

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059374.D
 Acq On : 22 Nov 2019 18:42
 Operator : JC/SP
 Sample : K5957-10DL 50X
 Misc : 5.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

Quant Time: Nov 22 19:05:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	357355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	548332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	475831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194110	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	203349	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	7.57	113	162145	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.08	98	661970	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	224154	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

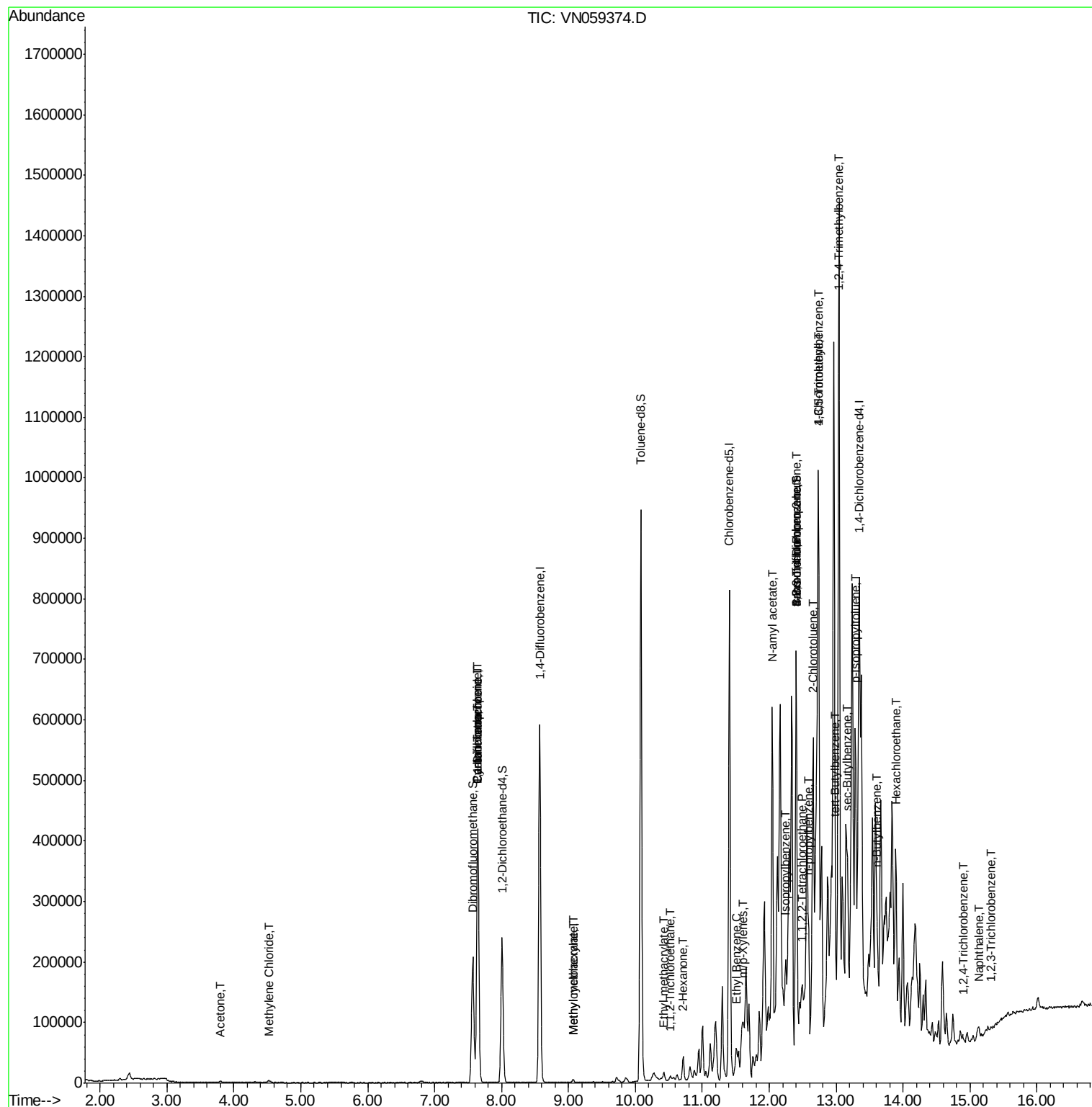
Target Compounds					Qvalue	
16) Acetone	3.80	43	3174	1.651	ug/l	93
20) Methylene Chloride	4.52	84	2700	0.623	ug/l #	94
31) Cyclohexane	7.64	56	6689	0.886	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	25693	4.539	ug/l #	50
38) Carbon Tetrachloride	7.64	117	33264	6.138	ug/l #	16
39) Methylcyclohexane	9.07	83	2426	0.355	ug/l #	85
48) Methyl methacrylate	9.07	41	1362	0.322	ug/l #	33
55) 1,1,2-Trichloroethane	10.53	97	2887	0.743	ug/l #	18
56) Ethyl methacrylate	10.43	69	1106	2.354	ug/l #	1
59) 2-Hexanone	10.72	43	16701	4.191	ug/l #	28
67) Ethyl Benzene	11.51	91	32916	1.802	ug/l	94
68) m/p-Xylenes	11.62	106	21458	3.161	ug/l	95
71) Bromoform	12.40	173	1049	0.373	ug/l #	1
73) Isopropylbenzene	12.25	105	45015	2.831	ug/l	100
74) N-amyl acetate	12.05	43	118348	18.519	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.48	83	8423	1.601	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	106082	23.656	ug/l #	100
78) n-propylbenzene	12.59	91	136909	7.601	ug/l	99
79) 2-Chlorotoluene	12.66	91	27807	2.515	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	246083	18.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	106082	59.167	ug/l #	15
82) 4-Chlorotoluene	12.73	91	27818	2.431	ug/l #	55
83) tert-Butylbenzene	12.99	119	8810	0.780	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	707233	54.012	ug/l	99
85) sec-Butylbenzene	13.17	105	79717	5.254	ug/l #	73
86) p-Isopropyltoluene	13.29	119	72357	5.359	ug/l	99
89) n-Butylbenzene	13.62	91	67376	5.688	ug/l #	80
90) Hexachloroethane	13.89	117	10234	4.002	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.91	180	204	2.985	ug/l #	1
95) Naphthalene	15.13	128	13831	4.300	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	374	1.990	ug/l #	19

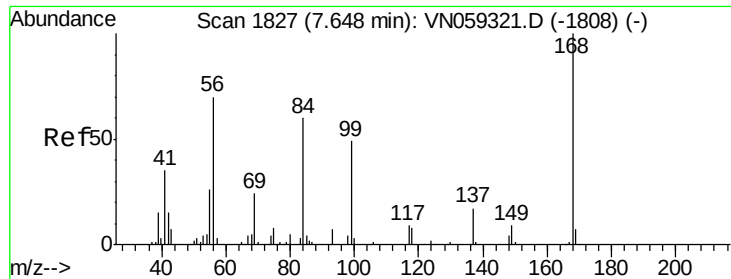
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

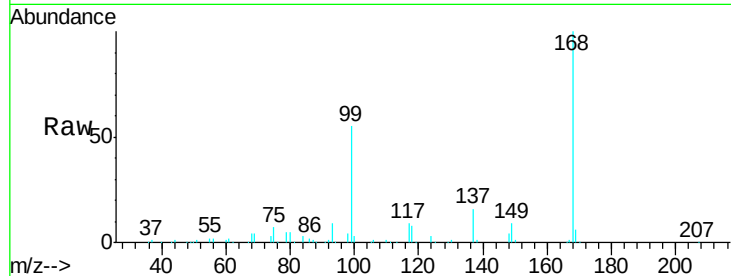
MW-4-(16-18)DL

Tgt Ion:168 Resp: 357355

Ion Ratio Lower Upper

168 100

99 54.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

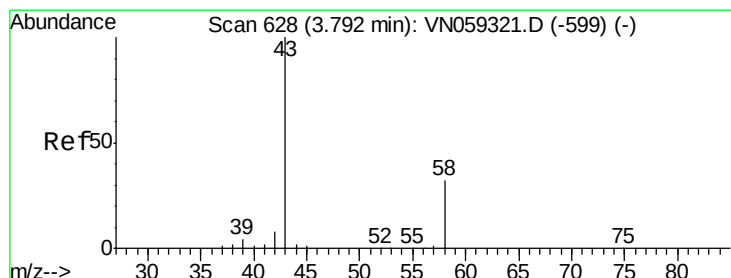
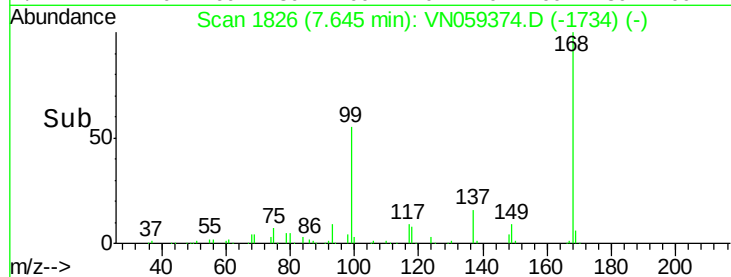
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.651 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059374.D

