

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064665.D
 Acq On : 16 Nov 2020 17:12
 Operator : JC/MD
 Sample : L4772-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Nov 17 03:48:03 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	221229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	502798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276176	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	214547	55.68	ug/l	0.00
Spiked Amount			Recovery	=	111.36%	
35) Dibromofluoromethane	7.55	113	160811	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
50) Toluene-d8	10.06	98	588210	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	271298	61.52	ug/l	0.00
Spiked Amount			Recovery	=	123.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	4806	1.374	ug/l	93
11) Tert butyl alcohol	4.75	59	11314	26.624	ug/l #	85
13) Acrolein	3.69	56	67	0.254	ug/l #	15
16) Acetone	3.78	43	12736	8.677	ug/l	98
18) Methyl Acetate	4.28	43	833	0.289	ug/l #	55
20) Methylene Chloride	4.51	84	2752	0.945	ug/l #	73
27) cis-1,2-Dichloroethene	6.79	96	1244	0.400	ug/l	63
30) Chloroform	7.33	83	3151	0.555	ug/l	95
31) Cyclohexane	7.62	56	8276	1.767	ug/l #	36
36) 1,1-Dichloropropene	7.62	75	22319	4.768	ug/l #	48
37) Ethyl Acetate	6.85	43	70	0.777	ug/l #	71
38) Carbon Tetrachloride	7.63	117	24584	4.914	ug/l #	17
39) Methylcyclohexane	9.05	83	7492	1.785	ug/l	88
40) Benzene	8.00	78	6540	0.475	ug/l	98
44) Trichloroethene	8.80	130	1409	0.406	ug/l	54
51) 4-Methyl-2-Pentanone	9.89	43	1497	0.338	ug/l #	39
55) 1,1,2-Trichloroethane	10.50	97	6039	1.846	ug/l #	20
56) Ethyl methacrylate	10.41	69	3817	2.524	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.55	63	30	21.549	ug/l #	51
59) 2-Hexanone	10.77	43	484	4.160	ug/l	76
60) Dibromochloromethane	10.60	129	1946	0.531	ug/l #	10
64) Tetrachloroethene	10.60	164	1903	0.491	ug/l #	68
67) Ethyl Benzene	11.48	91	762500	38.891	ug/l	100
68) m/p-Xylenes	11.59	106	38242	5.378	ug/l	99
69) o-Xylene	11.92	106	80399	11.701	ug/l	95
70) Styrene	11.92	104	4753	0.411	ug/l #	1
73) Isopropylbenzene	12.22	105	2368009	107.875	ug/l	100
74) N-amyl acetate	12.02	43	47963	5.610	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.44	83	3260	0.484	ug/l #	25
76) 1,2,3-Trichloropropane	12.57	75	35906	5.366	ug/l #	100
78) n-propylbenzene	12.57	91	4982301	199.084	ug/l	97
79) 2-Chlorotoluene	12.57	91	4982301	313.891	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.71	105	237300	13.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.22	75	32354	13.500	ug/l #	65

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064665.D
 Acq On : 16 Nov 2020 17:12
 Operator : JC/MD
 Sample : L4772-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Nov 17 03:48:03 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

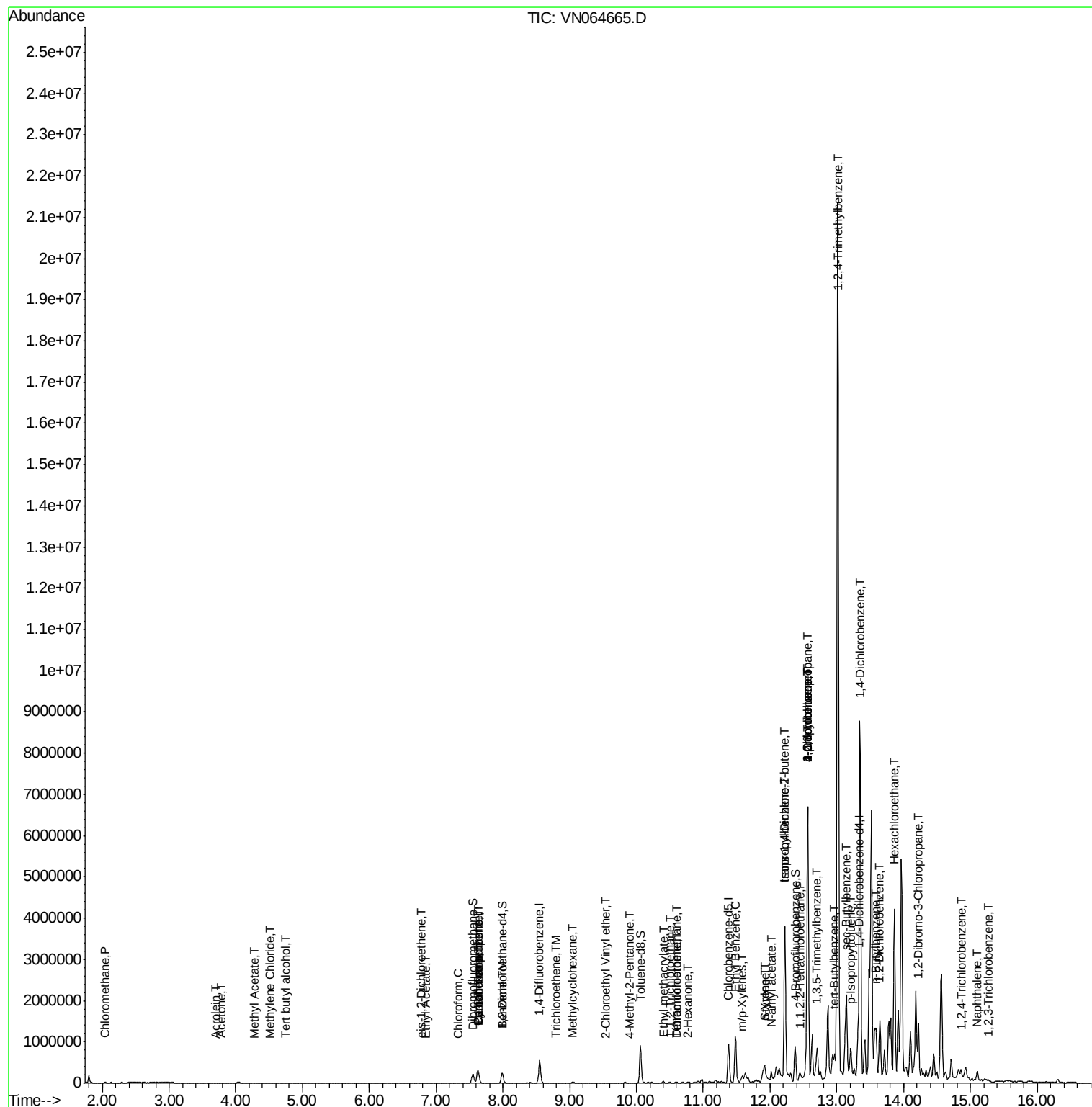
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.57	91	4982301	299.727	ug/l #	44
83) tert-Butylbenzene	12.97	119	256100	18.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	8933975	490.749	ug/l	68
85) sec-Butylbenzene	13.15	105	1208767	67.482	ug/l #	78
86) p-Isopropyltoluene	13.21	119	257283	15.969	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	4202	0.439	ug/l #	1
89) n-Butylbenzene	13.59	91	692454	49.986	ug/l #	80
90) Hexachloroethane	13.86	117	204467	65.786	ug/l #	18
91) 1,2-Dichlorobenzene	13.63	146	2297	0.258	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.22	75	5335	3.974	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.88	180	65	2.678	ug/l #	1
95) Naphthalene	15.10	128	197984	15.746	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	132	2.804	ug/l #	1

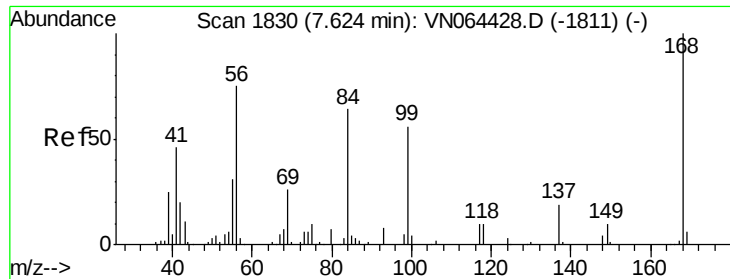
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
Data File : VN064665.D
Acq On : 16 Nov 2020 17:12
Operator : JC/MD
Sample : L4772-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Quant Time: Nov 17 03:48:03 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

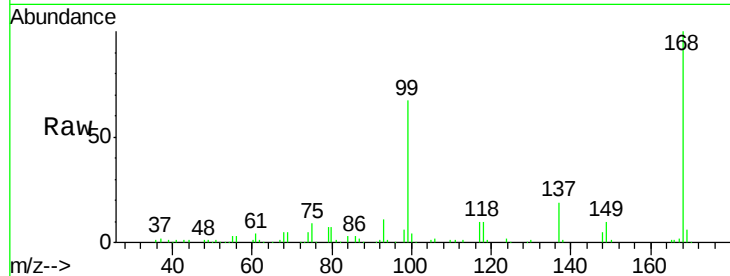
MW-5

Tot Ion:168 Resp: 221229

Ion Ratio Lower Upper

168 100

99 66.7 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

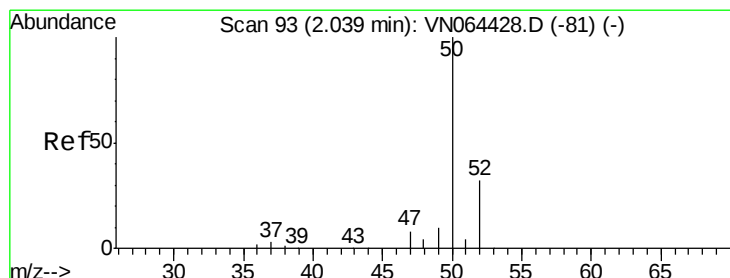
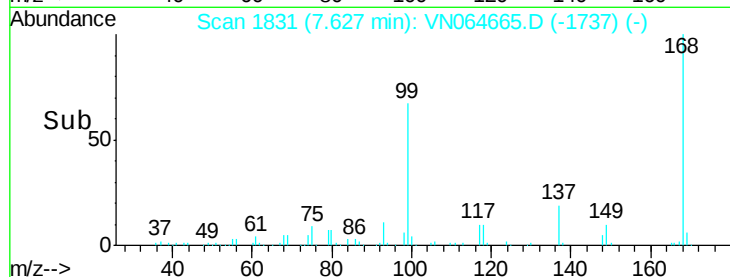
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 1.374 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064665.D

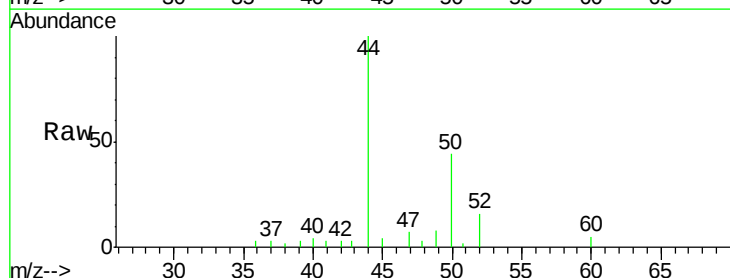
Acq: 16 Nov 2020 17:12

Tgt Ion: 50 Resp: 4806

Ion Ratio Lower Upper

50 100

52 35.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

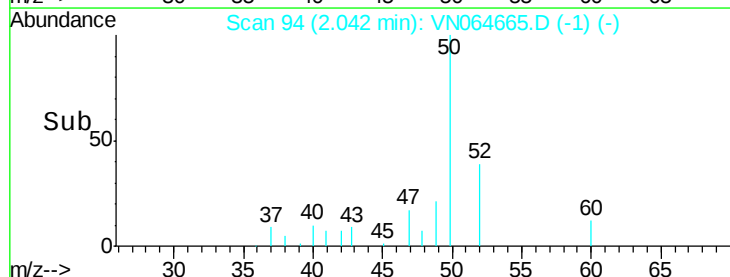
3000

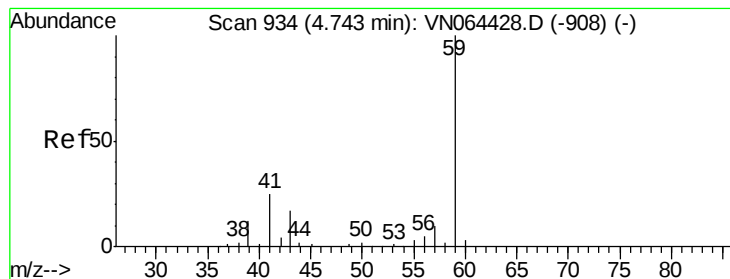
2000

1000

0

Time--> 2.00 2.05



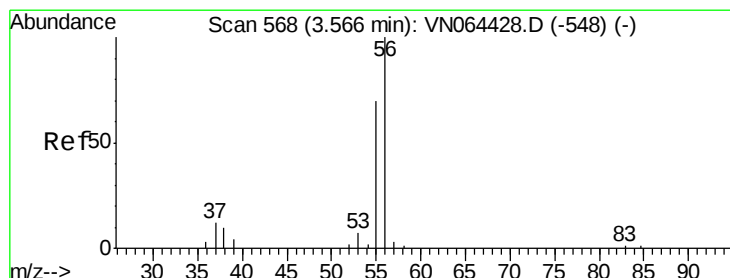
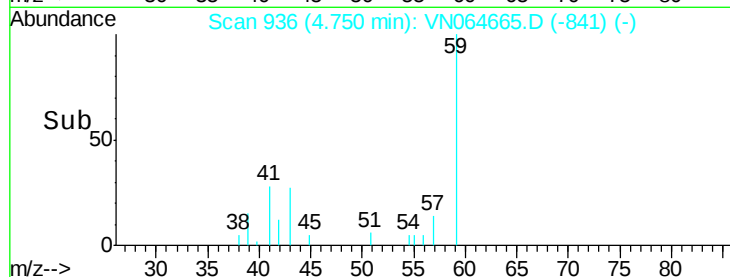
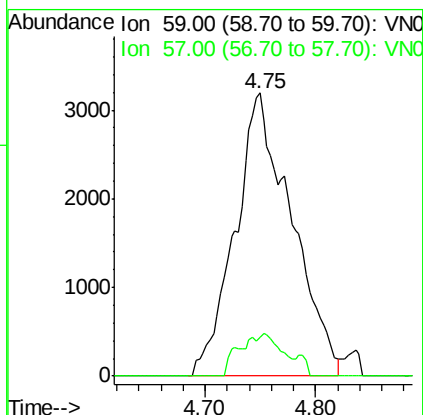
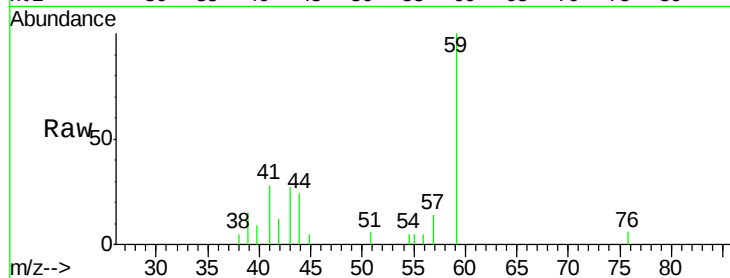


#11

Tert butyl alcohol
 Concen: 26.624 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

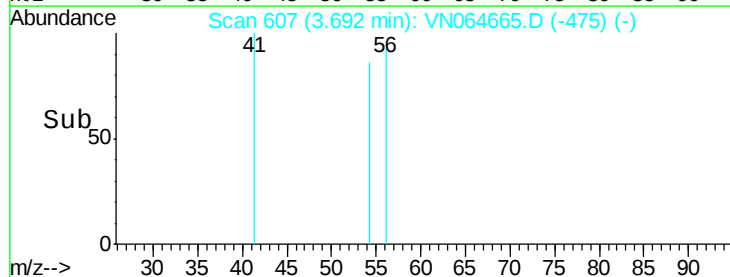
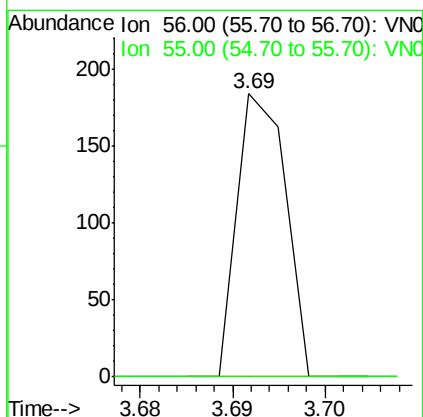
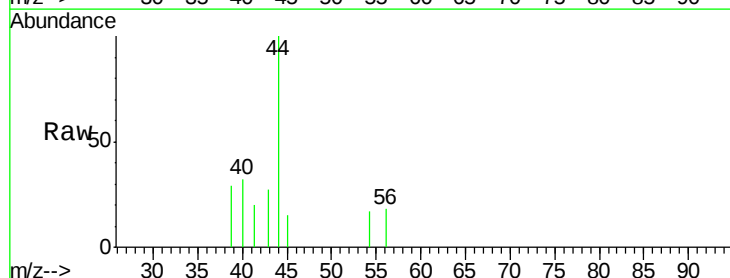
Tot Ion: 59 Resp: 11314
 Ion Ratio Lower Upper
 59 100
 57 5.7 9.0 13.4#

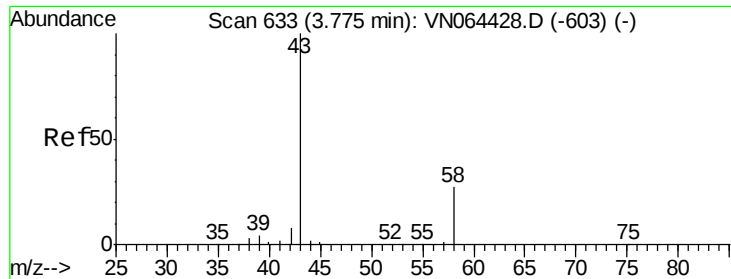


#13

Acrolein
 Concen: 0.254 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.13 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion: 56 Resp: 67
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.9 83.9#





