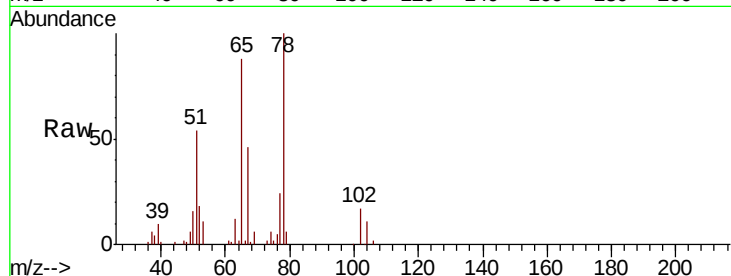
MW-12

Tot Ion: 78 Resp: 118387

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1



#41

Methacrylonitrile

Concen: 0.621 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.22 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Tgt Ion: 41 Resp: 1095

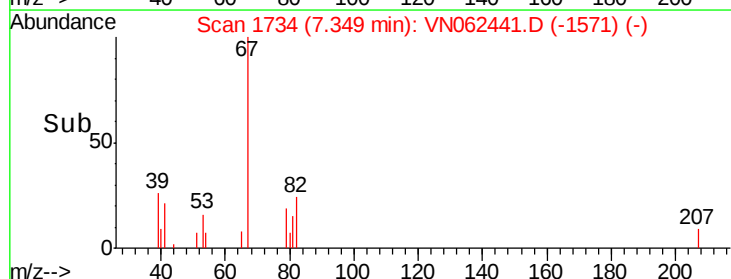
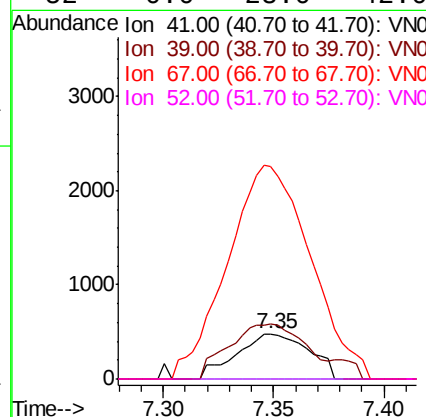
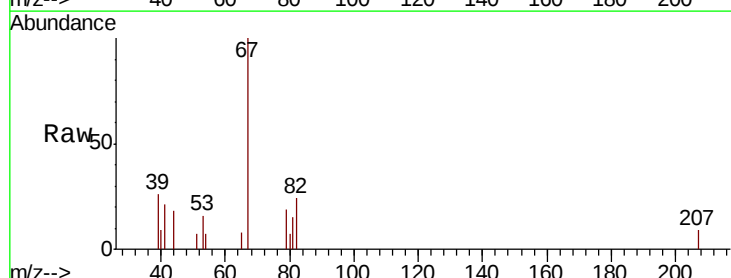
Ion Ratio Lower Upper

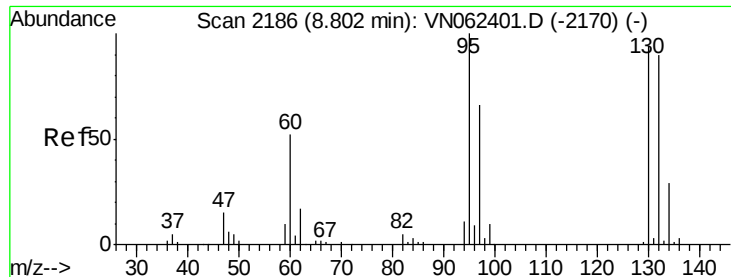
41 100

39 141.5 50.2 75.2#

67 541.5 64.2 96.2#

52 0.0 28.0 42.0#





#44

Trichloroethene

Concen: 0.410 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampled :

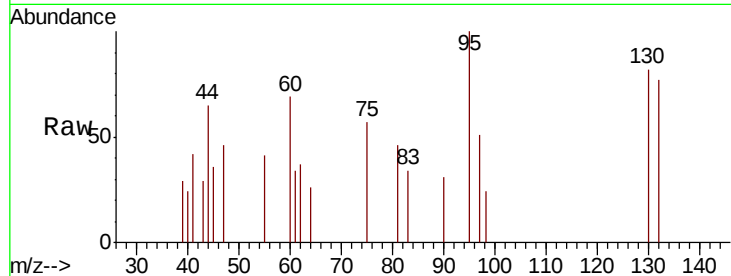
MW-12

Tot Ion:130 Resp: 967

Ion Ratio Lower Upper

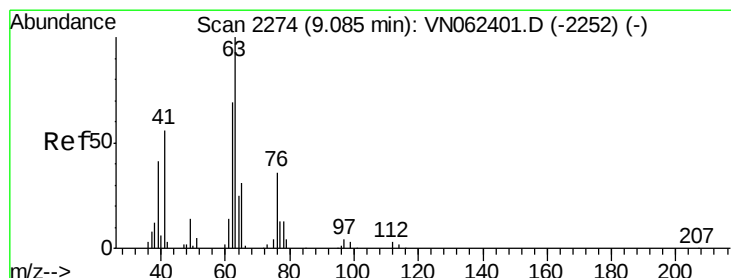
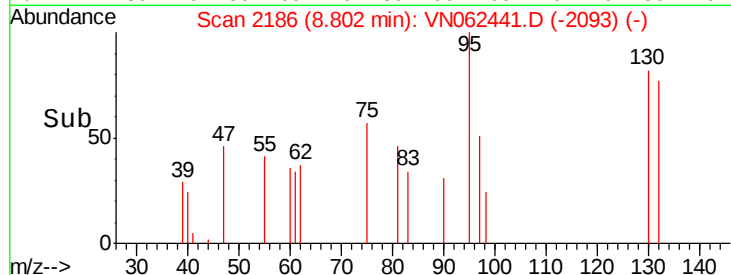
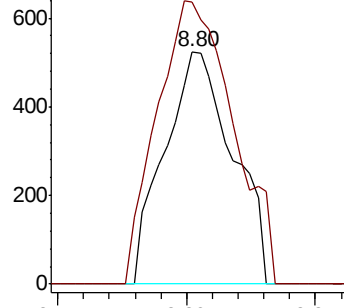
130 100

95 121.3 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.372 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.04 min

Lab File: VN062441.D

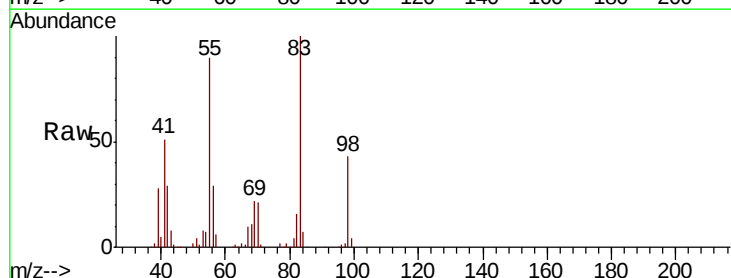
Acq: 9 Jul 2020 5:59

Tgt Ion: 63 Resp: 1150

Ion Ratio Lower Upper

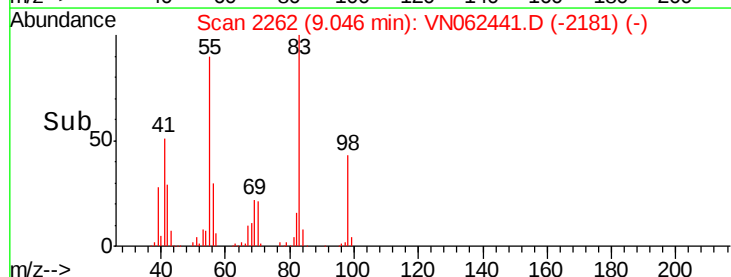
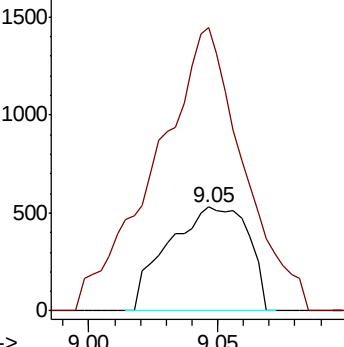
63 100

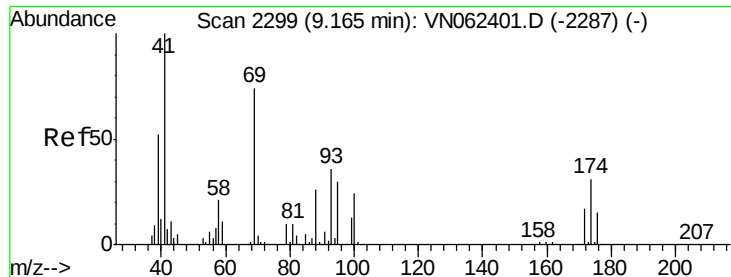
65 217.7 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

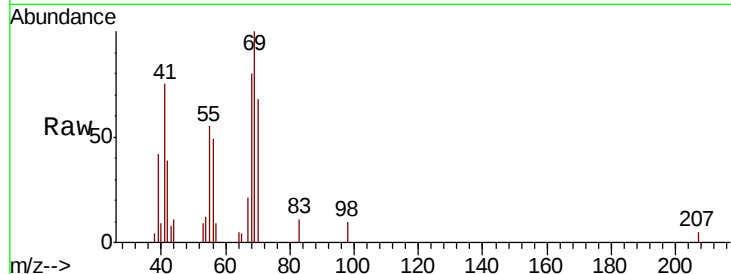




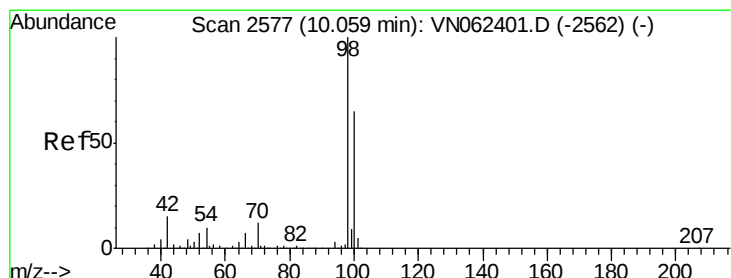
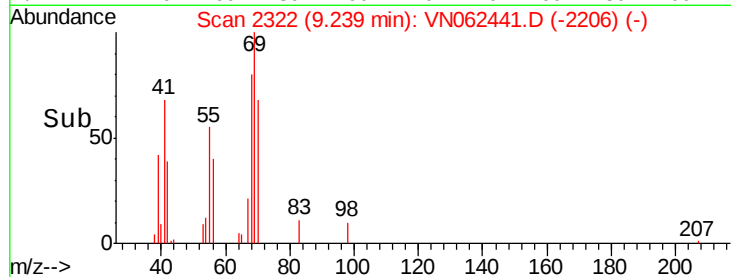
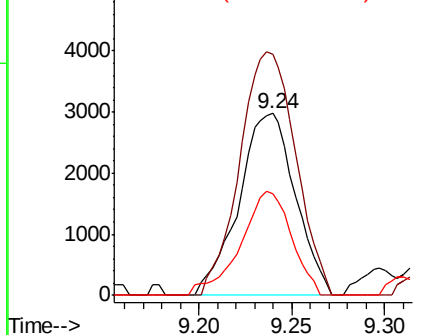
#48
Methvl methacrylate
Concen: 1.935 ug/l
RT: 9.24 min Scan# 2322
Delta R.T. 0.07 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Instrument :
MSVOA_N
ClientSampled :
MW-12

Tot Ion: 41 Resp: 6329
Ion Ratio Lower Upper
41 100
69 132.6 60.8 91.2#
39 51.4 43.5 65.3