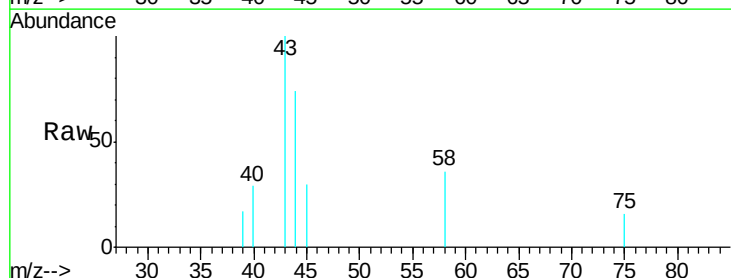
Acq: 22 Nov 2019 18:42

Tgt Ion: 43 Resp: 3174

Ion Ratio Lower Upper

43 100

58 36.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

1200

1000

800

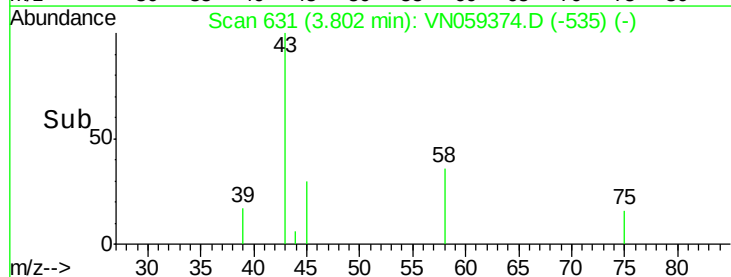
600

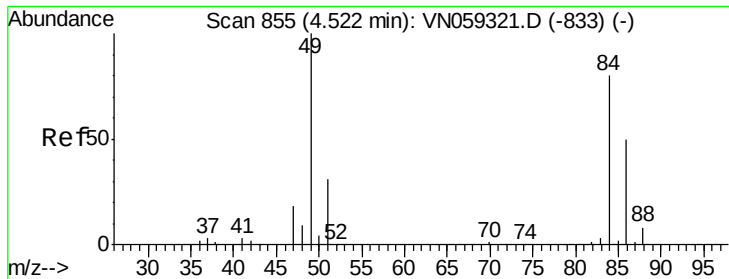
400

200

0

Time--> 3.70 3.75 3.80 3.85

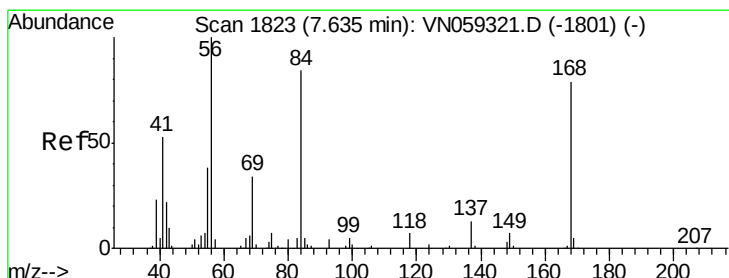
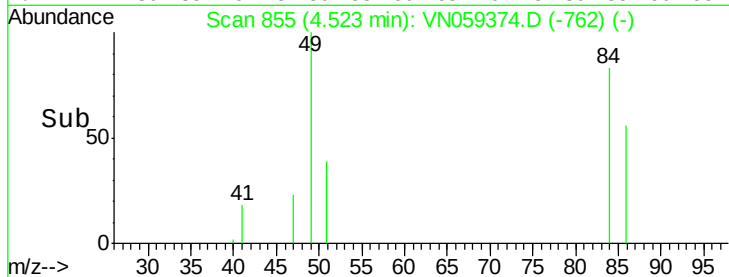
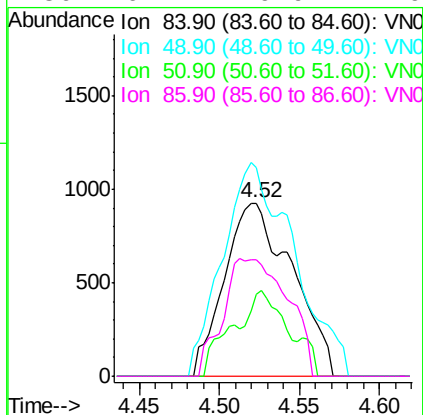
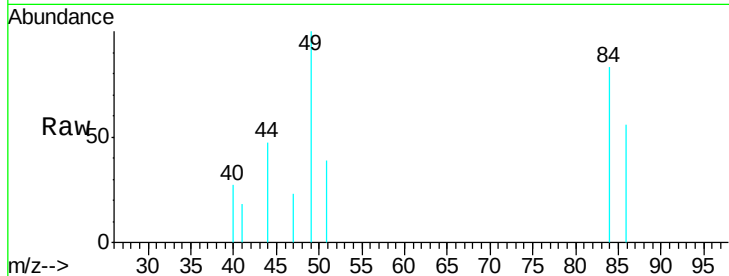




#20
Methylene Chloride
Concen: 0.623 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

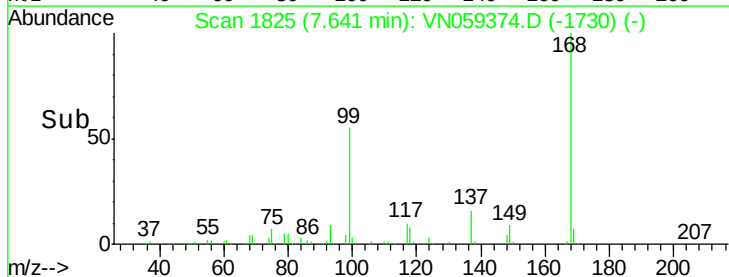
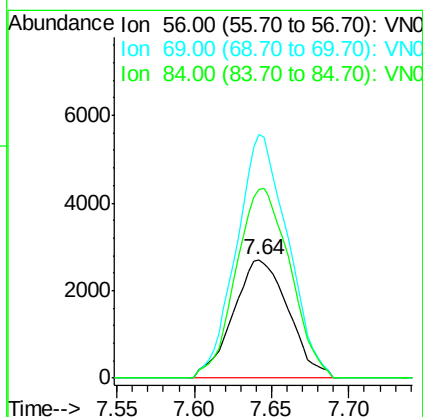
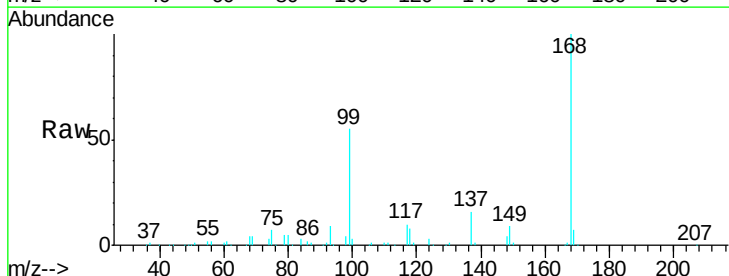
Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

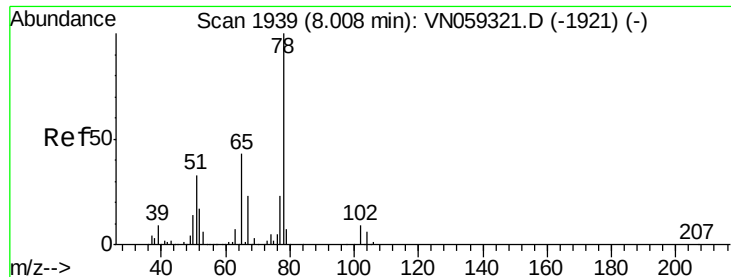
Tgt Ion:	84	Resp:	2700
Ion	Ratio	Lower	Upper
84	100		
49	120.1	99.5	149.3
51	47.0	31.1	46.7#
86	67.4	49.9	74.9



#31
Cyclohexane
Concen: 0.886 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion:	56	Resp:	6689
Ion	Ratio	Lower	Upper
56	100		
69	205.5	26.6	40.0#
84	159.0	67.0	100.4#

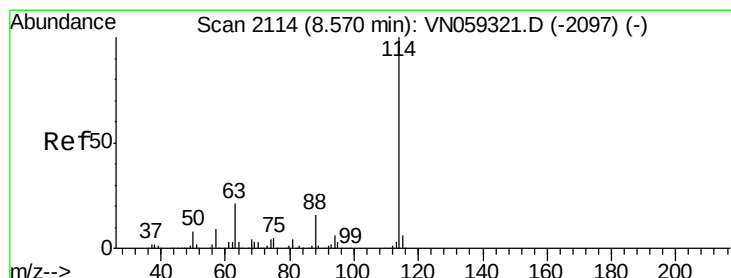
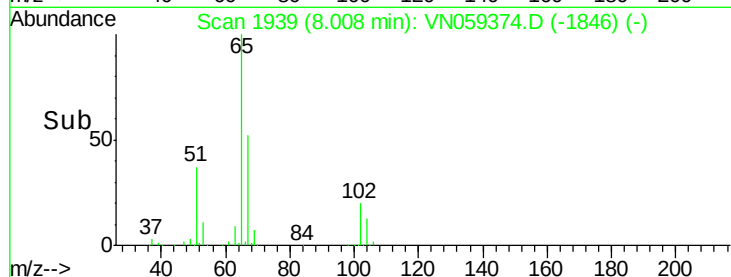
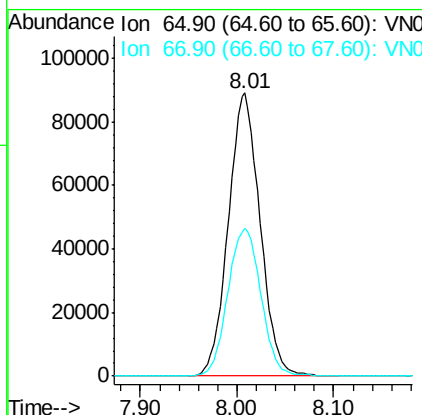
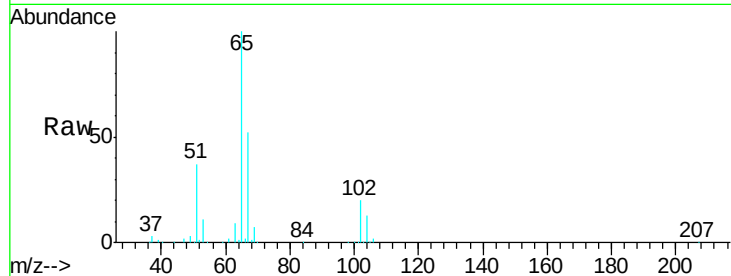