#16

Acetone

Concen: 8.677 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

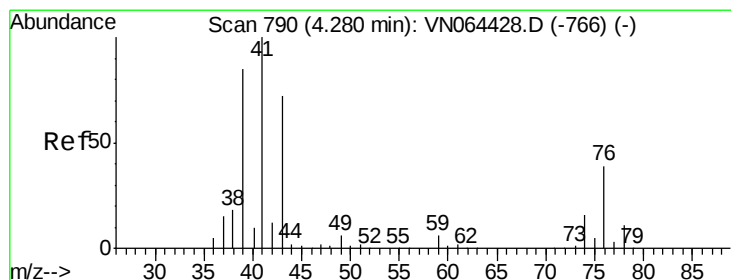
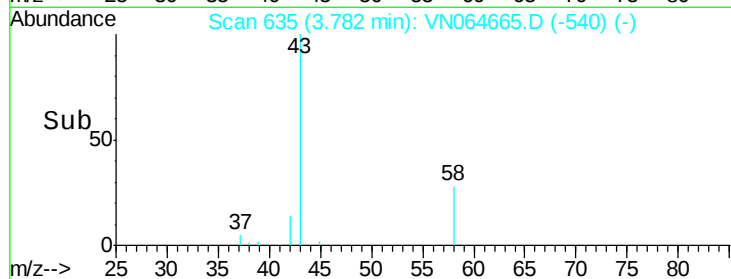
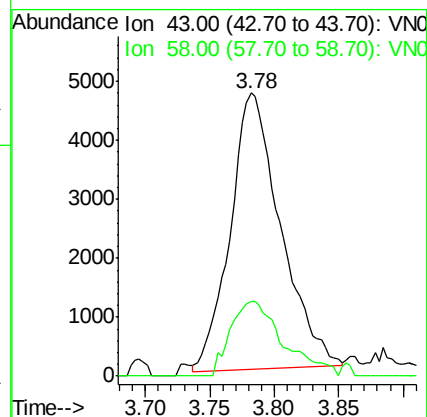
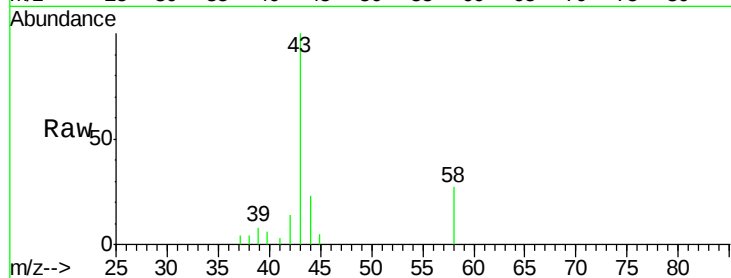
MW-5

Tot Ion: 43 Resp: 12736

Ion Ratio Lower Upper

43 100

58 27.6 21.4 32.0



#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064665.D

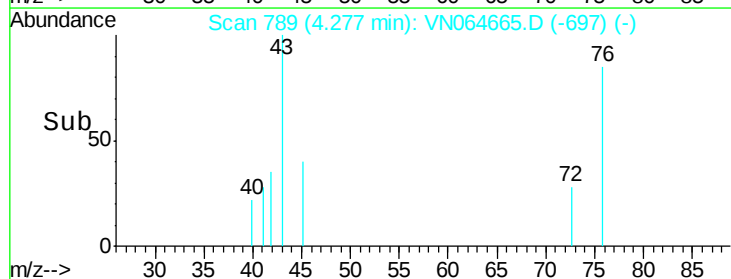
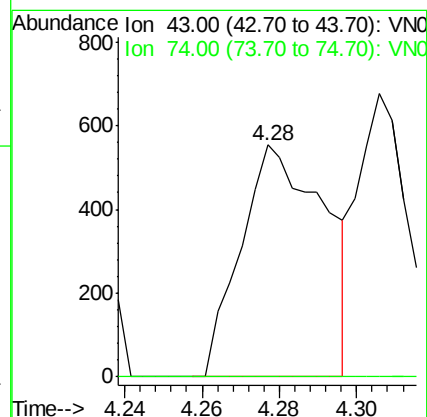
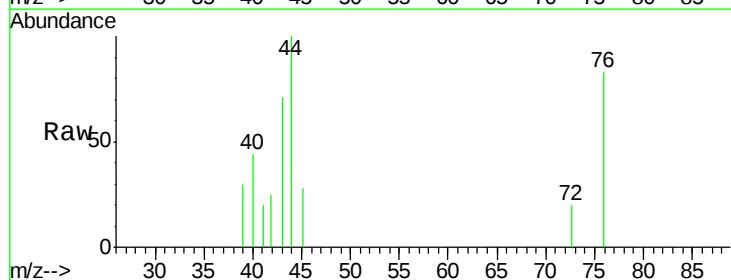
Acq: 16 Nov 2020 17:12

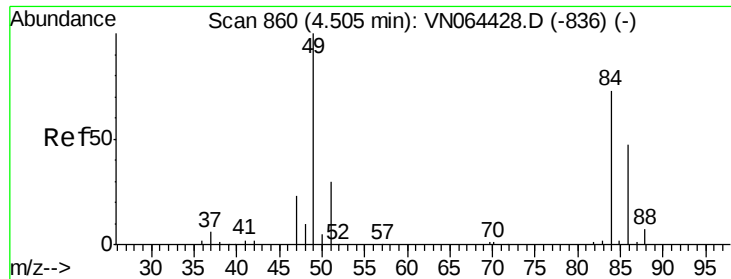
Tgt Ion: 43 Resp: 833

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#

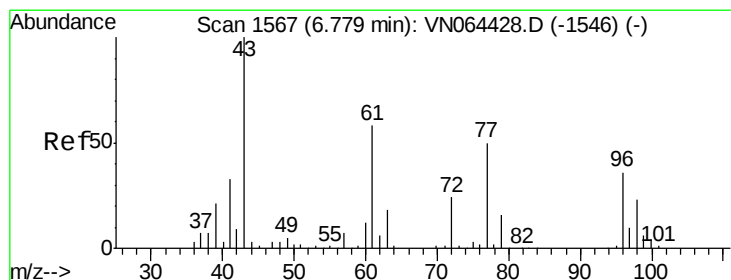
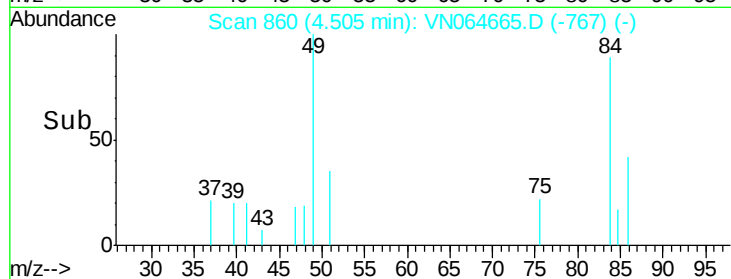
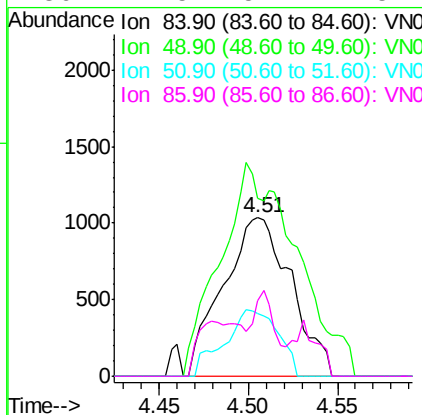
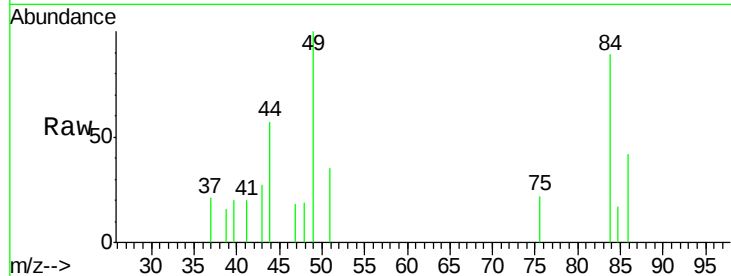




#20
Methvlene Chloride
Concen: 0.945 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

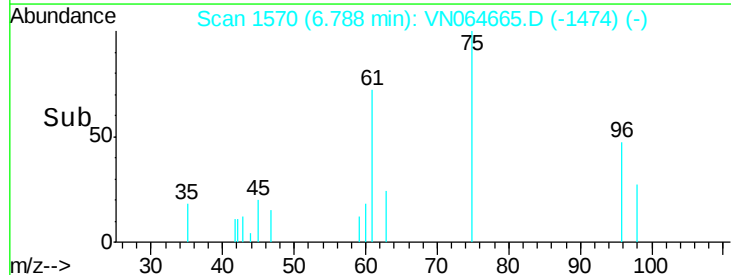
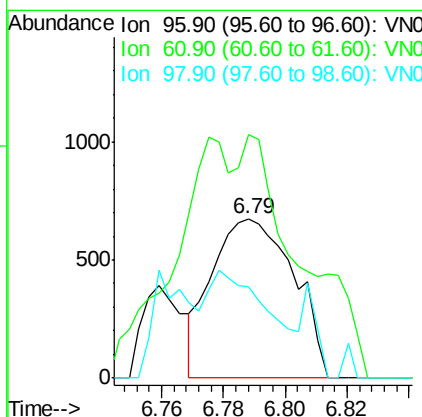
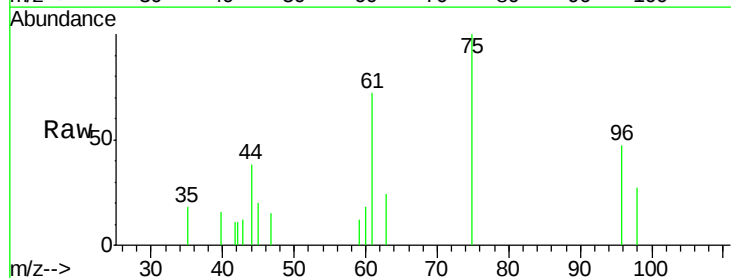
Instrument :
MSVOA_N
ClientSampled :
MW-5

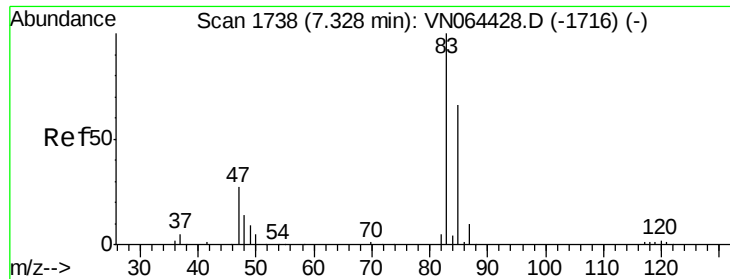
Tot Ion: 84 Resp: 2752
Ion Ratio Lower Upper
84 100
49 94.7 110.1 165.1#
51 39.3 33.6 50.4
86 47.5 52.1 78.1#



#27
cis-1,2-Dichloroethene
Concen: 0.400 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion: 96 Resp: 1244
Ion Ratio Lower Upper
96 100
61 104.7 0.0 329.6
98 50.9 0.0 131.2





#30

Chloroform

Concen: 0.555 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

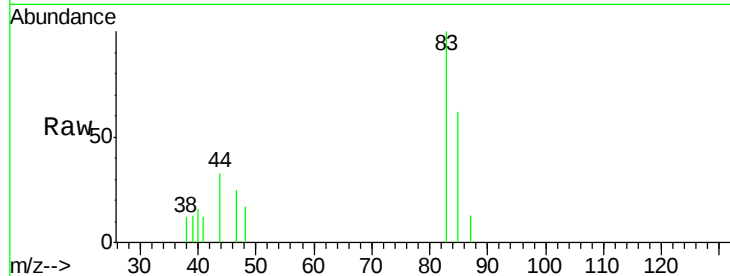
MW-5

Tot Ion: 83 Resp: 3151

Ion Ratio Lower Upper

83 100

85 62.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.33

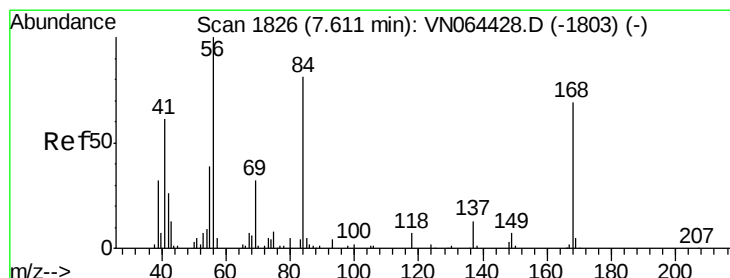
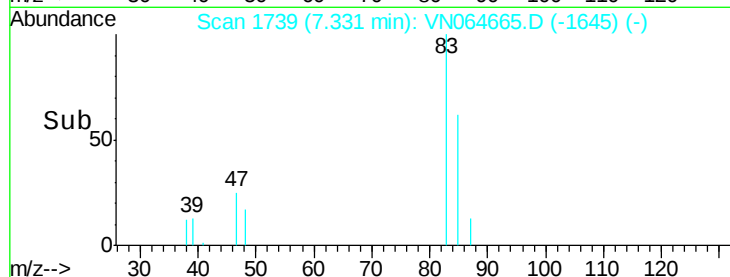
1500

1000

500

0

Time--> 7.25 7.30 7.35 7.40



#31

Cyclohexane

Concen: 1.767 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

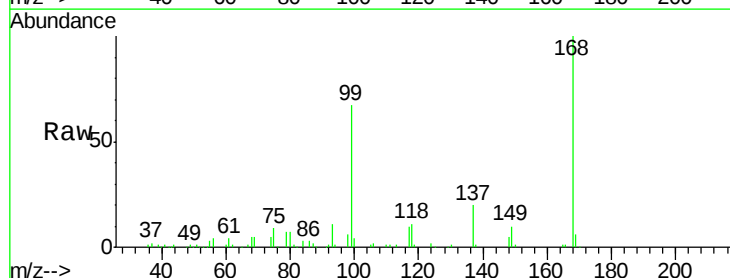
Tgt Ion: 56 Resp: 8276

Ion Ratio Lower Upper

56 100

69 142.9 25.6 38.4#

84 86.6 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

7.62

6000

5000

4000

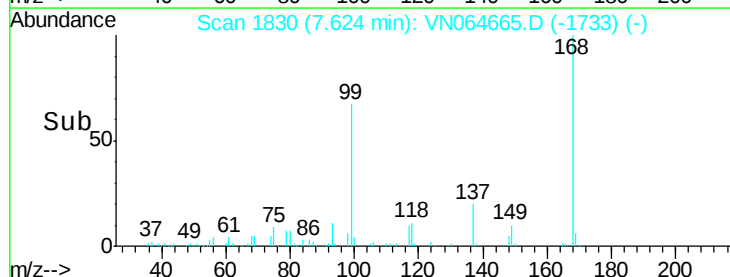
3000

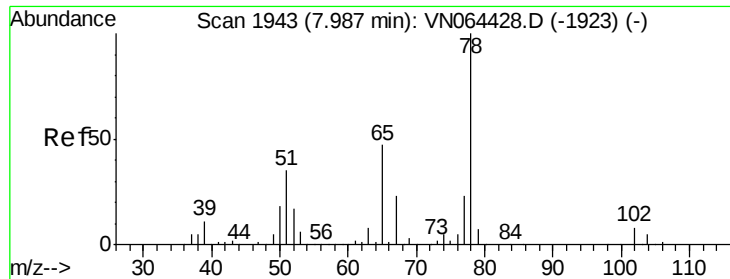
2000

1000

0

Time--> 7.55 7.60 7.65 7.70

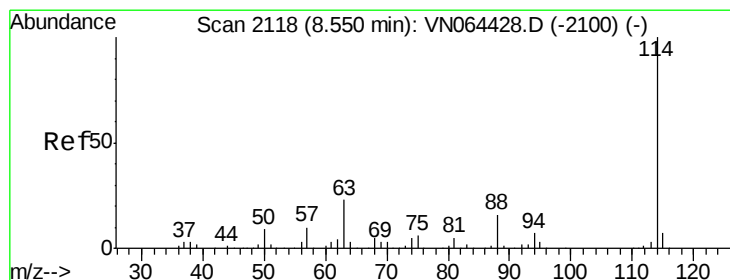
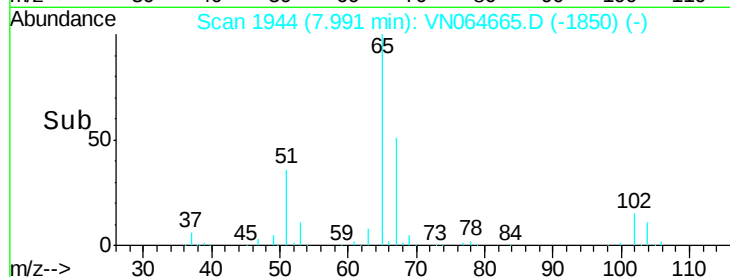
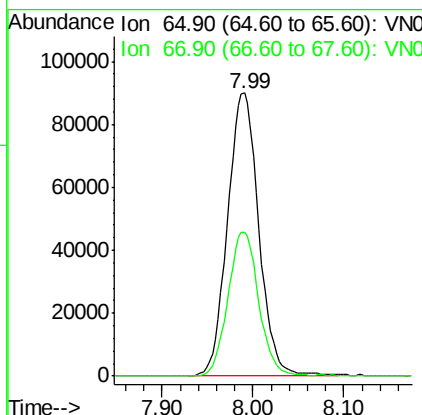
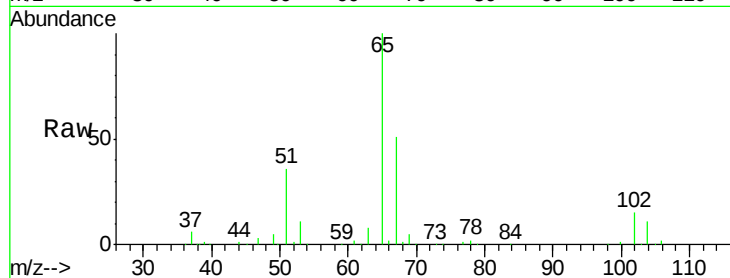




#33
 1,2-Dichloroethane-d4
 Concen: 55.676 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

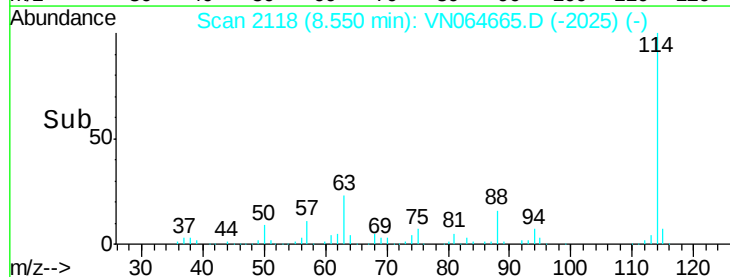
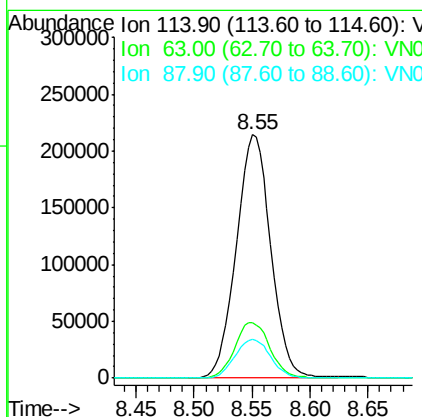
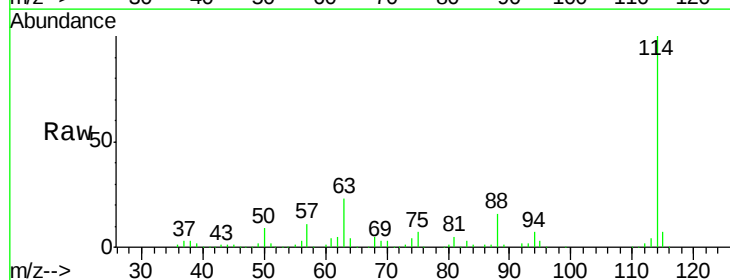
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

