

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064654.D
 Acq On : 16 Nov 2020 11:38
 Operator : JC/MD
 Sample : L4682-02 20X
 Misc : 5.63g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

Quant Time: Nov 17 03:41:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	501199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208587	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	233178	57.22	ug/l	0.00
Spiked Amount			Recovery	=	114.44%	
35) Dibromofluoromethane	7.55	113	171020	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
50) Toluene-d8	10.06	98	614673	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.38	95	254660	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	832	0.343	ug/l #	52
11) Tert butyl alcohol	4.75	59	122	0.271	ug/l #	71
13) Acrolein	3.58	56	133	0.477	ug/l #	79
16) Acetone	3.78	43	1040	0.670	ug/l #	79
17) Carbon Disulfide	4.01	76	1986	0.265	ug/l #	76
20) Methylene Chloride	4.50	84	632	0.205	ug/l #	80
29) Tetrahydrofuran	7.17	42	398	0.328	ug/l #	37
31) Cyclohexane	7.62	56	6967	1.406	ug/l #	8
36) 1,1-Dichloropropene	7.63	75	22881	4.596	ug/l #	53
37) Ethyl Acetate	6.87	43	72	0.776	ug/l #	71
38) Carbon Tetrachloride	7.62	117	28132	5.287	ug/l #	17
43) Isopropyl Acetate	8.24	43	4598	0.570	ug/l #	64
51) 4-Methyl-2-Pentanone	9.95	43	1012	0.215	ug/l #	85
56) Ethyl methacrylate	10.40	69	209	1.876	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.66	63	116	21.577	ug/l #	51
59) 2-Hexanone	10.73	43	155	4.068	ug/l #	12
68) m/p-Xylenes	11.60	106	2616	0.369	ug/l #	71
71) Bromoform	12.10	173	65	1.296	ug/l #	29
73) Isopropylbenzene	12.22	105	9152	0.552	ug/l	99
74) N-amyl acetate	12.02	43	13138	2.809	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.45	83	1566	0.308	ug/l #	68
76) 1,2,3-Trichloropropane	12.37	75	146645	29.016	ug/l #	100
78) n-propylbenzene	12.57	91	22727	1.202	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	13232	0.967	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.37	75	146645	81.017	ug/l #	8
83) tert-Butylbenzene	12.96	119	2775	0.260	ug/l	91
84) 1,2,4-Trimethylbenzene	13.01	105	92438	6.723	ug/l	99
85) sec-Butylbenzene	13.14	105	15721	1.162	ug/l #	73
86) p-Isopropyltoluene	13.26	119	8269	0.680	ug/l	98
89) n-Butylbenzene	13.59	91	10842	1.036	ug/l #	79
90) Hexachloroethane	13.86	117	2776	1.183	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.24	75	255	0.252	ug/l #	43
93) 1,2,4-Trichlorobenzene	14.89	180	729	2.870	ug/l #	17
94) Hexachlorobutadiene	14.98	225	819	0.598	ug/l	89

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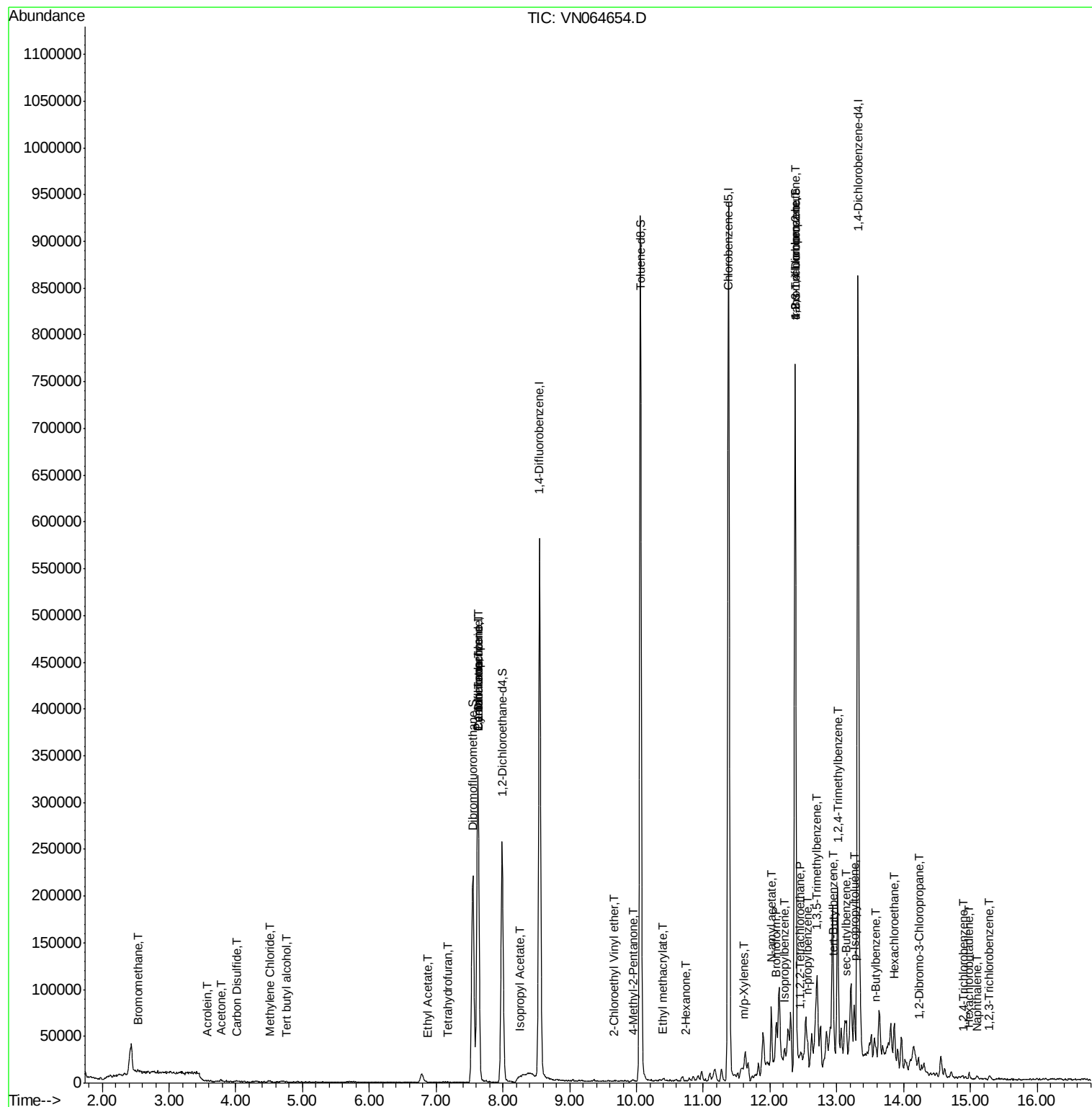
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	3287	3.889	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.28	180	1049	3.081	ug/l #	21

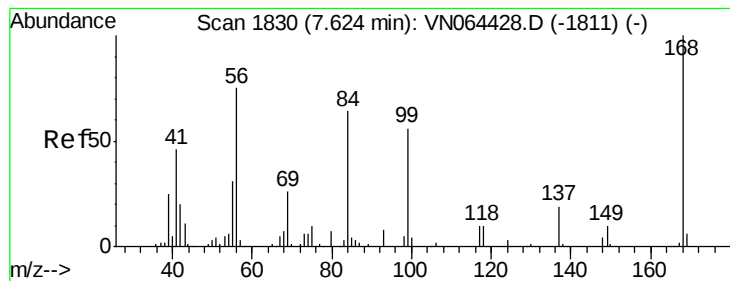
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

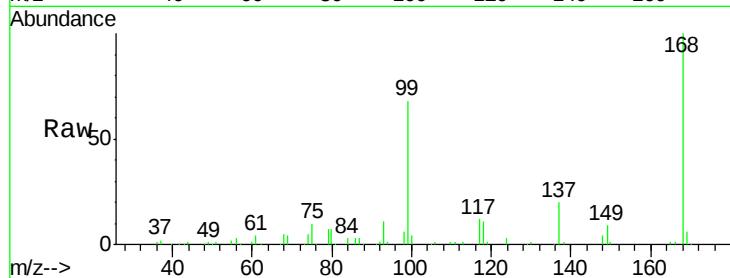
MW-3R(17-20FT)

Tot Ion:168 Resp: 233948

Ion Ratio Lower Upper

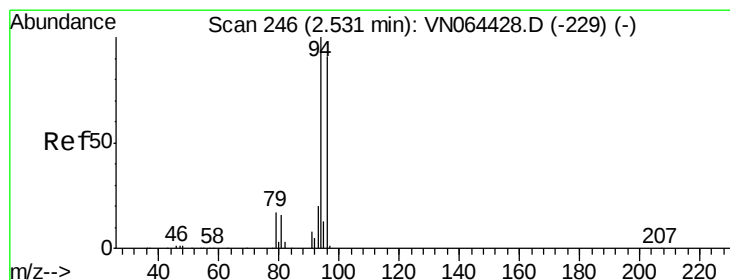
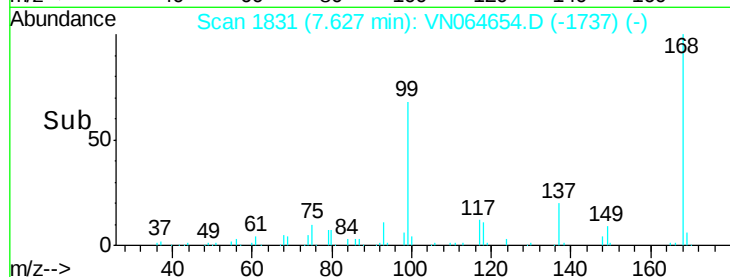
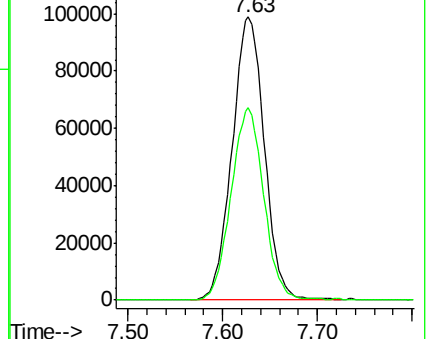
168 100

99 67.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.343 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064654.D

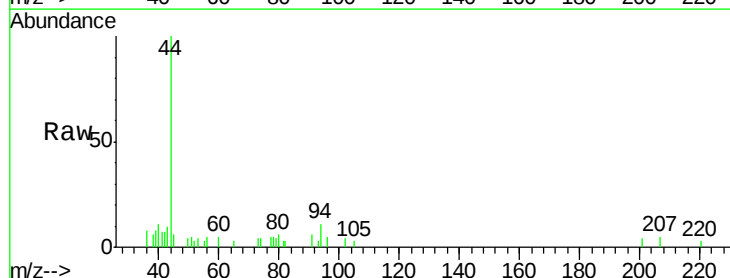
Acq: 16 Nov 2020 11:38

Tgt Ion: 94 Resp: 832

Ion Ratio Lower Upper

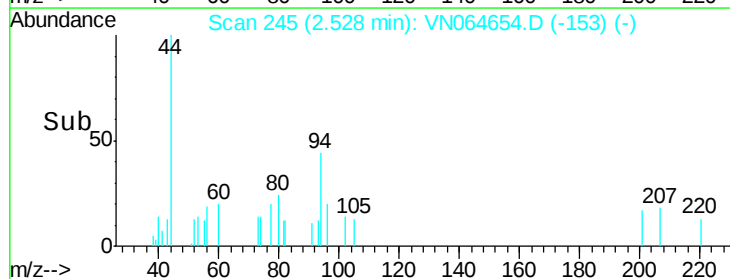
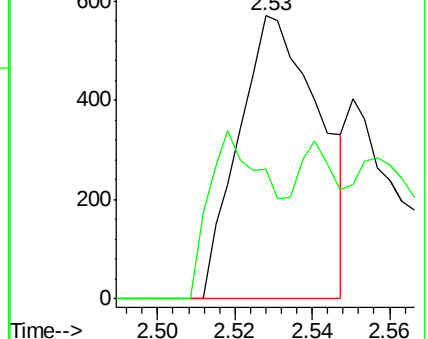
94 100

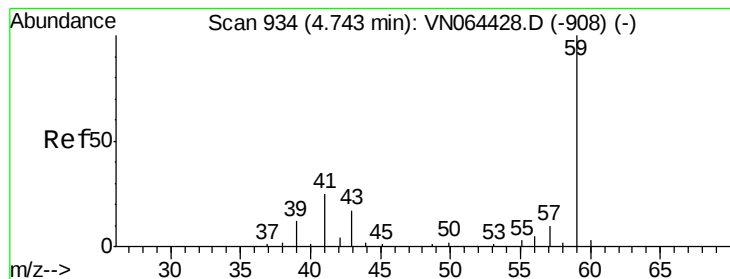
96 45.8 73.1 109.7#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



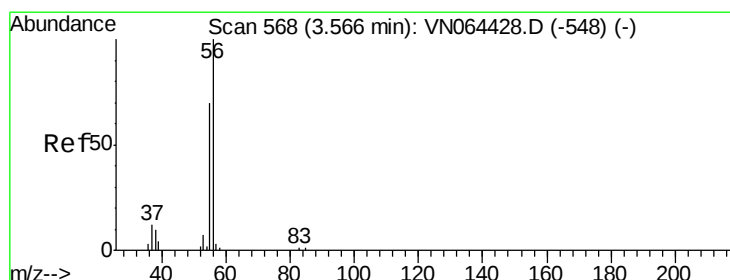
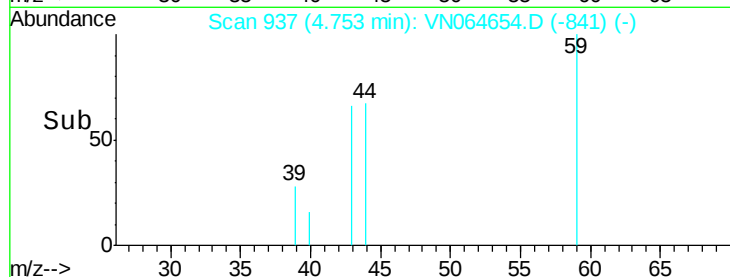
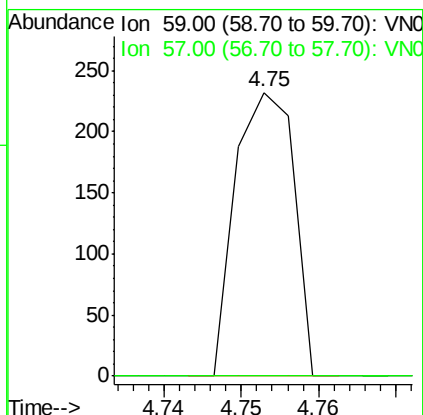
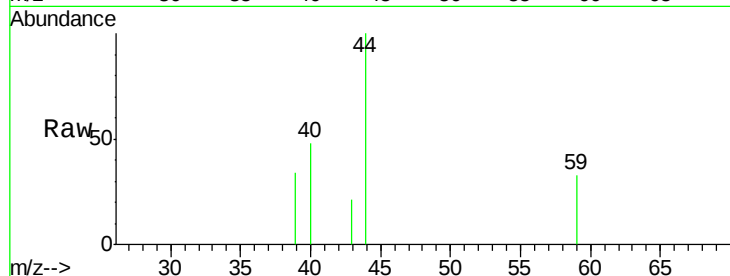