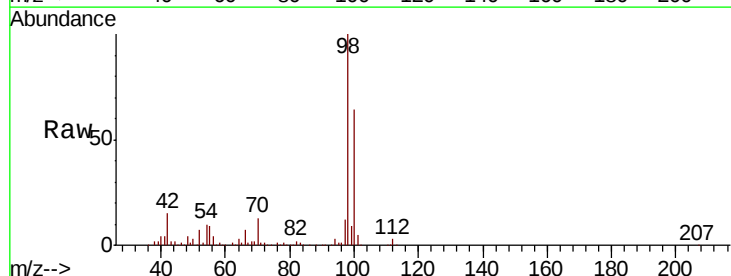


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

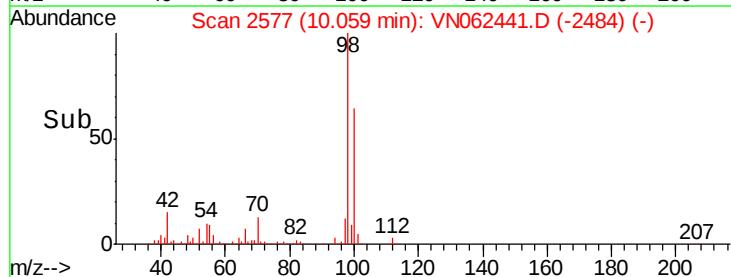
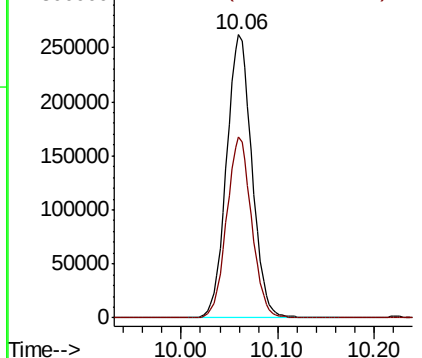


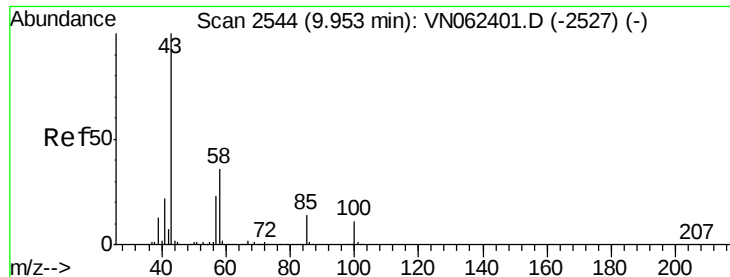
#50
Toluene-d8
Concen: 54.570 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion: 98 Resp: 477155
Ion Ratio Lower Upper
98 100
100 62.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.202 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampled :

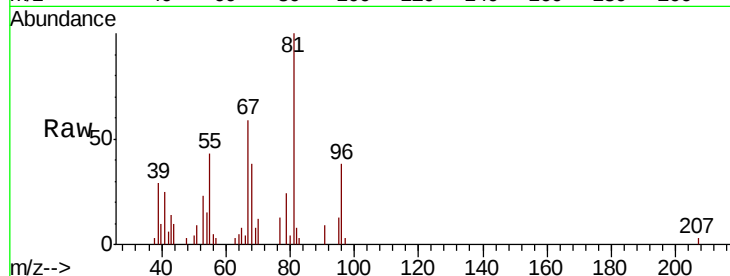
MW-12

Tot Ion: 43 Resp: 803

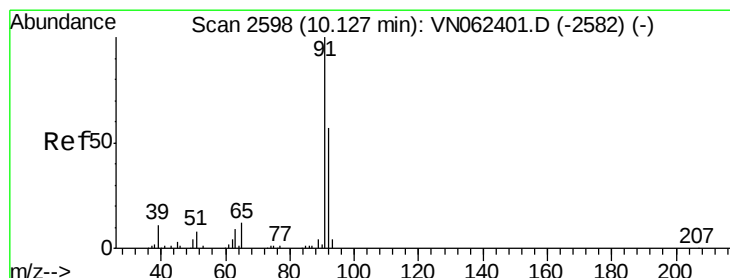
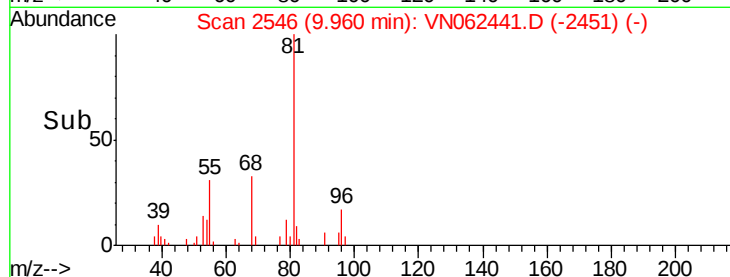
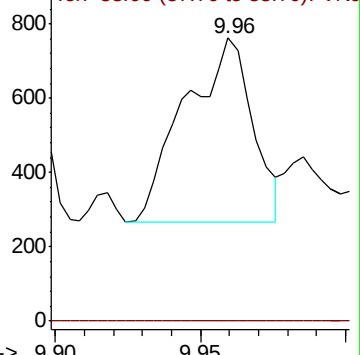
Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)



#52

Toluene

Concen: 7.318 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062441.D

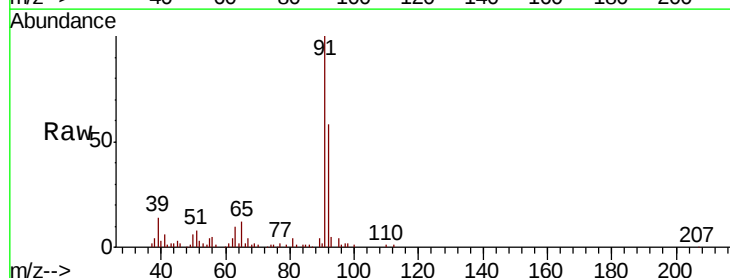
Acq: 9 Jul 2020 5:59

Tgt Ion: 92 Resp: 44975

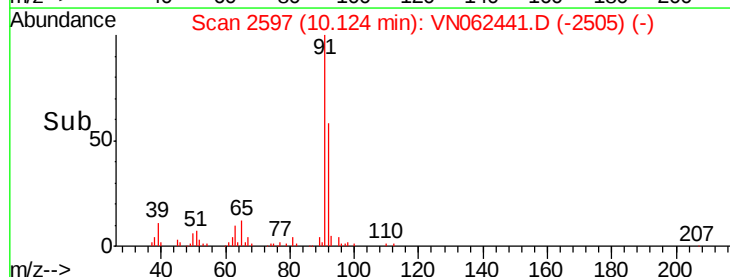
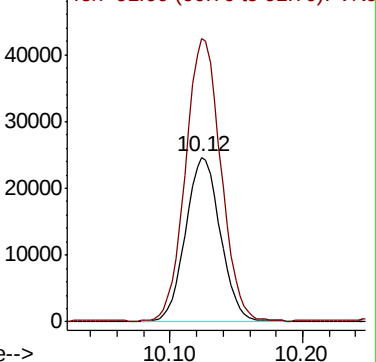
Ion Ratio Lower Upper

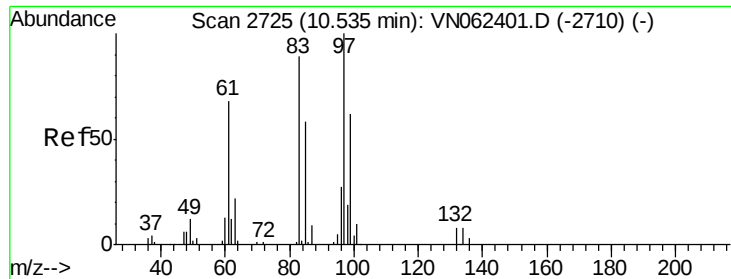
92 100

91 173.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)

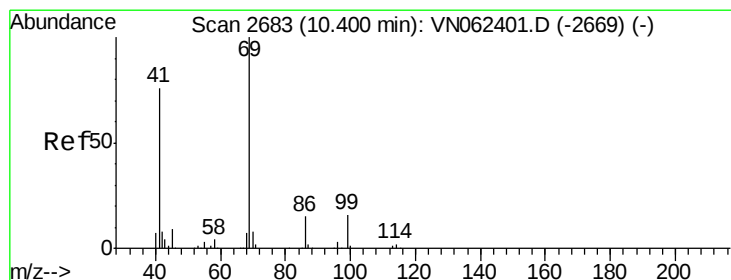
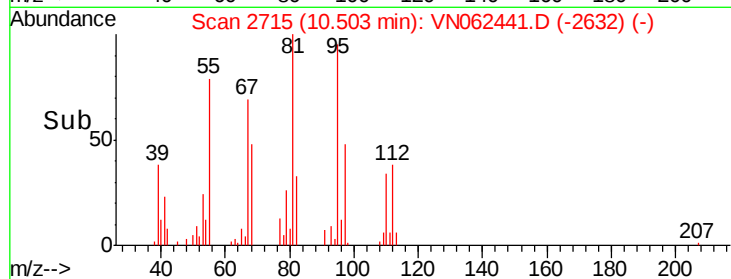
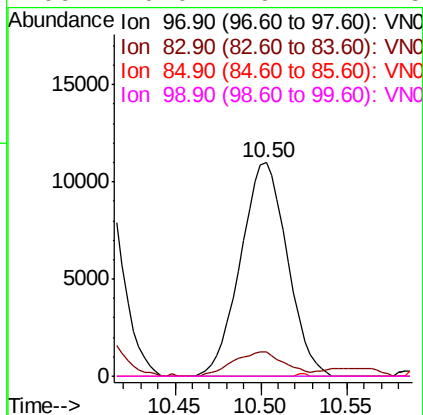
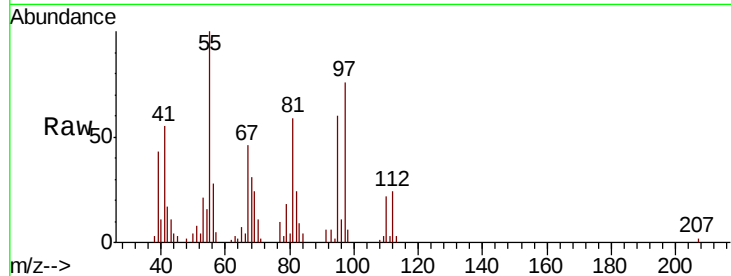




#55
 1,1,2-Trichloroethane
 Concen: 8.585 ug/l
 RT: 10.50 min Scan# 2715
 Delta R.T. -0.03 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

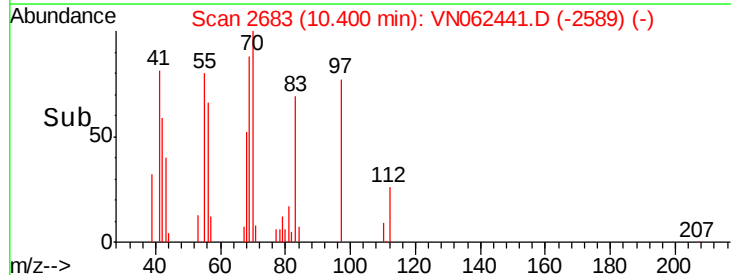
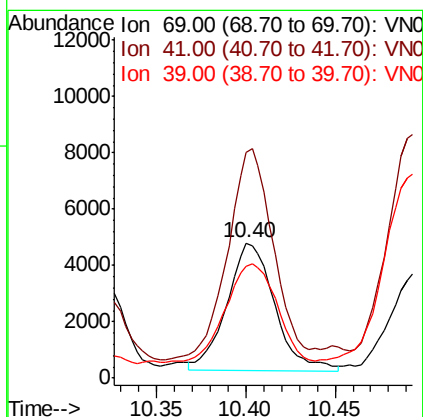
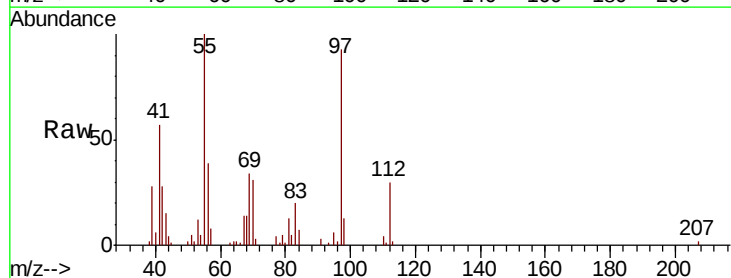
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