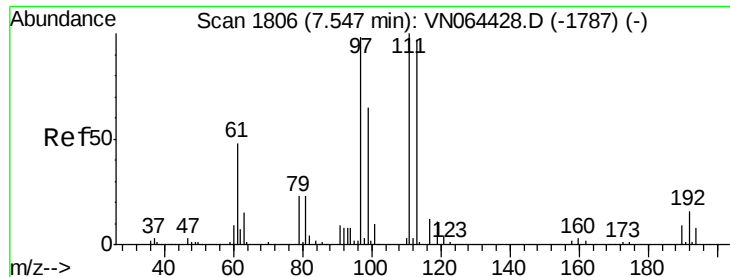
Tot Ion: 65 Resp: 214547
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion: 114 Resp: 443141
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.6
 88 15.9 0.0 32.8

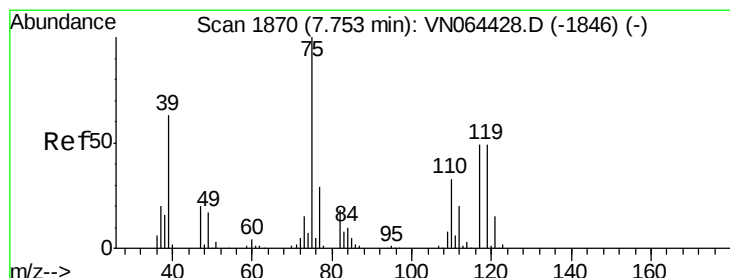
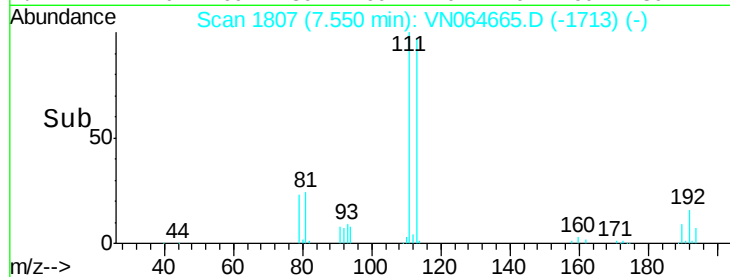
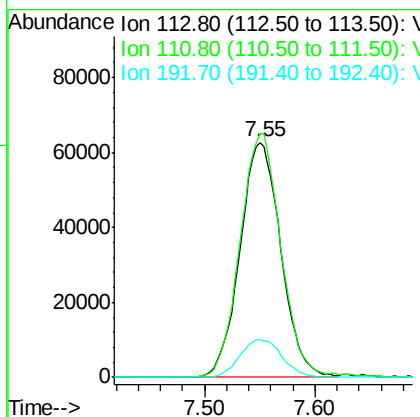
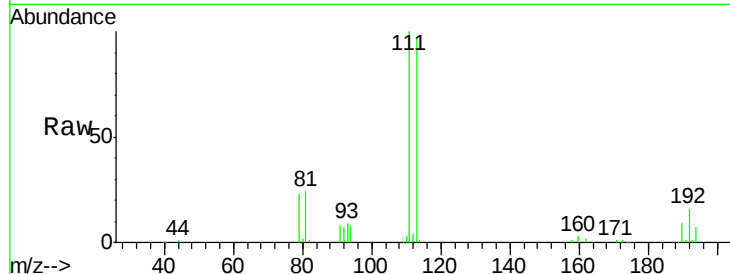




#35
 Dibromofluoromethane
 Concen: 53.298 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

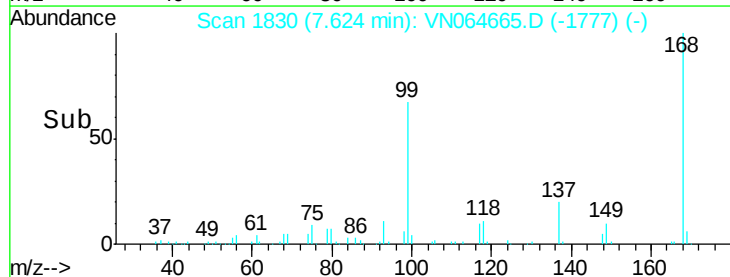
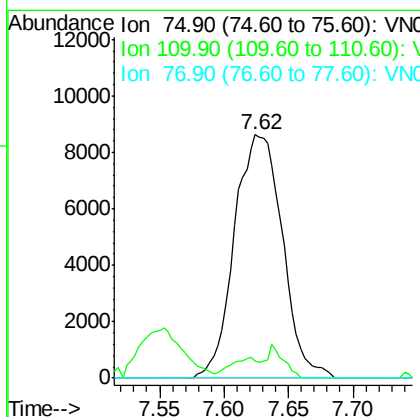
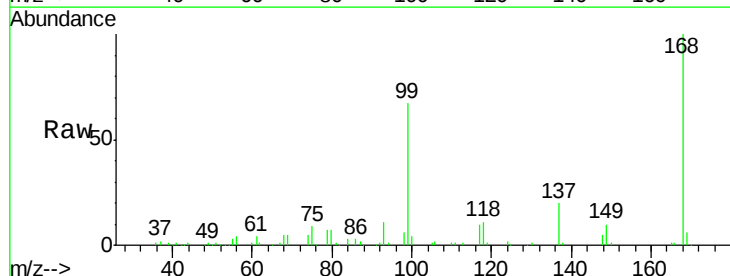
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

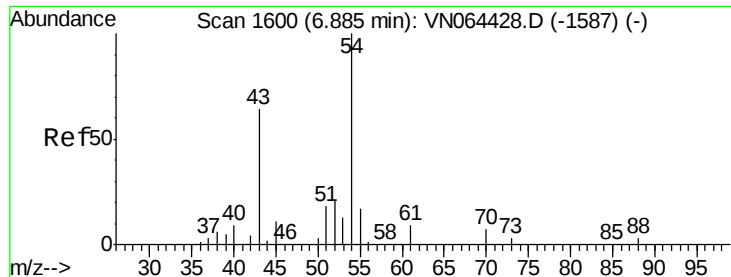
Tot Ion:113 Resp: 160811
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.1 121.7
 192 16.5 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.768 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion: 75 Resp: 22319
 Ion Ratio Lower Upper
 75 100
 110 4.9 16.0 48.0#
 77 0.0 24.0 36.0#





#37

Ethyl Acetate

Concen: 0.777 ug/l

RT: 6.85 min Scan# 1589

Delta R.T. -0.03 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

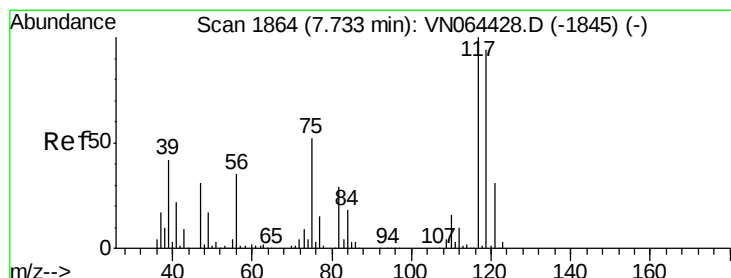
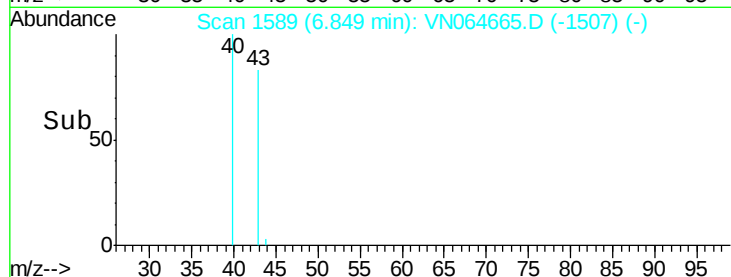
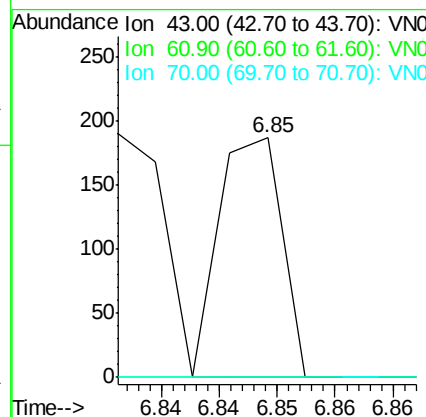
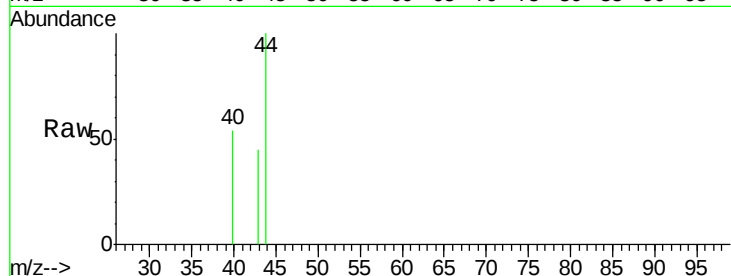
Tot Ion: 43 Resp: 70

Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.914 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

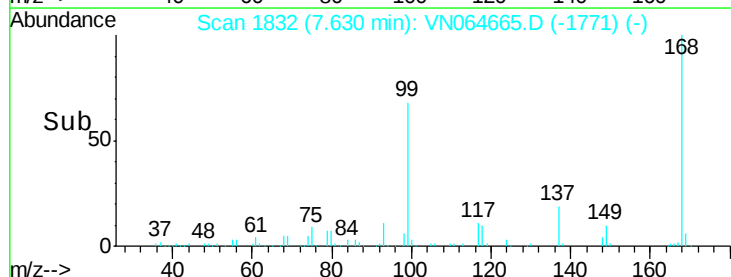
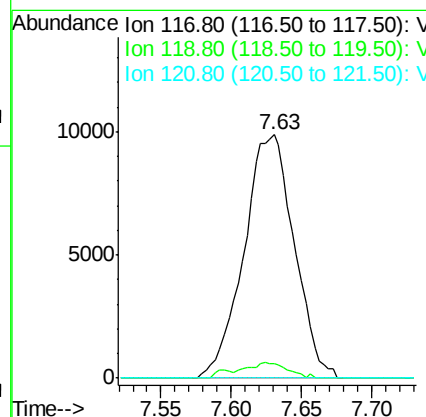
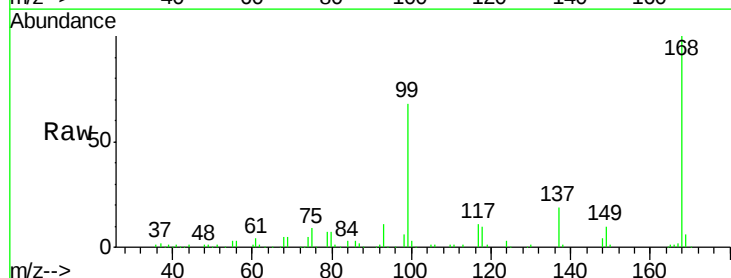
Tgt Ion: 117 Resp: 24584

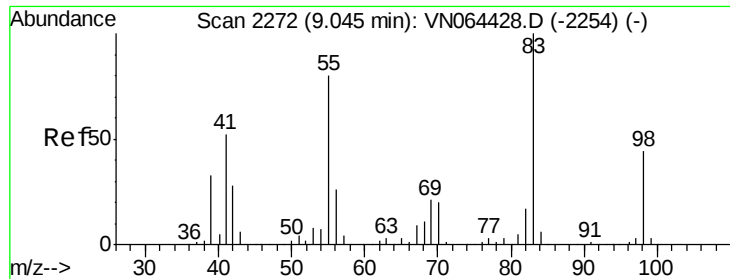
Ion Ratio Lower Upper

117 100

119 6.0 75.5 113.3#

121 0.0 24.4 36.6#

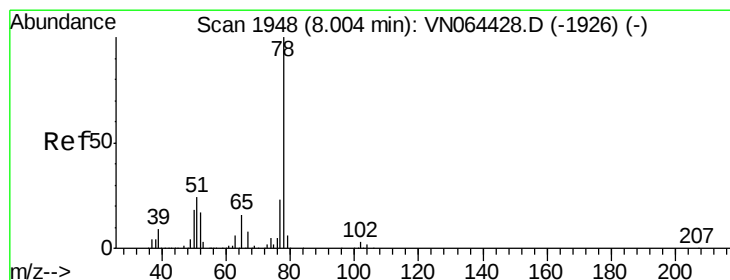
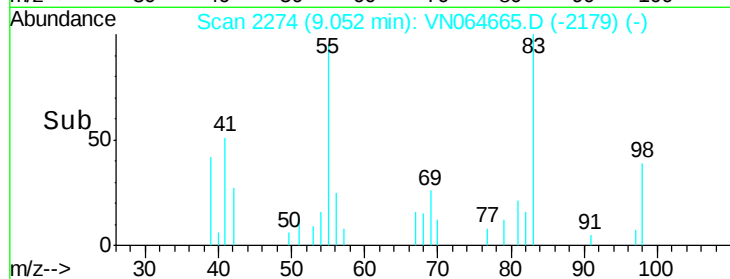
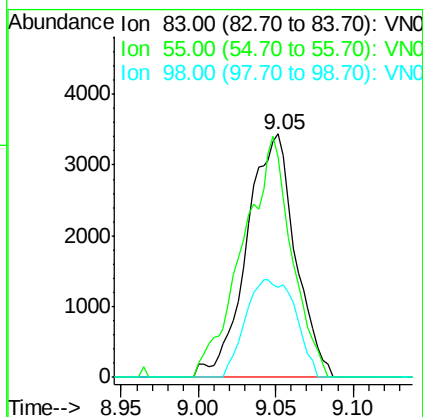
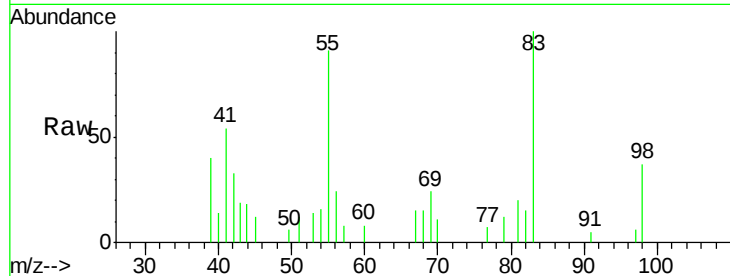




#39
Methvlcvclohexane
Concen: 1.785 ug/l
RT: 9.05 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

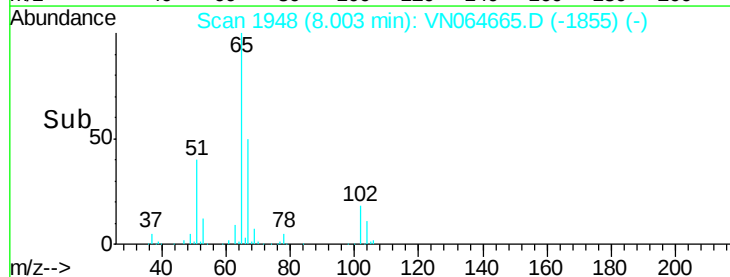
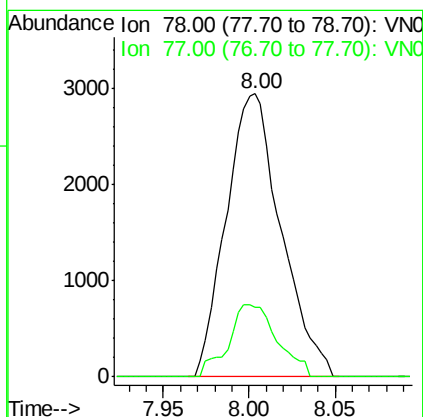
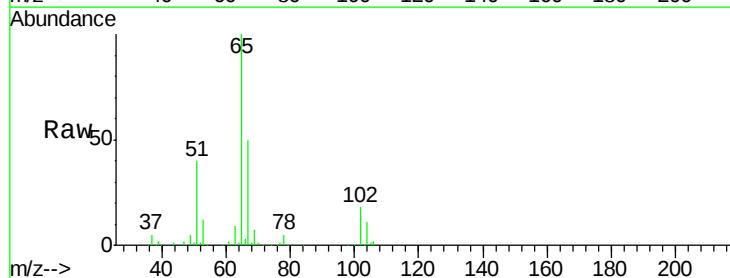
Instrument :
MSVOA_N
ClientSampled :
MW-5

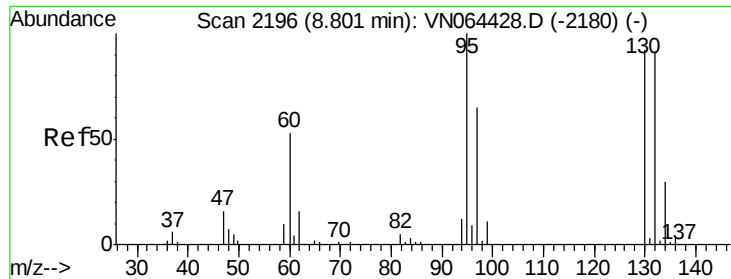
Tot Ion: 83 Resp: 7492
Ion Ratio Lower Upper
83 100
55 90.7 63.8 95.6
98 36.9 35.4 53.2



#40
Benzene
Concen: 0.475 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion: 78 Resp: 6540
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1

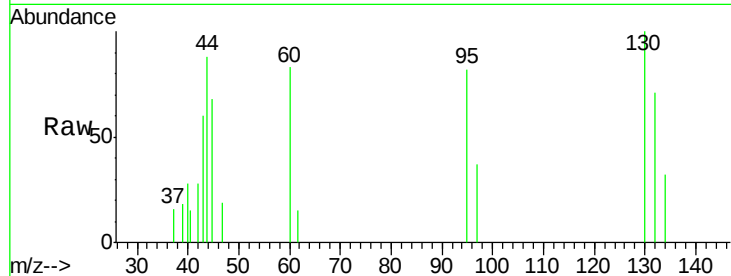




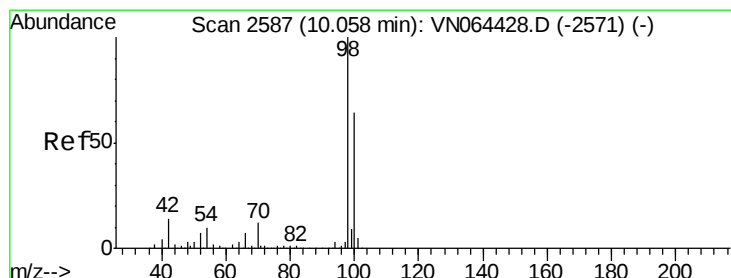
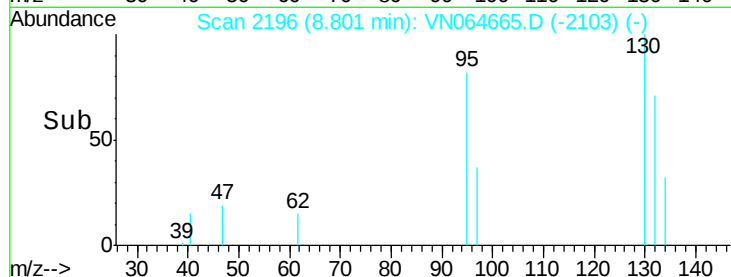
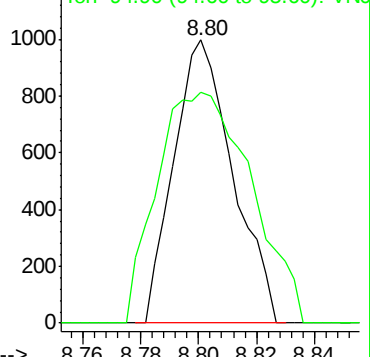
#44
 Trichloroethene
 Concen: 0.406 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion:130 Resp: 1409
 Ion Ratio Lower Upper
 130 100
 95 60.0 0.0 216.8