#11

Tert butyl alcohol
 Concen: 0.271 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

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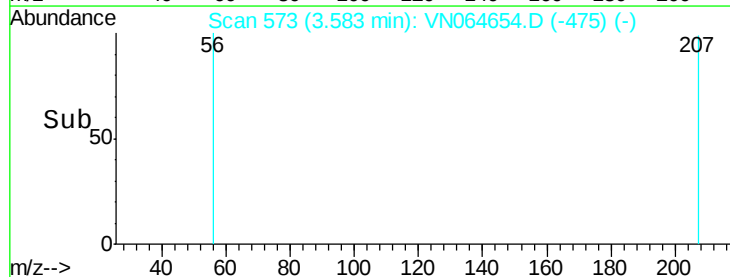
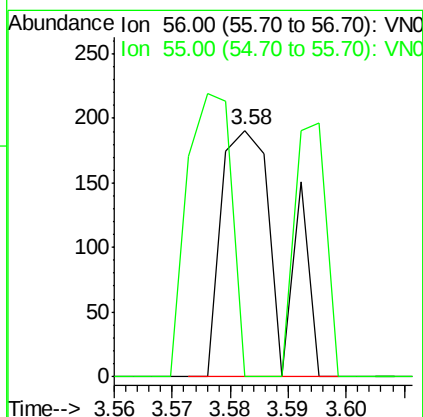
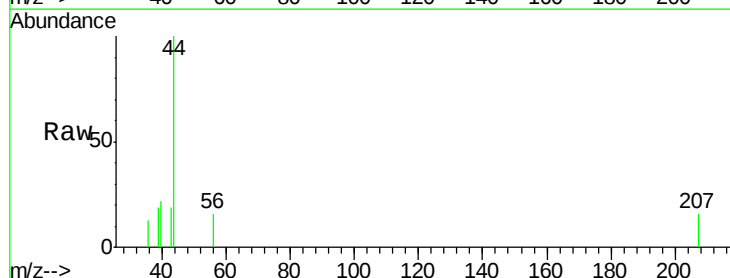
Tot Ion: 59 Resp: 122
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

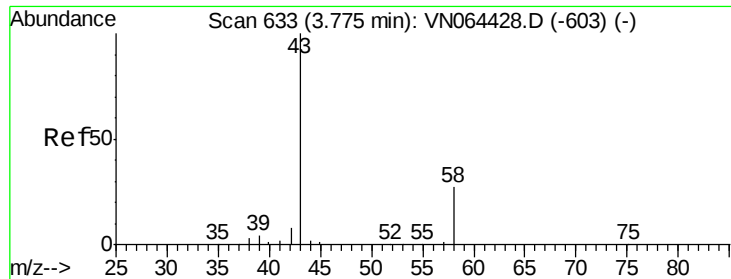


#13

Acrolein
 Concen: 0.477 ug/l
 RT: 3.58 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Tgt Ion: 56 Resp: 133
 Ion Ratio Lower Upper
 56 100
 55 87.2 55.9 83.9#

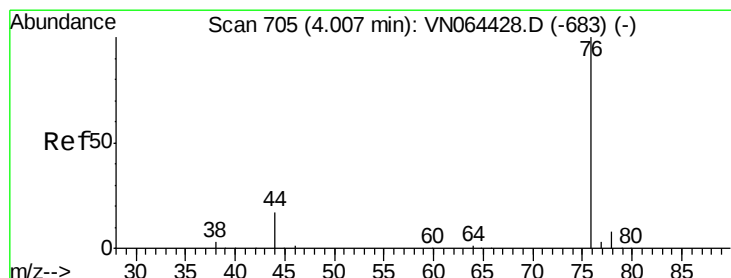
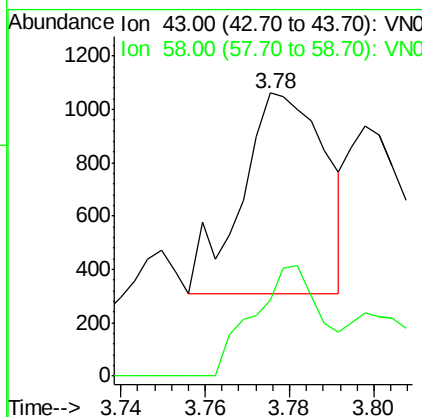
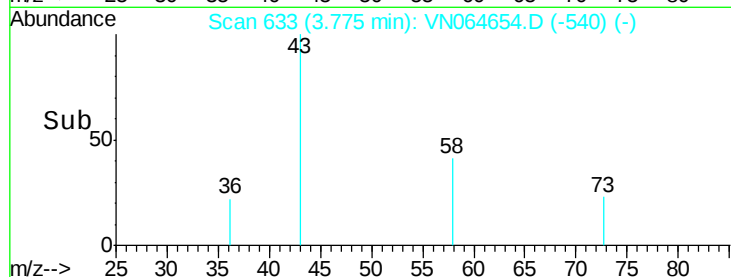
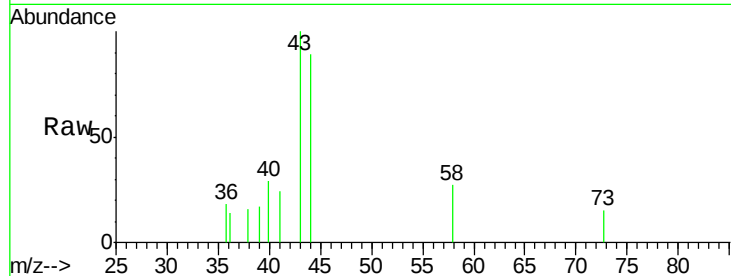




#16
 Acetone
 Concen: 0.670 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

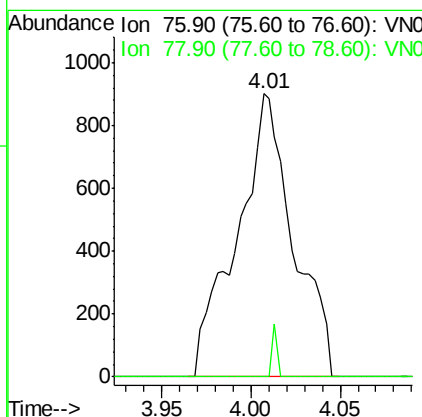
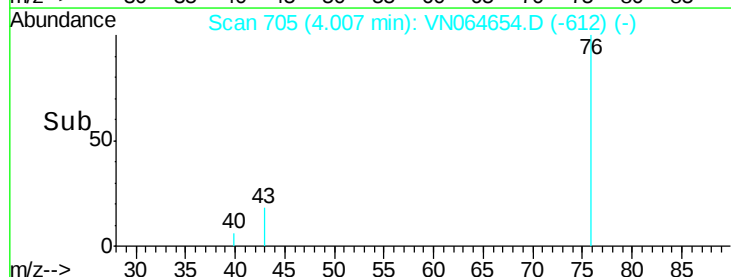
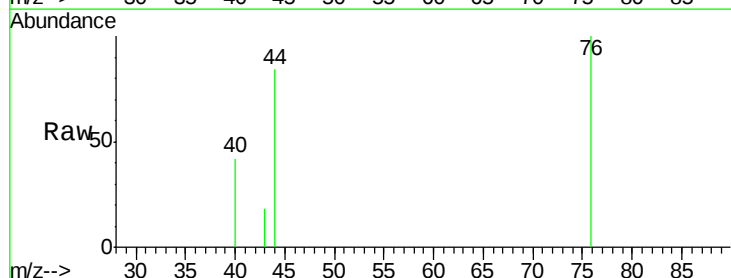
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 MW-3R(17-20FT)

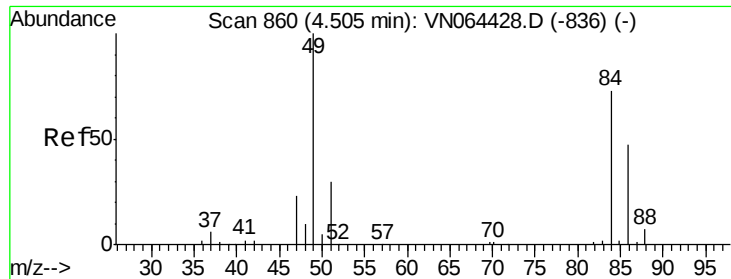
Tot Ion: 43 Resp: 1040
 Ion Ratio Lower Upper
 43 100
 58 37.5 21.4 32.0#



#17
 Carbon Disulfide
 Concen: 0.265 ug/l
 RT: 4.01 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Tgt Ion: 76 Resp: 1986
 Ion Ratio Lower Upper
 76 100
 78 0.0 6.8 10.2#

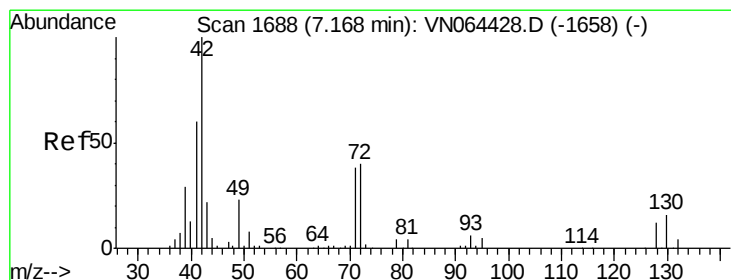
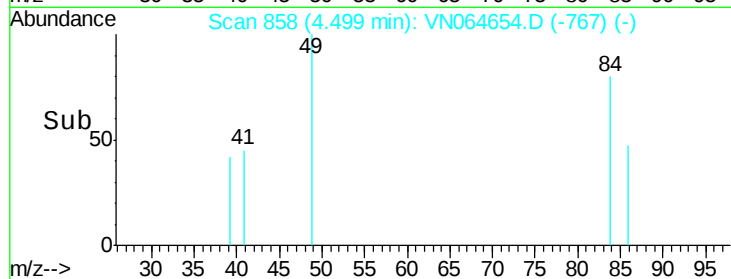
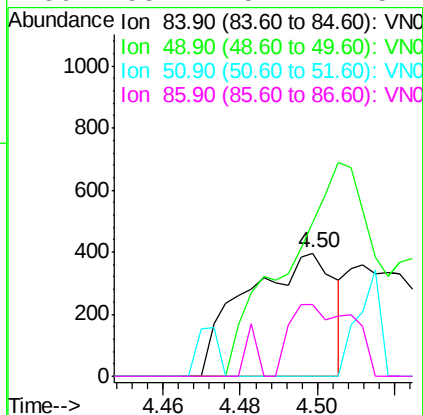
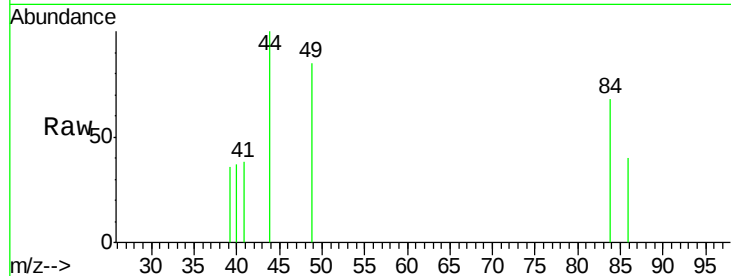




#20
Methvlene Chloride
Concen: 0.205 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

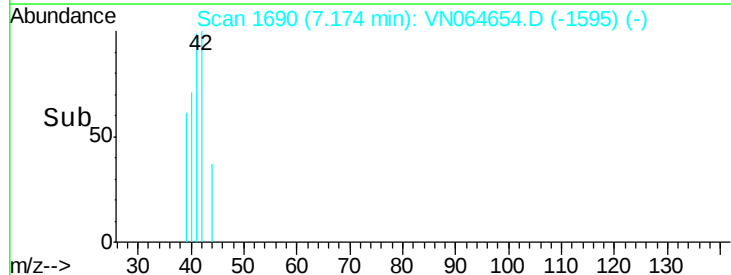
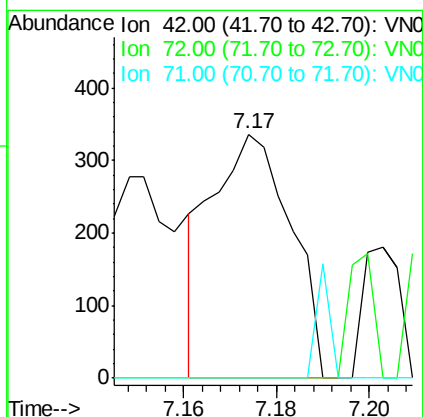
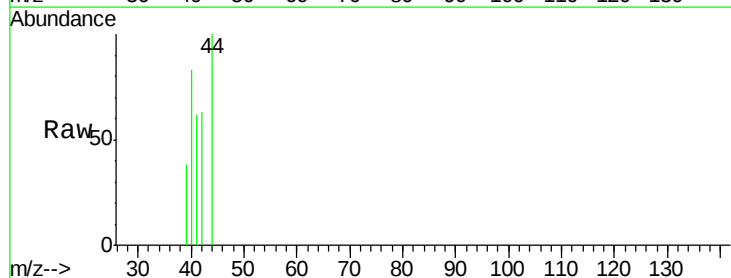
Instrument :
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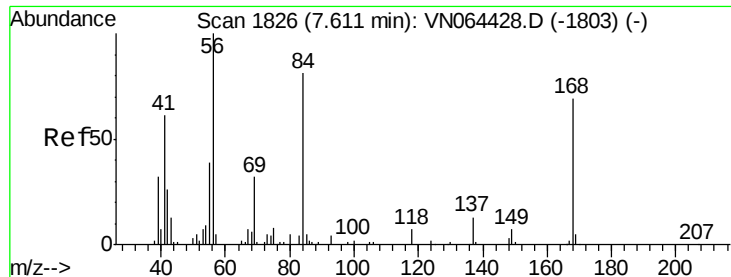
Tot Ion: 84 Resp: 632
Ion Ratio Lower Upper
84 100
49 124.4 110.1 165.1
51 0.0 33.6 50.4#
86 58.4 52.1 78.1



#29
Tetrahydrofuran
Concen: 0.328 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion: 42 Resp: 398
Ion Ratio Lower Upper
42 100
72 0.0 31.7 47.5#
71 0.0 29.8 44.6#