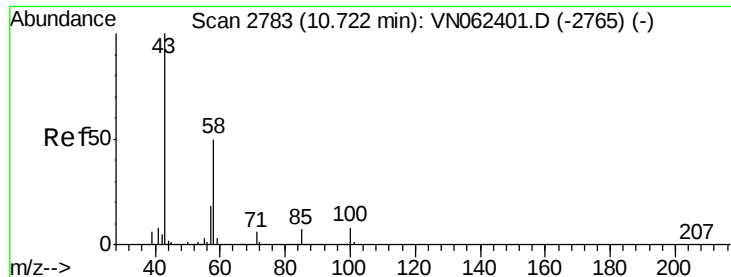
Tot Ion: 97 Resp: 20751
 Ion Ratio Lower Upper
 97 100
 83 11.4 71.0 106.4#
 85 0.0 46.2 69.4#
 99 0.0 49.7 74.5#



#56
 Ethyl methacrylate
 Concen: 3.539 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

Tgt Ion: 69 Resp: 8418
 Ion Ratio Lower Upper
 69 100
 41 153.1 59.7 89.5#
 39 79.1 30.6 45.8#





#59

2-Hexanone

Concen: 1.373 ug/l

RT: 10.69 min Scan# 2773

Delta R.T. -0.03 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampleId :

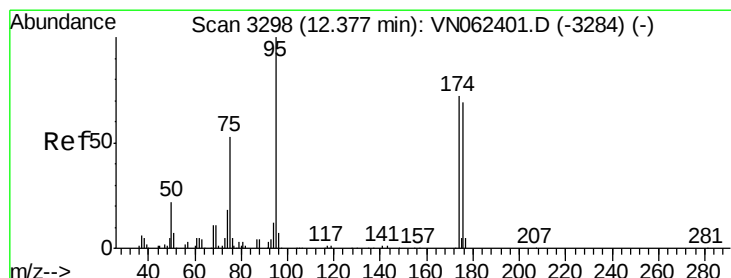
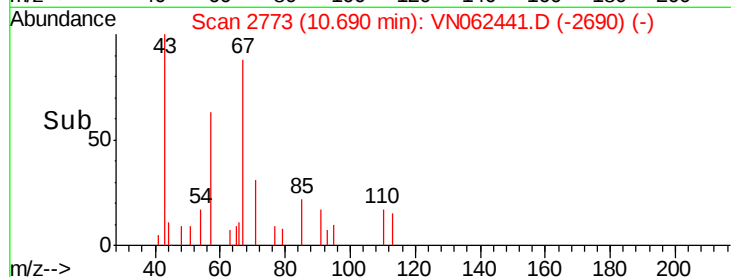
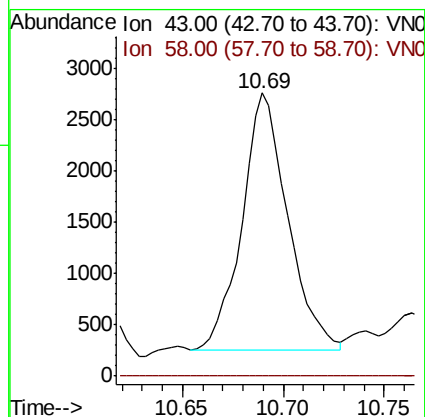
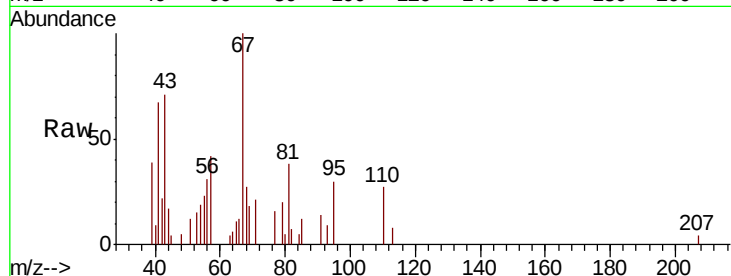
MW-12

Tot Ion: 43 Resp: 3971

Ion Ratio Lower Upper

43 100

58 0.0 25.1 75.2#



#62

4-Bromofluorobenzene

Concen: 56.674 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

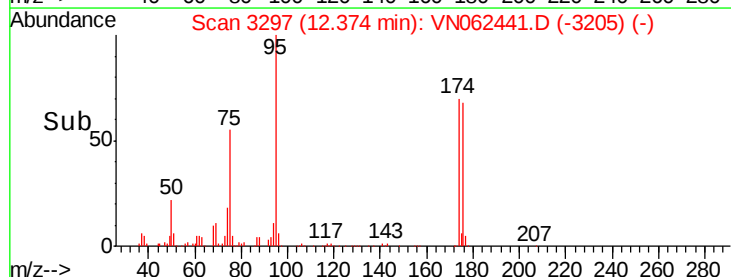
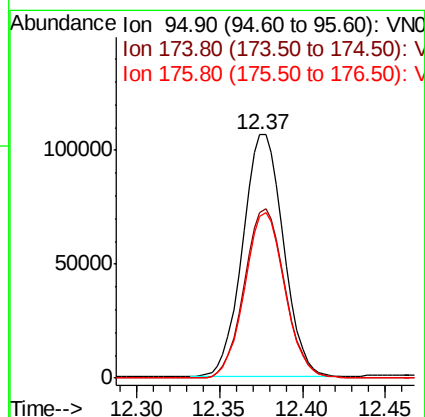
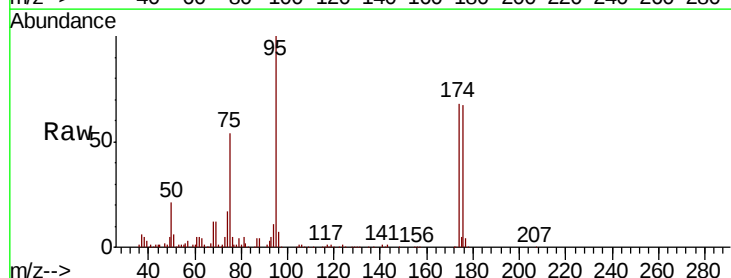
Tgt Ion: 95 Resp: 181090

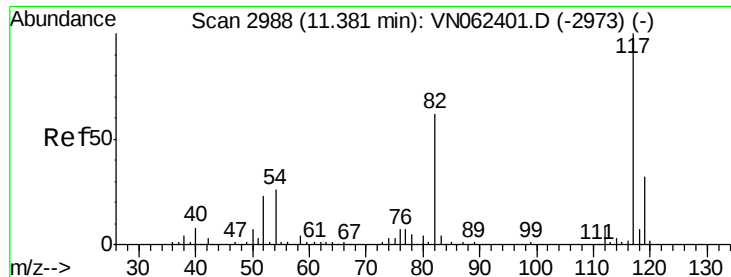
Ion Ratio Lower Upper

95 100

174 70.2 0.0 141.6

176 68.0 0.0 137.2

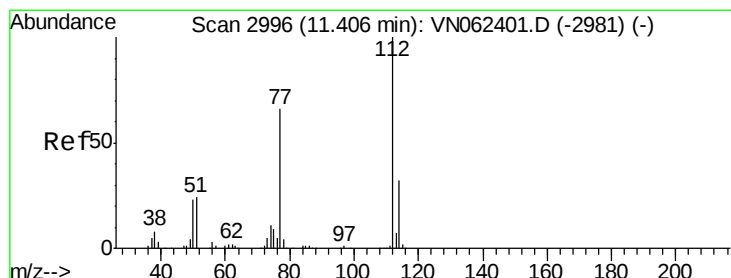
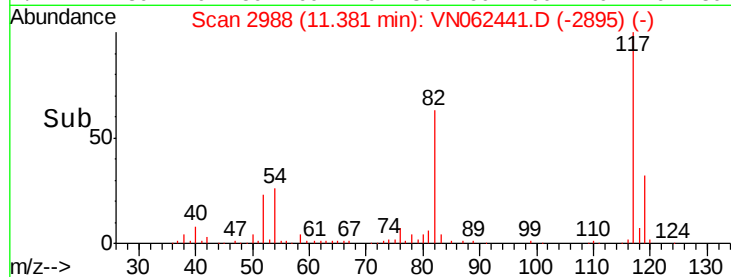
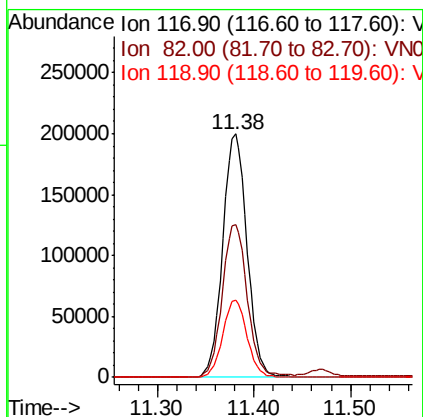
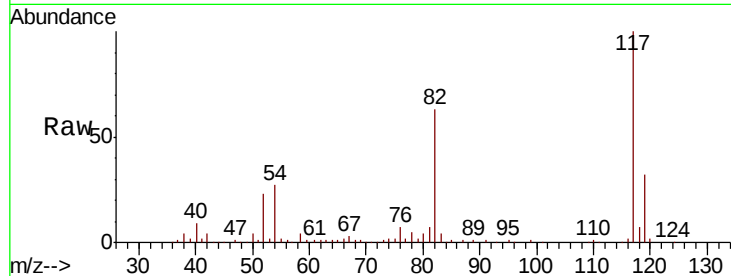




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

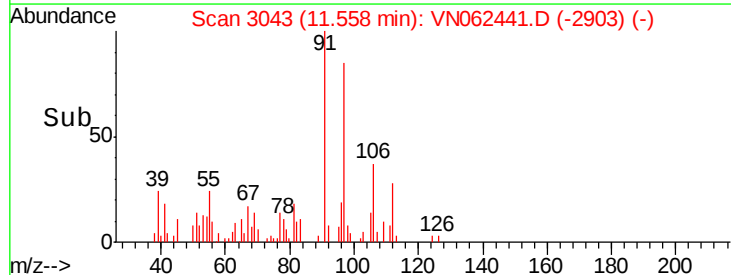
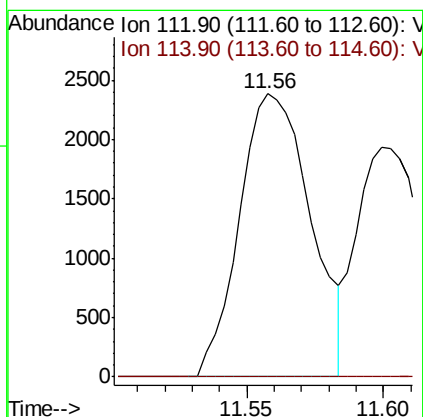
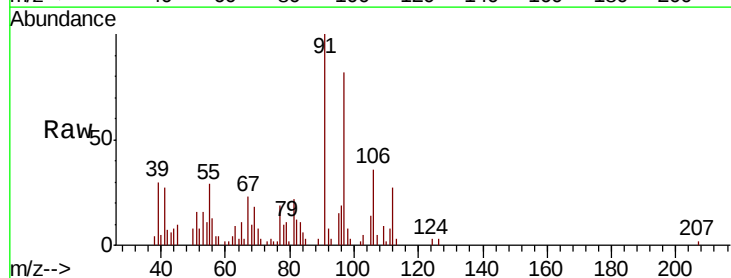
Instrument :
MSVOA_N
ClientSampleId :
MW-12