#33
 1,2-Dichloroethane-d4
 Concen: 47.426 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

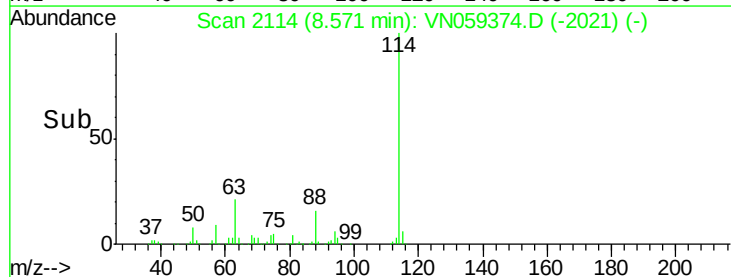
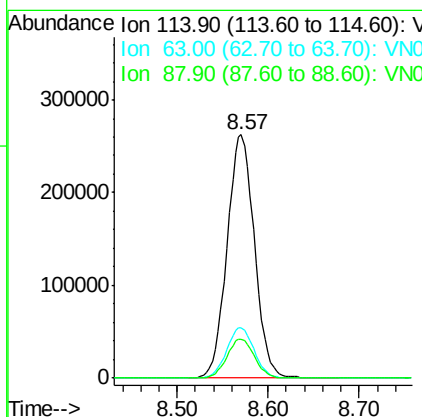
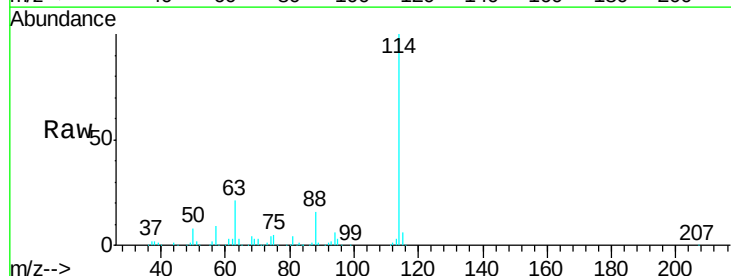
Instrument :
 MSVOA_N
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 MW-4-(16-18)DL

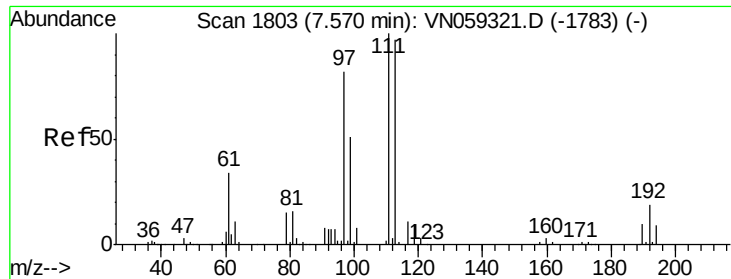
Tgt Ion: 65 Resp: 203349
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

Tgt Ion: 114 Resp: 548332
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 15.9 0.0 32.2

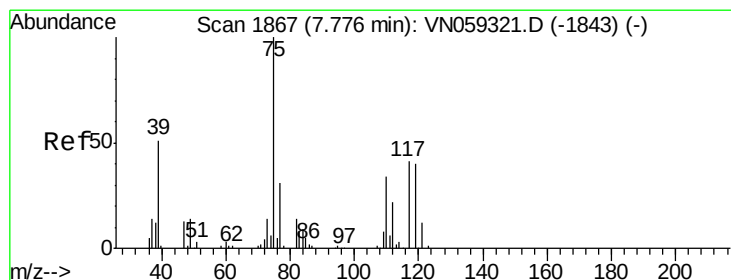
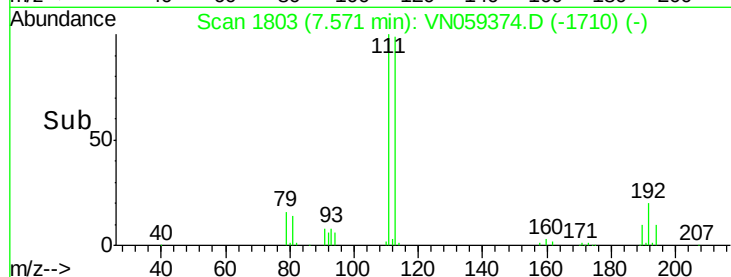
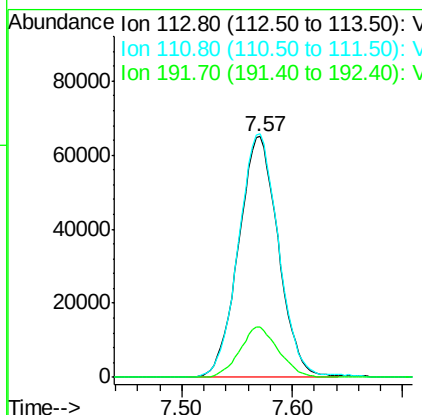
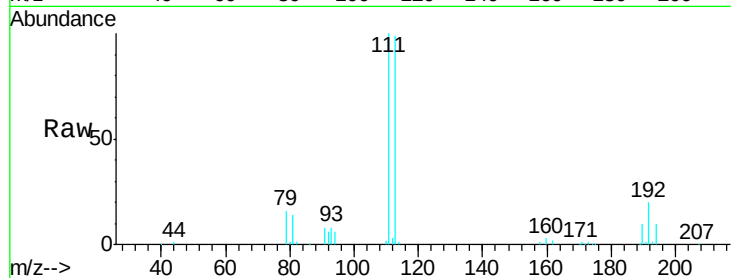




#35
 Dibromofluoromethane
 Concen: 49.289 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

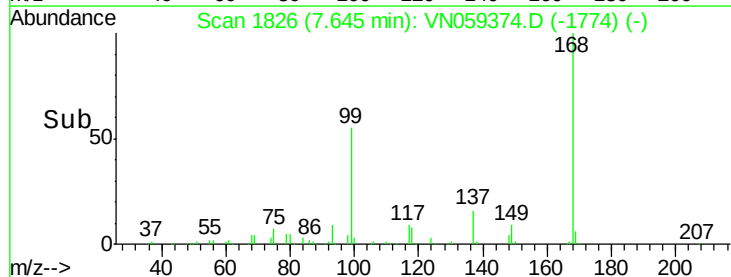
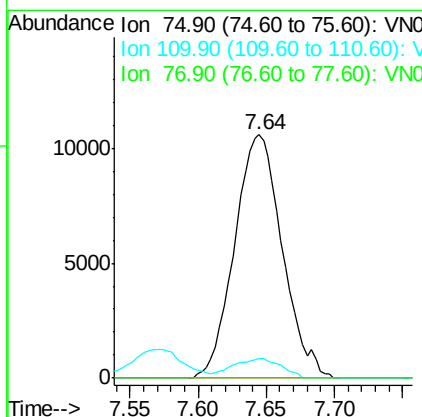
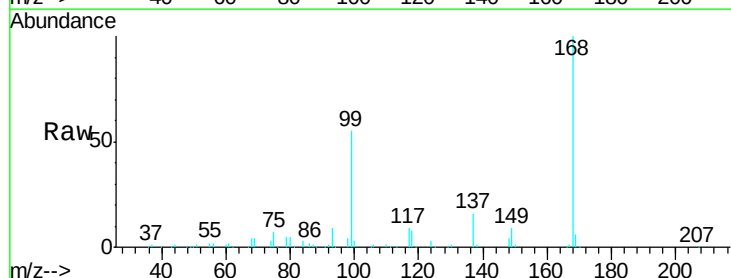
Instrument :
 MSVOA_N
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 MW-4-(16-18)DL

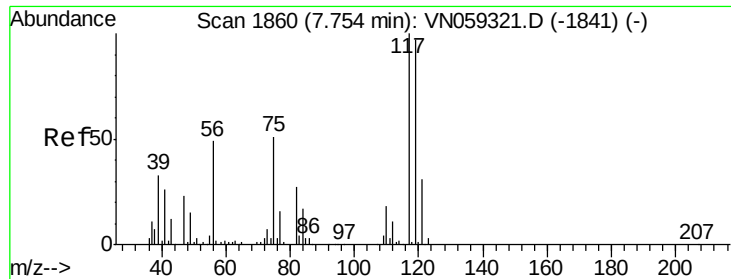
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	20.3	16.3	24.5



#36
 1,1-Dichloropropene
 Concen: 4.539 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.0	51.0#
77	0.0	24.8	37.2#