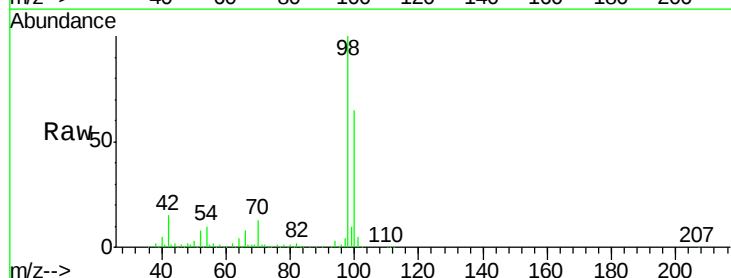


Abundance Ion 129.80 (129.50 to 130.50): V

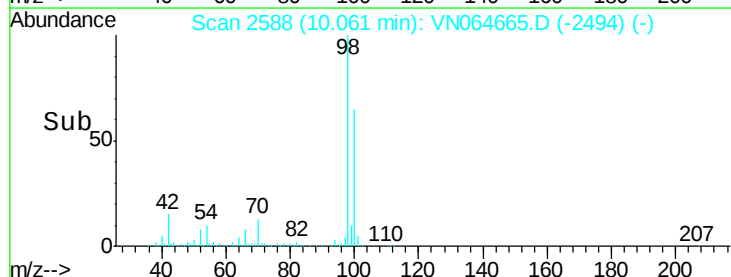
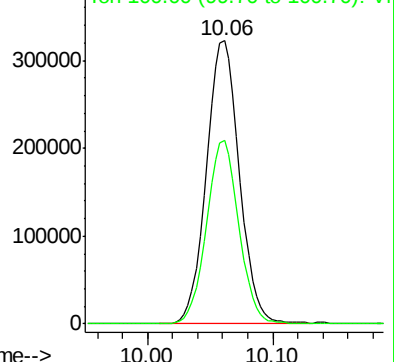


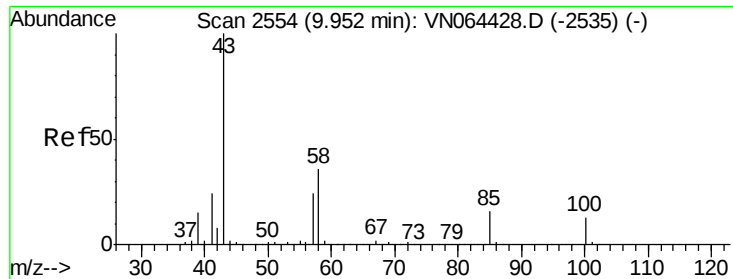
#50
 Toluene-d8
 Concen: 50.441 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion: 98 Resp: 588210
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.338 ug/l

RT: 9.89 min Scan# 2536

Delta R.T. -0.06 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

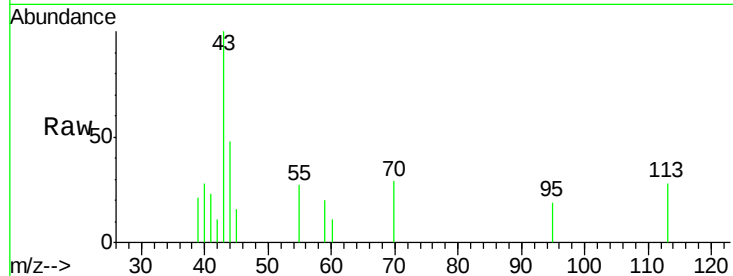
MW-5

Tot Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

58 0.0 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) (-)

9.89

1500

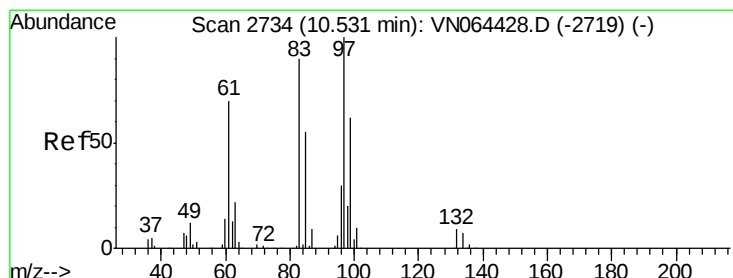
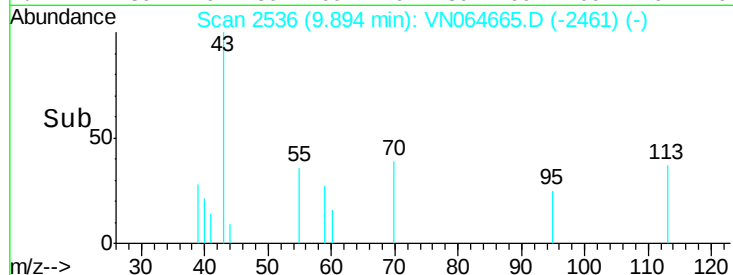
1000

500

0

9.86 9.88 9.90 9.92

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.846 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Tgt Ion: 97 Resp: 6039

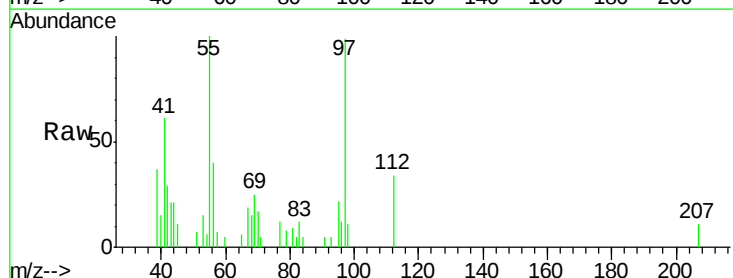
Ion Ratio Lower Upper

97 100

83 12.1 71.7 107.5#

85 0.0 44.3 66.5#

99 0.0 49.4 74.2#



Abundance Ion 96.90 (96.60 to 97.60): VN064428.D (-2719) (-)

Ion 82.90 (82.60 to 83.60): VN064428.D (-2719) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2719) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-2719) (-)

5000

4000

3000

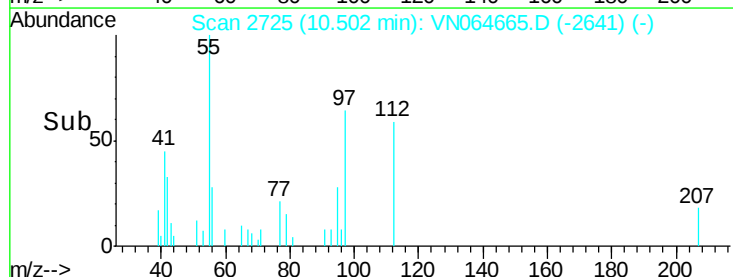
2000

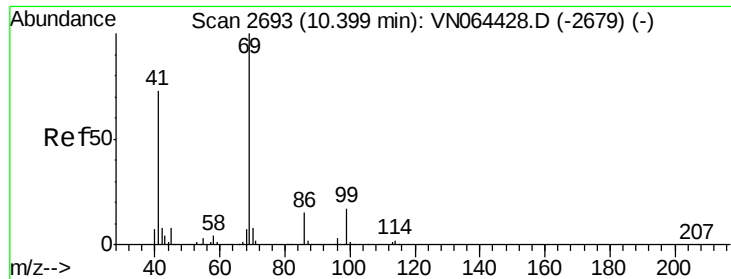
1000

0

10.45 10.50 10.55

Time-->





#56

Ethyl methacrylate

Concen: 2.524 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

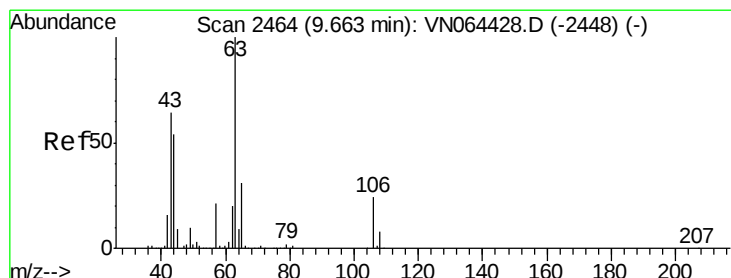
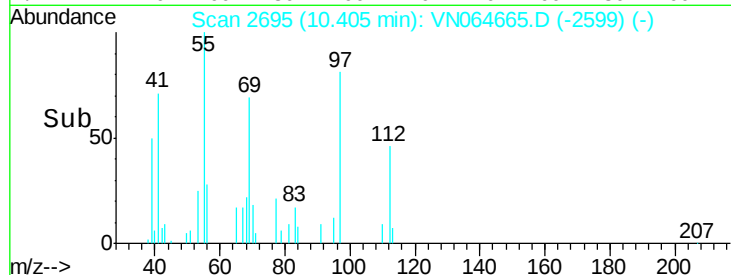
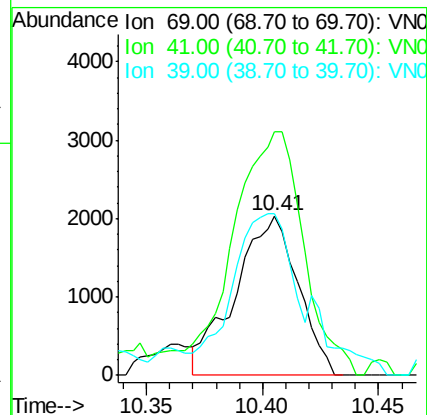
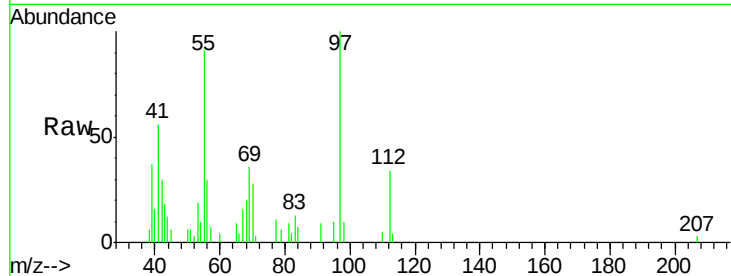
Tot Ion: 69 Resp: 3817

Ion Ratio Lower Upper

69 100

41 170.7 59.3 88.9#

39 117.7 35.4 53.0#



#58

2-Chloroethyl Vinyl ether

Concen: 21.549 ug/l

RT: 9.55 min Scan# 2429

Delta R.T. -0.11 min

Lab File: VN064665.D

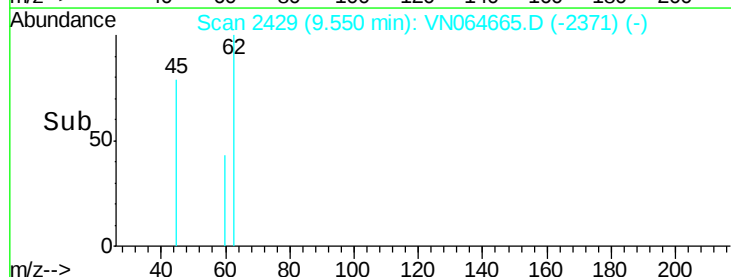
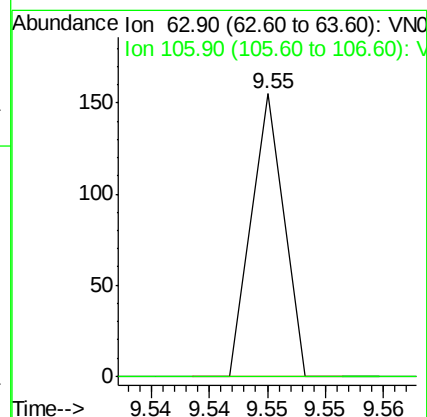
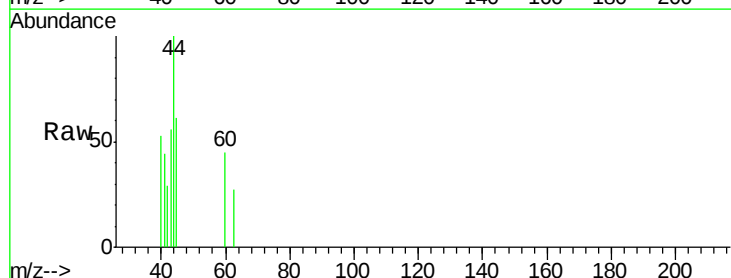
Acq: 16 Nov 2020 17:12

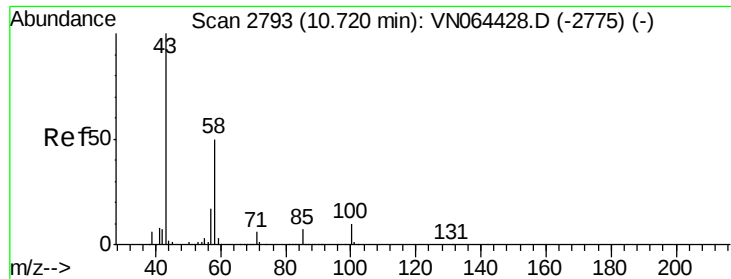
Tgt Ion: 63 Resp: 30

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

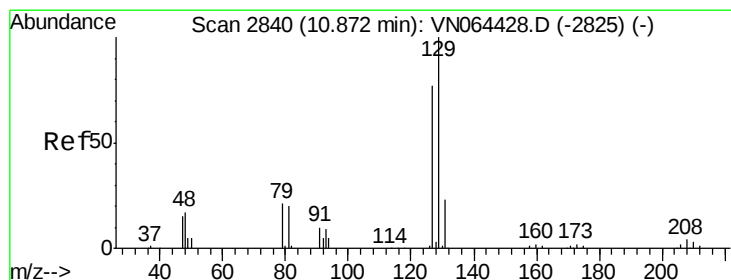
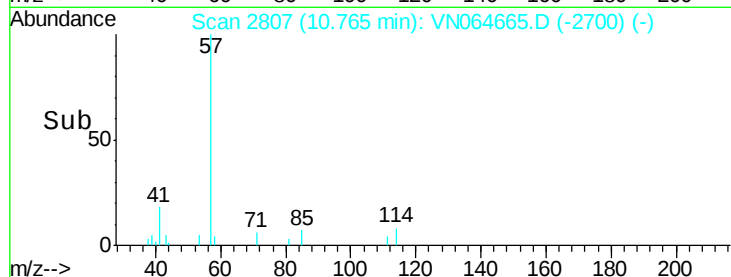
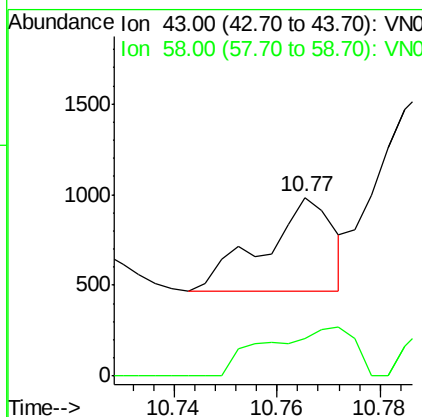
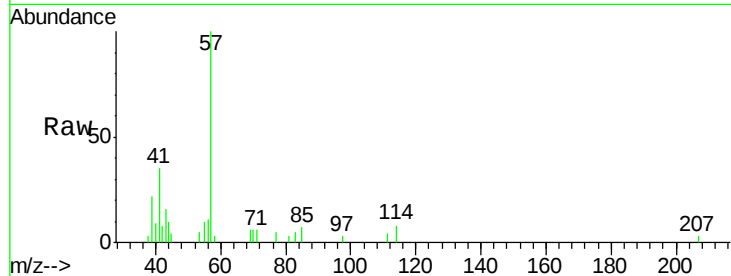




#59
2-Hexanone
Concen: 4.160 ug/l
RT: 10.77 min Scan# 2807
Delta R.T. 0.05 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

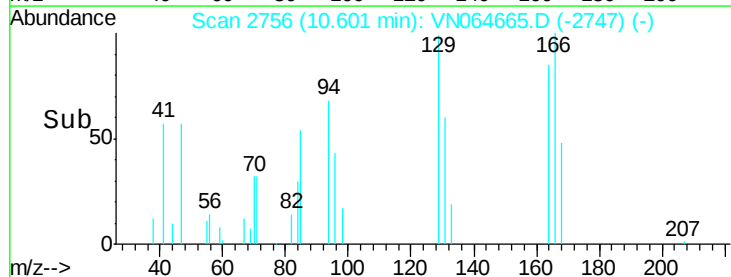
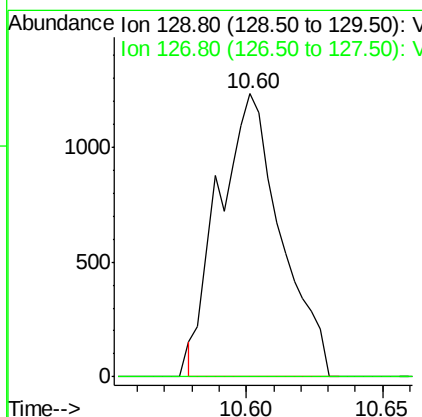
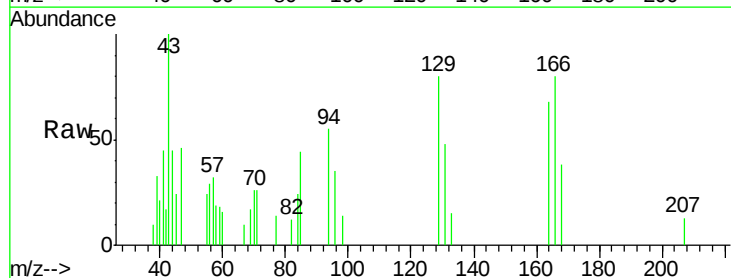
Instrument :
MSVOA_N
ClientSampled :
MW-5

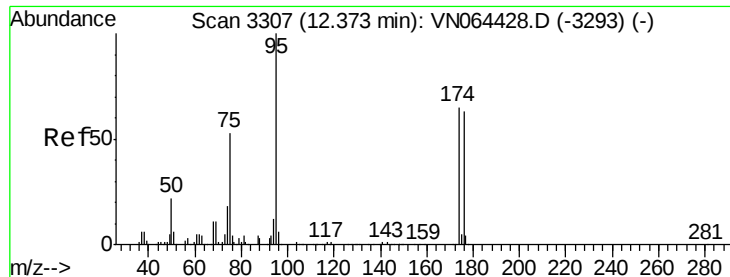
Tot Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
58 65.5 24.7 74.1