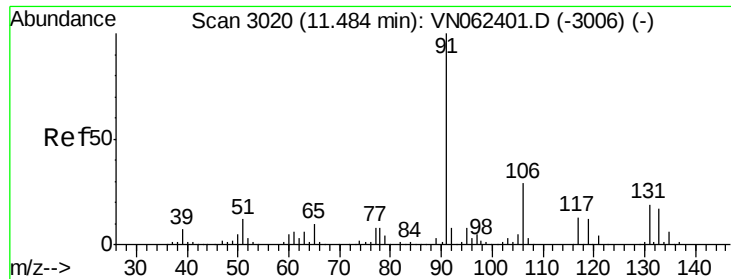
Tot Ion:117 Resp: 349019
Ion Ratio Lower Upper
117 100
82 62.9 49.6 74.4
119 31.9 25.4 38.0



#65
Chlorobenzene
Concen: 0.637 ug/l
RT: 11.56 min Scan# 3043
Delta R.T. 0.15 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion:112 Resp: 4318
Ion Ratio Lower Upper
112 100
114 0.0 25.9 38.9#

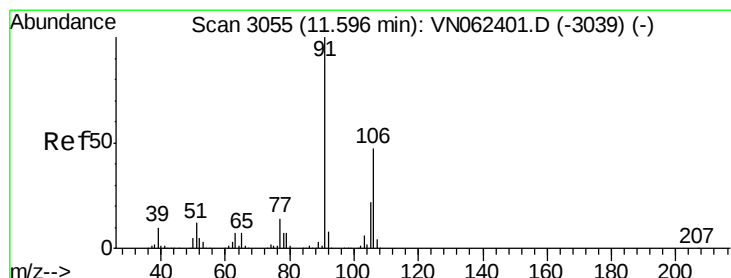
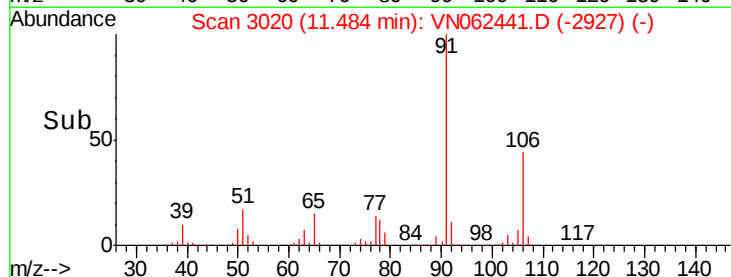
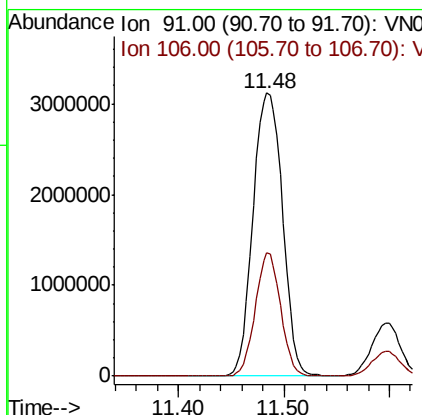
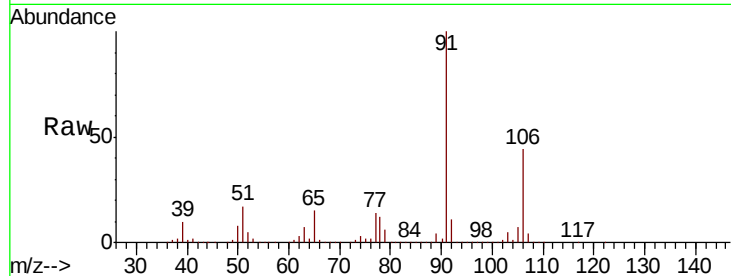




#67
Ethyl Benzene
Concen: 478.408 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

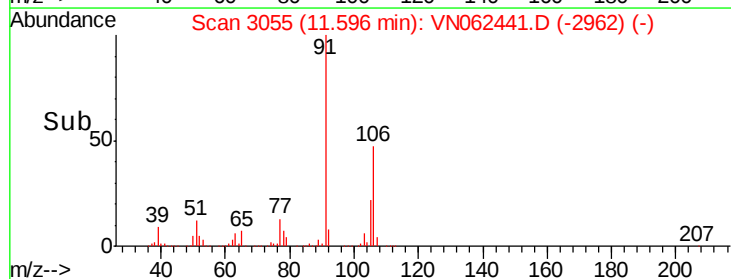
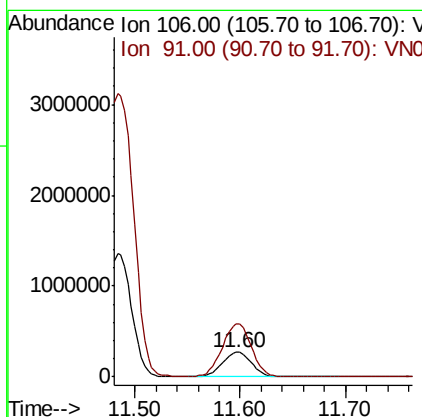
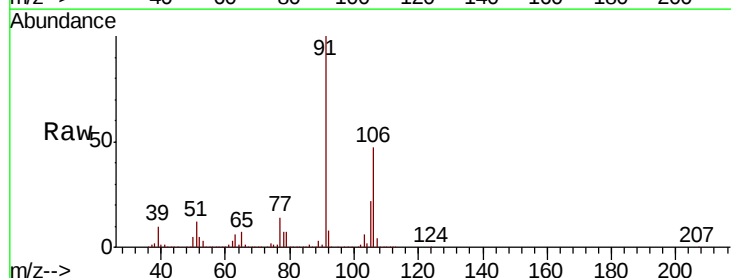
Instrument :
MSVOA_N
ClientSampleId :
MW-12

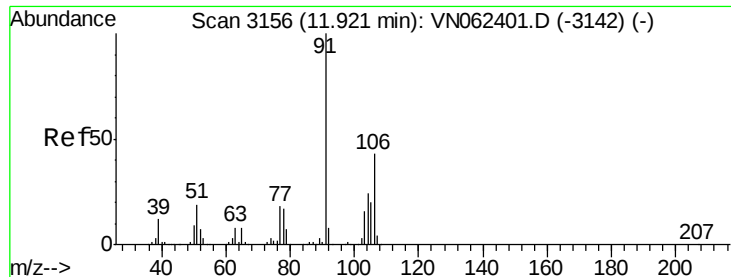
Tot Ion: 91 Resp: 6091455
Ion Ratio Lower Upper
91 100
106 43.7 23.4 35.2#



#68
m/p-Xylenes
Concen: 115.808 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion: 106 Resp: 522004
Ion Ratio Lower Upper
106 100
91 214.5 172.4 258.6

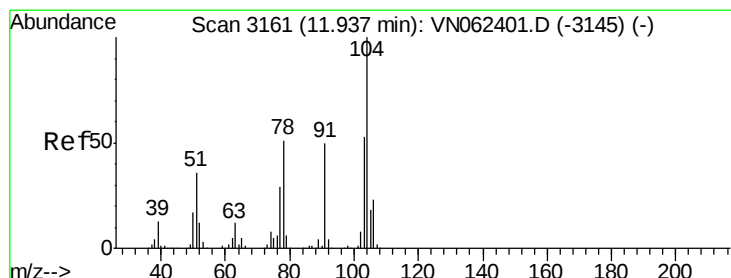
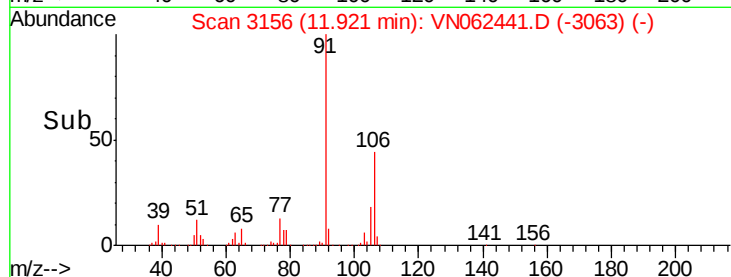
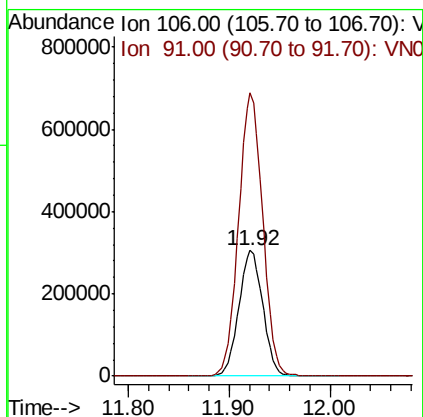
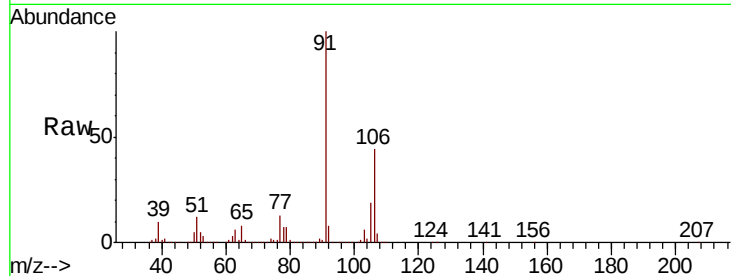




#69
o-Xylene
Concen: 114.247 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

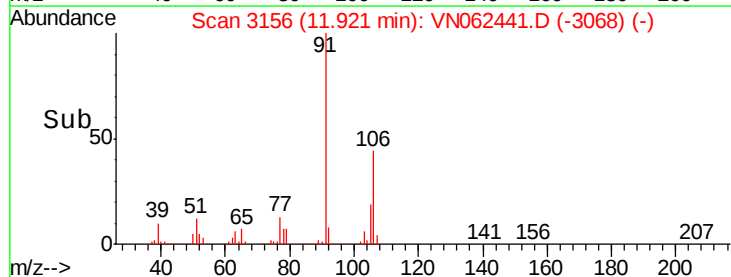
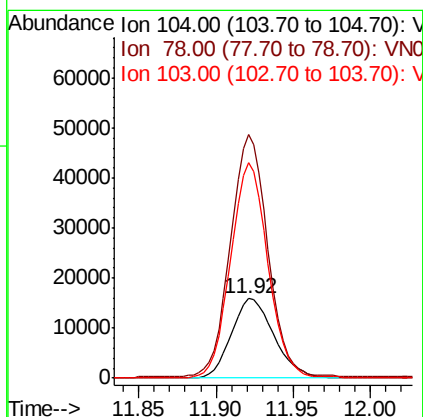
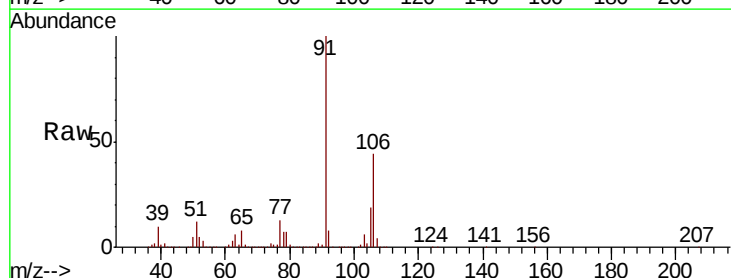
Instrument :
MSVOA_N
ClientSampled :
MW-12

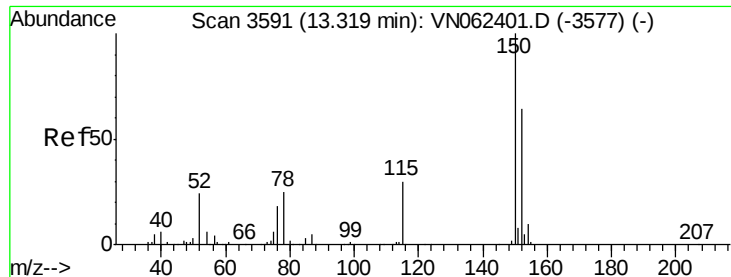
Tot Ion:106 Resp: 501394
Ion Ratio Lower Upper
106 100
91 227.3 113.8 341.4



#70
Styrene
Concen: 4.192 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion:104 Resp: 30406
Ion Ratio Lower Upper
104 100
78 264.8 44.2 66.4#
103 237.4 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampleId :