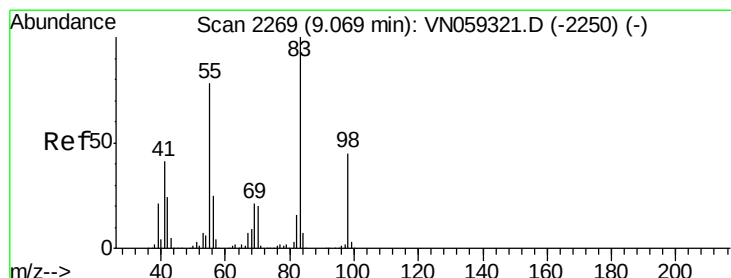
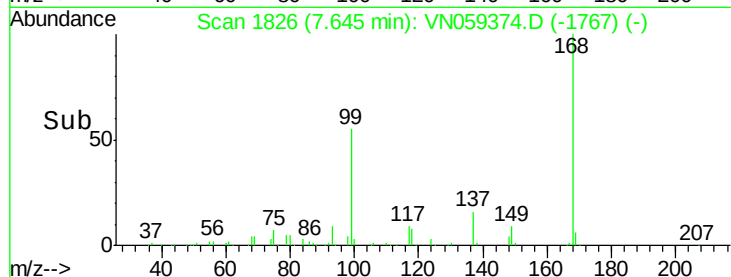
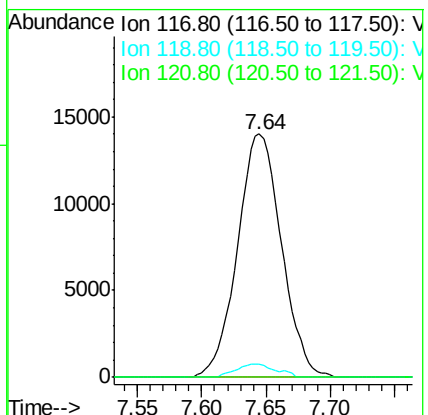
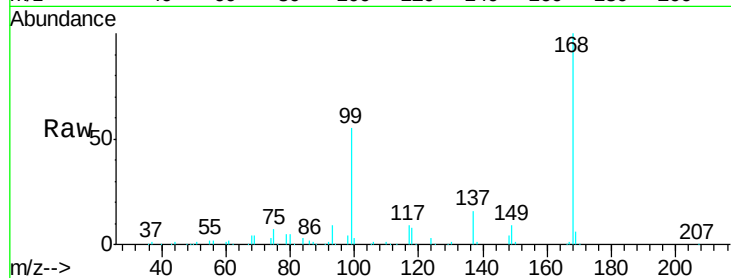




#38
Carbon Tetrachloride
Concen: 6.138 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

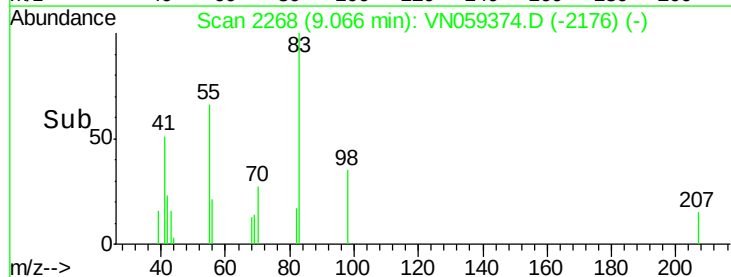
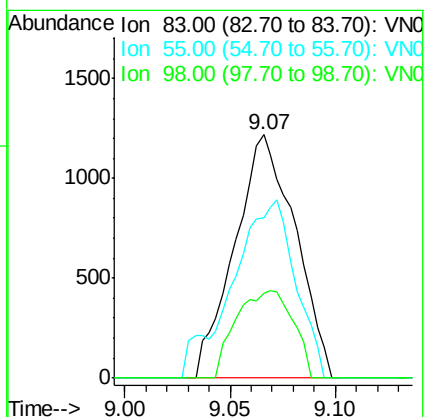
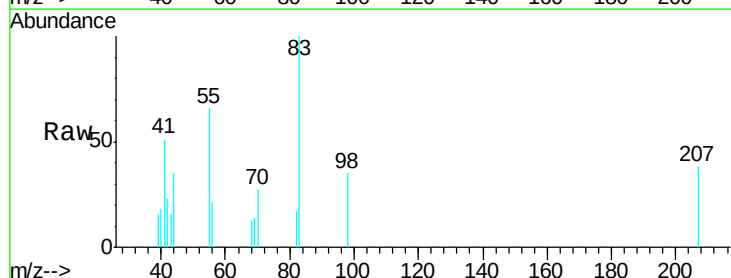
Instrument :
MSVOA_N
ClientSampled :
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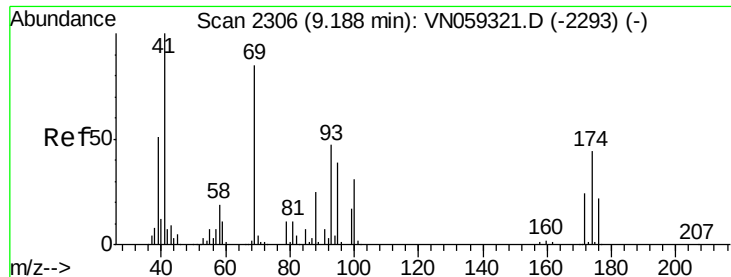
Tgt Ion:117 Resp: 33264
Ion Ratio Lower Upper
117 100
119 5.2 77.0 115.4#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.355 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion: 83 Resp: 2426
Ion Ratio Lower Upper
83 100
55 65.6 62.3 93.5
98 34.6 36.0 54.0#

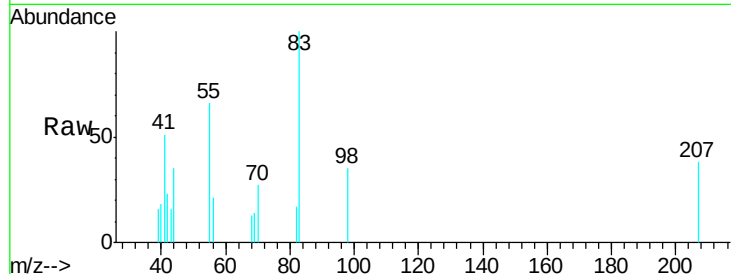




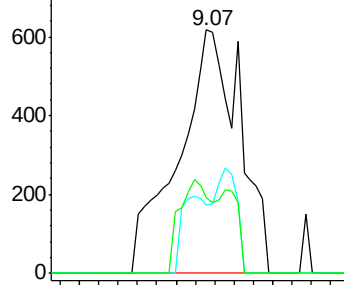
#48
Methyl methacrylate
Concen: 0.322 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.12 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
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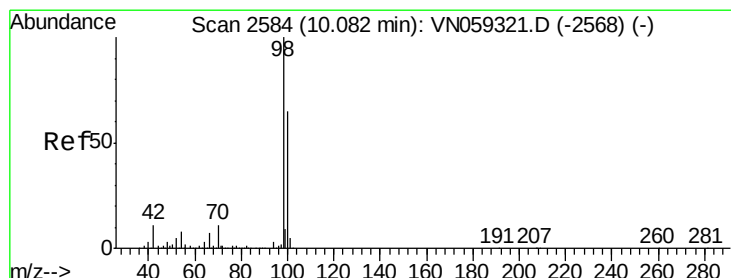
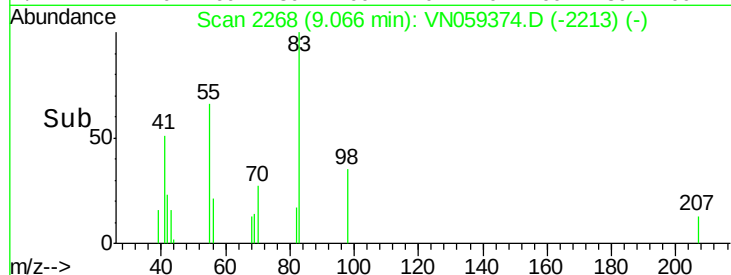
Tgt Ion: 41 Resp: 1362
Ion Ratio Lower Upper
41 100
69 12.9 68.8 103.2#
39 19.2 42.1 63.1#



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

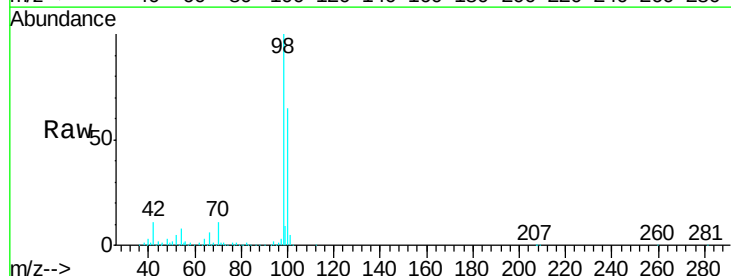


Time-->

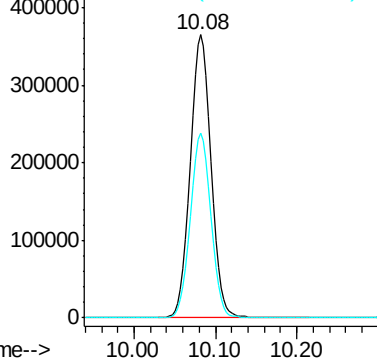


#50
Toluene-d8
Concen: 50.617 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