#31

Cyclohexane

Concen: 1.406 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

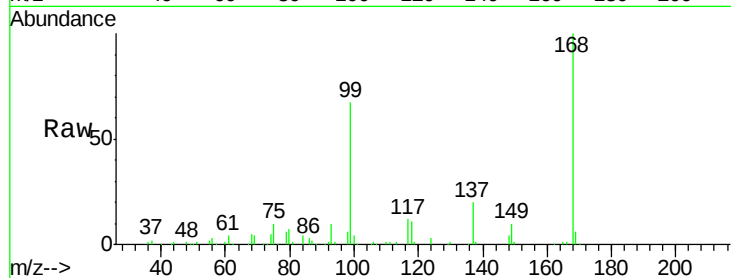
Tot Ion: 56 Resp: 6967

Ion Ratio Lower Upper

56 100

69 145.3 25.6 38.4#

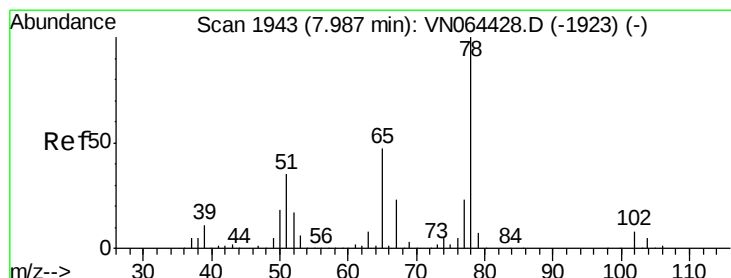
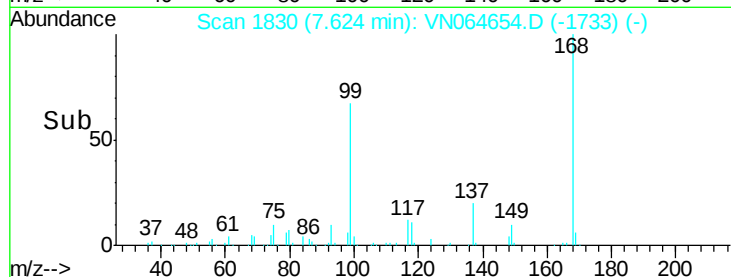
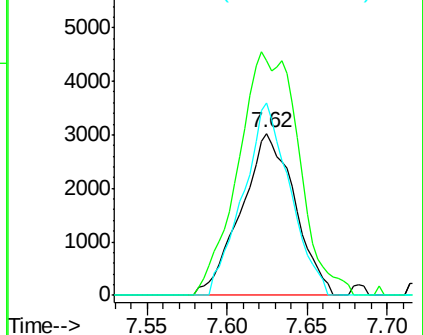
84 119.2 63.0 94.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.221 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064654.D

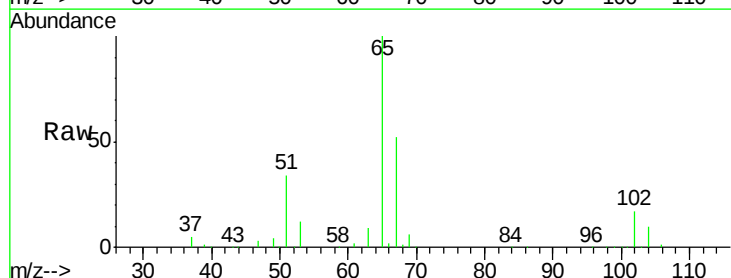
Acq: 16 Nov 2020 11:38

Tgt Ion: 65 Resp: 233178

Ion Ratio Lower Upper

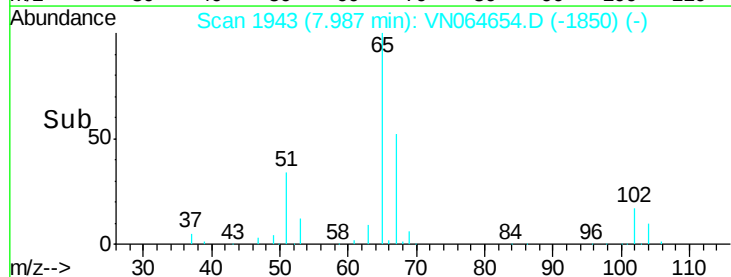
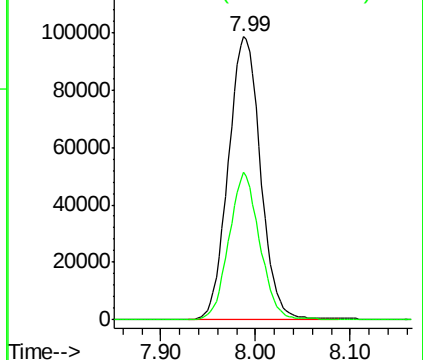
65 100

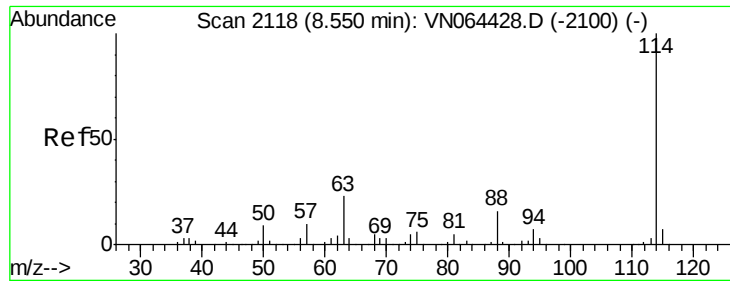
67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

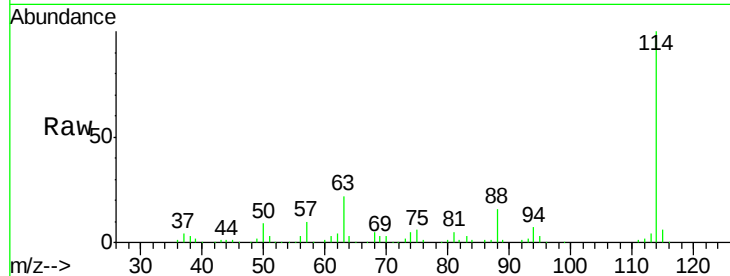




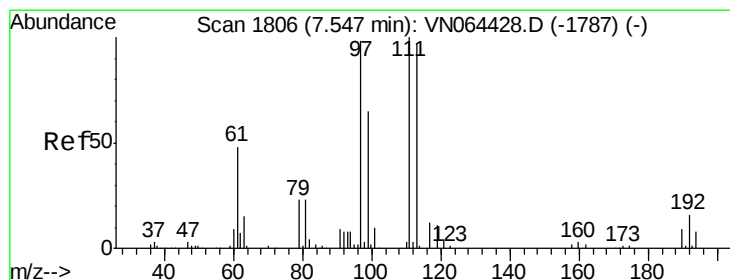
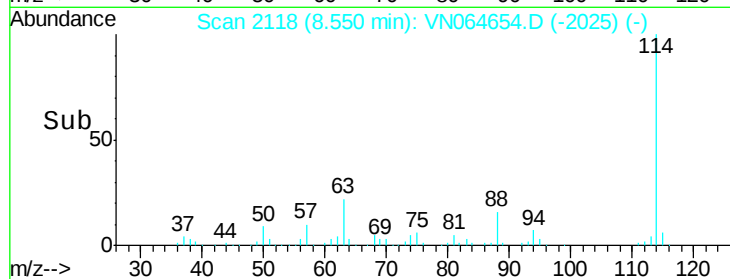
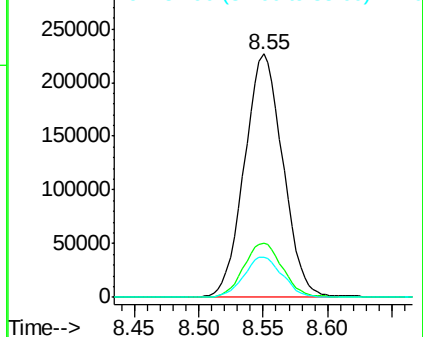
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Instrument :
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 MW-3R(17-20FT)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.6
88	16.5	0.0	32.8

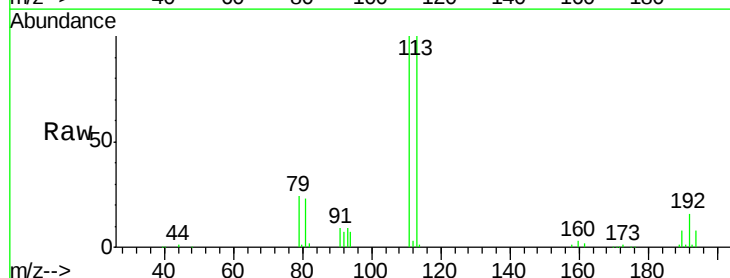


Abundance Ion 113.90 (113.60 to 114.60): V

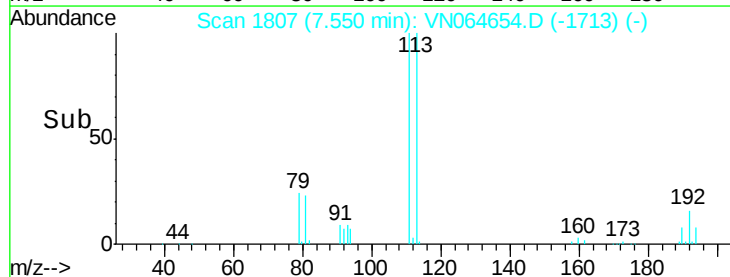
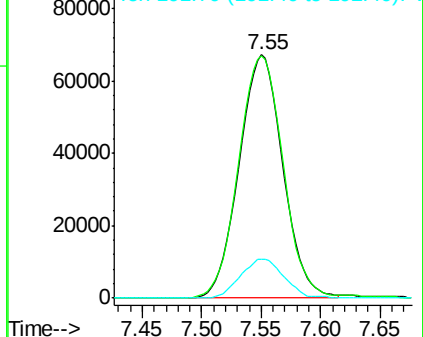


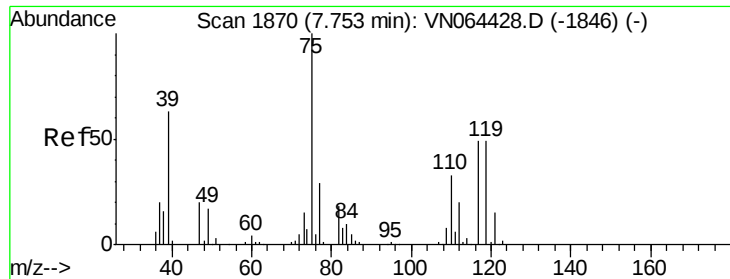
#35
 Dibromofluoromethane
 Concen: 53.296 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	15.8	12.8	19.2



Abundance Ion 112.80 (112.50 to 113.50): V

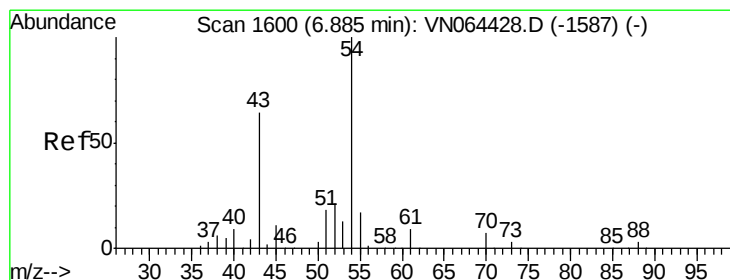
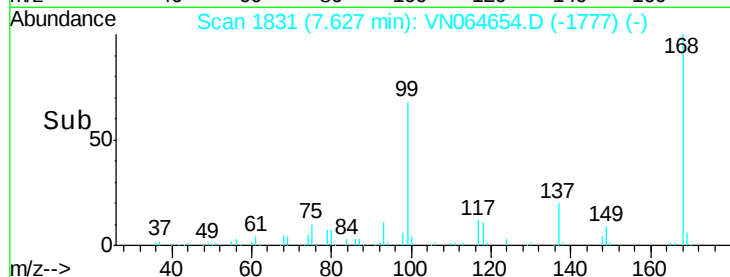
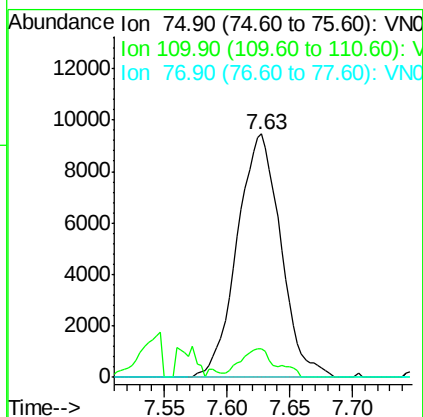
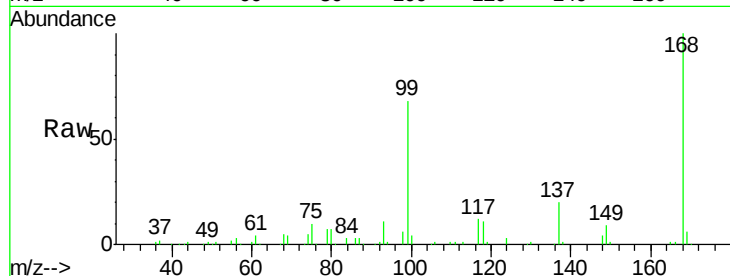




#36
 1,1-Dichloropropene
 Concen: 4.596 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

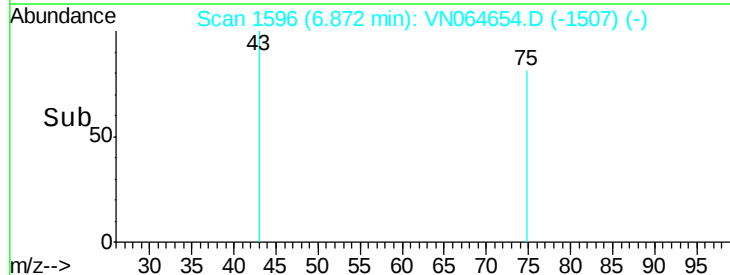
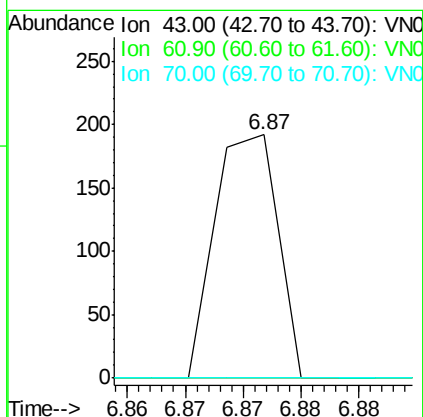
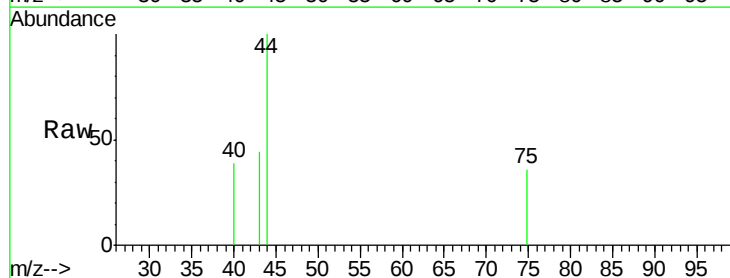
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

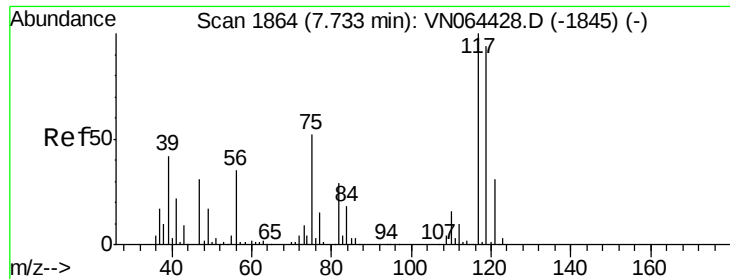
Tot Ion: 75 Resp: 22881
 Ion Ratio Lower Upper
 75 100
 110 9.7 16.0 48.0#
 77 0.0 24.0 36.0#



#37
 Ethyl Acetate
 Concen: 0.776 ug/l
 RT: 6.87 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Tgt Ion: 43 Resp: 72
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.0 15.0#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.287 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