MW-12

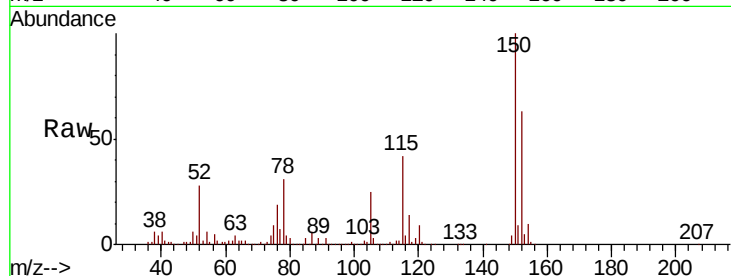
Tot Ion:152 Resp: 152722

Ion Ratio Lower Upper

152 100

115 56.0 31.4 94.2

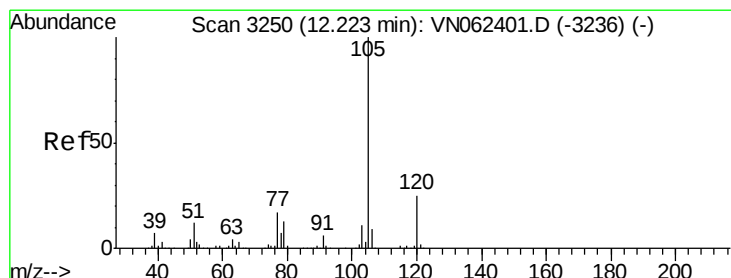
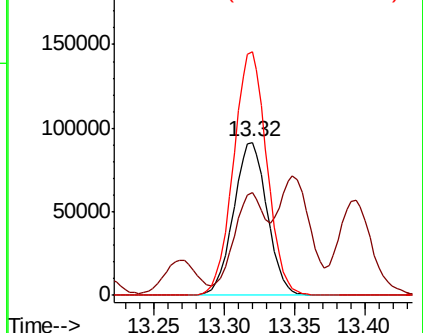
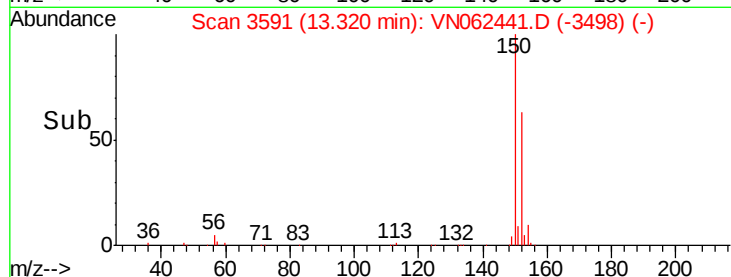
150 158.6 0.0 347.4



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: 147.306 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062441.D

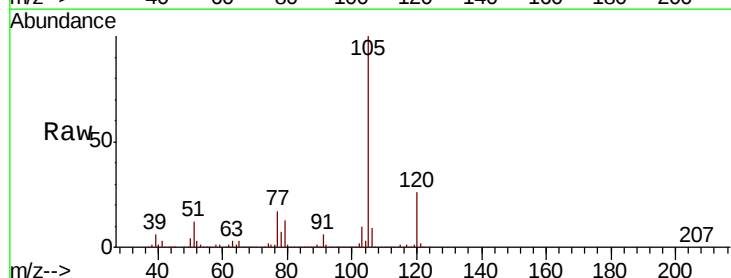
Acq: 9 Jul 2020 5:59

Tgt Ion:105 Resp: 1740857

Ion Ratio Lower Upper

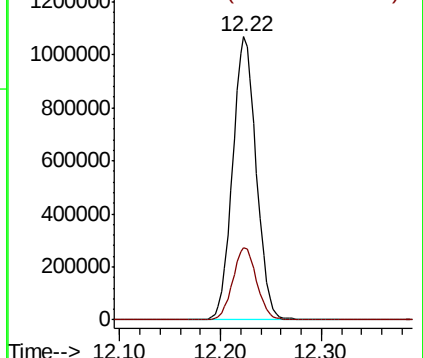
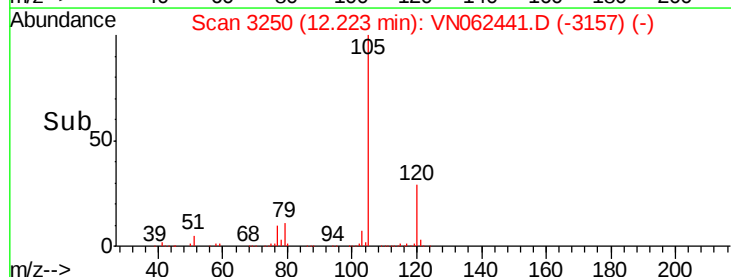
105 100

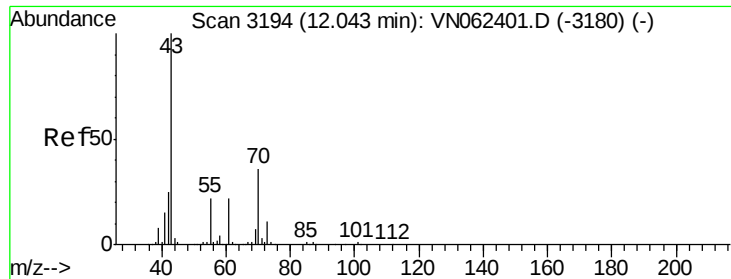
120 25.8 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

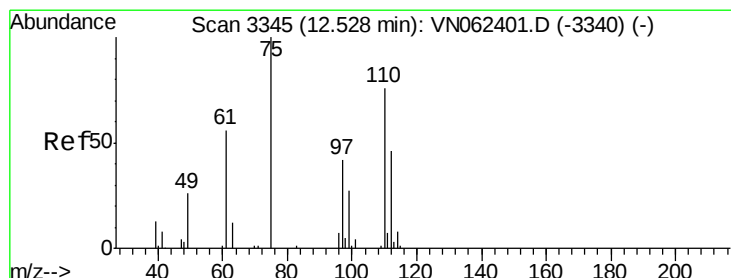
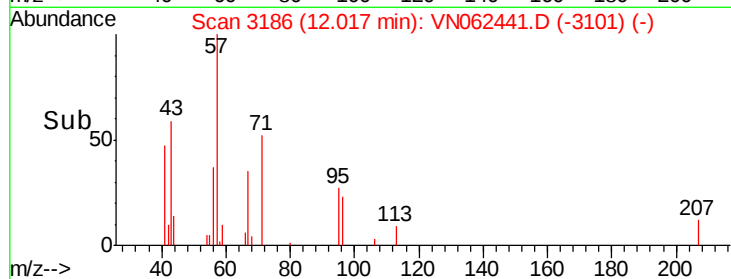
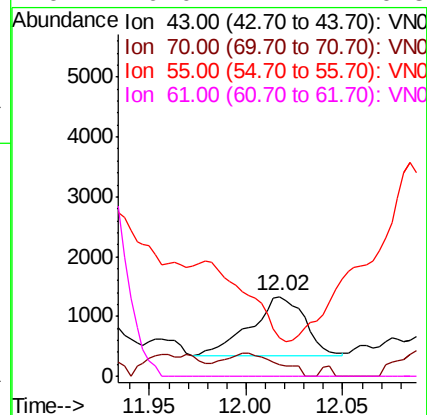
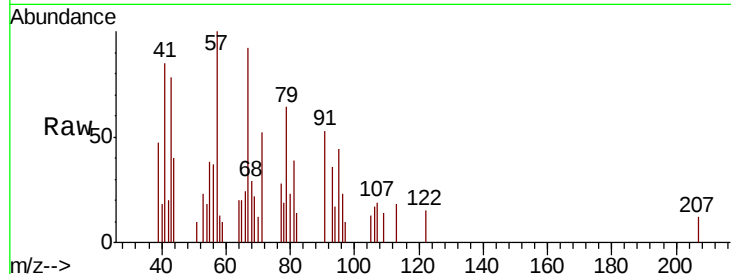




#74
N-amvl acetate
Concen: 0.342 ug/l
RT: 12.02 min Scan# 3186
Delta R.T. -0.03 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

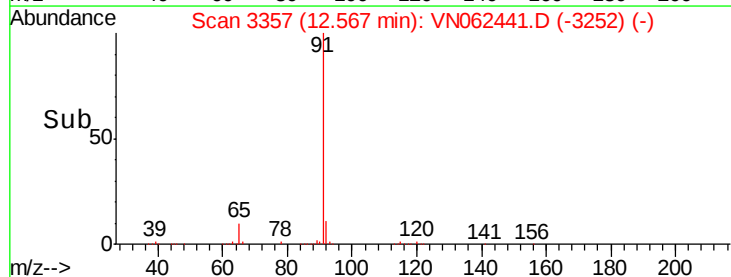
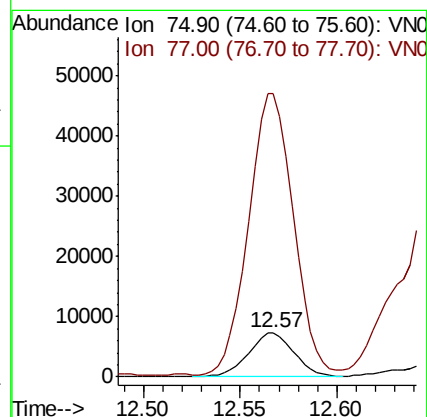
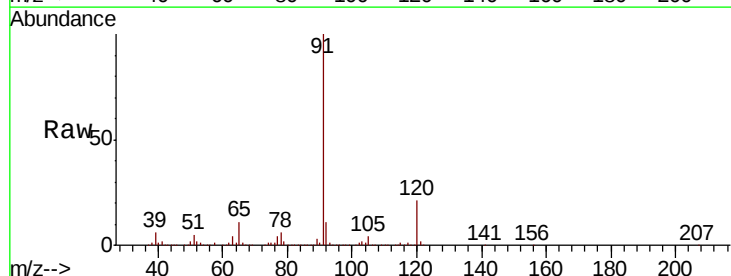
Instrument :
MSVOA_N
ClientSampled :
MW-12

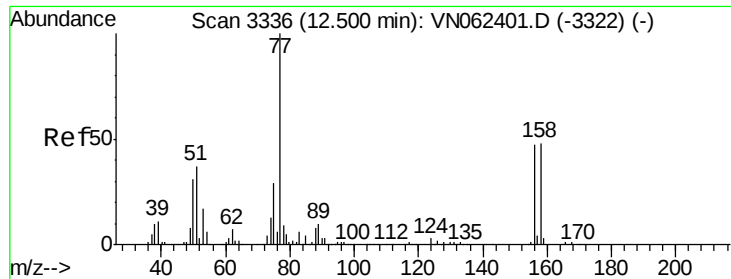
Tot Ion: 43 Resp: 1965
Ion Ratio Lower Upper
43 100
70 37.8 30.0 45.0
55 0.0 18.2 27.4#
61 0.0 17.7 26.5#



#76
1,2,3-Trichloropropane
Concen: 3.214 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.04 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion: 75 Resp: 12044
Ion Ratio Lower Upper
75 100
77 624.6 0.0 0.0#





#77

Bromobenzene

Concen: 0.725 ug/l

RT: 12.46 min Scan# 3324

Delta R.T. -0.04 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampled :