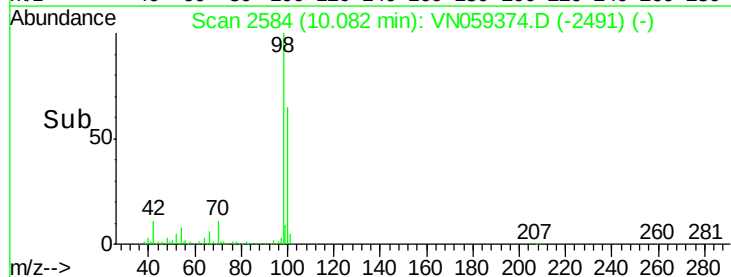
Tgt Ion: 98 Resp: 661970
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5

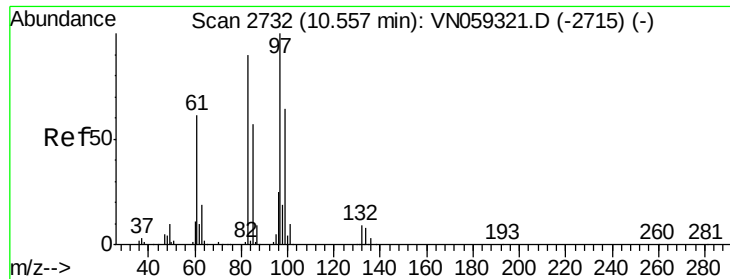


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



Time-->

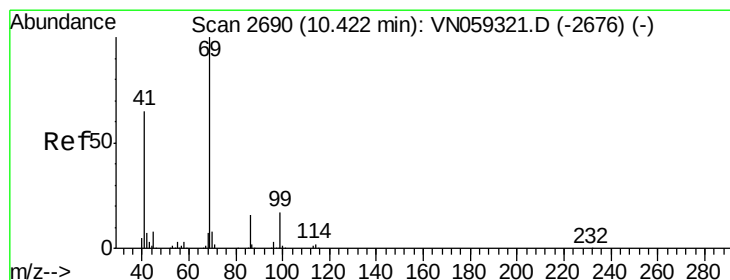
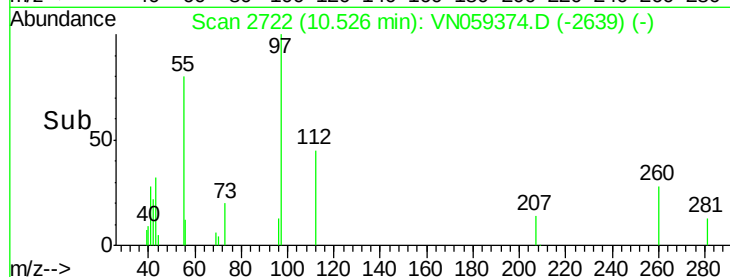
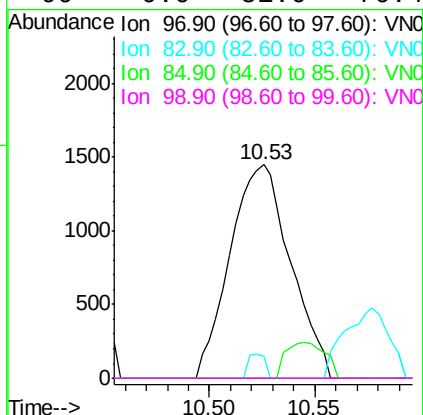
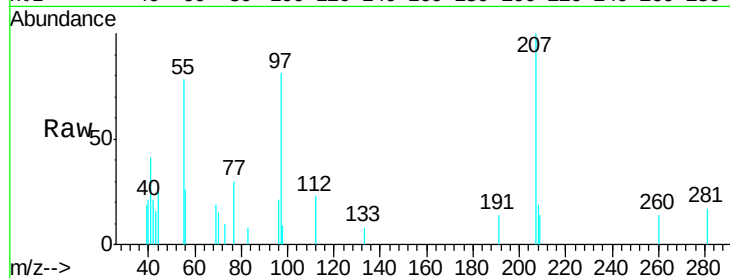




#55
 1,1,2-Trichloroethane
 Concen: 0.743 ug/l
 RT: 10.53 min Scan# 2722
 Delta R.T. -0.03 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

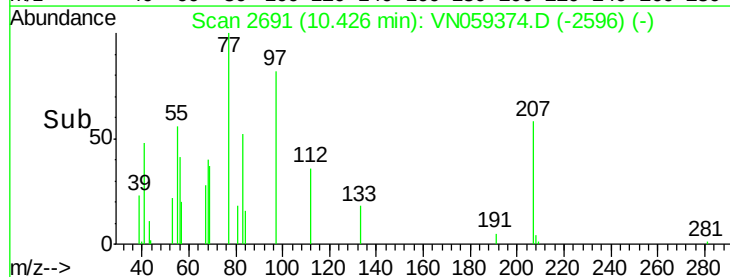
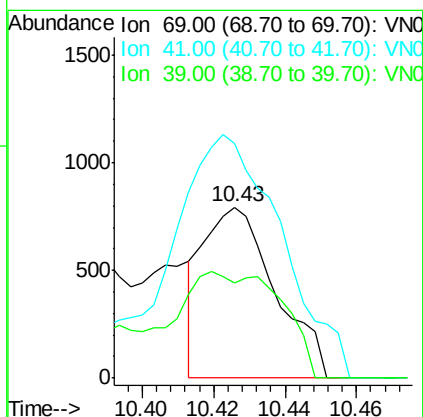
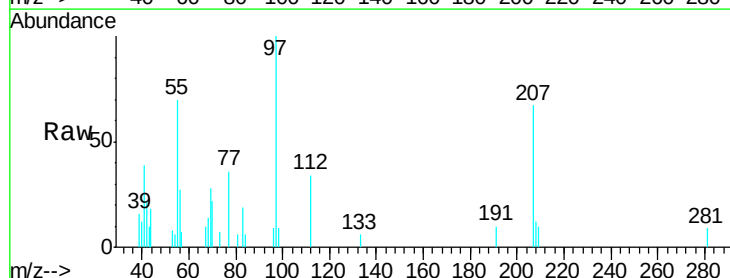
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

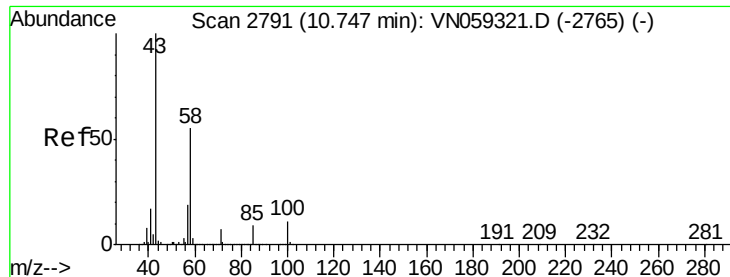
Tgt Ion: 97 Resp: 2887
 Ion Ratio Lower Upper
 97 100
 83 10.4 72.0 108.0#
 85 0.0 45.8 68.6#
 99 0.0 51.0 76.4#



#56
 Ethyl methacrylate
 Concen: 2.354 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

Tgt Ion: 69 Resp: 1106
 Ion Ratio Lower Upper
 69 100
 41 208.9 51.7 77.5#
 39 20.3 25.2 37.8#

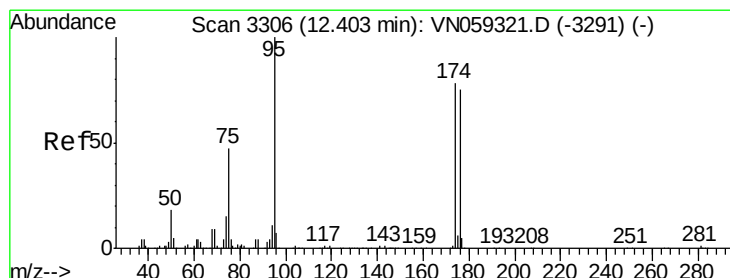
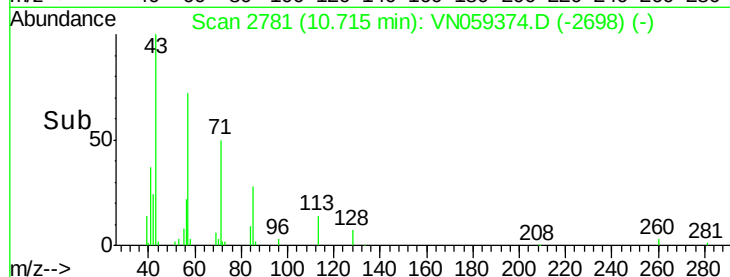
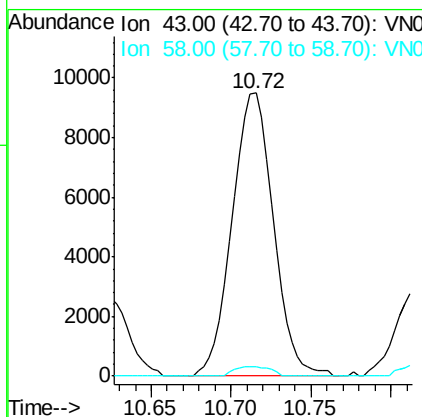
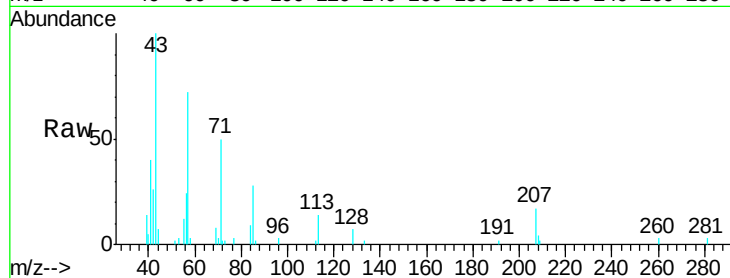