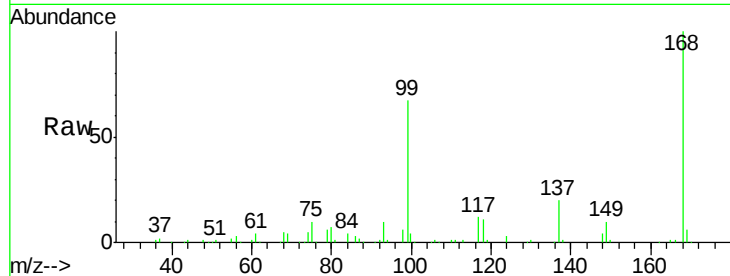
Tot Ion:117 Resp: 28132

Ion Ratio Lower Upper

117 100

119 5.9 75.5 113.3#

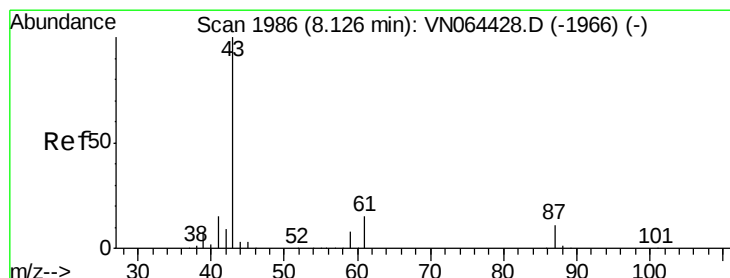
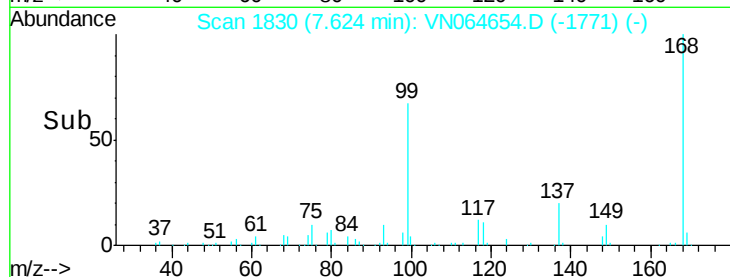
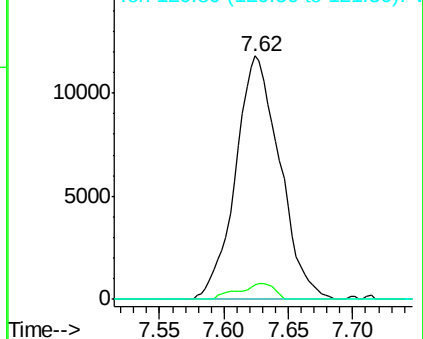
121 0.0 24.4 36.6#



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



#43

Isopropyl Acetate

Concen: 0.570 ug/l

RT: 8.24 min Scan# 2021

Delta R.T. 0.11 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

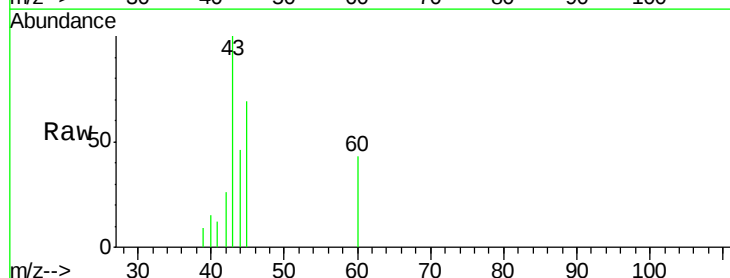
Tgt Ion: 43 Resp: 4598

Ion Ratio Lower Upper

43 100

61 0.0 14.0 21.0#

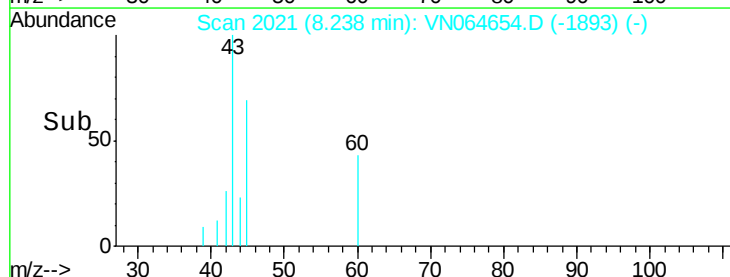
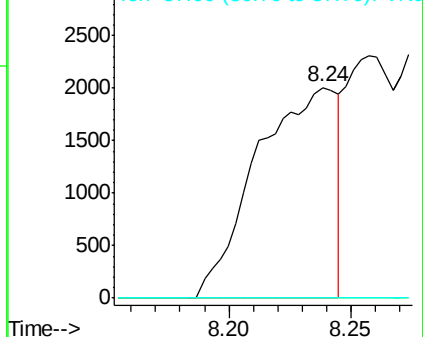
87 0.0 9.1 13.7#

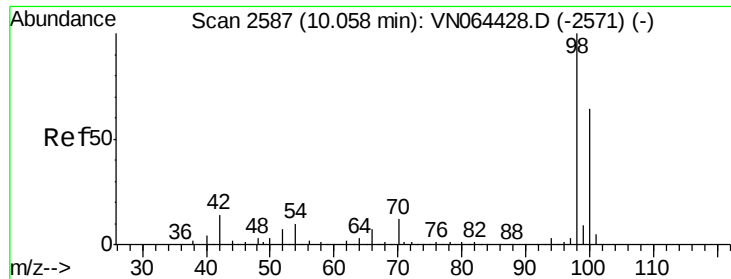


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.561 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

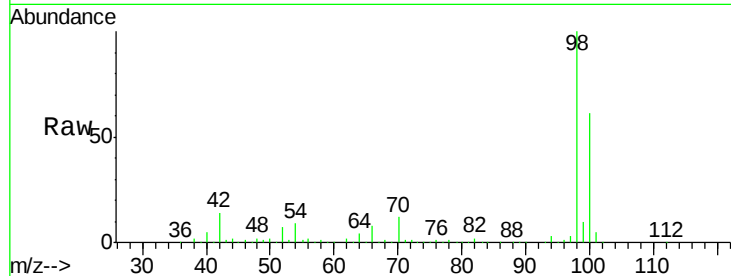
MW-3R(17-20FT)

Tot Ion: 98 Resp: 614673

Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

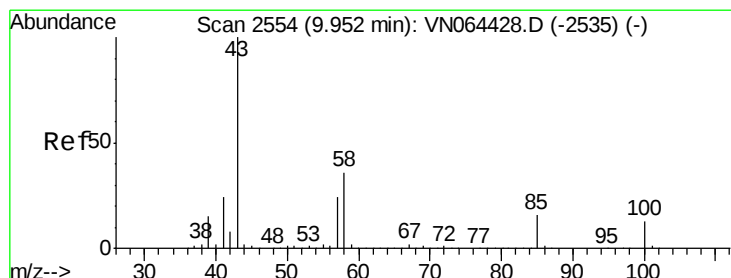
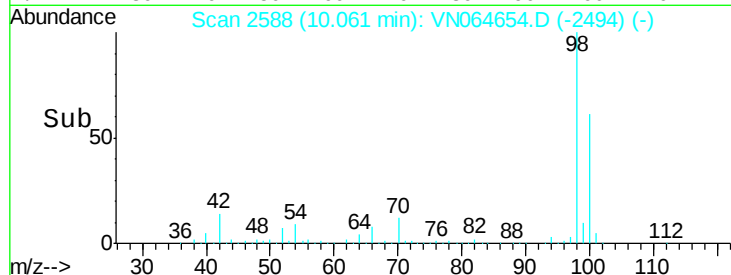
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.215 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064654.D

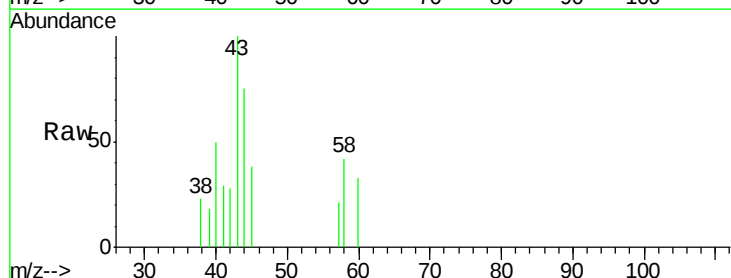
Acq: 16 Nov 2020 11:38

Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

58 26.6 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

1000

800

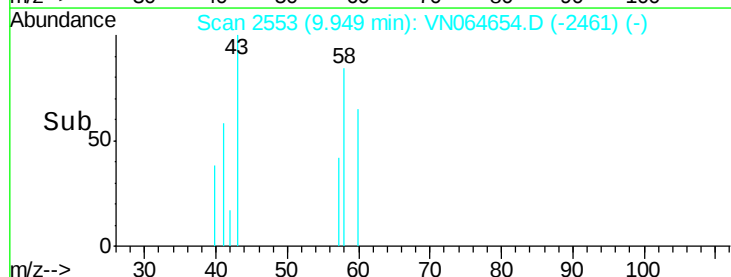
600

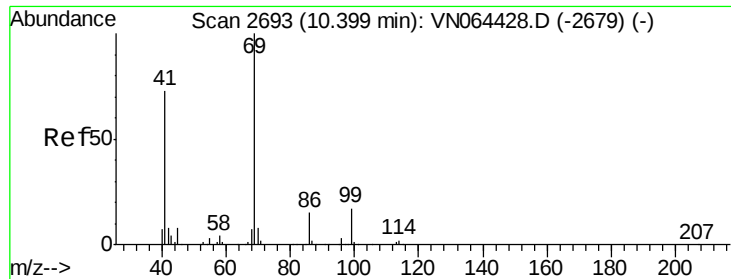
400

200

0

Time-->





#56

Ethyl methacrylate

Concen: 1.876 ug/l

RT: 10.40 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

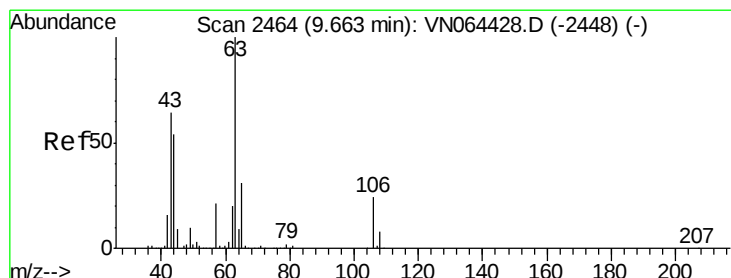
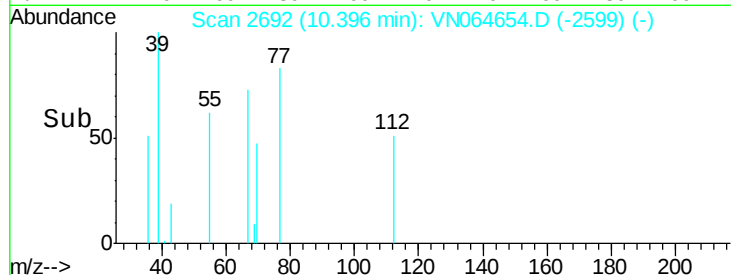
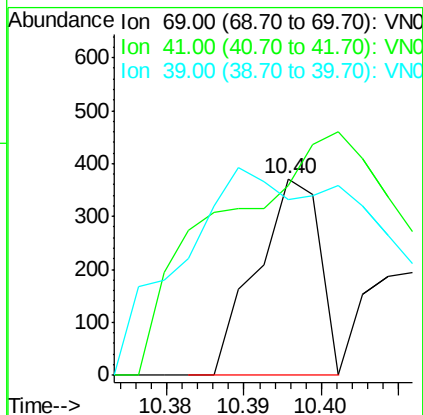
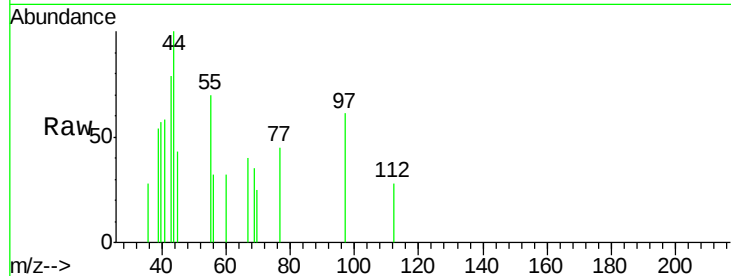
Tot Ion: 69 Resp: 209

Ion Ratio Lower Upper

69 100

41 0.0 59.3 88.9#

39 320.6 35.4 53.0#



#58

2-Chloroethyl Vinyl ether

Concen: 21.577 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064654.D

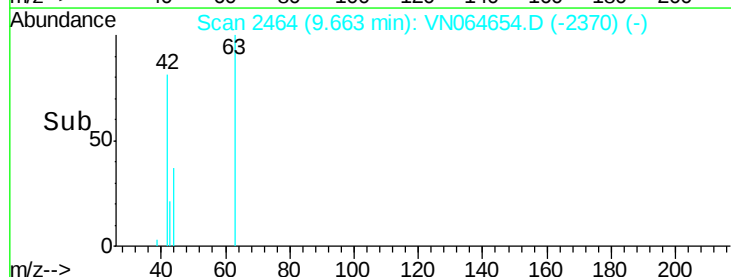
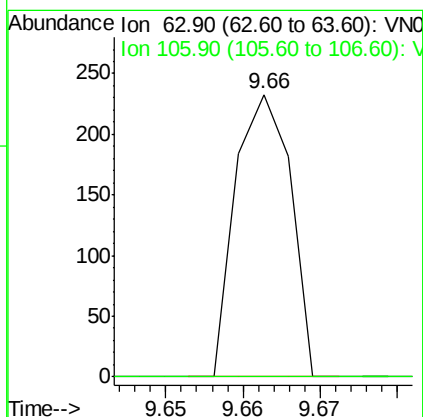
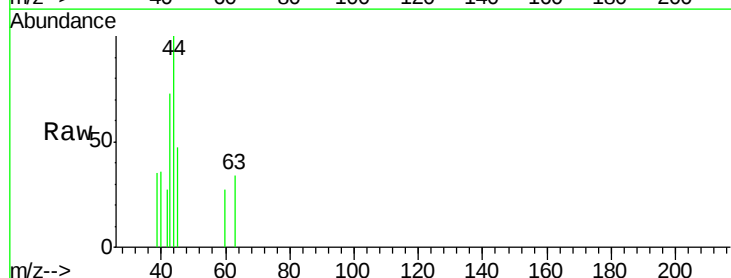
Acq: 16 Nov 2020 11:38