#60
Dibromochloromethane
Concen: 0.531 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion: 129 Resp: 1946
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 61.516 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

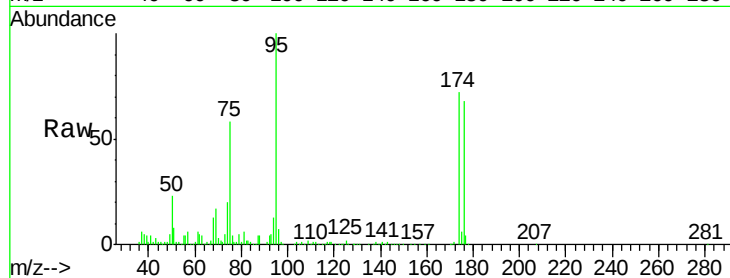
Tot Ion: 95 Resp: 271298

Ion Ratio Lower Upper

95 100

174 72.5 0.0 132.6

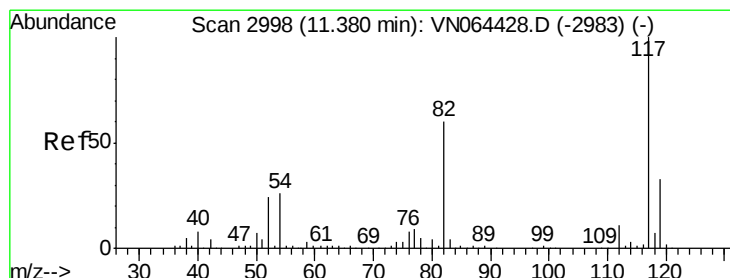
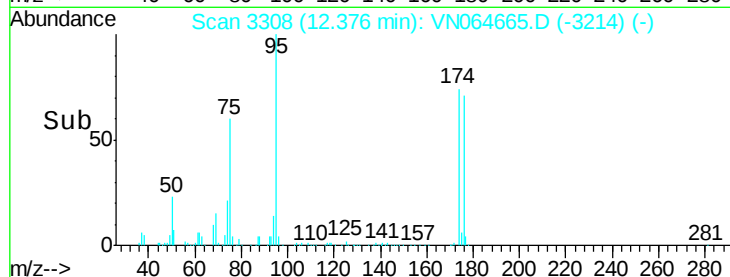
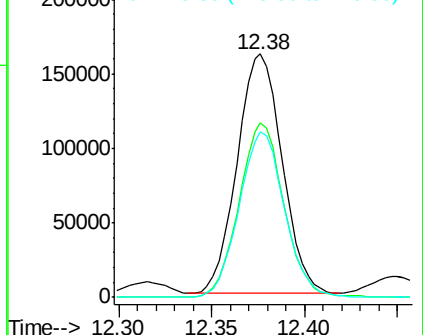
176 69.7 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

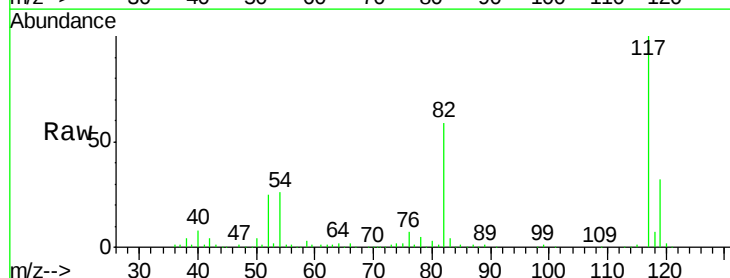
Tgt Ion: 117 Resp: 502798

Ion Ratio Lower Upper

117 100

82 58.7 48.1 72.1

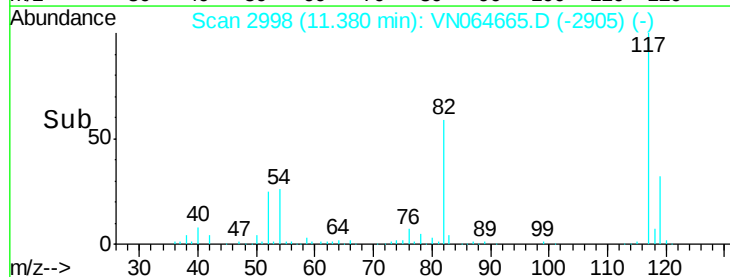
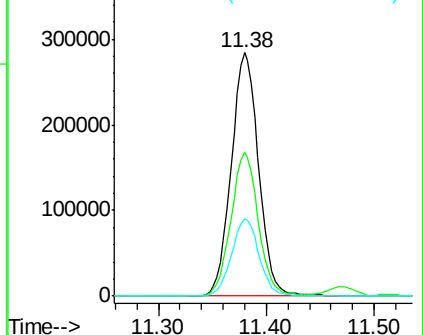
119 31.8 26.2 39.4

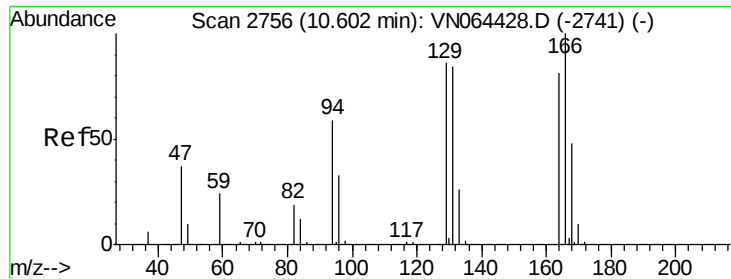


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 0.491 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion:164 Resp: 1903

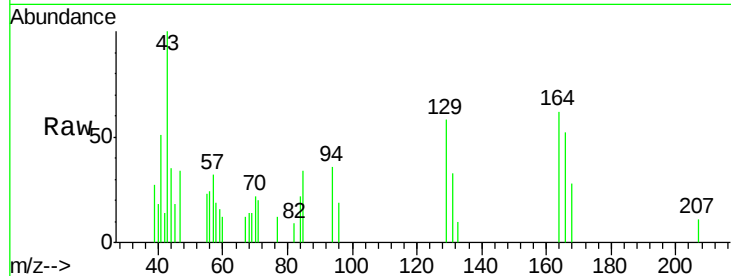
Ion Ratio Lower Upper

164 100

166 83.9 98.2 147.2#

129 93.3 84.6 127.0

131 53.0 82.2 123.2#

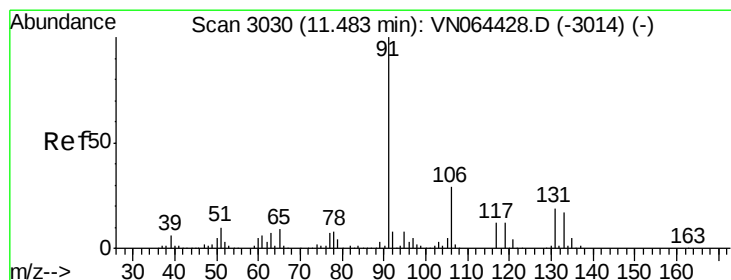
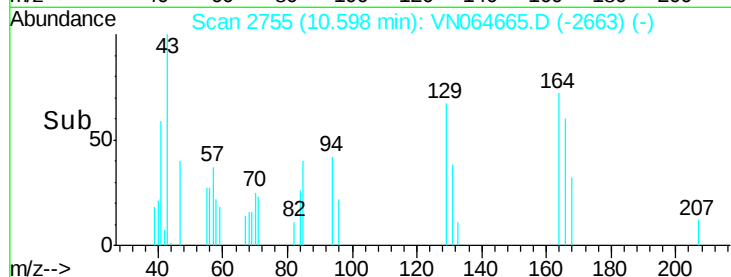
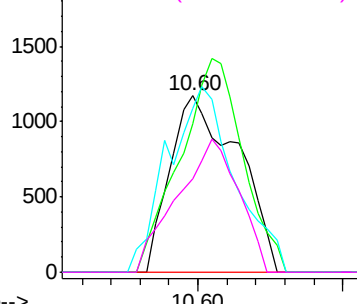


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 38.891 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064665.D

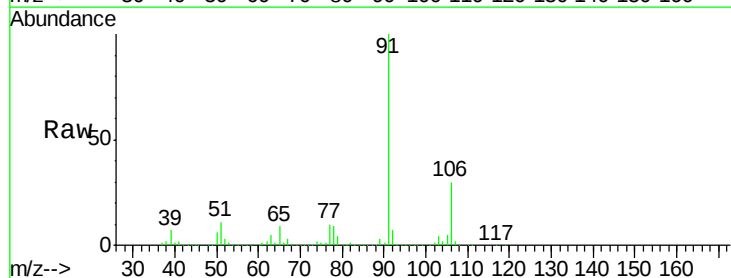
Acq: 16 Nov 2020 17:12

Tgt Ion: 91 Resp: 762500

Ion Ratio Lower Upper

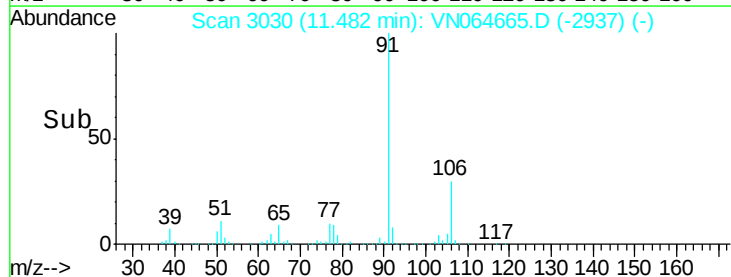
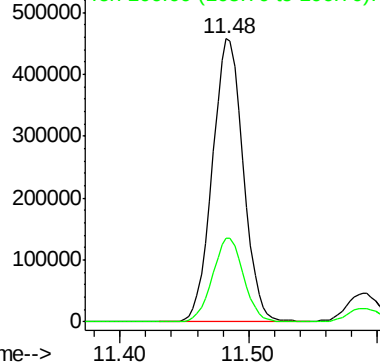
91 100

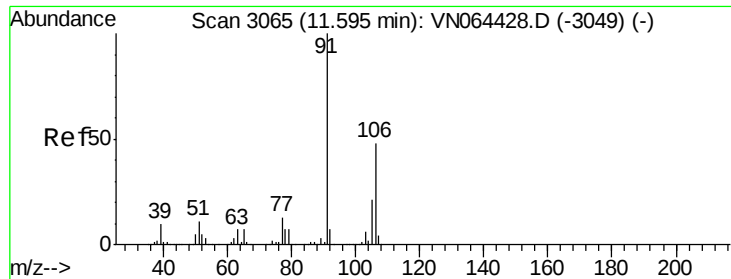
106 29.7 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

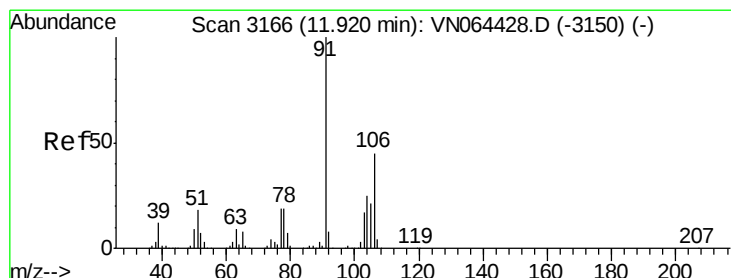
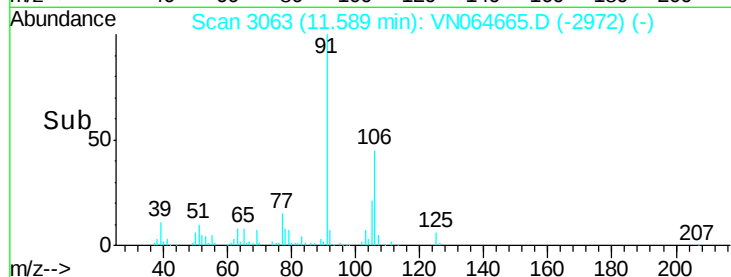
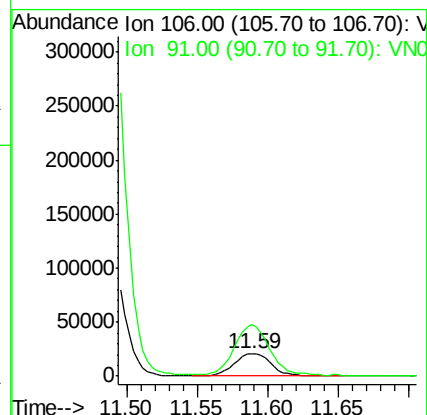
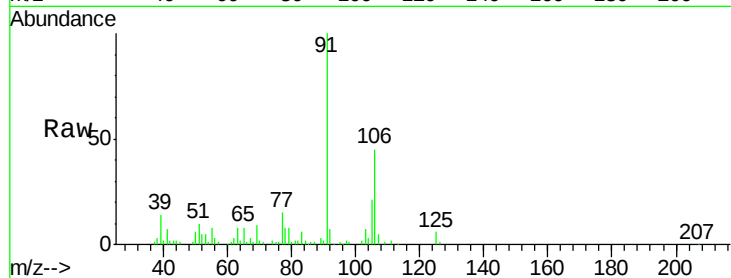




#68
m/p-Xylenes
Concen: 5.378 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

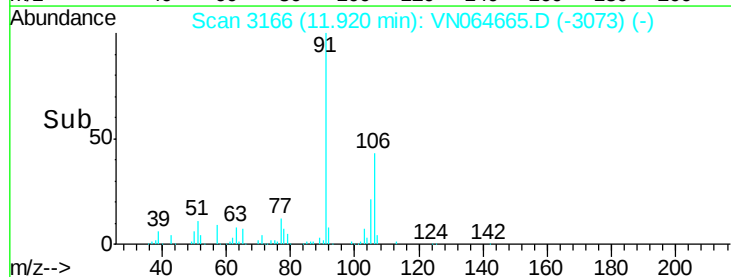
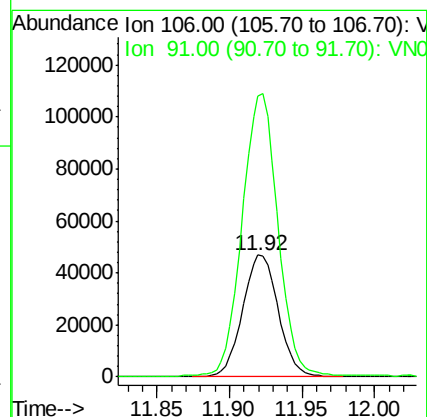
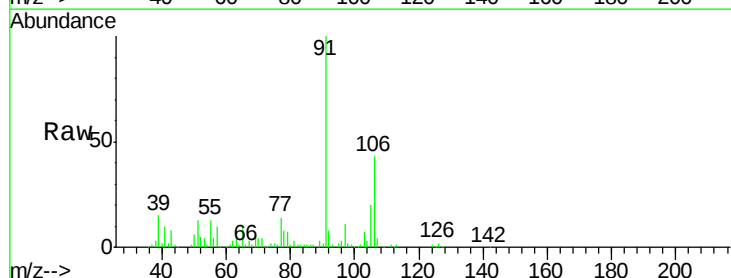
Instrument :
MSVOA_N
ClientSampled :
MW-5

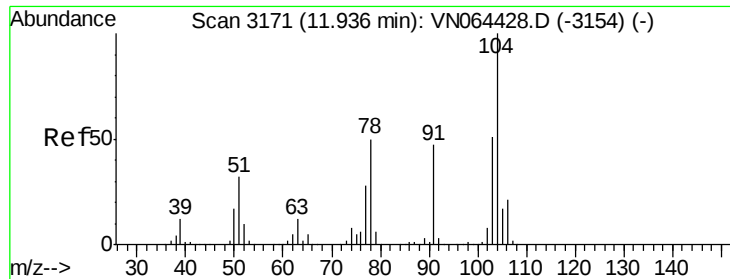
Tot Ion:106 Resp: 38242
Ion Ratio Lower Upper
106 100
91 213.7 169.4 254.2



#69
o-Xylene
Concen: 11.701 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion:106 Resp: 80399
Ion Ratio Lower Upper
106 100
91 231.9 111.7 334.9

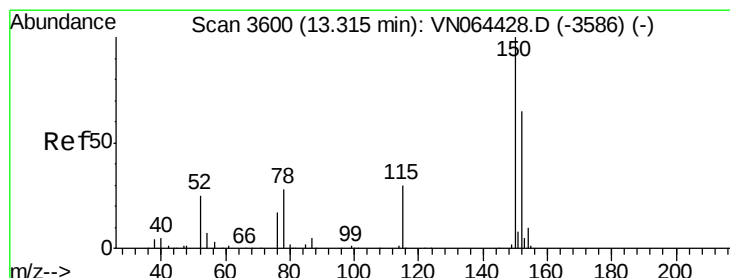
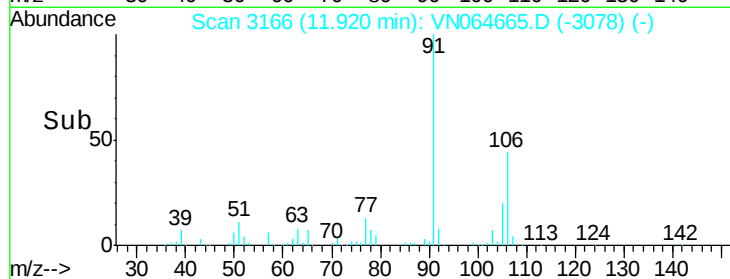
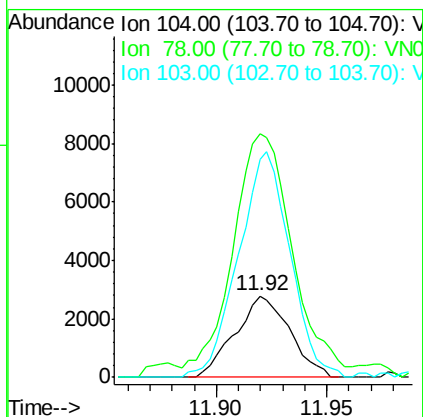
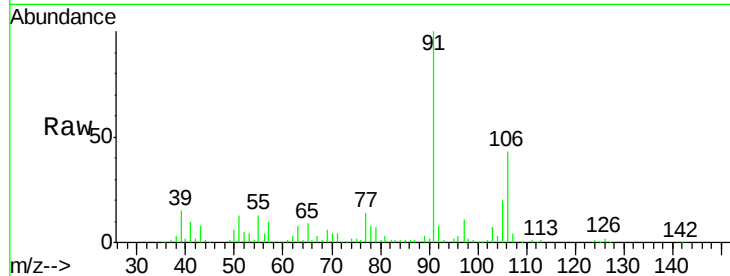