#59
2-Hexanone
Concen: 4.191 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.03 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

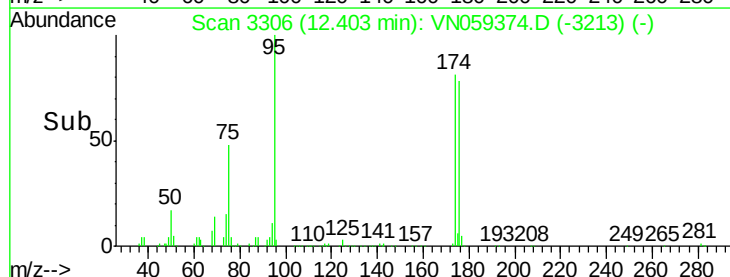
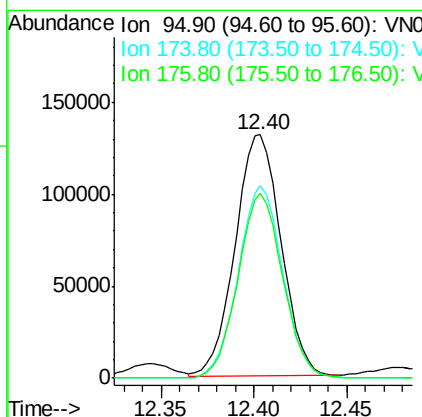
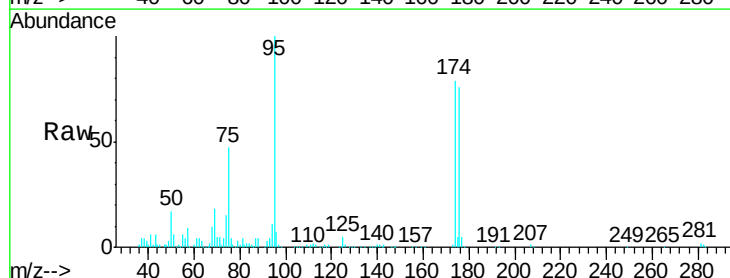
Instrument :
MSVOA_N
ClientSampled :
MW-4-(16-18)DL

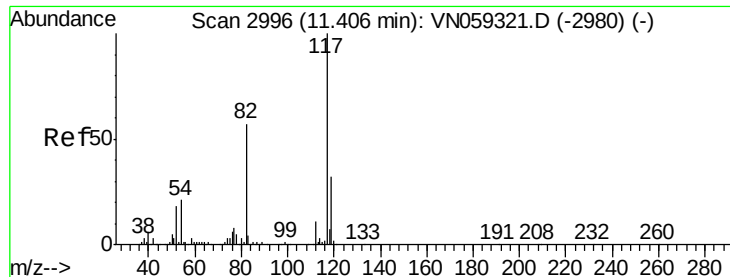
Tgt Ion: 43 Resp: 16701
Ion Ratio Lower Upper
43 100
58 2.9 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 49.019 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion: 95 Resp: 224154
Ion Ratio Lower Upper
95 100
174 77.8 0.0 157.4
176 75.0 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

MW-4-(16-18)DL

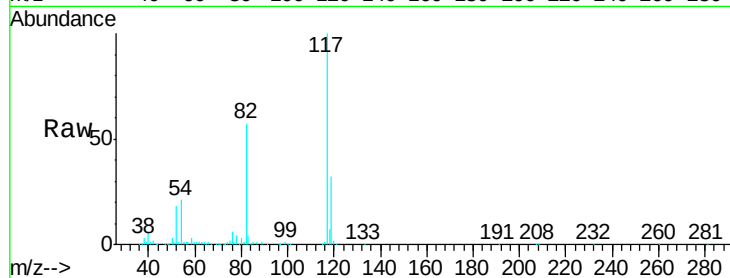
Tgt Ion:117 Resp: 475831

Ion Ratio Lower Upper

117 100

82 56.6 45.7 68.5

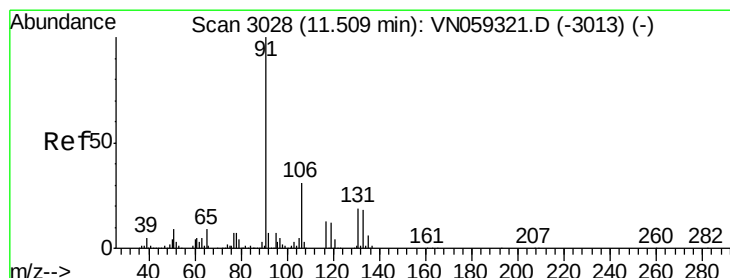
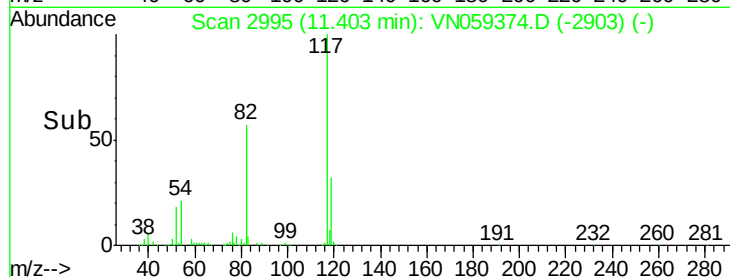
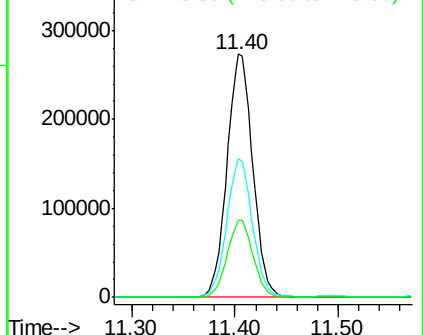
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.802 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059374.D

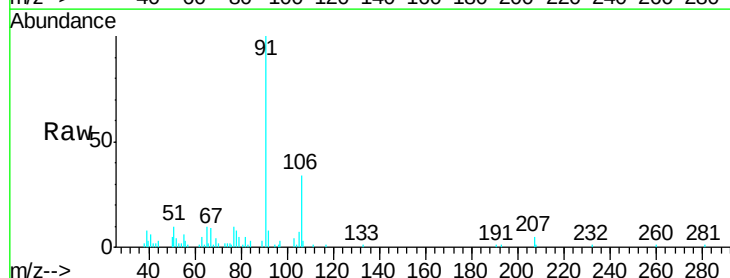
Acq: 22 Nov 2019 18:42

Tgt Ion: 91 Resp: 32916

Ion Ratio Lower Upper

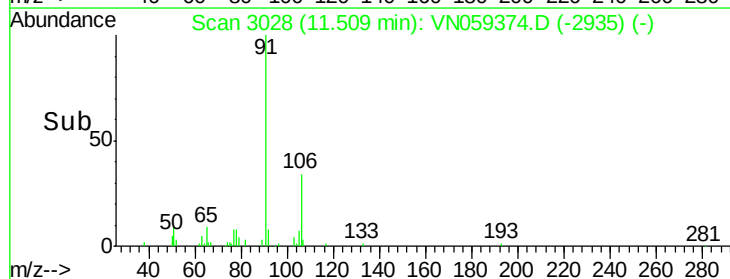
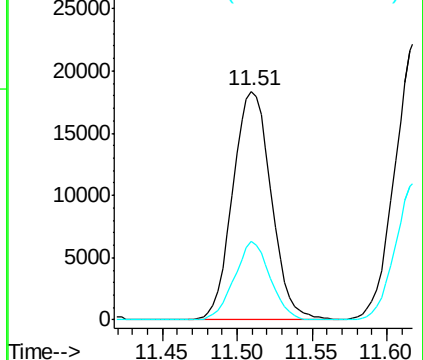
91 100

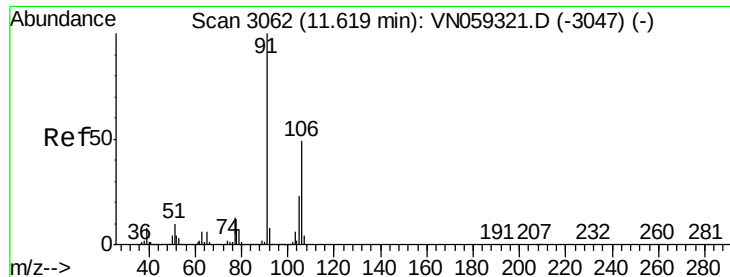
106 34.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