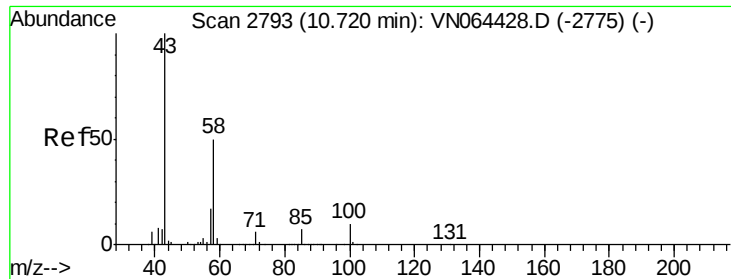
Tgt Ion: 63 Resp: 116

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

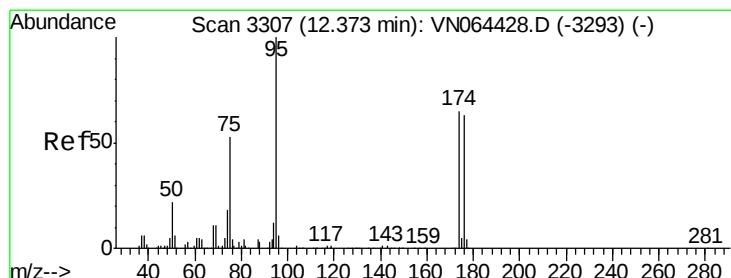
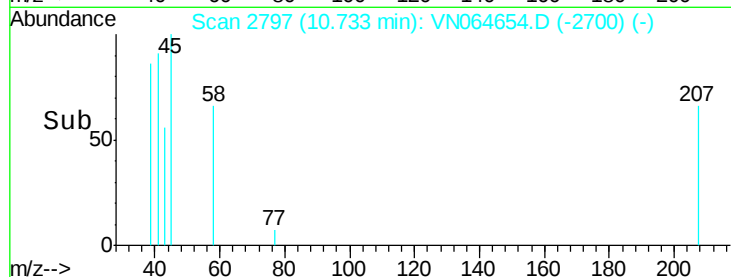
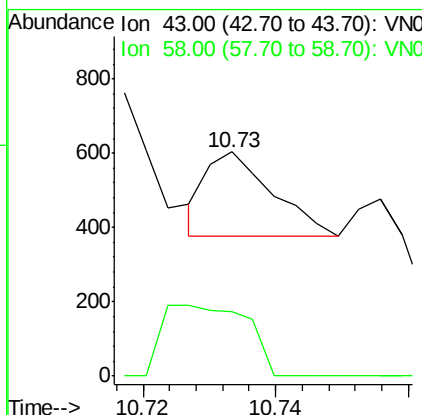
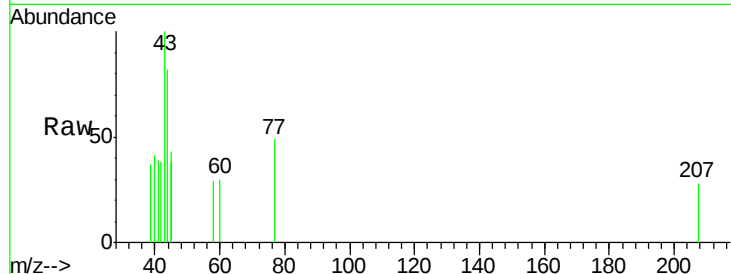




#59
2-Hexanone
Concen: 4.068 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

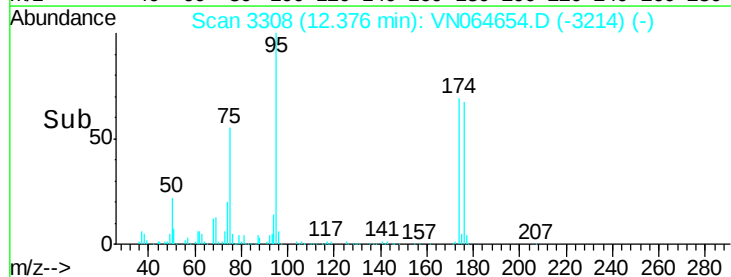
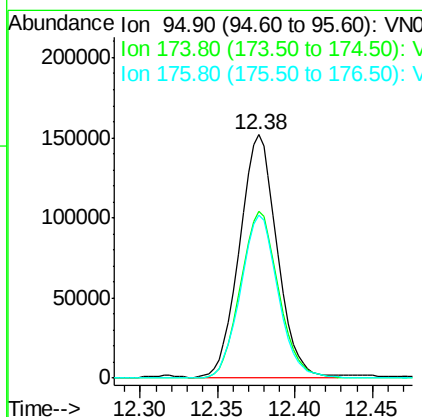
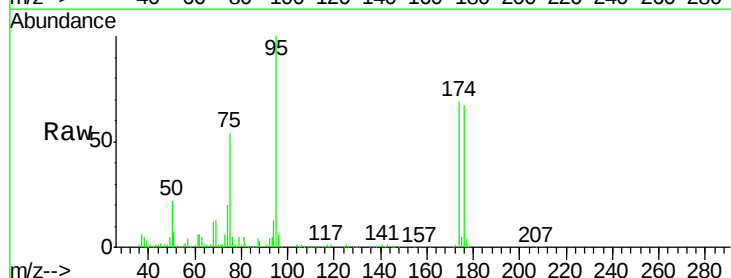
Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

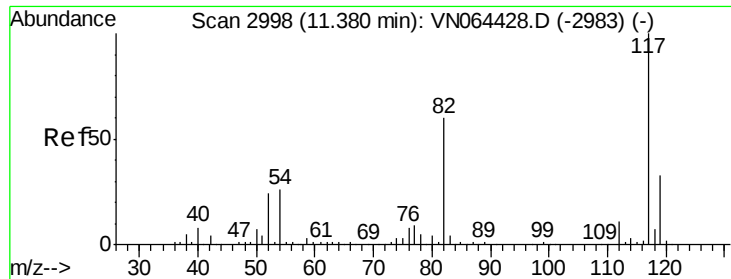
Tot Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
58 109.7 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 54.294 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion: 95 Resp: 254660
Ion Ratio Lower Upper
95 100
174 70.0 0.0 132.6
176 67.9 0.0 129.2

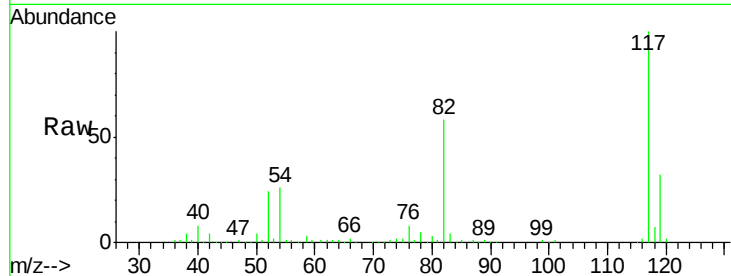




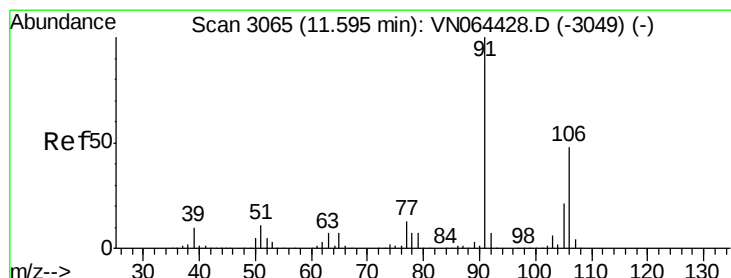
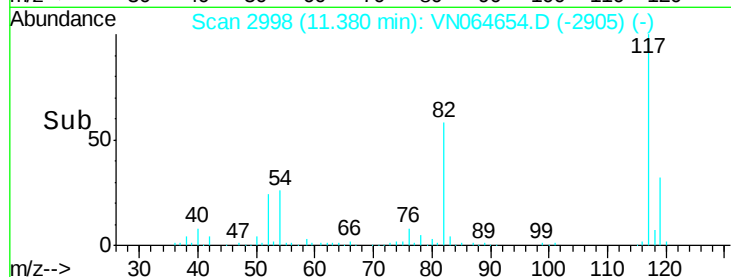
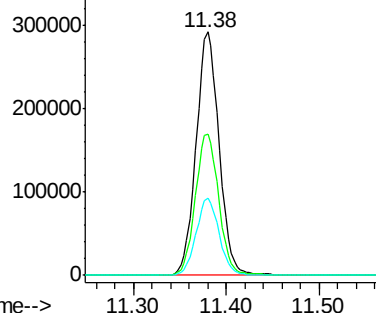
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

Tot Ion:117 Resp: 501199
Ion Ratio Lower Upper
117 100
82 57.9 48.1 72.1
119 31.5 26.2 39.4

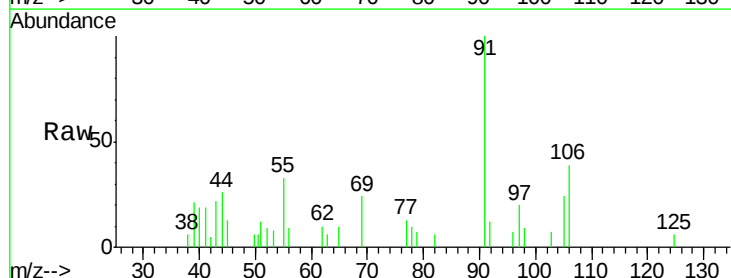


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

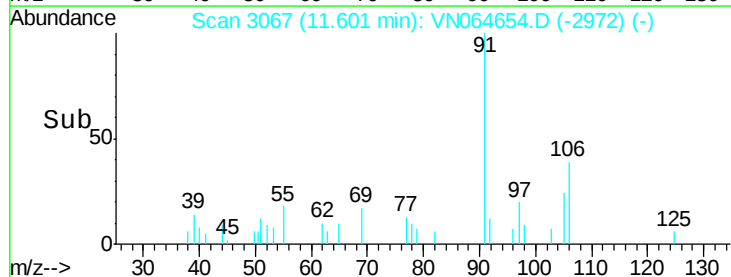
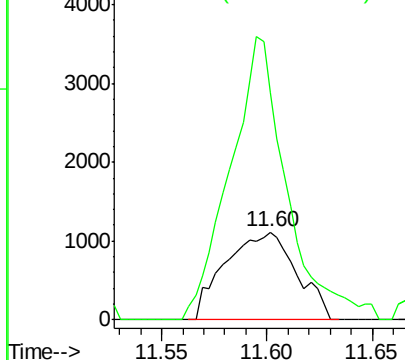


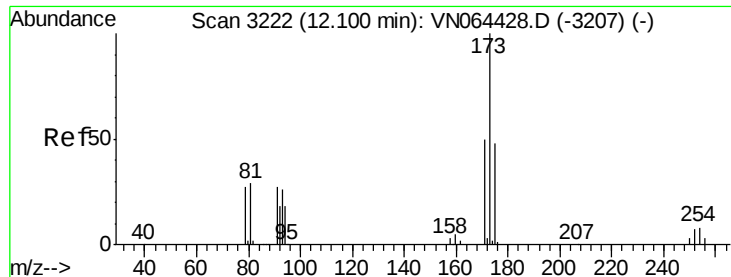
#68
m/p-Xylenes
Concen: 0.369 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion:106 Resp: 2616
Ion Ratio Lower Upper
106 100
91 257.1 169.4 254.2#



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

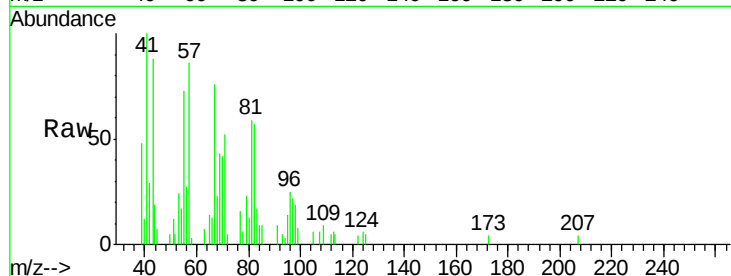




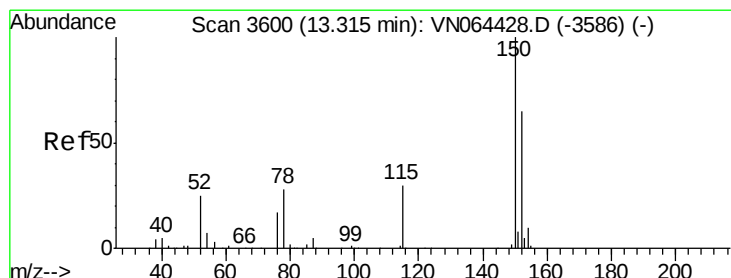
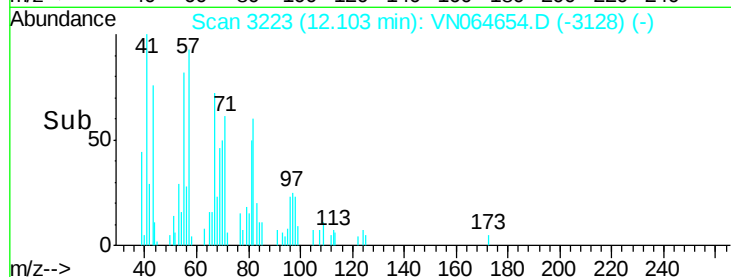
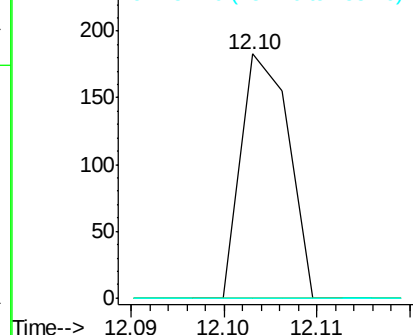
#71
Bromoform
Concen: 1.296 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

Tot Ion:173 Resp: 65
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0

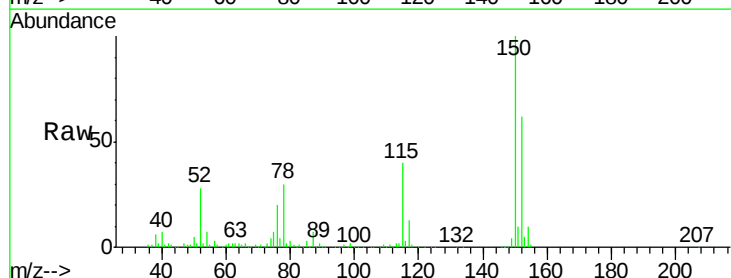


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

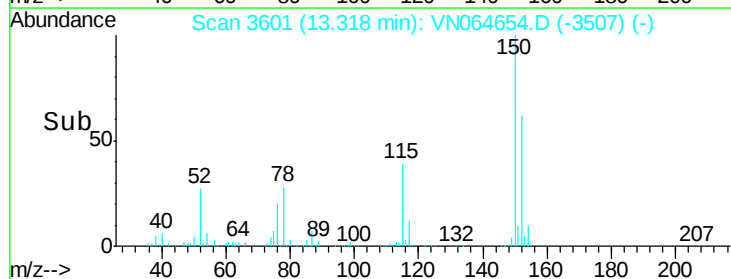
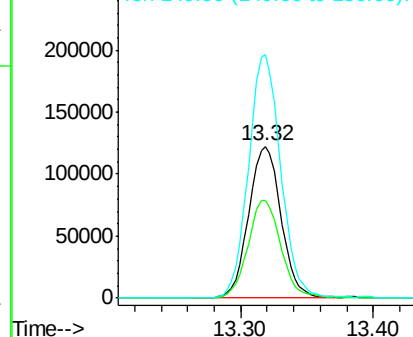


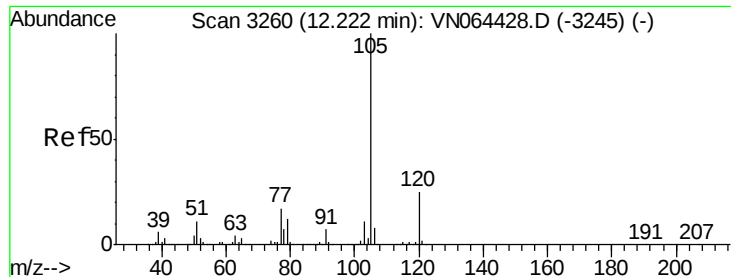
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion:152 Resp: 208587
Ion Ratio Lower Upper
152 100
115 64.4 32.0 96.0
150 159.0 0.0 353.8



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: 0.552 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