#70
Stvrene
Concen: 0.411 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

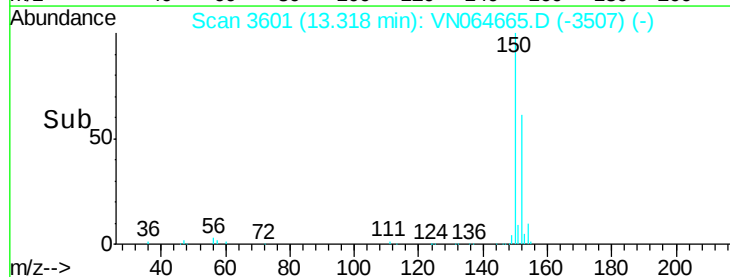
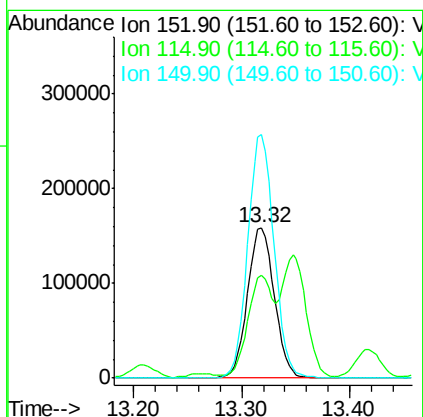
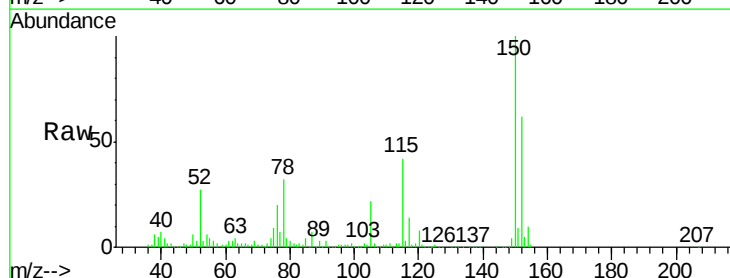
Instrument :
MSVOA_N
ClientSampled :
MW-5

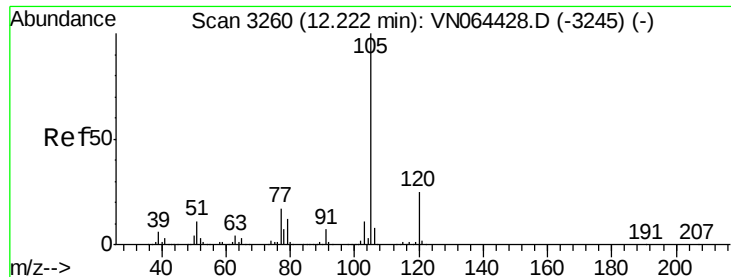
Tot Ion:104 Resp: 4753
Ion Ratio Lower Upper
104 100
78 300.8 44.0 66.0#
103 263.2 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion:152 Resp: 276176
Ion Ratio Lower Upper
152 100
115 61.4 32.0 96.0
150 157.4 0.0 353.8





#73

Isopropylbenzene

Concen: 107.875 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

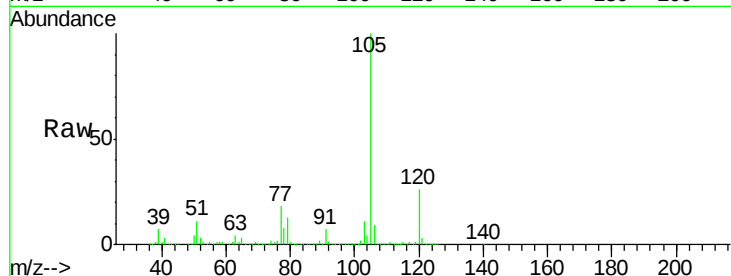
MW-5

Tot Ion:105 Resp: 2368009

Ion Ratio Lower Upper

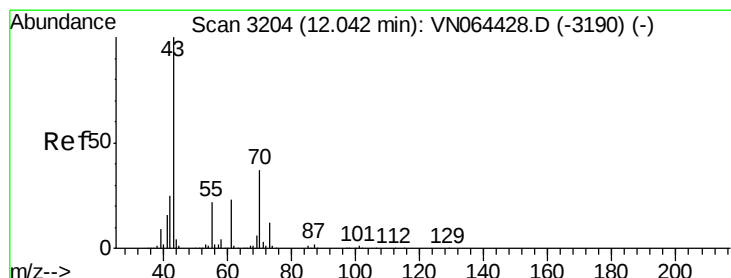
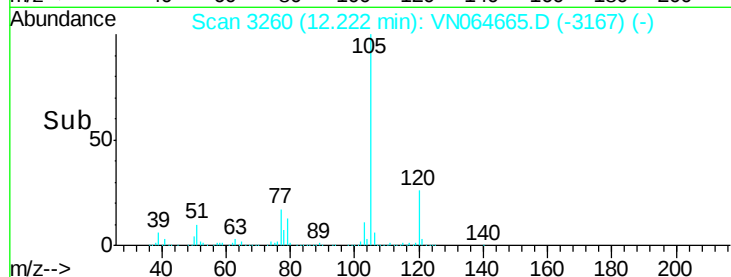
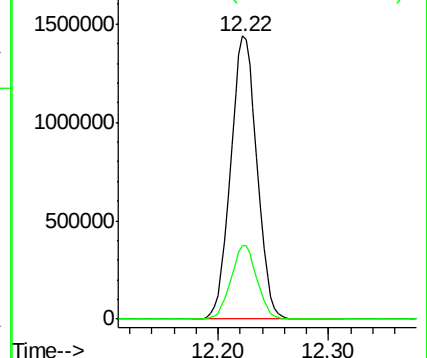
105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.610 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Tgt Ion: 43 Resp: 47963

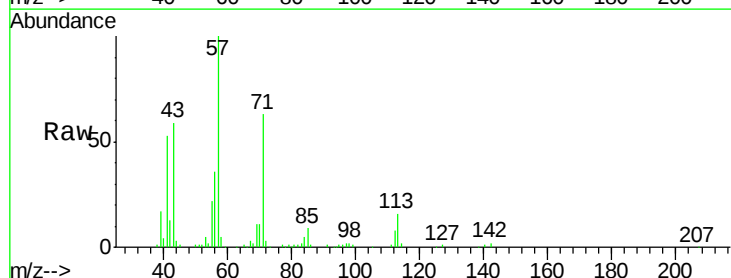
Ion Ratio Lower Upper

43 100

70 17.0 29.6 44.4#

55 23.8 18.4 27.6

61 0.0 17.8 26.6#

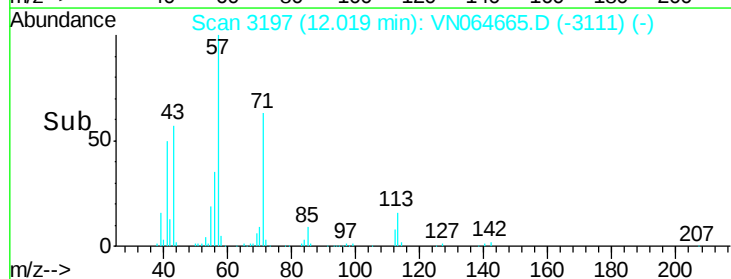
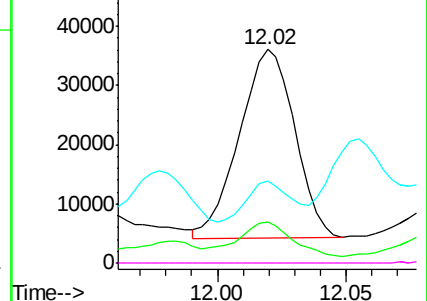


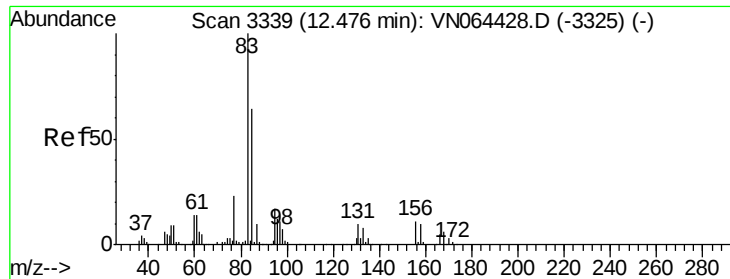
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.484 ug/l

RT: 12.44 min Scan# 3328

Delta R.T. -0.04 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

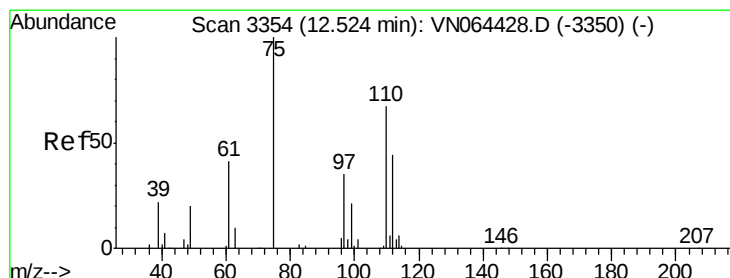
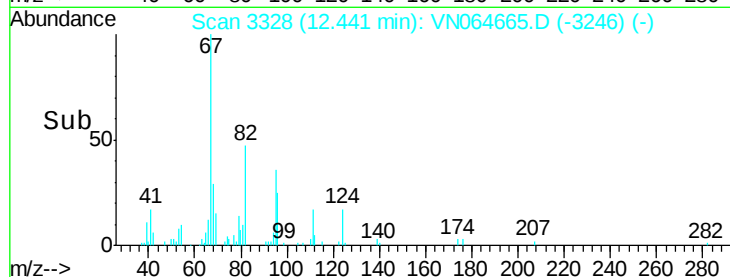
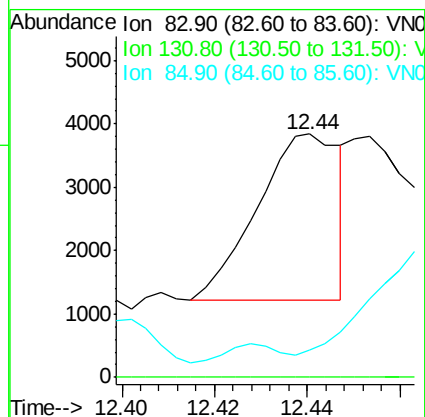
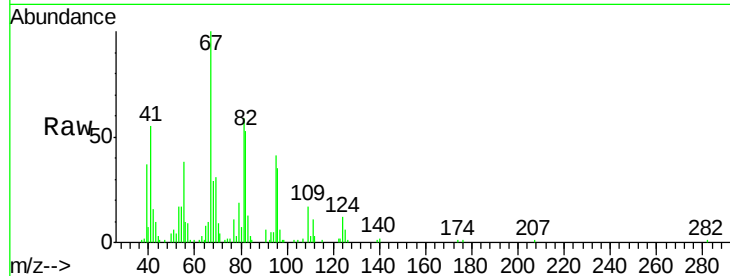
Tot Ion: 83 Resp: 3260

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 5.366 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN064665.D

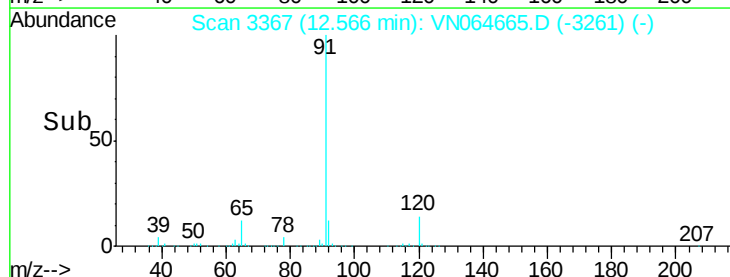
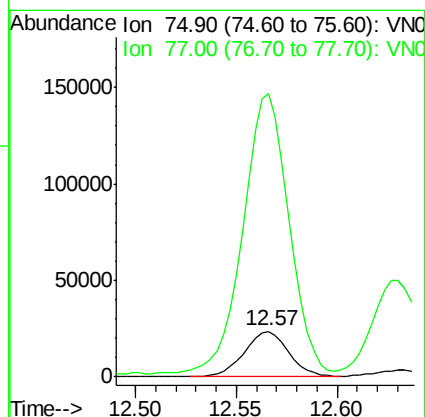
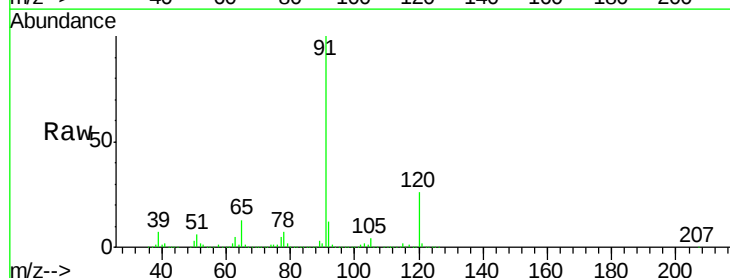
Acq: 16 Nov 2020 17:12

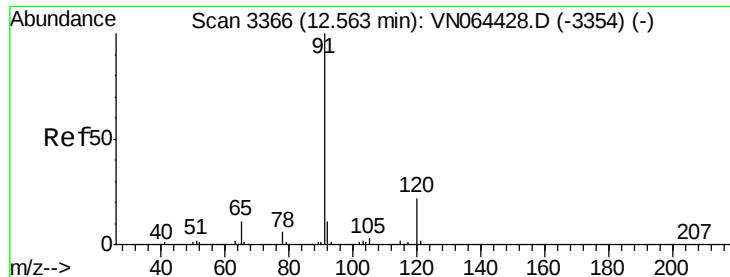
Tgt Ion: 75 Resp: 35906

Ion Ratio Lower Upper

75 100

77 637.3 0.0 0.0#





#78

n-propylbenzene

Concen: 199.084 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

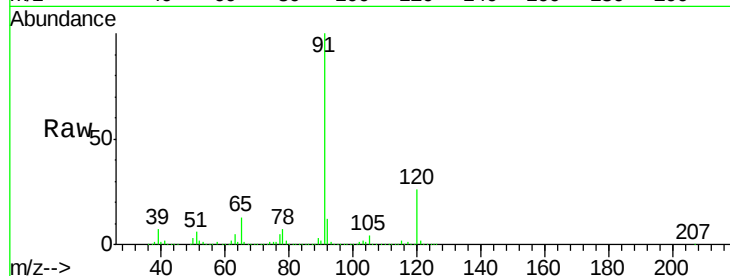
MW-5

Tot Ion: 91 Resp: 4982301

Ion Ratio Lower Upper

91 100

120 23.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

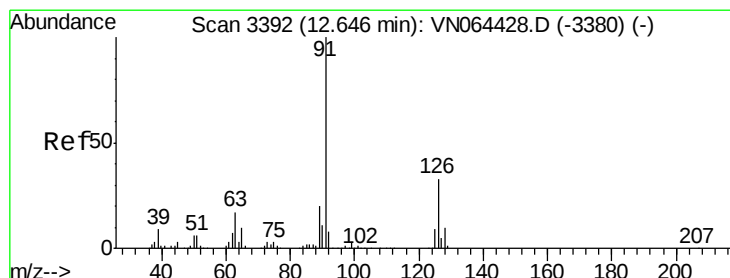
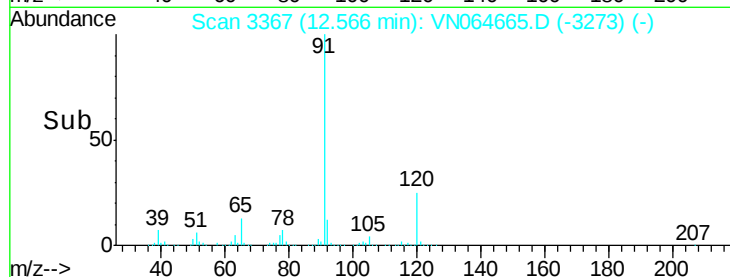
3000000

2000000

1000000

0

Time-->



#79

2-Chlorotoluene

Concen: 313.891 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN064665.D

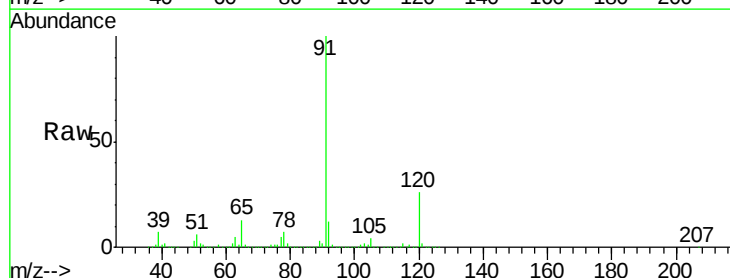
Acq: 16 Nov 2020 17:12

Tgt Ion: 91 Resp: 4982301

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

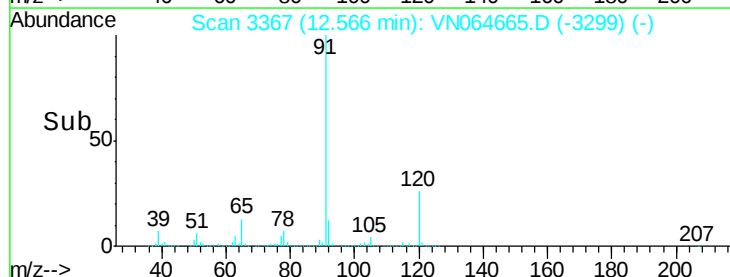
3000000

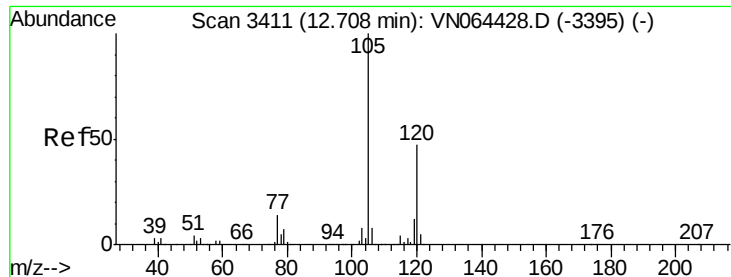
2000000

1000000

0

Time-->

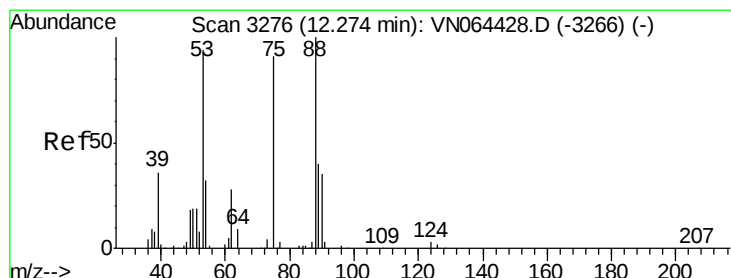
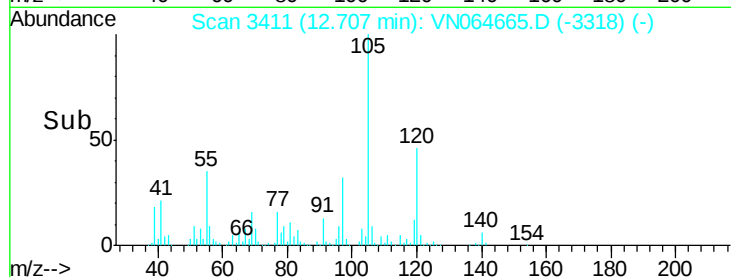
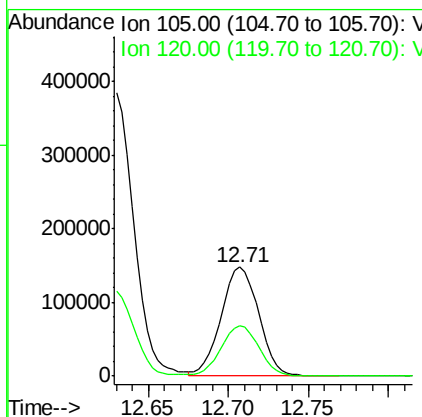
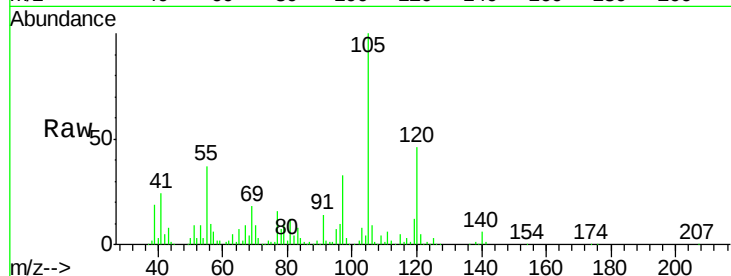