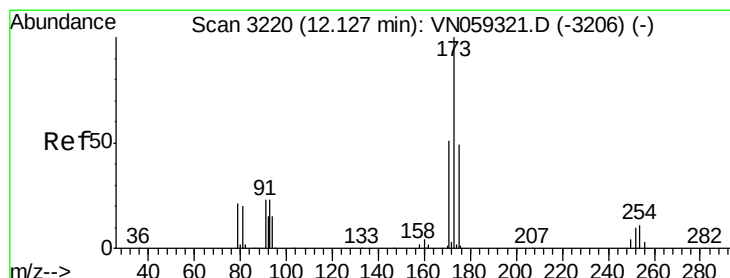
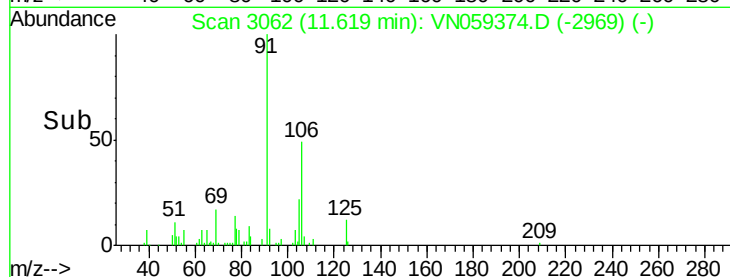
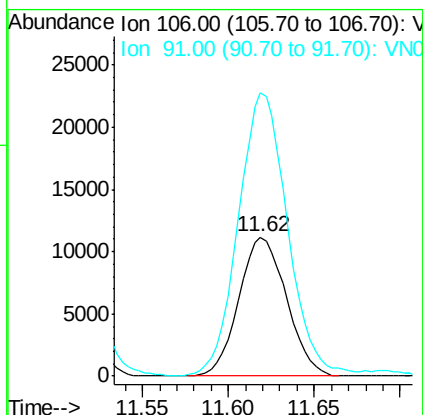
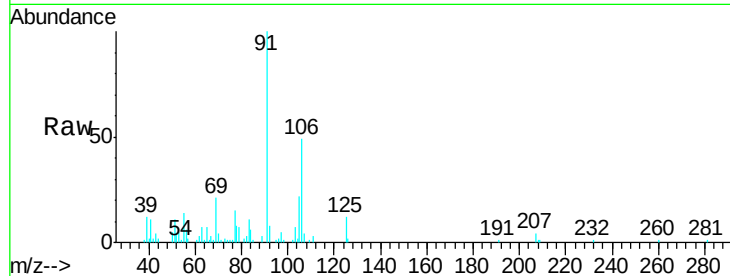




#68
m/p-Xylenes
Concen: 3.161 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

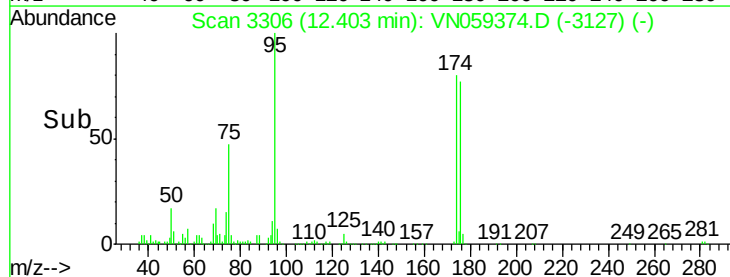
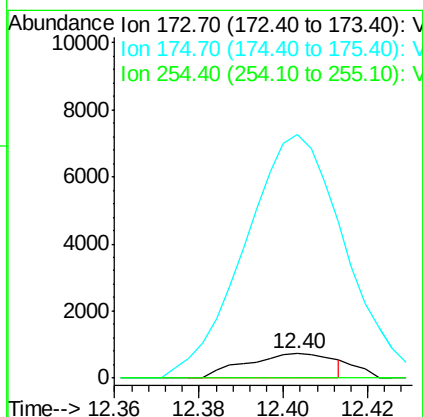
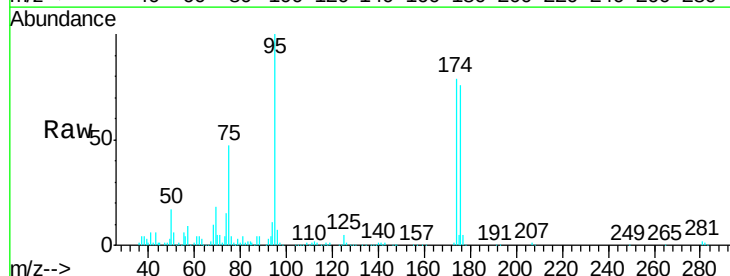
Instrument :
MSVOA_N
ClientSampled :
MW-4-(16-18)DL

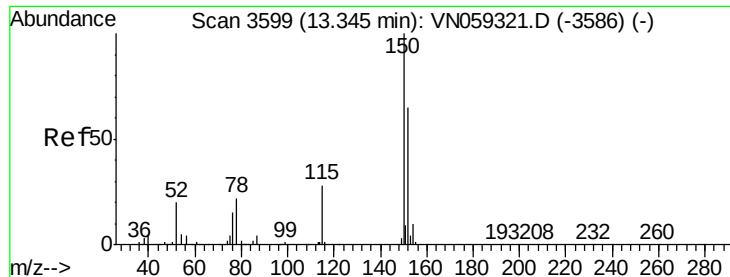
Tgt Ion:106 Resp: 21458
Ion Ratio Lower Upper
106 100
91 211.4 163.2 244.8



#71
Bromoform
Concen: 0.373 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion:173 Resp: 1049
Ion Ratio Lower Upper
173 100
175 978.4 24.6 73.6#
254 0.0 0.1 0.1#

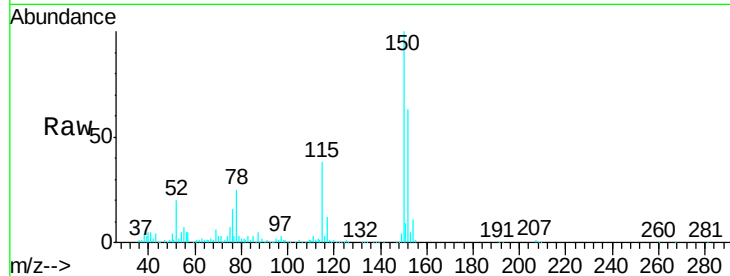




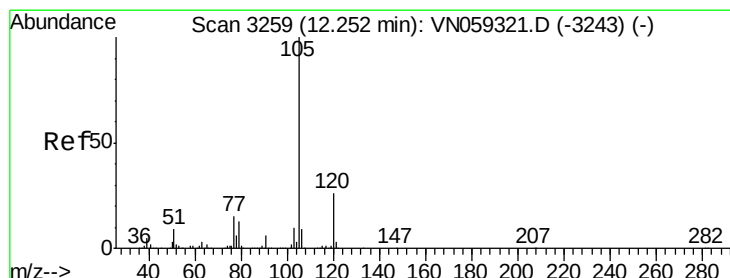
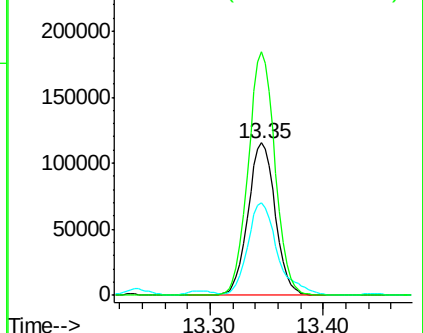
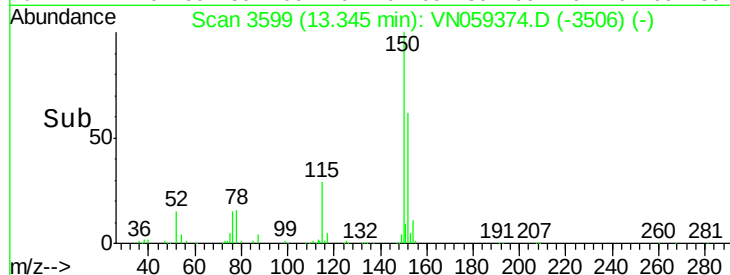
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	29.3	88.0
150	156.5	0.0	346.0

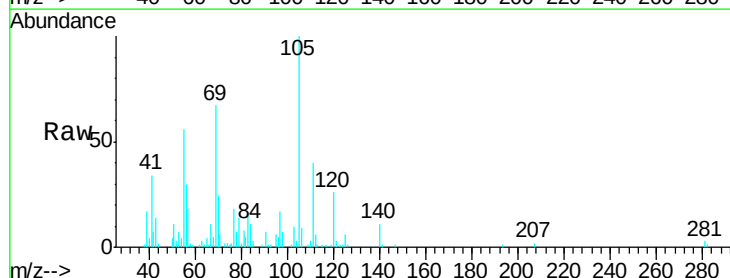


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

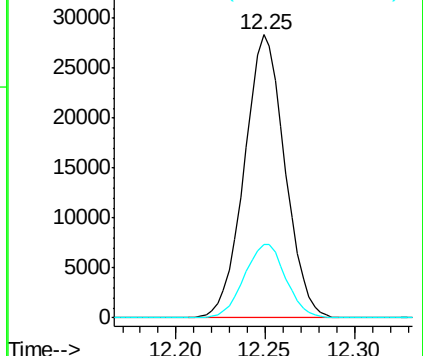
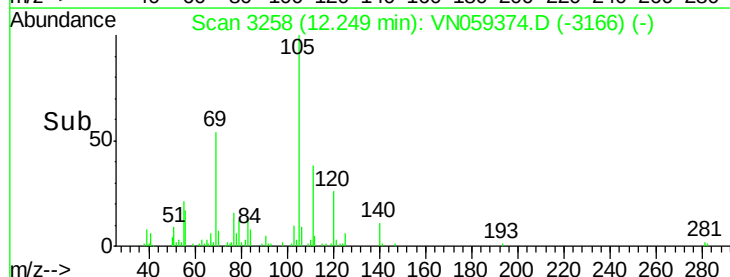