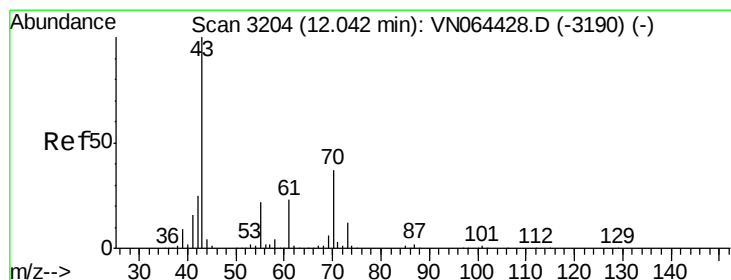
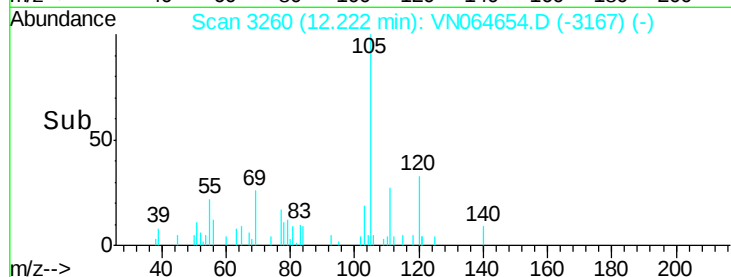
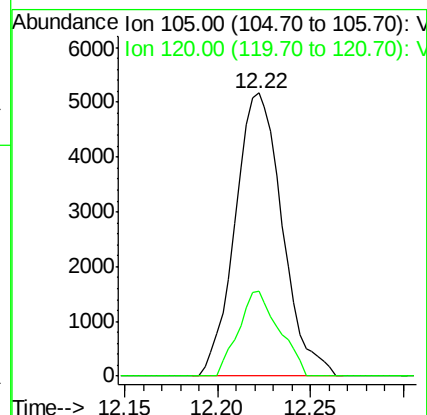
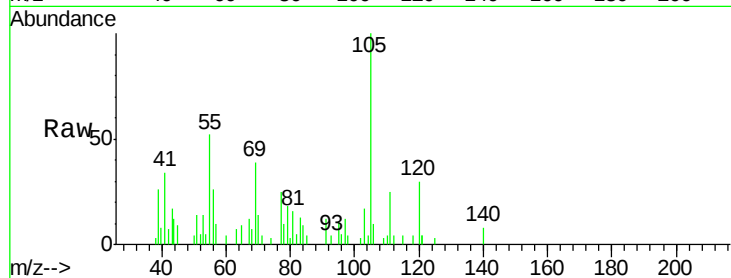
MW-3R(17-20FT)

Tot Ion: 105 Resp: 9152

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 2.809 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Tgt Ion: 43 Resp: 13138

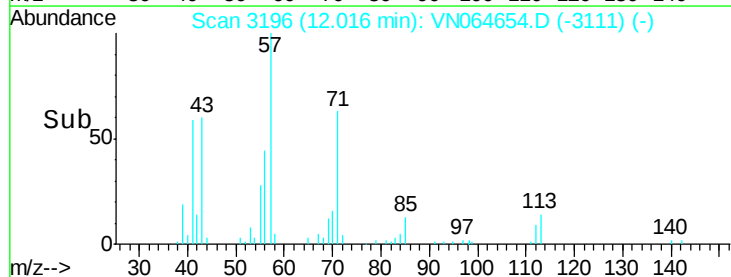
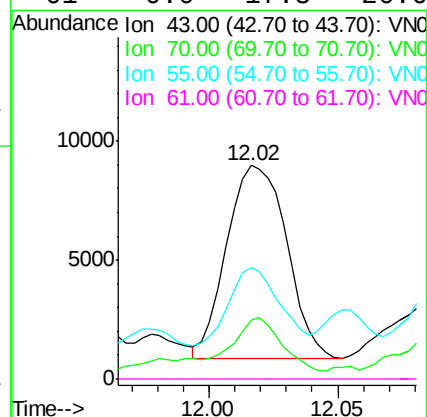
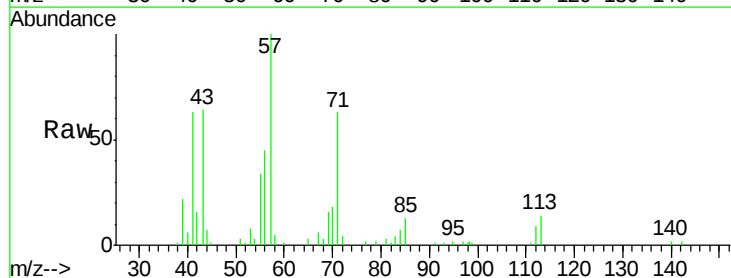
Ion Ratio Lower Upper

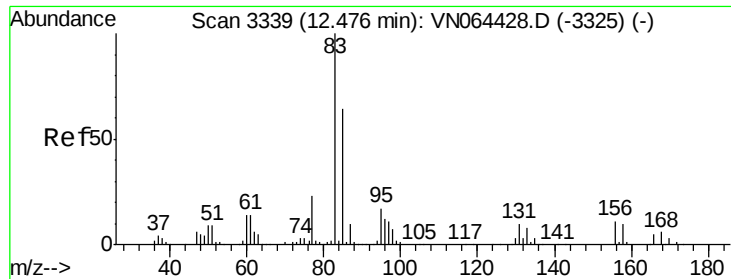
43 100

70 22.8 29.6 44.4#

55 36.8 18.4 27.6#

61 0.0 17.8 26.6#

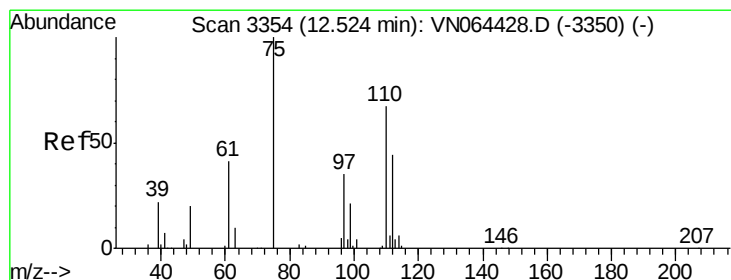
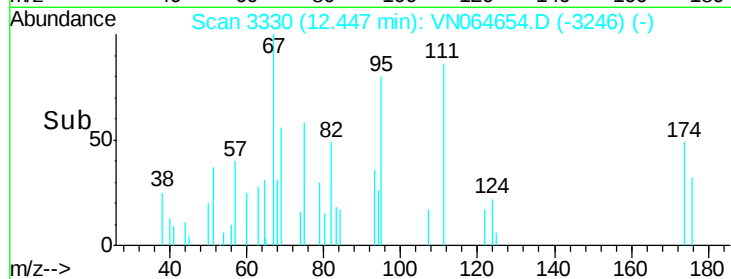
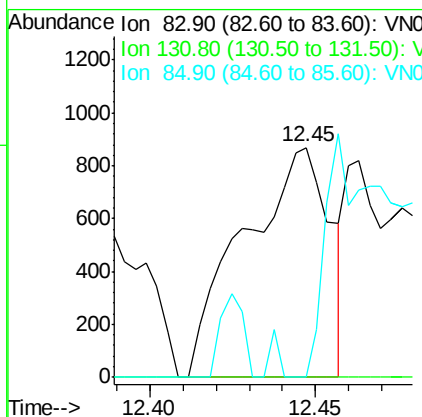
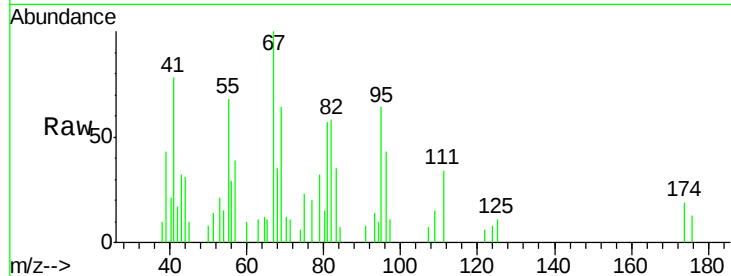




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.308 ug/l
 RT: 12.45 min Scan# 3330
 Delta R.T. -0.03 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

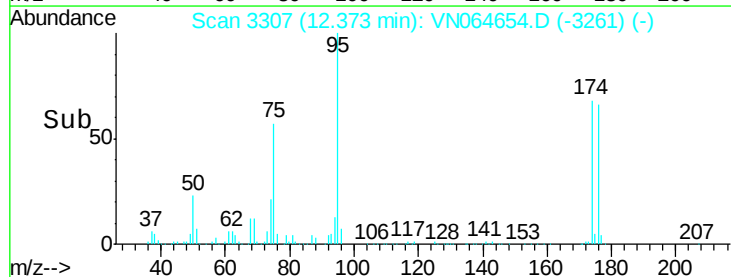
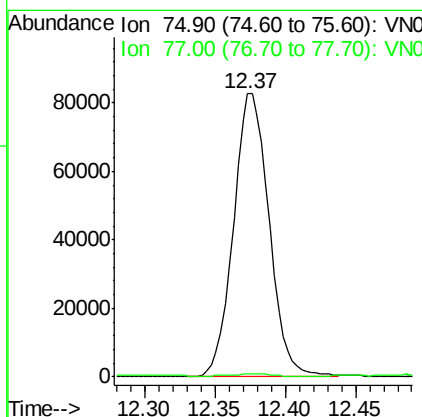
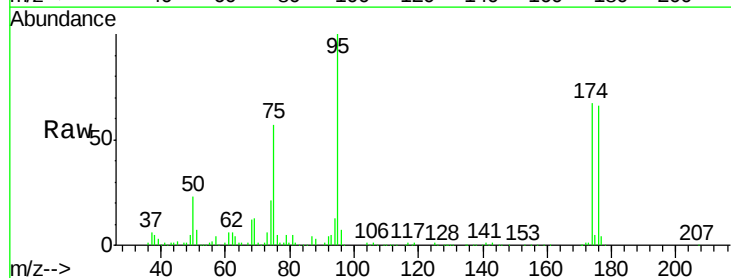
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

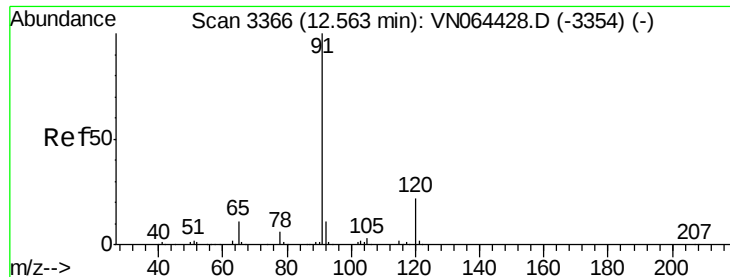
Tot Ion: 83 Resp: 1566
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.9 14.7#
 85 38.4 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 29.016 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Tgt Ion: 75 Resp: 146645
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#78

n-propylbenzene

Concen: 1.202 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

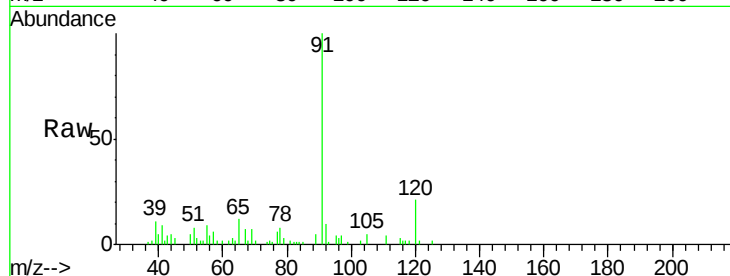
MW-3R(17-20FT)

Tot Ion: 91 Resp: 22727

Ion Ratio Lower Upper

91 100

120 20.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3354) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3354) (-)

12.57

15000

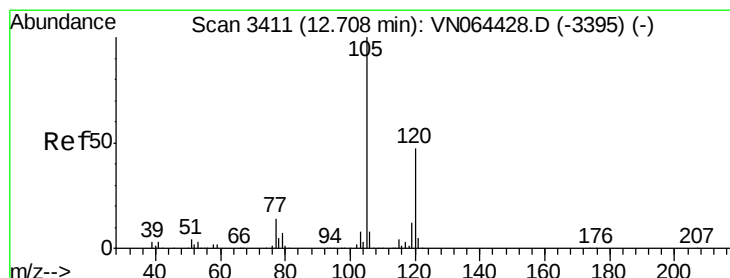
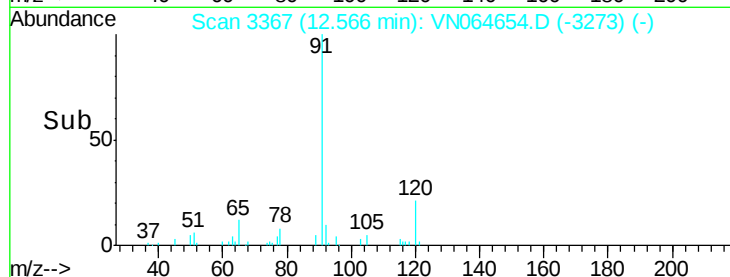
10000

5000

0

Time-->

12.50 12.55 12.60



#80

1,3,5-Trimethylbenzene

Concen: 0.967 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064654.D

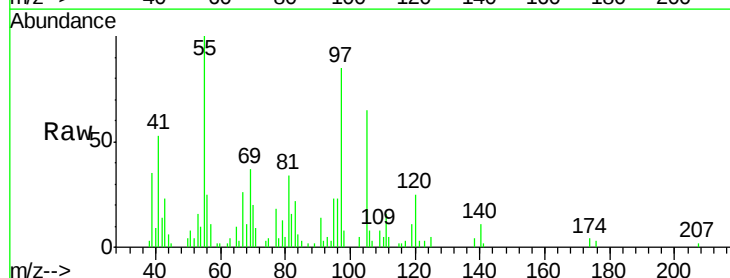
Acq: 16 Nov 2020 11:38

Tgt Ion: 105 Resp: 13232

Ion Ratio Lower Upper

105 100

120 41.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)

12.70

8000

6000

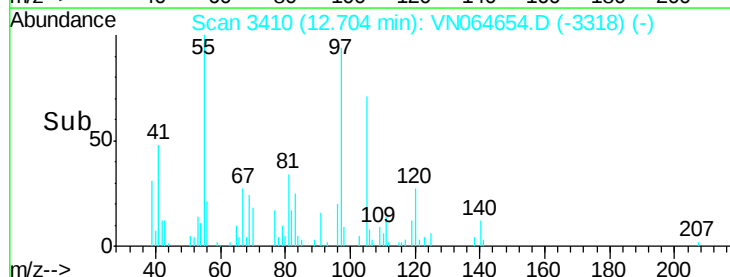
4000

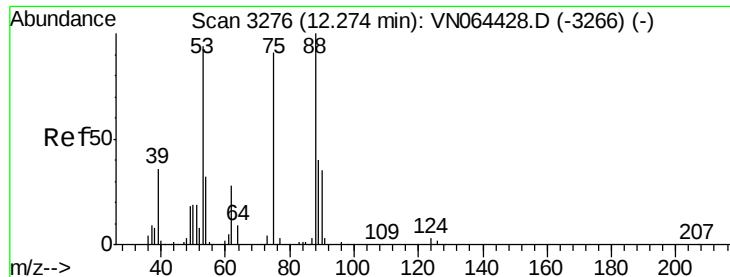
2000

0

Time-->

12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 81.017 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