MW-12

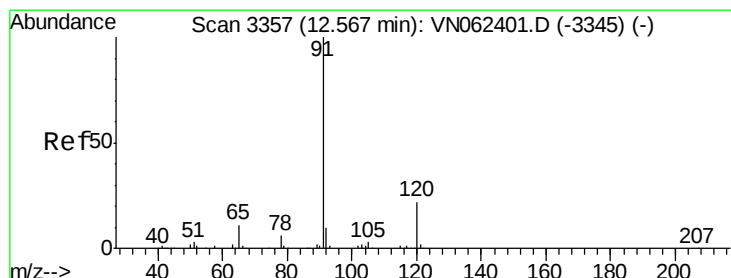
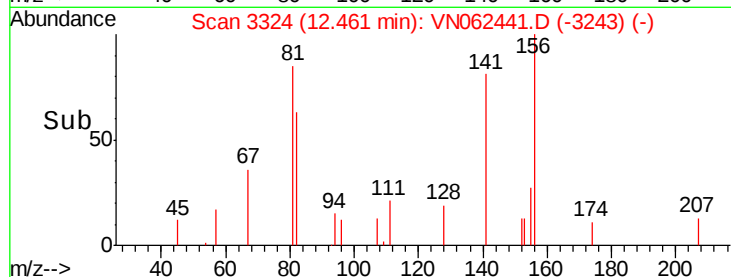
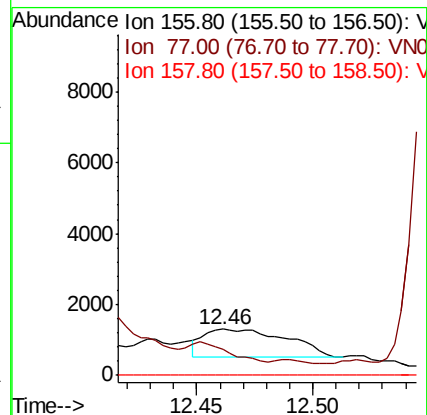
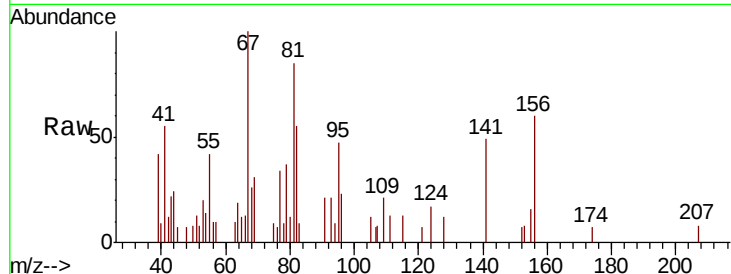
Tot Ion:156 Resp: 1949

Ion Ratio Lower Upper

156 100

77 0.0 126.4 379.3#

158 0.0 49.8 149.4#



#78

n-propylbenzene

Concen: 133.436 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062441.D

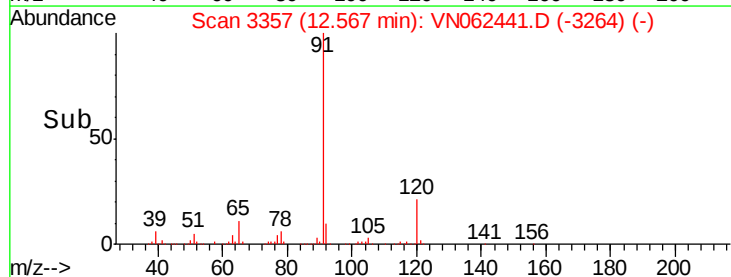
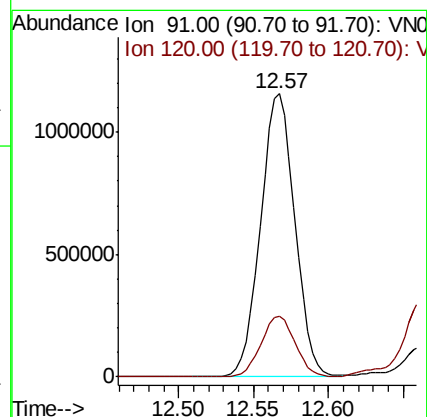
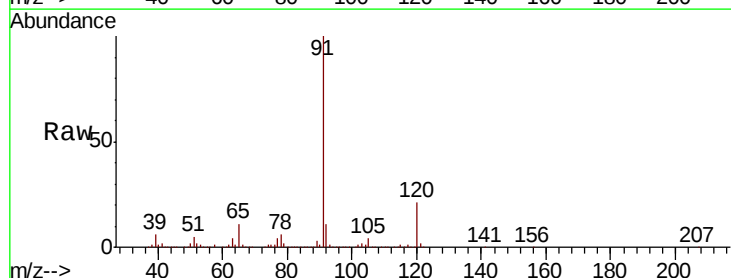
Acq: 9 Jul 2020 5:59

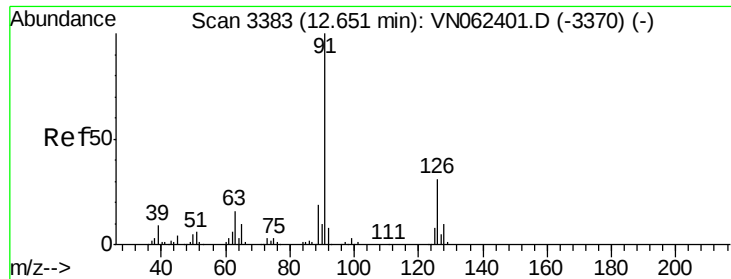
Tgt Ion: 91 Resp: 1842032

Ion Ratio Lower Upper

91 100

120 21.3 10.7 32.1

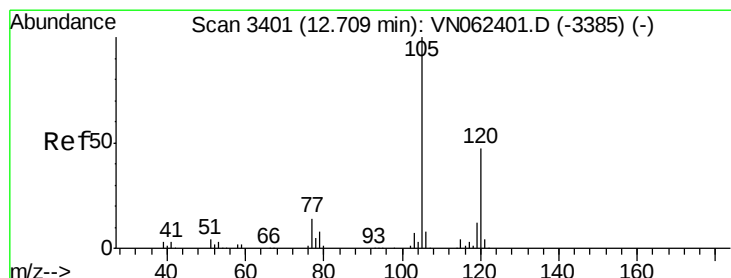
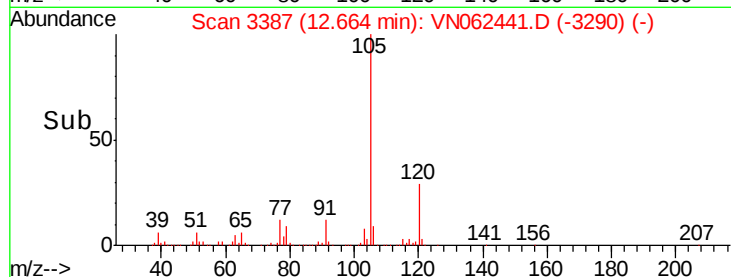
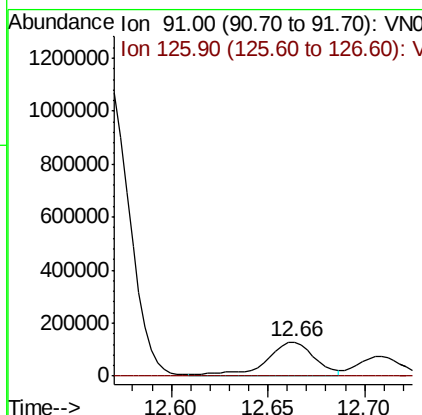
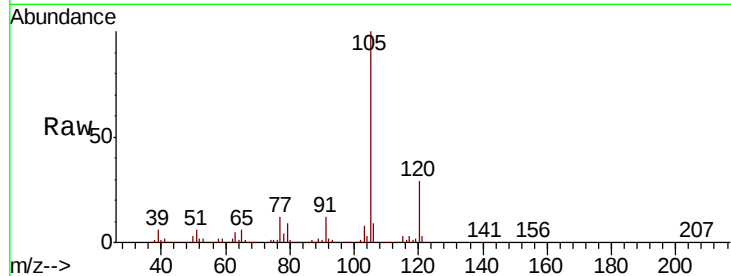




#79
 2-Chlorotoluene
 Concen: 26.700 ug/l
 RT: 12.66 min Scan# 3387
 Delta R.T. 0.01 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

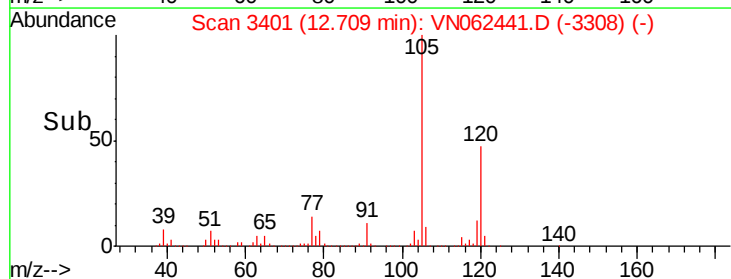
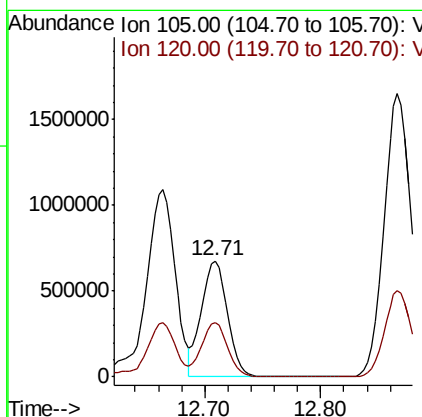
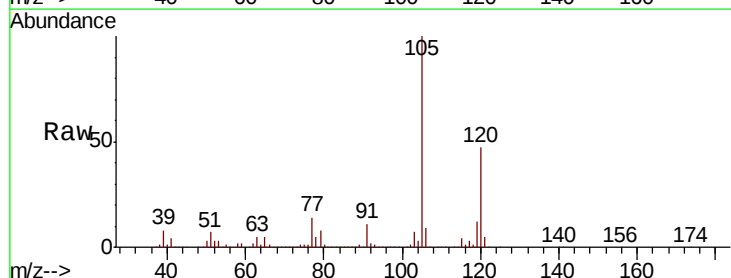
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12

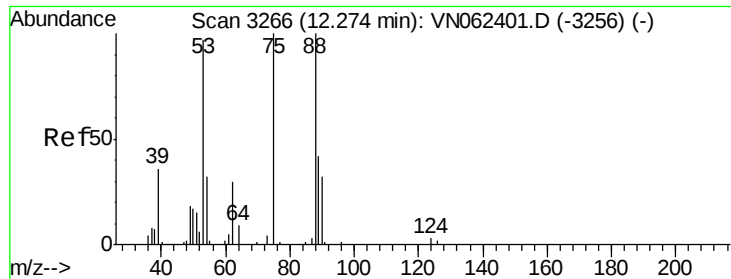
Tot Ion: 91 Resp: 223701
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.6 46.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 110.297 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

Tgt Ion: 105 Resp: 1068567
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.2

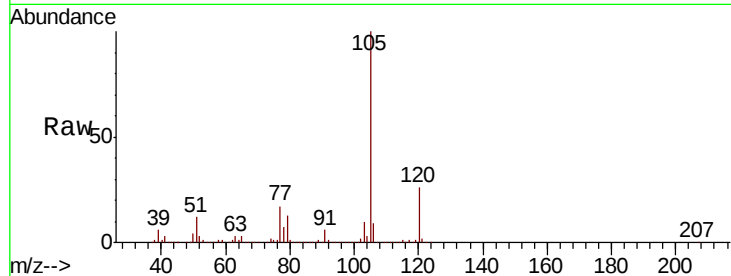




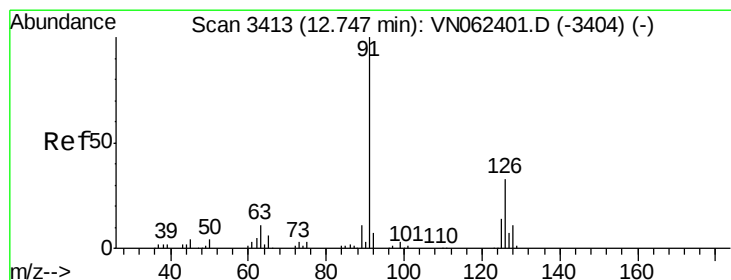
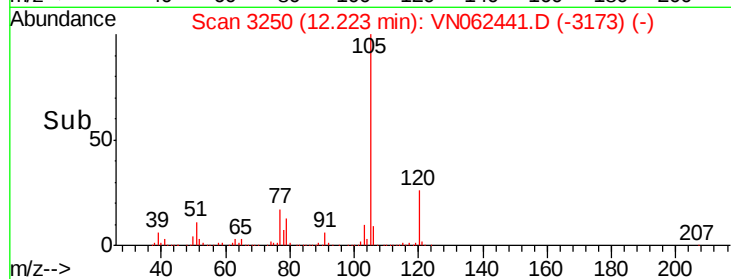
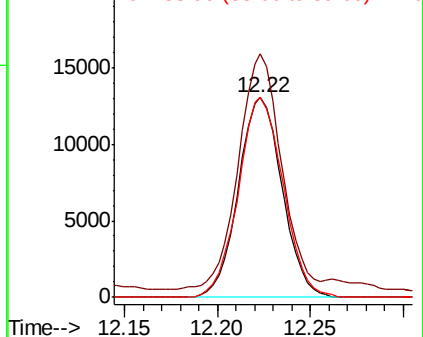
#81
trans-1,4-Dichloro-2-butene
Concen: 15.347 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.05 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Instrument :
MSVOA_N
ClientSampled :
MW-12