#80
 1,3,5-Trimethylbenzene
 Concen: 13.104 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

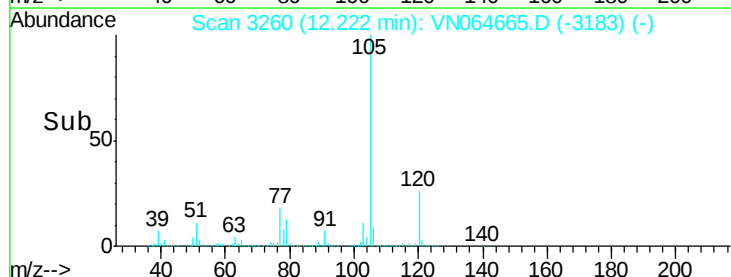
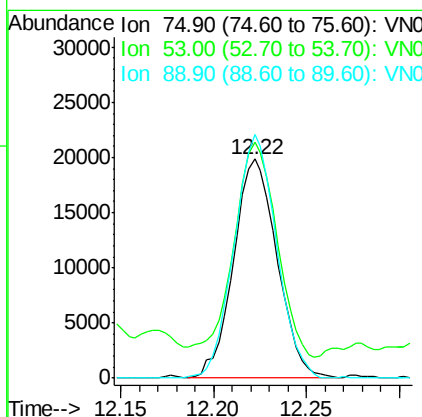
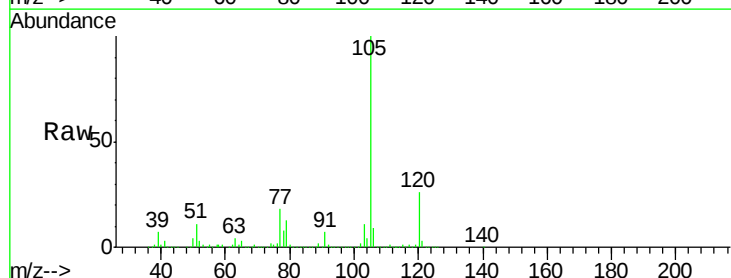
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

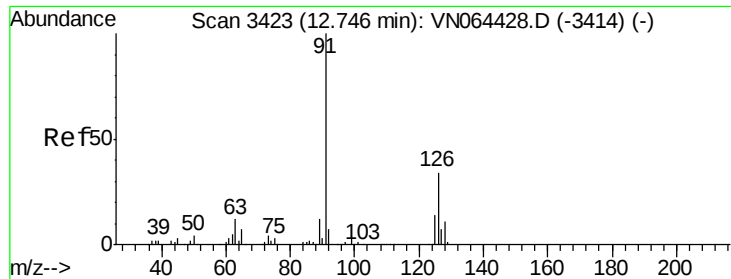
Tot Ion:105 Resp: 237300
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 13.500 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. -0.05 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion: 75 Resp: 32354
 Ion Ratio Lower Upper
 75 100
 53 96.3 84.0 126.0
 89 108.1 36.3 54.5#

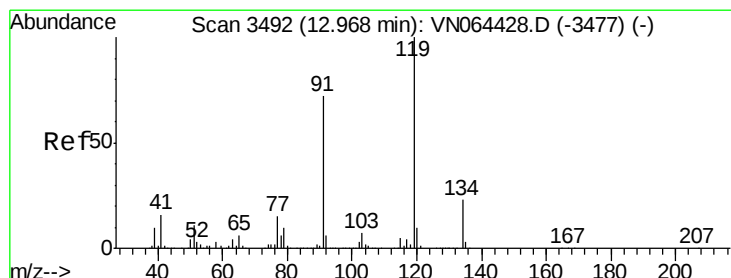
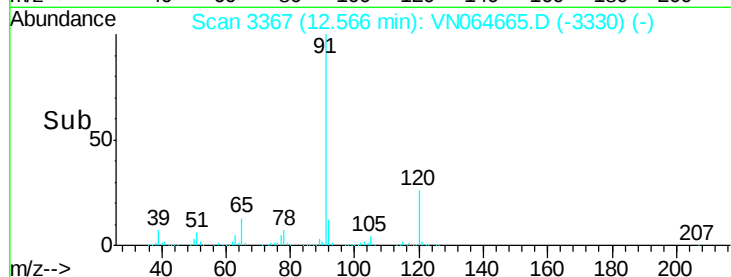
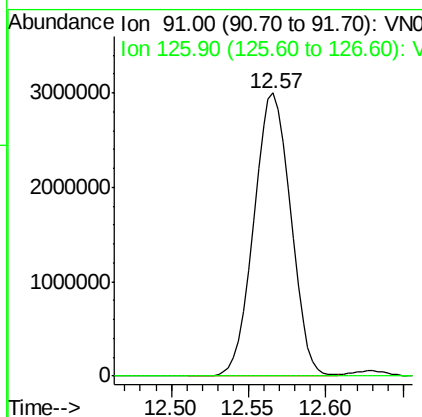
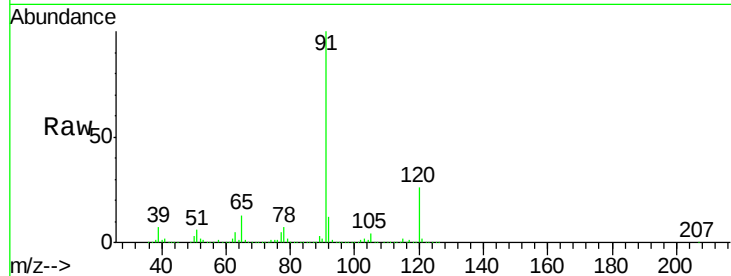




#82
4-Chlorotoluene
Concen: 299.727 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.18 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

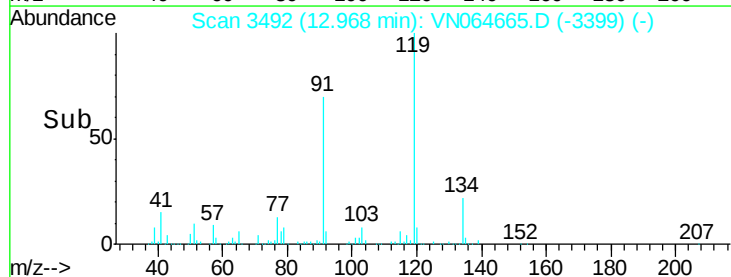
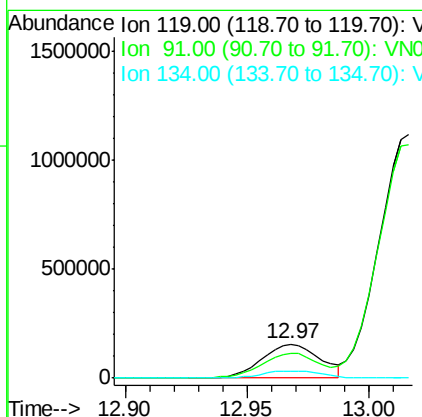
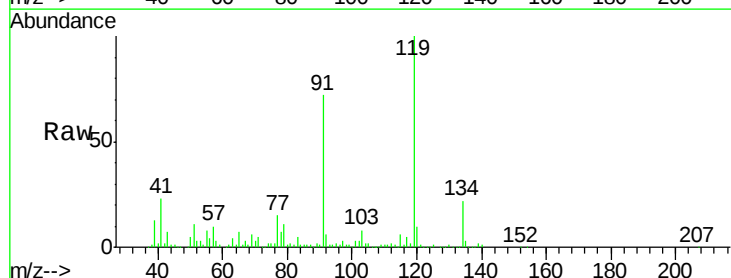
Instrument :
MSVOA_N
ClientSampled :
MW-5

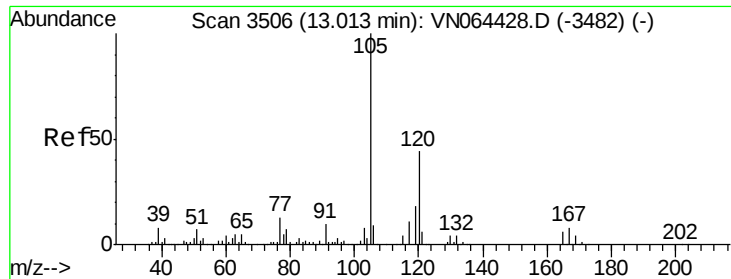
Tot Ion: 91 Resp: 4982301
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 18.107 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion: 119 Resp: 256100
Ion Ratio Lower Upper
119 100
91 69.4 36.1 108.3
134 22.4 11.7 35.1

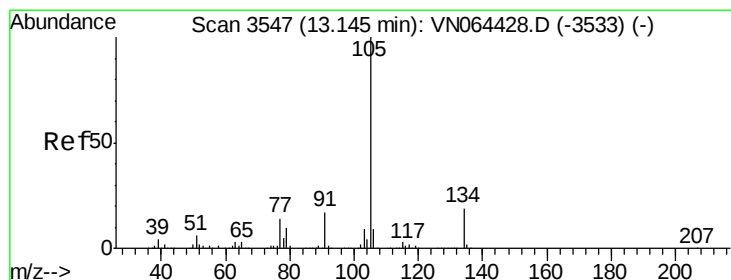
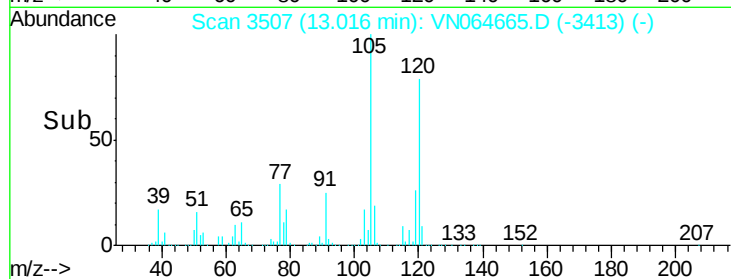
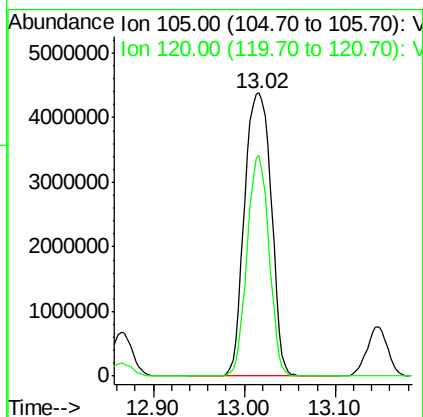
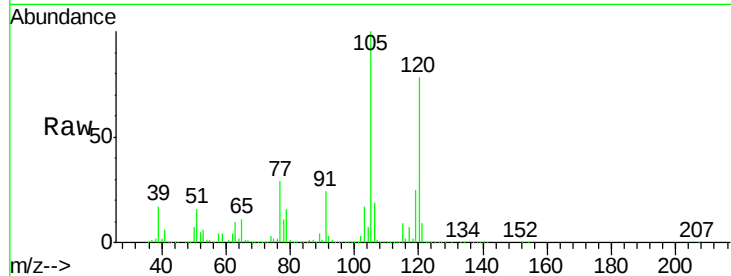




#84
 1,2,4-Trimethylbenzene
 Concen: 490.749 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

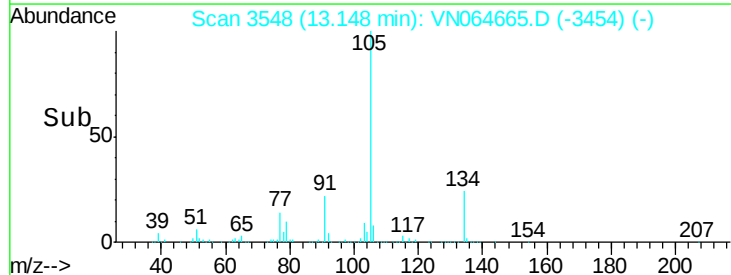
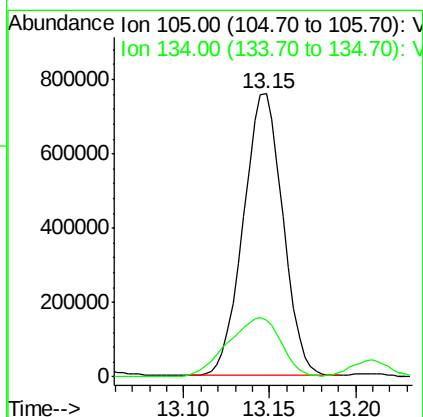
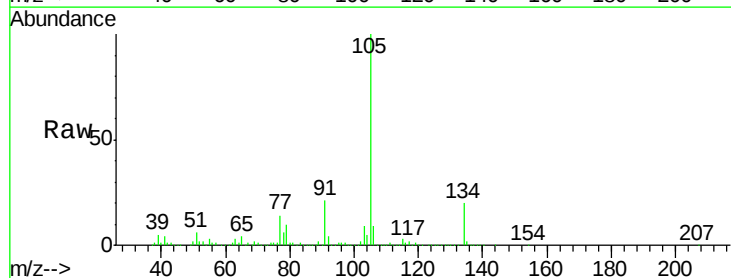
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

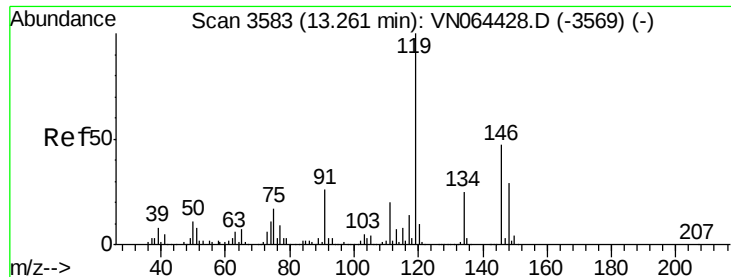
Tot Ion:105 Resp: 8933975
 Ion Ratio Lower Upper
 105 100
 120 64.2 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 67.482 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion:105 Resp: 1208767
 Ion Ratio Lower Upper
 105 100
 134 28.6 9.4 28.2#

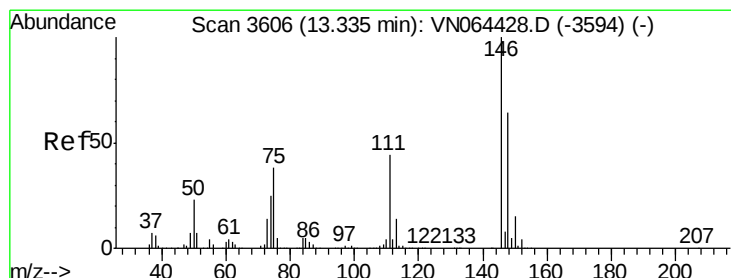
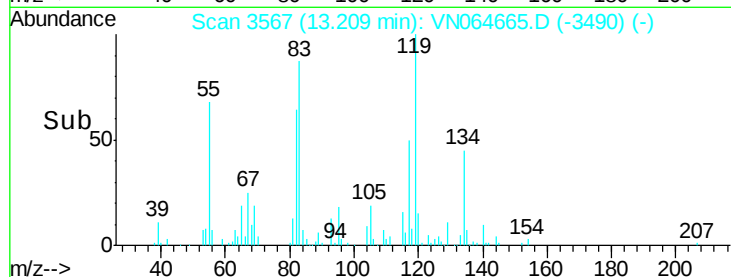
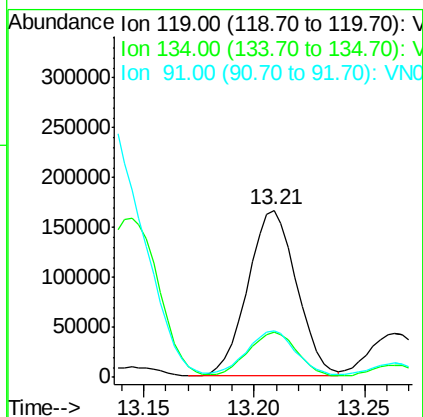
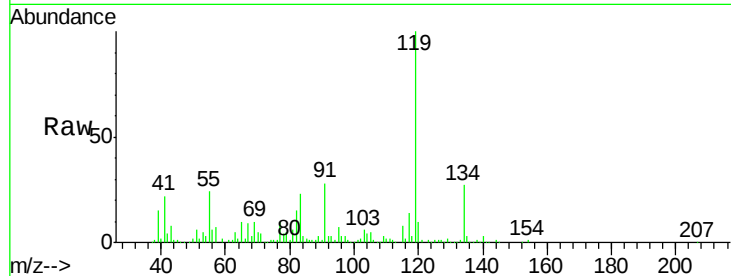




#86
 p-Isopropyltoluene
 Concen: 15.969 ug/l
 RT: 13.21 min Scan# 3567
 Delta R.T. -0.05 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

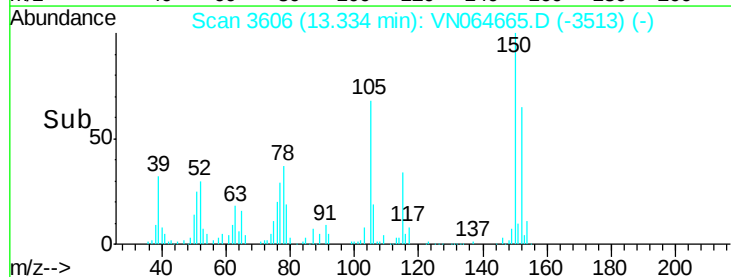
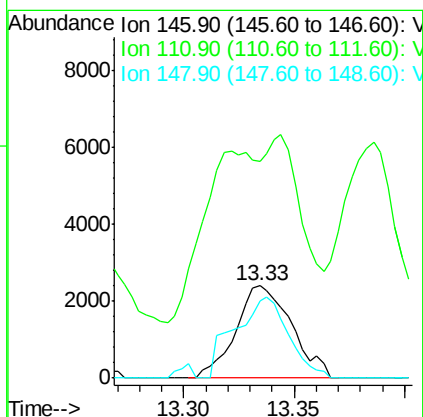
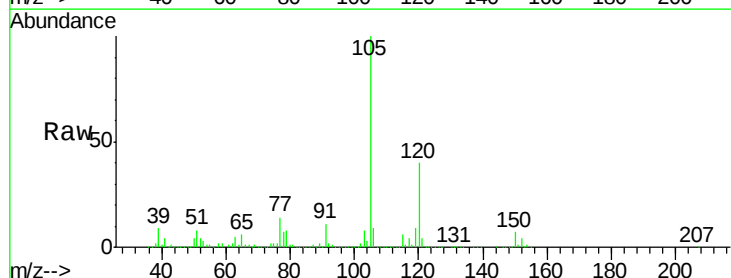
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