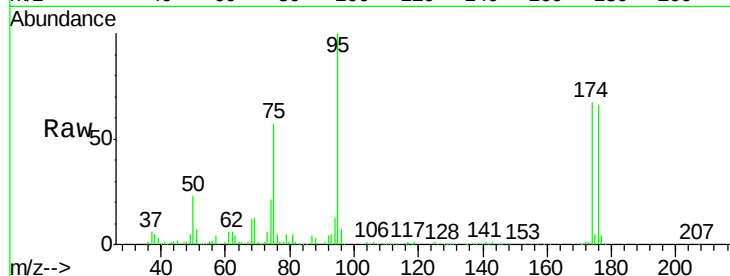
Tot Ion: 75 Resp: 146645

Ion Ratio Lower Upper

75 100

53 0.4 84.0 126.0#

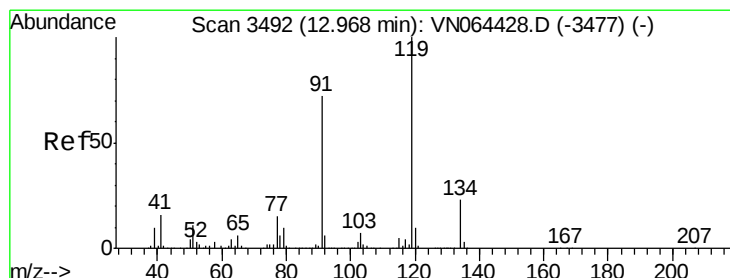
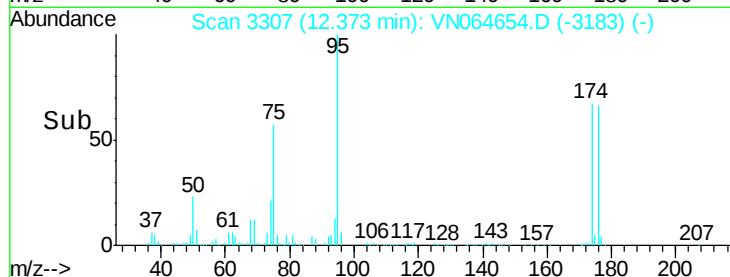
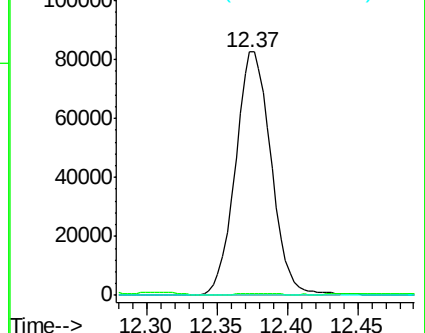
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064428.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064428.D (-3266) (-)



#83

tert-Butylbenzene

Concen: 0.260 ug/l

RT: 12.96 min Scan# 3490

Delta R.T. -0.01 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

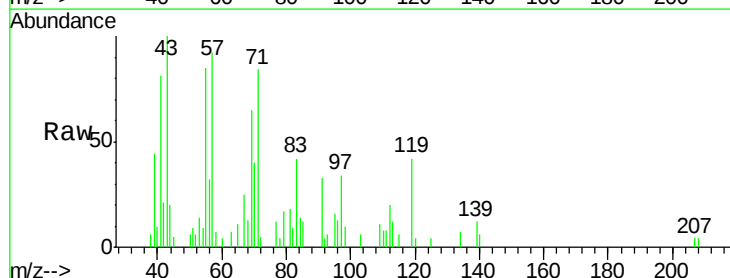
Tgt Ion: 119 Resp: 2775

Ion Ratio Lower Upper

119 100

91 64.4 36.1 108.3

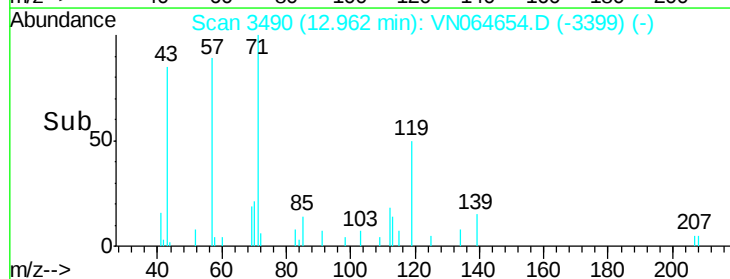
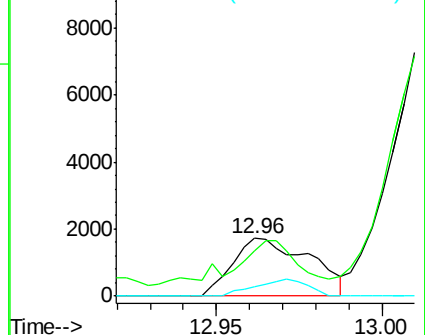
134 20.0 11.7 35.1

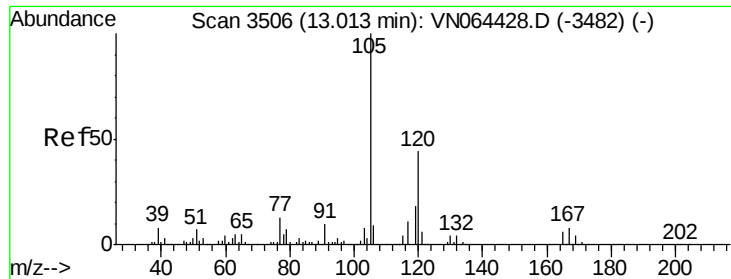


Abundance Ion 119.00 (118.70 to 119.70): VN064428.D (-3477) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-3477) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3477) (-)





#84

1,2,4-Trimethylbenzene

Concen: 6.723 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

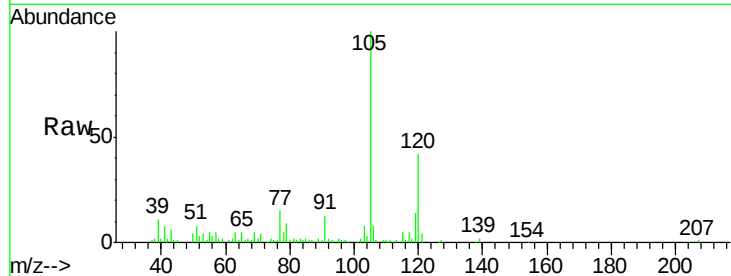
MW-3R(17-20FT)

Tot Ion:105 Resp: 92438

Ion Ratio Lower Upper

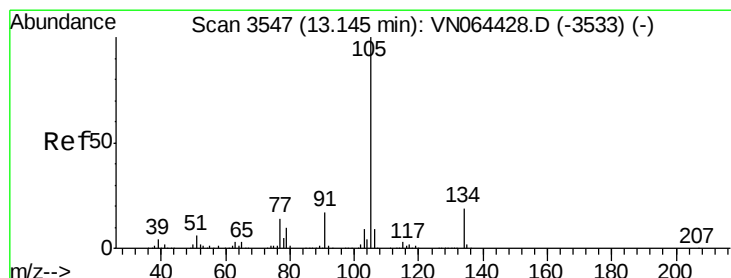
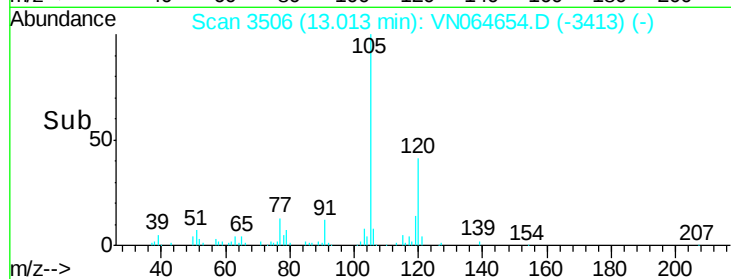
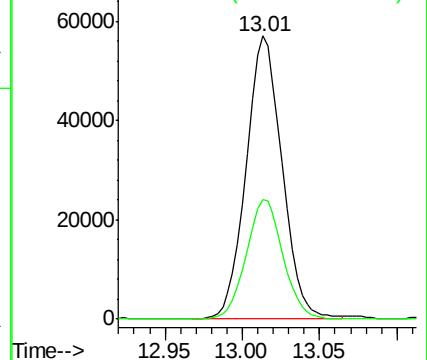
105 100

120 42.9 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.162 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064654.D

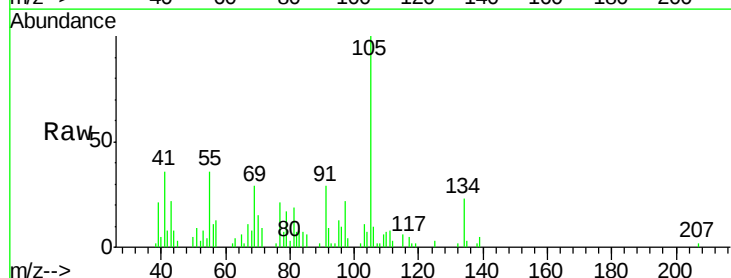
Acq: 16 Nov 2020 11:38

Tgt Ion:105 Resp: 15721

Ion Ratio Lower Upper

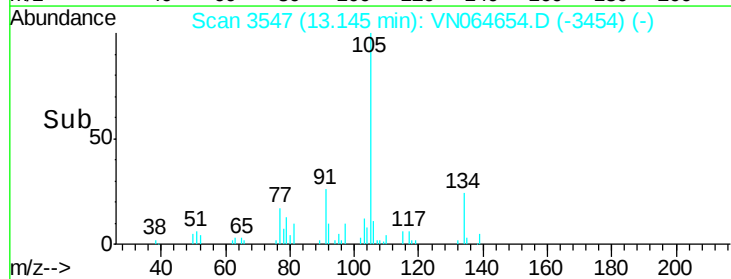
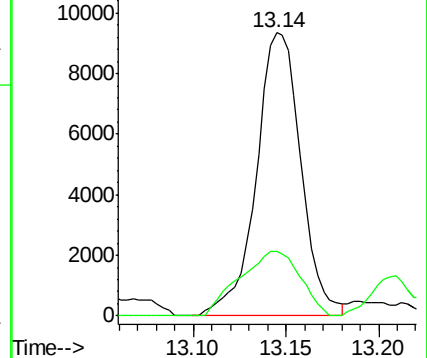
105 100

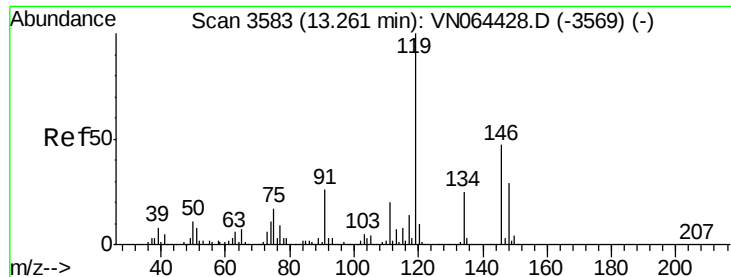
134 30.9 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

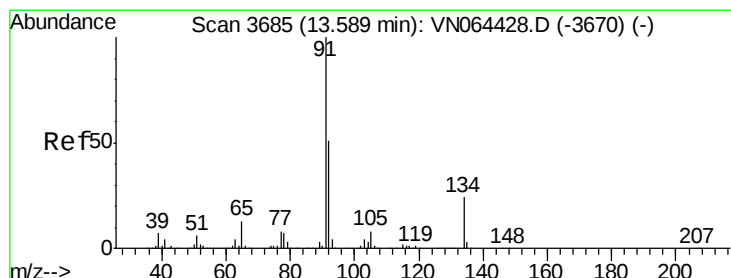
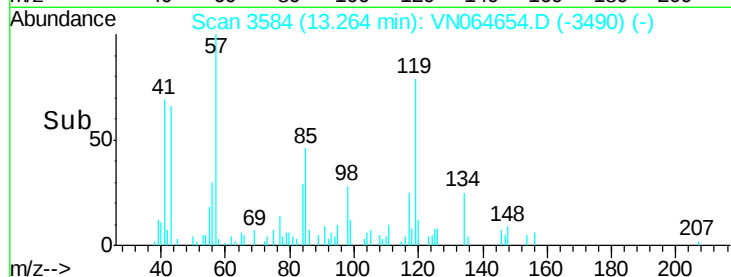
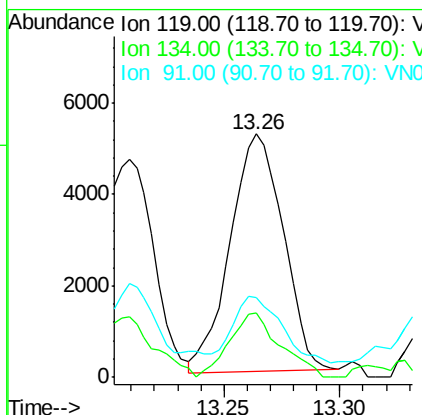
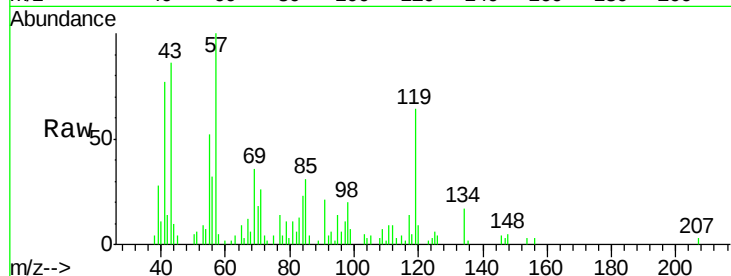




#86
p-Isopropyltoluene
Concen: 0.680 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

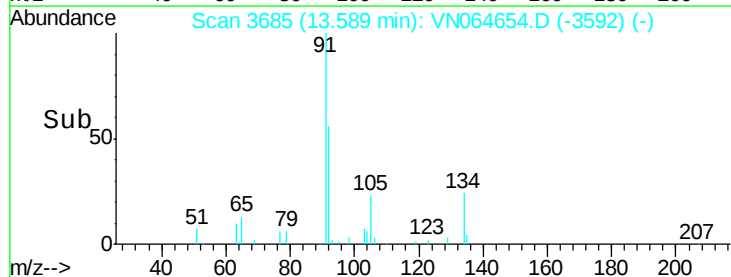
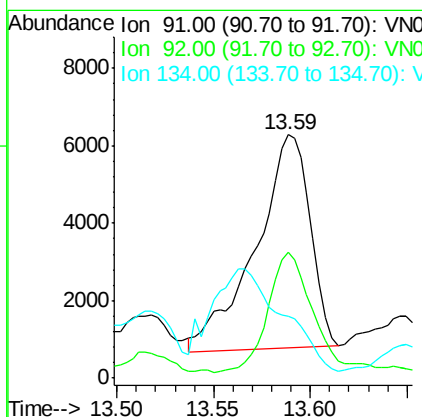
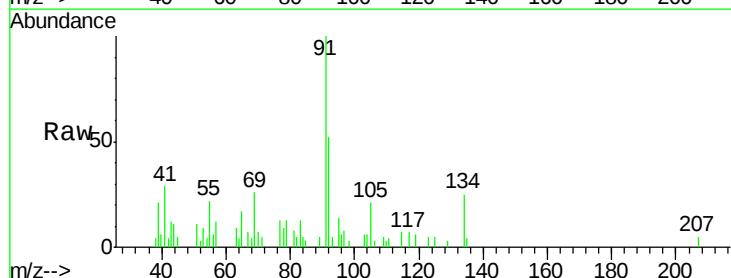
Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