Tot Ion: 75 Resp: 21486
Ion Ratio Lower Upper
75 100
53 115.8 79.2 118.8
89 102.3 34.6 52.0#

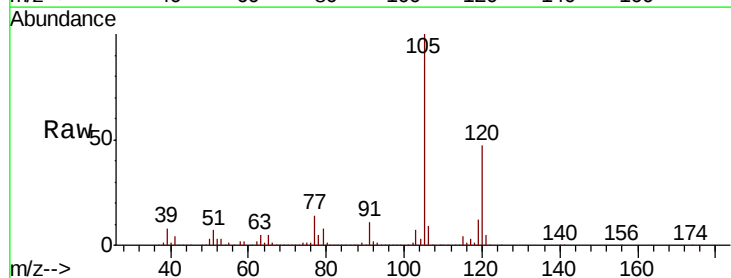


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

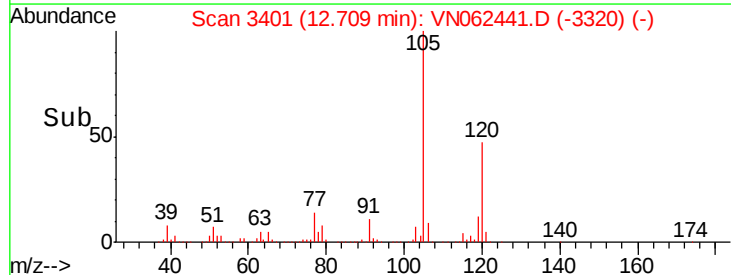
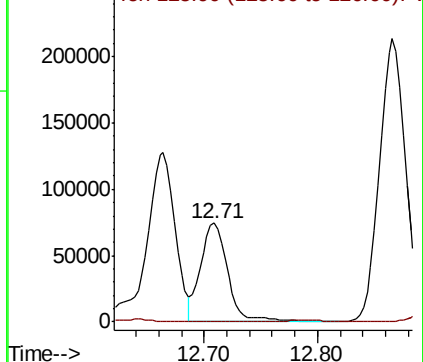


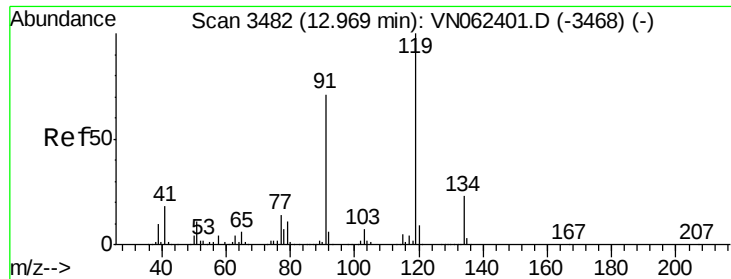
#82
4-Chlorotoluene
Concen: 14.376 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion: 91 Resp: 122281
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

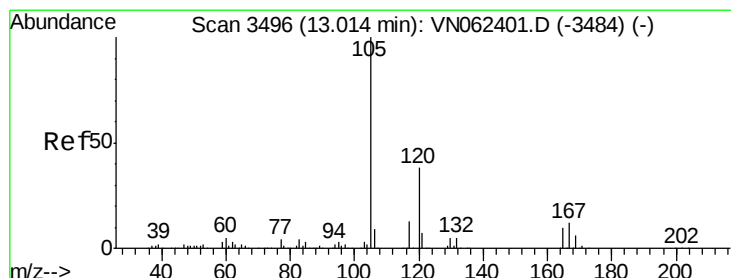
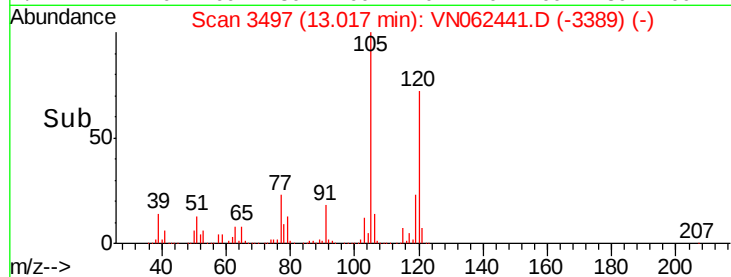
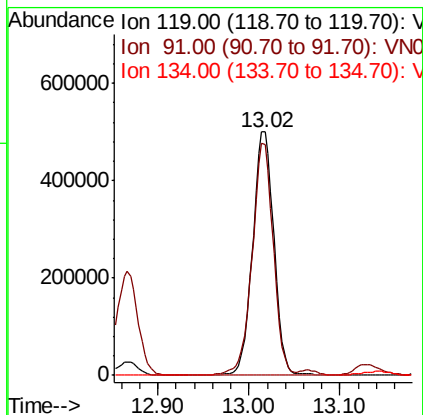
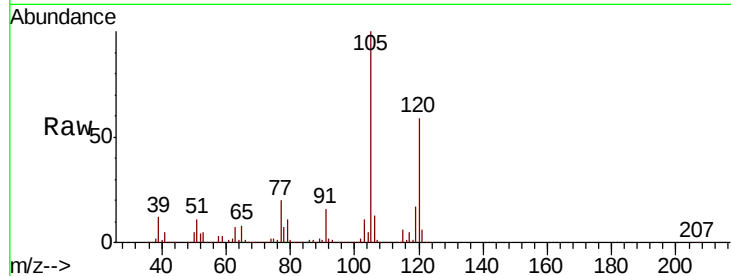




#83
 tert-Butylbenzene
 Concen: 98.777 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.05 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

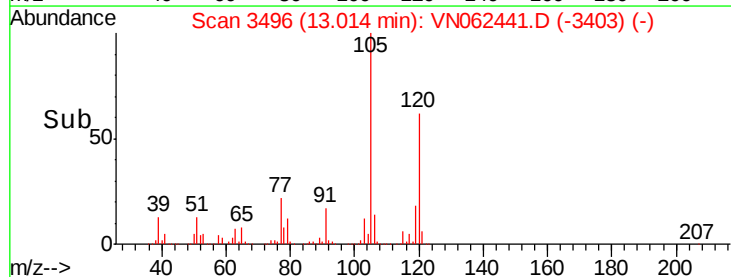
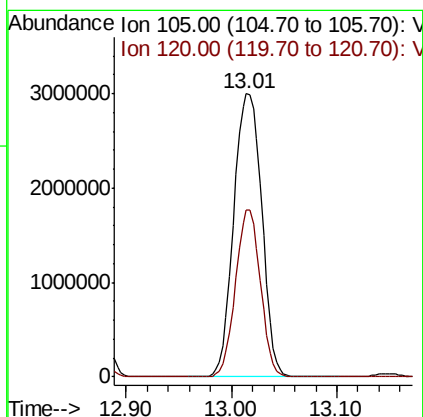
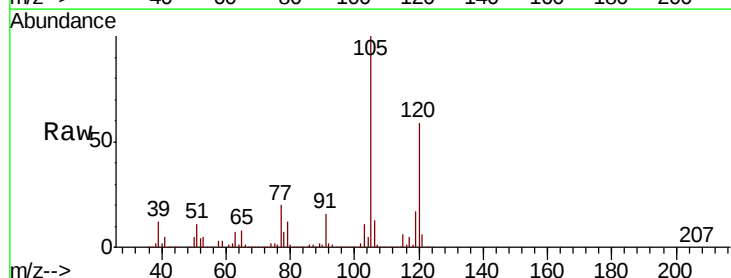
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12

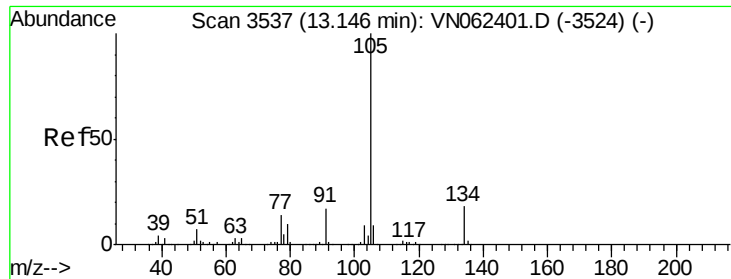
Tot Ion:119 Resp: 812100
 Ion Ratio Lower Upper
 119 100
 91 94.8 34.8 104.3
 134 0.0 11.7 35.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 572.356 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062441.D
 Acq: 9 Jul 2020 5:59

Tgt Ion:105 Resp: 5511660
 Ion Ratio Lower Upper
 105 100
 120 52.5 21.6 64.8





#85

sec-Butylbenzene

Concen: 505.912 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.13 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampleId :

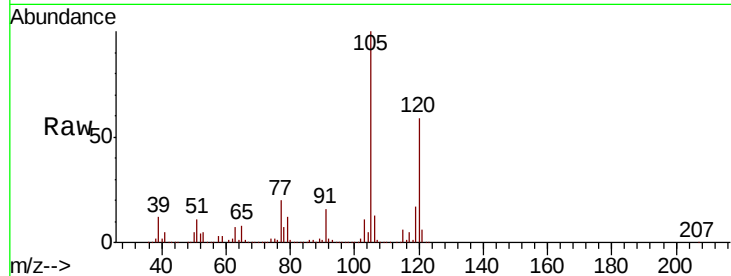
MW-12

Tot Ion:105 Resp: 5511660

Ion Ratio Lower Upper

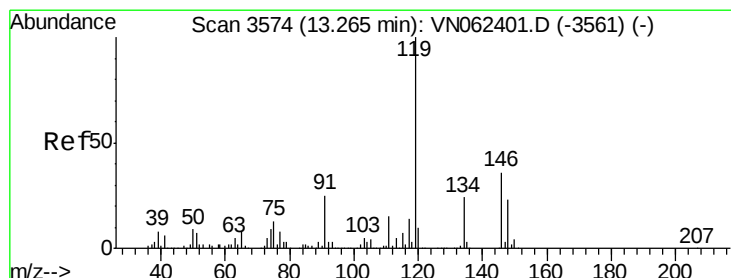
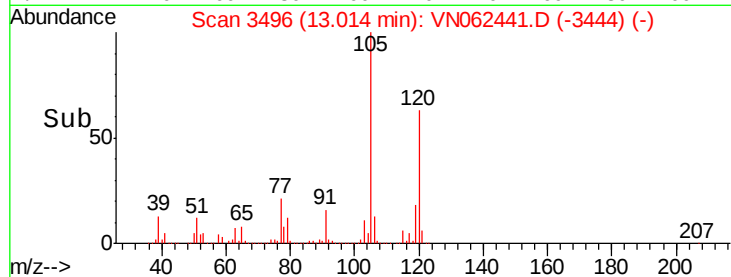
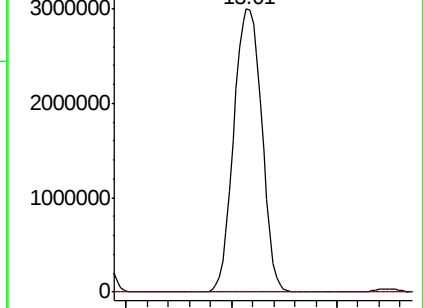
105 100