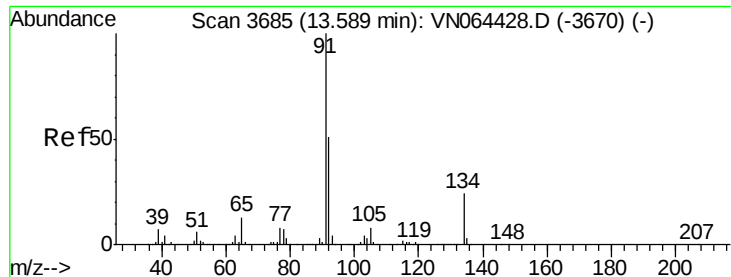
Tot Ion:119 Resp: 257283
 Ion Ratio Lower Upper
 119 100
 134 27.8 12.6 37.6
 91 25.5 12.8 38.3



#88
 1,4-Dichlorobenzene
 Concen: 0.439 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion:146 Resp: 4202
 Ion Ratio Lower Upper
 146 100
 111 184.4 21.8 65.3#
 148 85.3 32.4 97.2





#89

n-Butylbenzene

Concen: 49.986 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

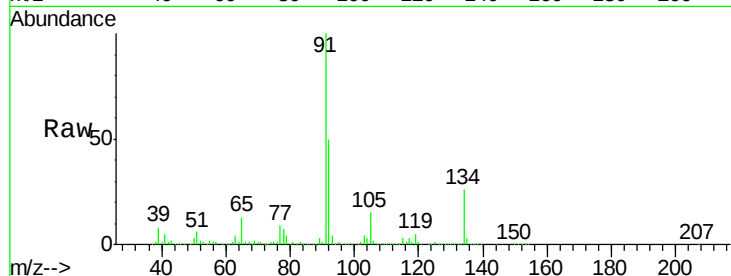
Tot Ion: 91 Resp: 692454

Ion Ratio Lower Upper

91 100

92 46.2 25.3 75.9

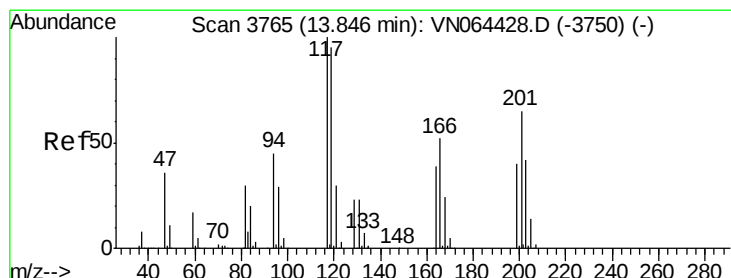
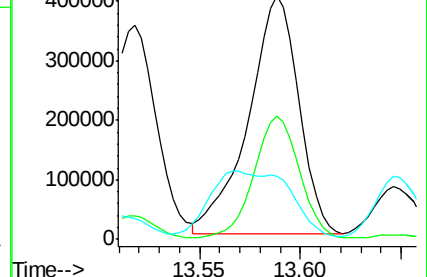
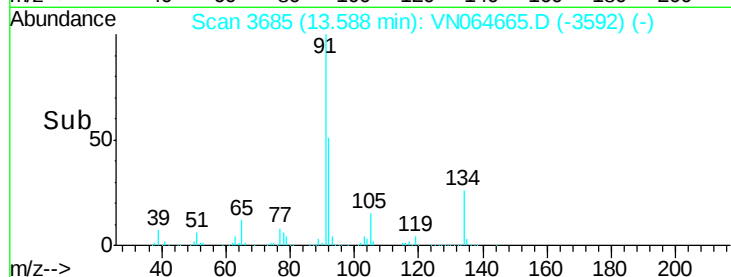
134 0.0 11.8 35.4#



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)



#90

Hexachloroethane

Concen: 65.786 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064665.D

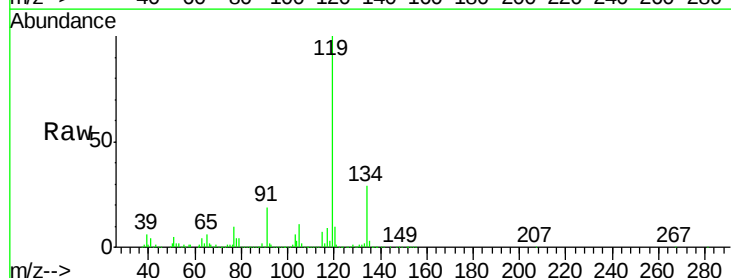
Acq: 16 Nov 2020 17:12

Tgt Ion: 117 Resp: 204467

Ion Ratio Lower Upper

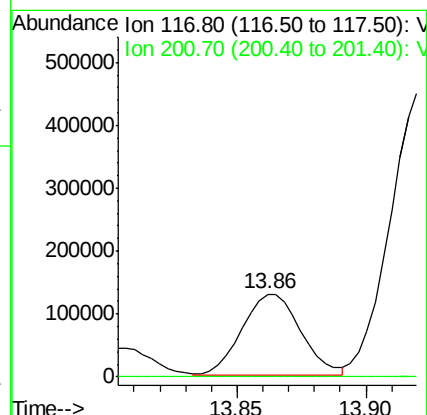
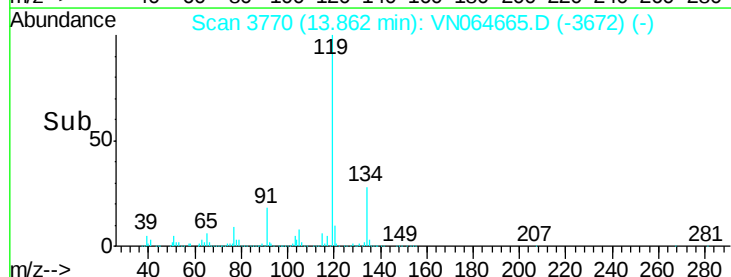
117 100

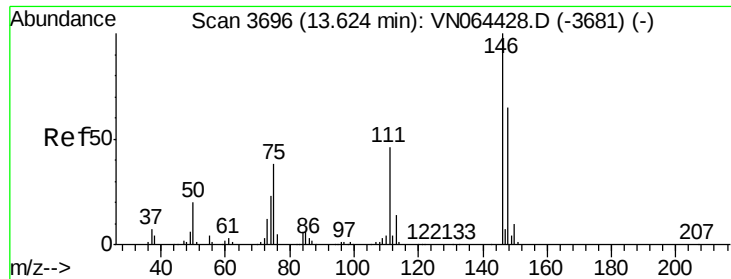
201 0.0 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

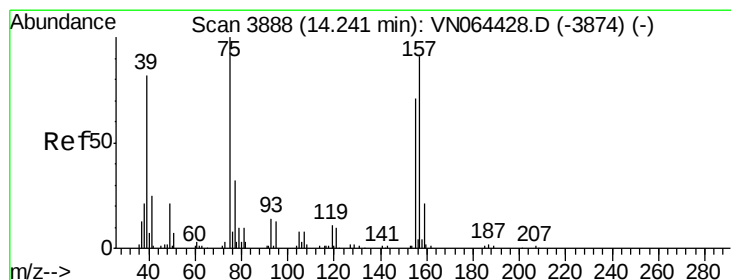
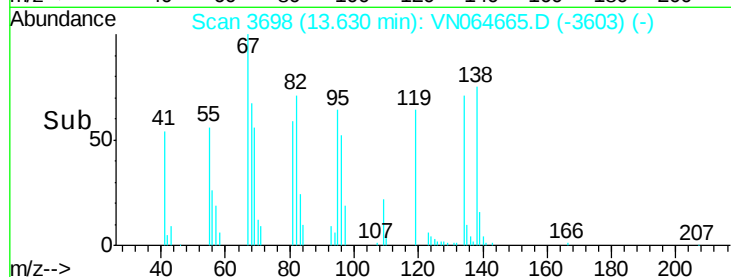
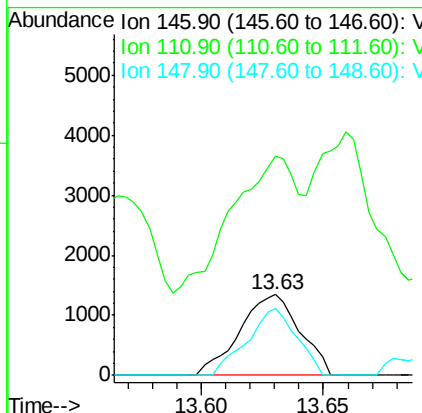
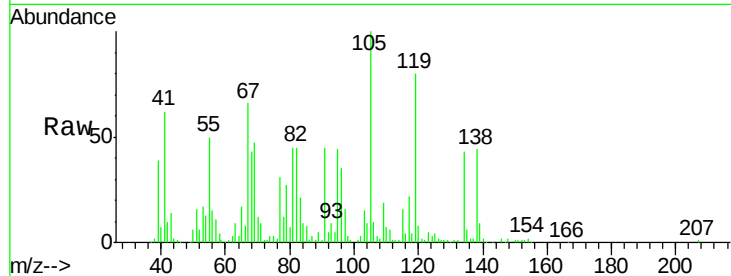




#91
 1,2-Dichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.01 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

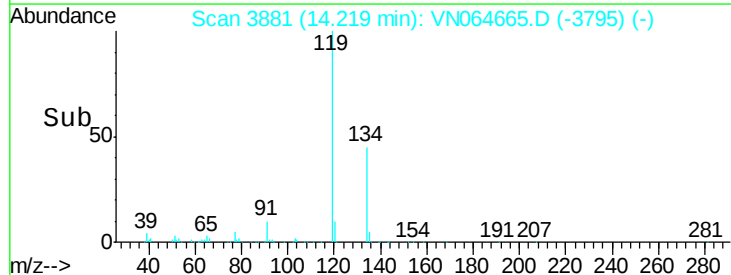
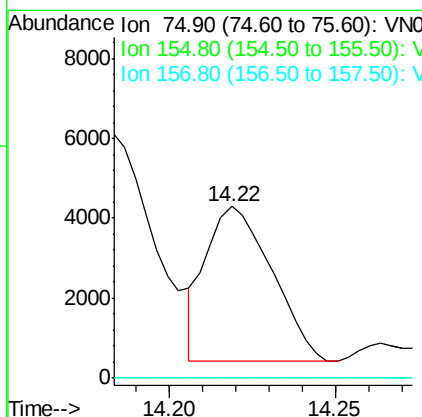
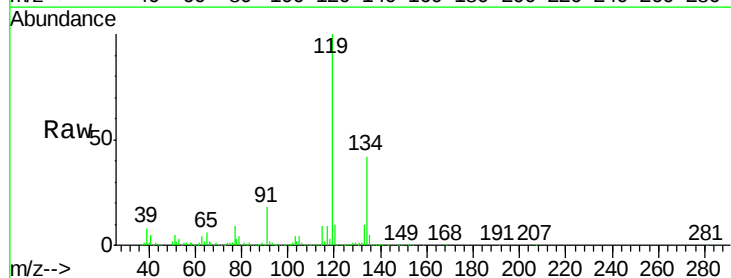
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

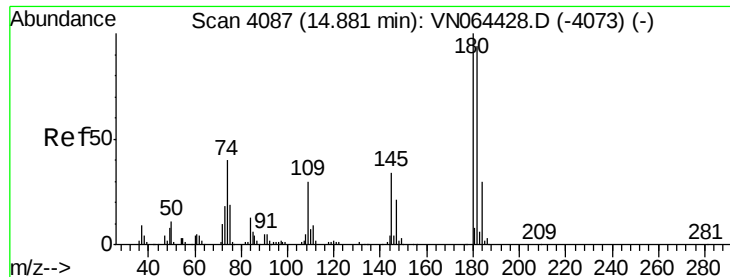
Tot Ion:146 Resp: 2297
 Ion Ratio Lower Upper
 146 100
 111 200.2 22.9 68.7#
 148 67.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.974 ug/l
 RT: 14.22 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion: 75 Resp: 5335
 Ion Ratio Lower Upper
 75 100
 155 0.0 34.6 103.9#
 157 0.0 43.0 128.8#

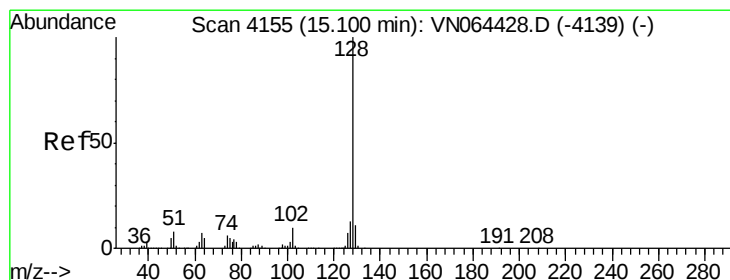
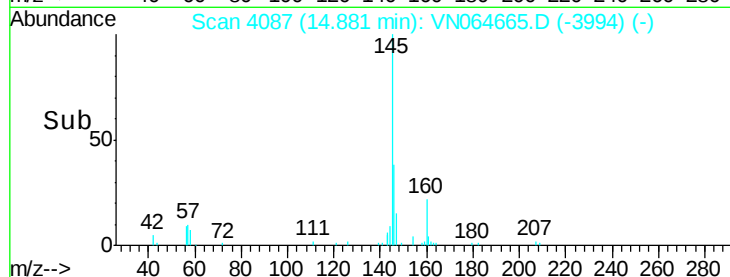
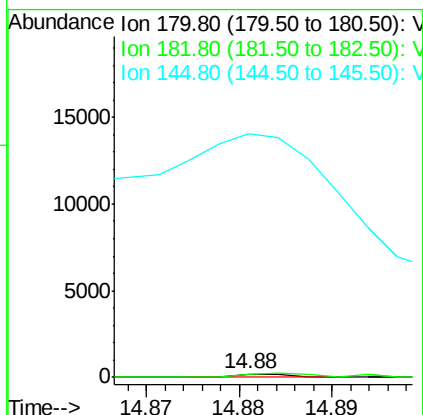
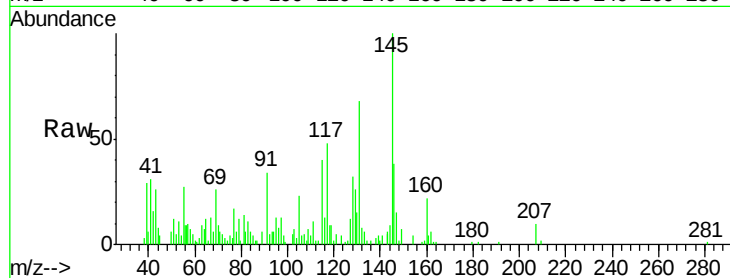




#93
 1,2,4-Trichlorobenzene
 Concen: 2.678 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

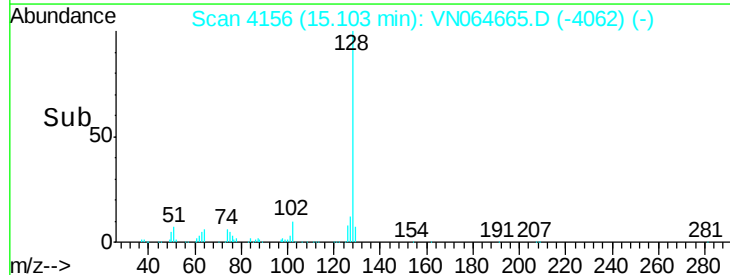
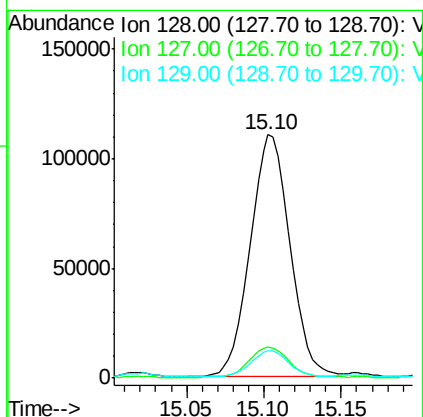
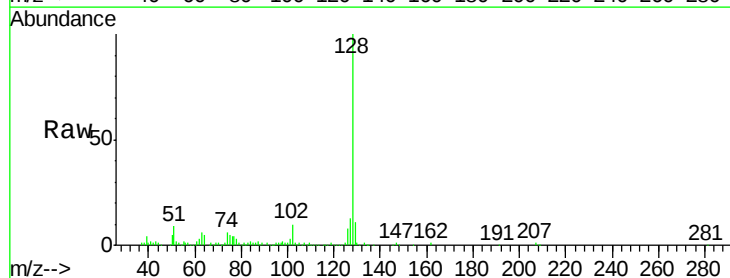
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

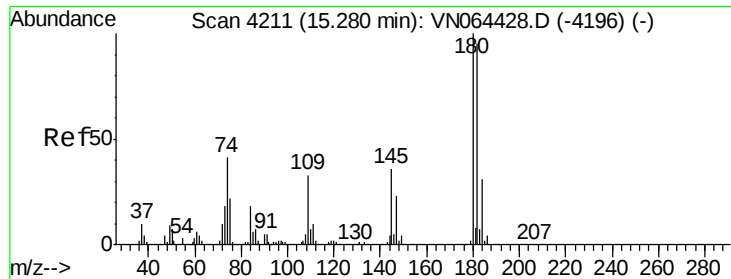
Tot Ion:180 Resp: 65
 Ion Ratio Lower Upper
 180 100
 182 227.7 47.3 142.0#
 145 53418.5 16.7 50.1#



#95
 Naphthalene
 Concen: 15.746 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion:128 Resp: 197984
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.5 15.7
 129 9.9 8.8 13.2

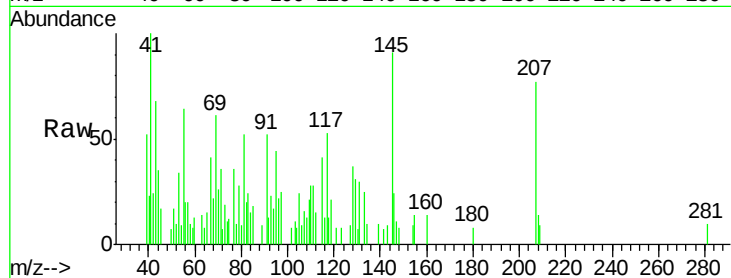




#96
 1,2,3-Trichlorobenzene
 Concen: 2.804 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Tot Ion:180 Resp: 132
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.7 143.1#
 145 7175.0 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