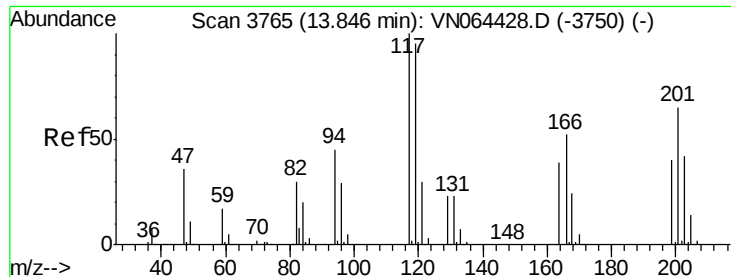
Tot Ion: 119 Resp: 8269
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.6
91 24.7 12.8 38.3



#89
n-Butylbenzene
Concen: 1.036 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion: 91 Resp: 10842
Ion Ratio Lower Upper
91 100
92 44.7 25.3 75.9
134 0.0 11.8 35.4#

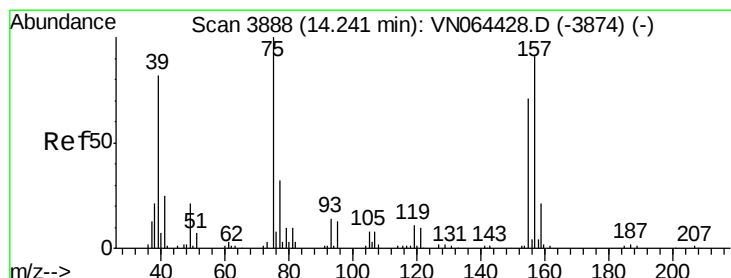
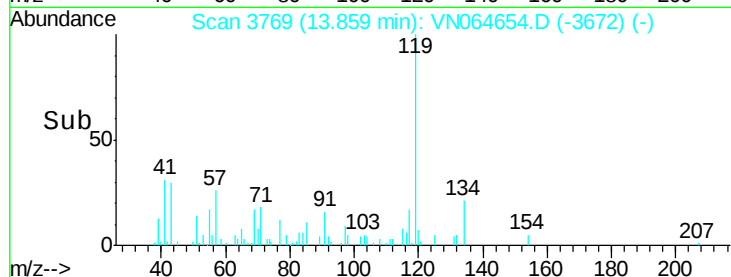
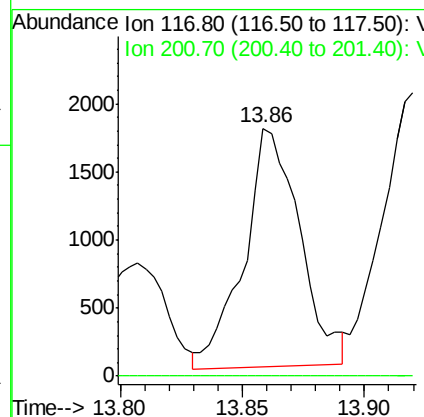
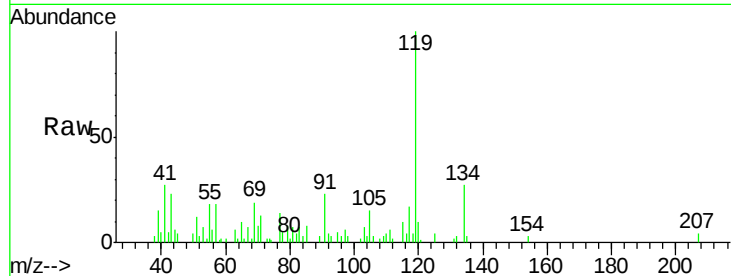




#90
Hexachloroethane
Concen: 1.183 ug/l
RT: 13.86 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

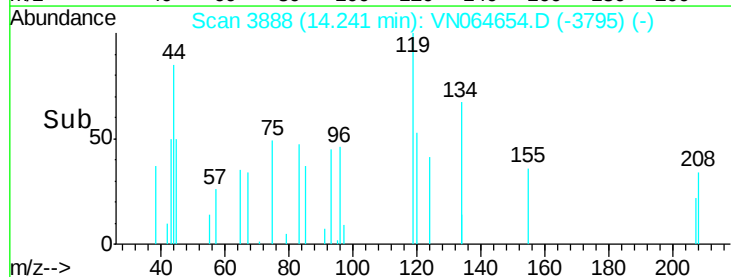
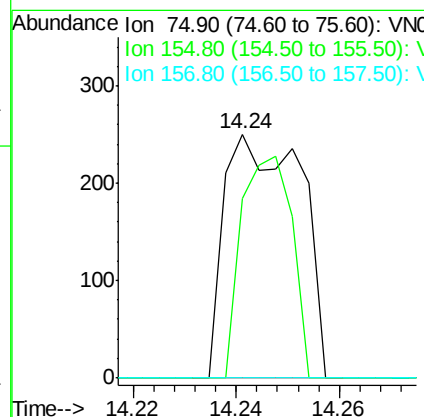
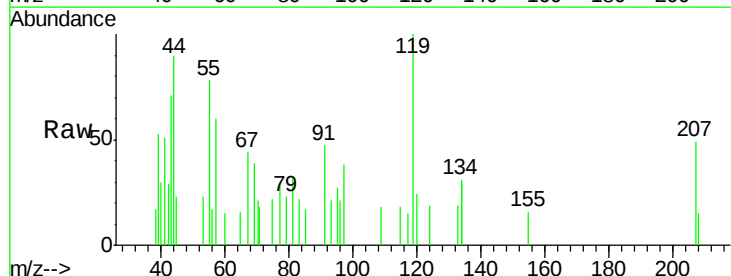
Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

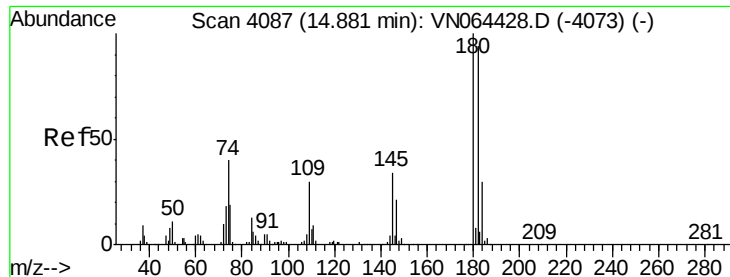
Tot Ion:117 Resp: 2776
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.252 ug/l
RT: 14.24 min Scan# 3888
Delta R.T. -0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion: 75 Resp: 255
Ion Ratio Lower Upper
75 100
155 60.4 34.6 103.9
157 0.0 43.0 128.8#

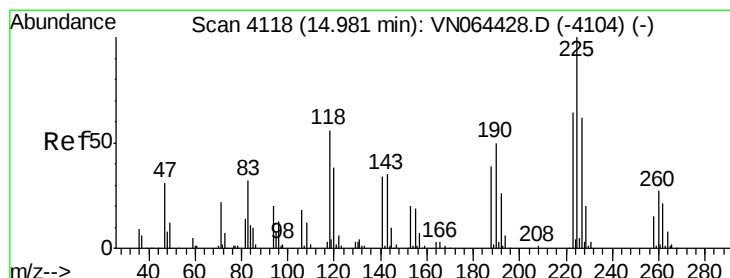
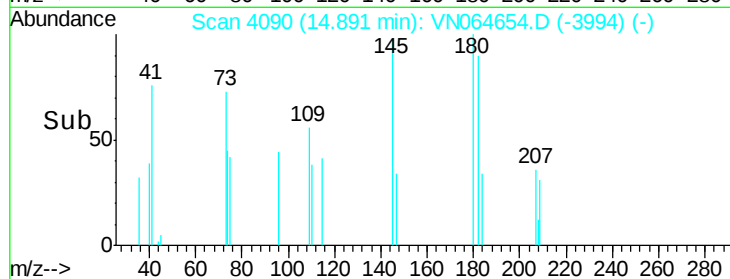
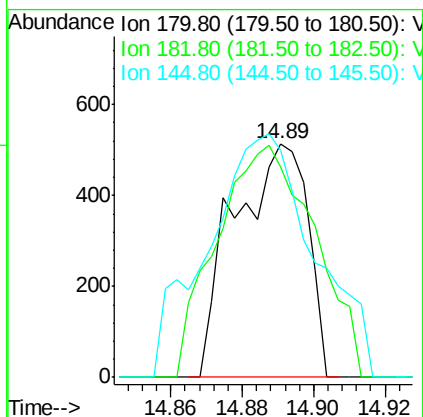
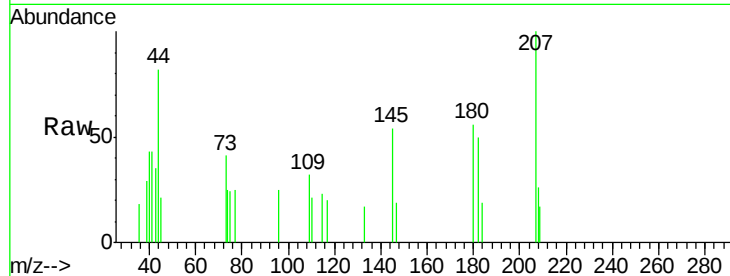




#93
 1,2,4-Trichlorobenzene
 Concen: 2.870 ug/l
 RT: 14.89 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

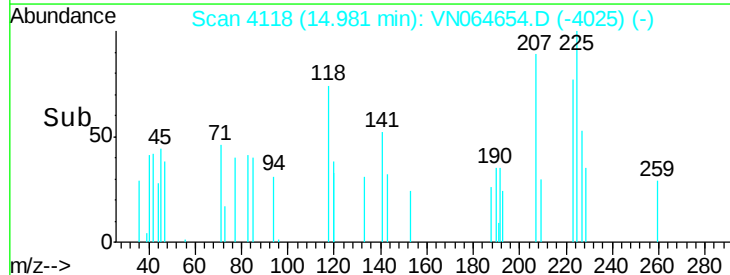
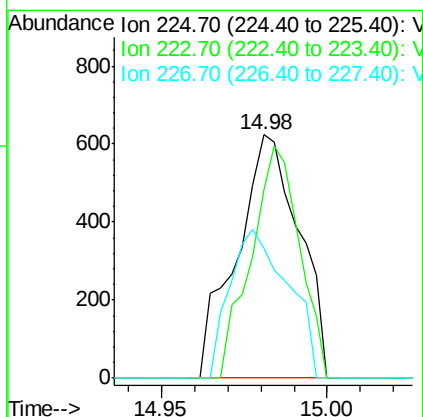
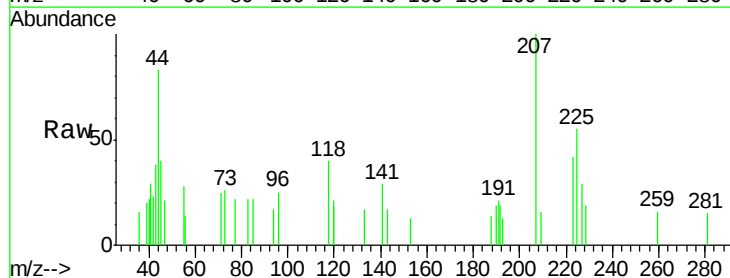
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

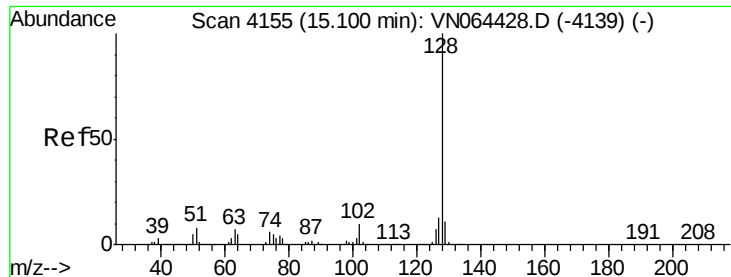
Tot Ion:180 Resp: 729
 Ion Ratio Lower Upper
 180 100
 182 132.8 47.3 142.0
 145 151.4 16.7 50.1#



#94
 Hexachlorobutadiene
 Concen: 0.598 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Tgt Ion:225 Resp: 819
 Ion Ratio Lower Upper
 225 100
 223 73.9 31.8 95.4
 227 56.8 31.8 95.4





#95

Naphthalene

Concen: 3.889 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

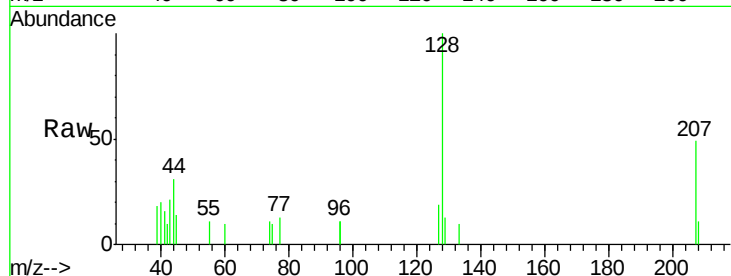
Tot Ion:128 Resp: 3287

Ion Ratio Lower Upper

128 100

127 9.0 10.5 15.7#

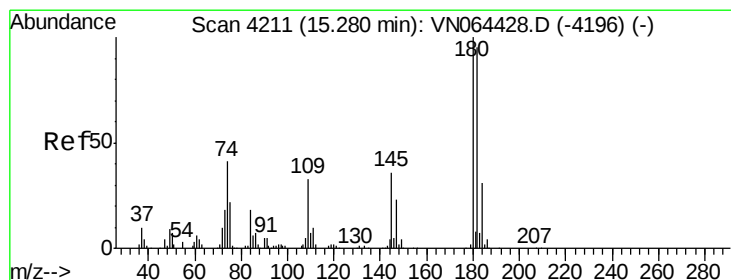
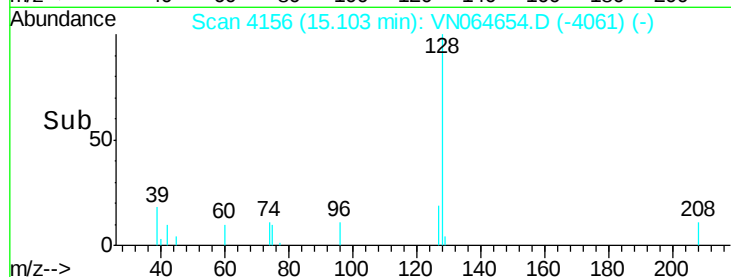
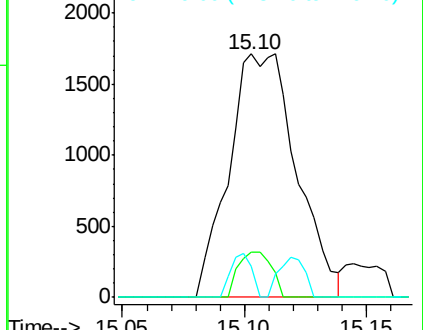
129 5.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.081 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

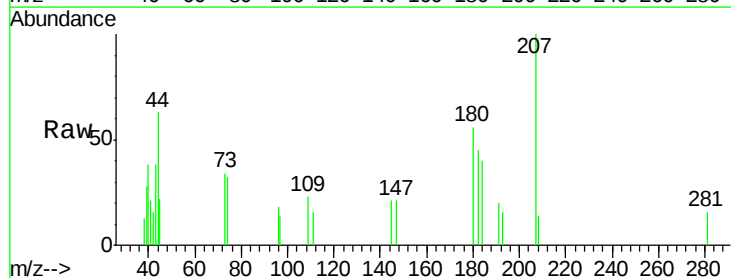
Tgt Ion:180 Resp: 1049

Ion Ratio Lower Upper

180 100

182 0.0 47.7 143.1#

145 18.6 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