134 0.0 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 32.844 ug/l

RT: 13.21 min Scan# 3556

Delta R.T. -0.06 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

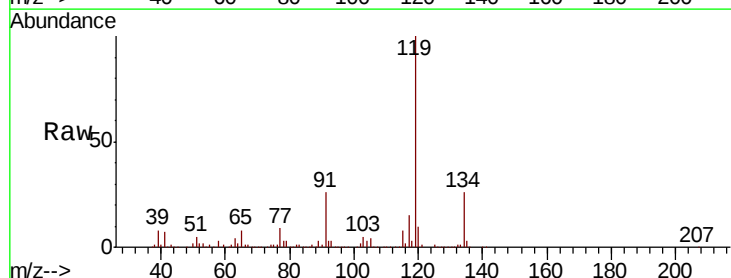
Tgt Ion:119 Resp: 308829

Ion Ratio Lower Upper

119 100

134 27.1 12.4 37.0

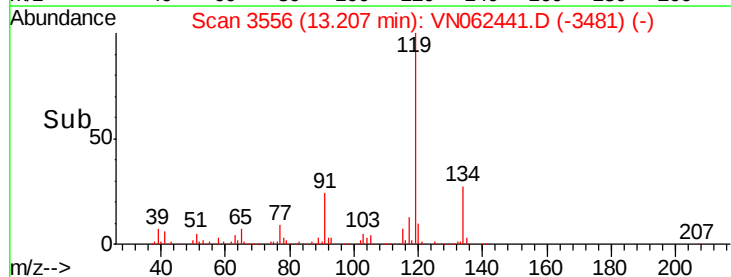
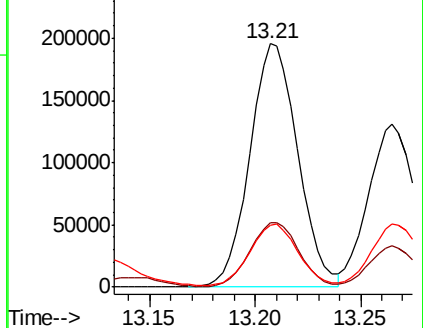
91 25.0 12.4 37.4

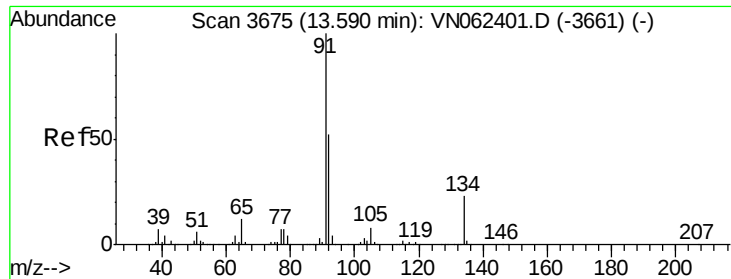


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

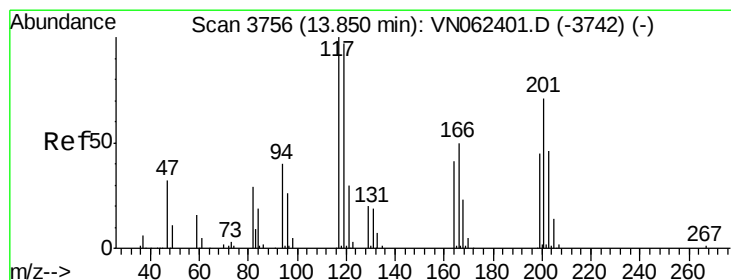
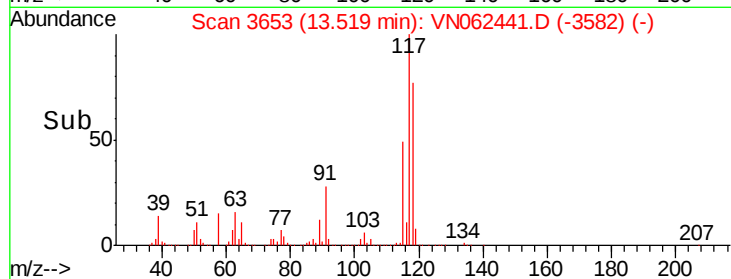
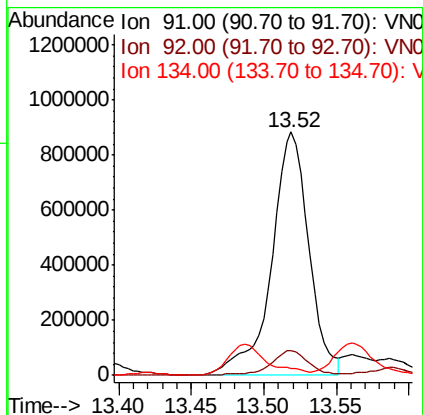
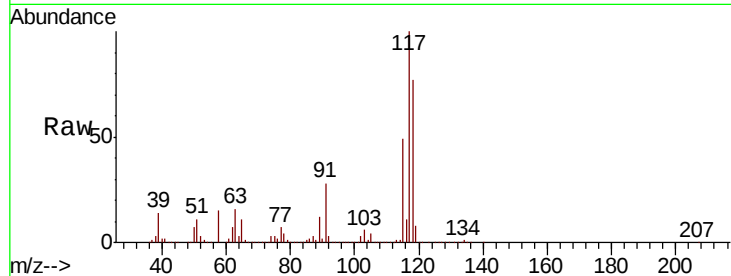




#89
n-Butylbenzene
Concen: 189.344 ug/l
RT: 13.52 min Scan# 3653
Delta R.T. -0.07 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

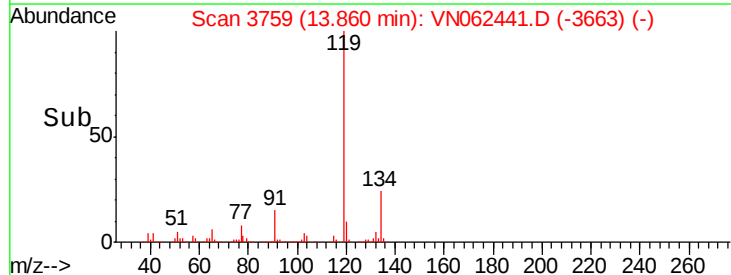
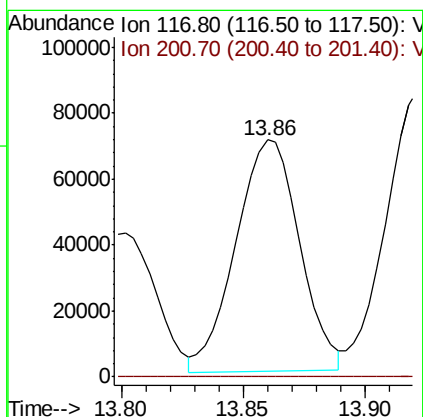
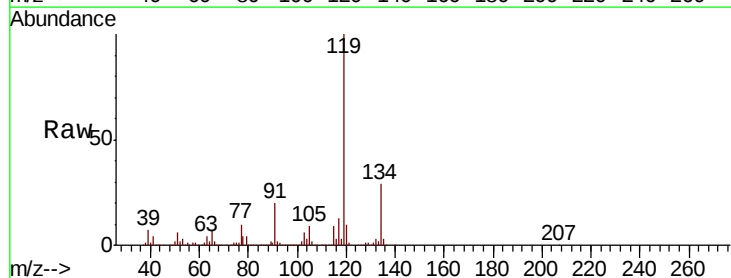
Instrument :
MSVOA_N
ClientSampleId :
MW-12

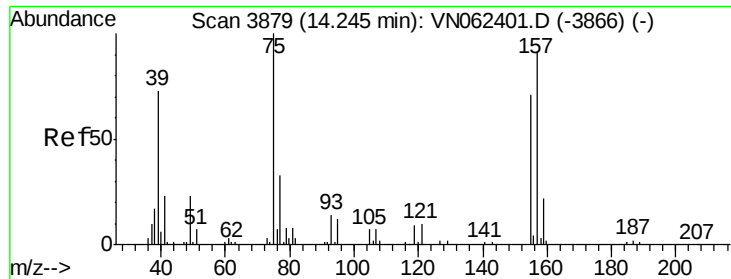
Tot Ion: 91 Resp: 1572027
Ion Ratio Lower Upper
91 100
92 10.3 25.9 77.7#
134 0.0 11.6 34.8#



#90
Hexachloroethane
Concen: 68.625 ug/l
RT: 13.86 min Scan# 3759
Delta R.T. 0.01 min
Lab File: VN062441.D
Acq: 9 Jul 2020 5:59

Tgt Ion: 117 Resp: 126934
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.222 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Instrument :

MSVOA_N

ClientSampleId :

MW-12

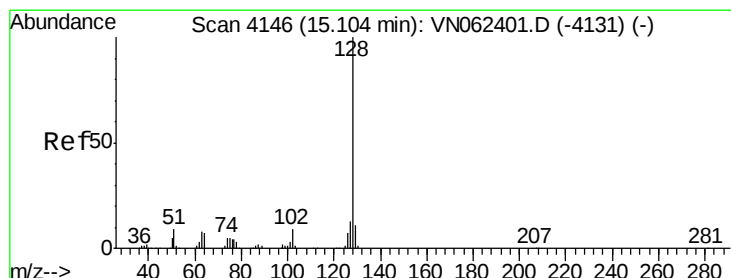
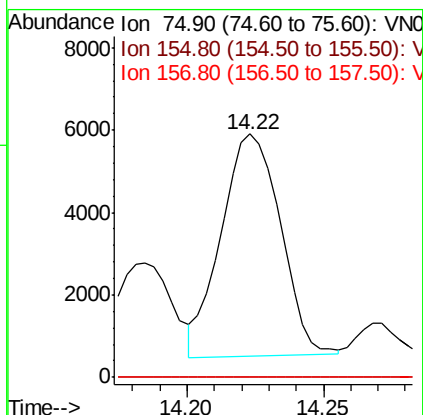
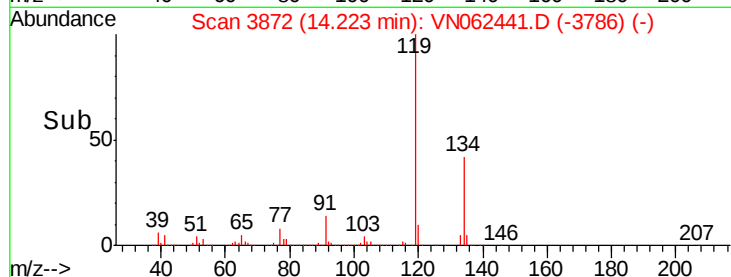
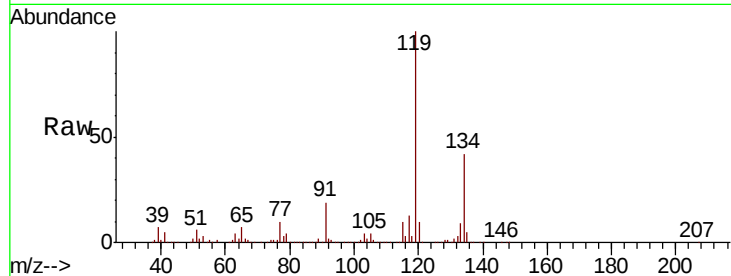
Tot Ion: 75 Resp: 8138

Ion Ratio Lower Upper

75 100

155 0.0 35.2 105.6#

157 0.0 45.8 137.3#



#95

Naphthalene

Concen: 679.941 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062441.D

Acq: 9 Jul 2020 5:59

Tgt Ion: 128 Resp: 11668567

Ion Ratio Lower Upper

128 100

127 32.2 10.2 15.2#

129 28.9 8.6 12.8#