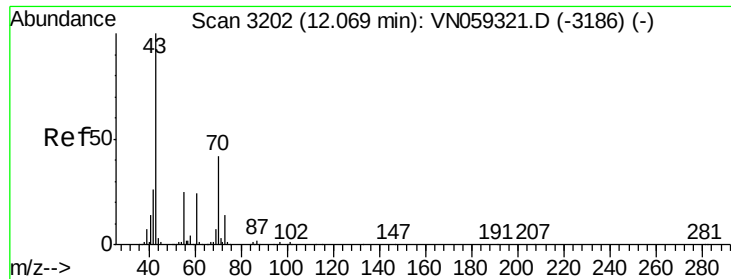
#73
 Isopropylbenzene
 Concen: 2.831 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 18.519 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(16-18)DL

Tgt Ion: 43 Resp: 118348

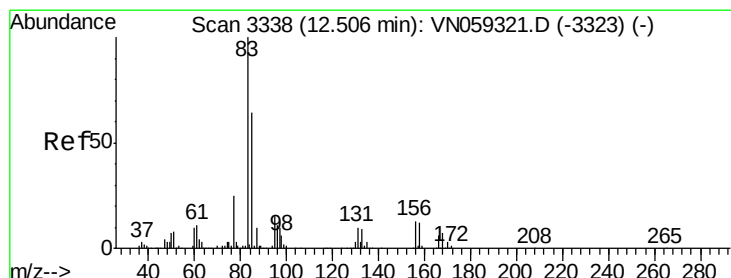
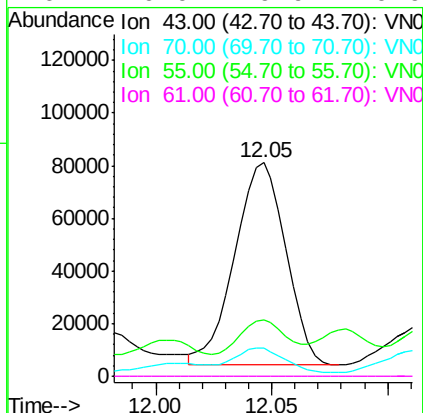
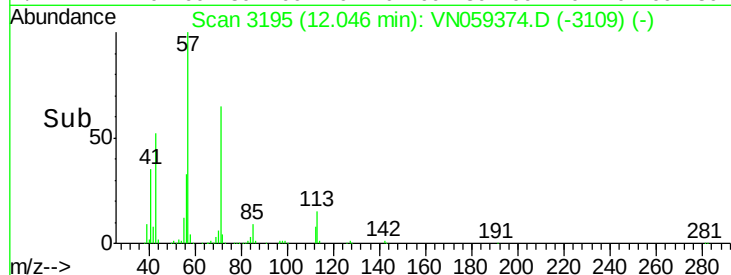
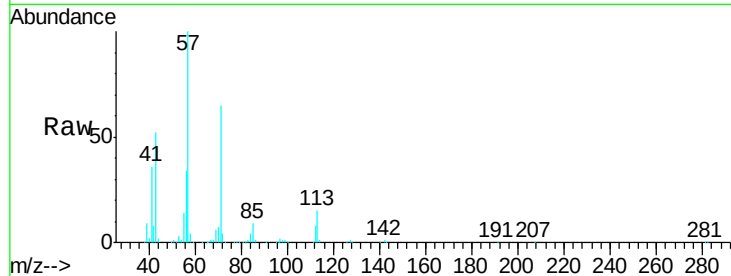
Ion Ratio Lower Upper

43 100

70 11.7 33.8 50.6#

55 21.8 20.3 30.5

61 0.0 19.9 29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.601 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.03 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

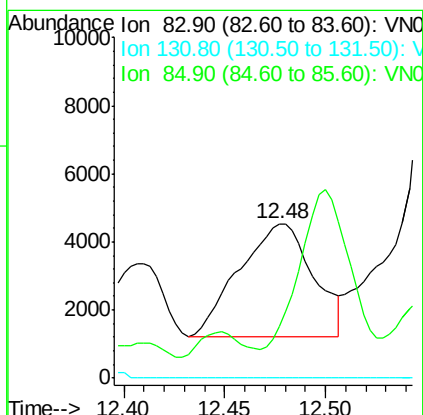
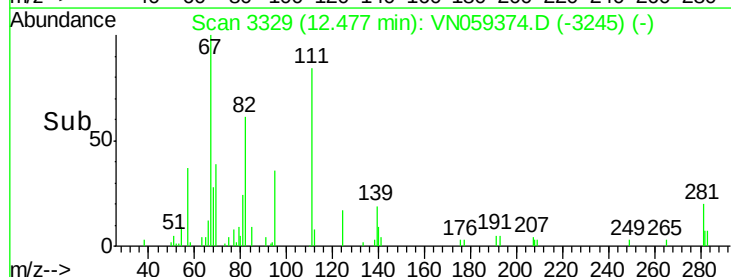
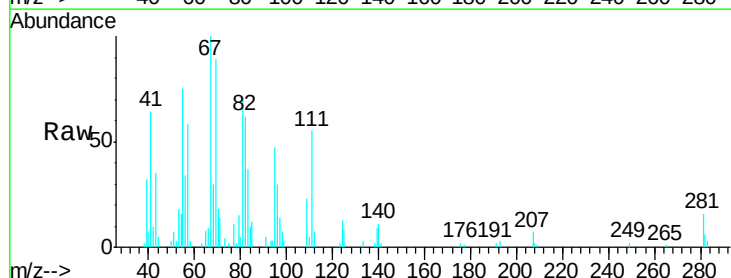
Tgt Ion: 83 Resp: 8423

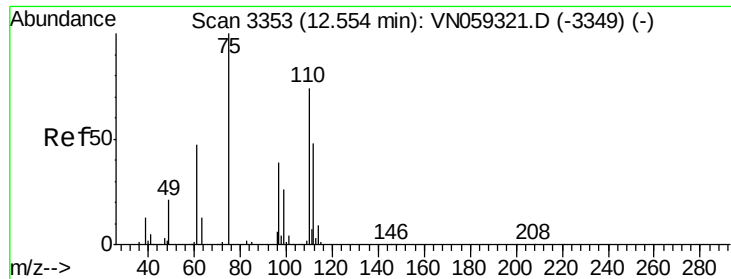
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 23.656 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

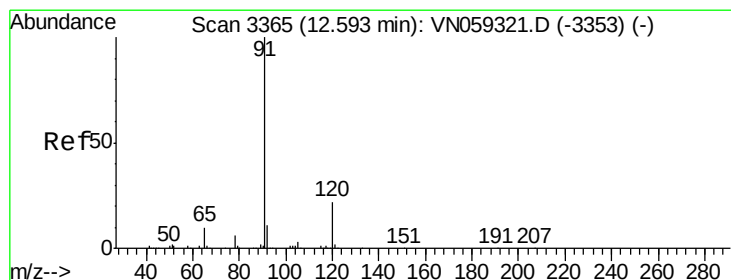
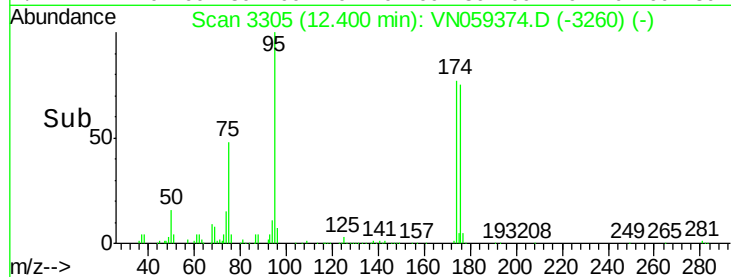
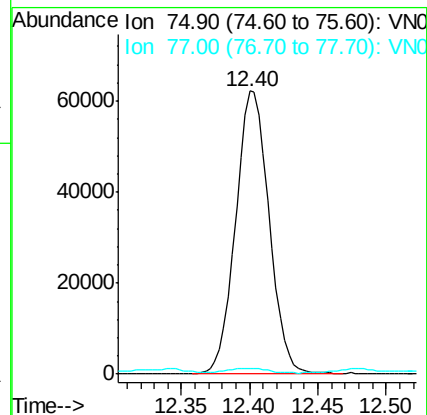
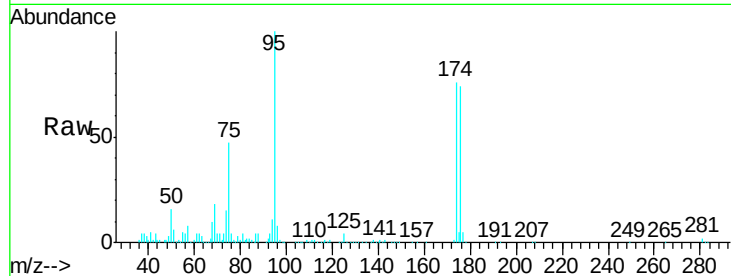
MW-4-(16-18)DL

Tgt Ion: 75 Resp: 106082

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#78

n-propylbenzene

Concen: 7.601 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059374.D

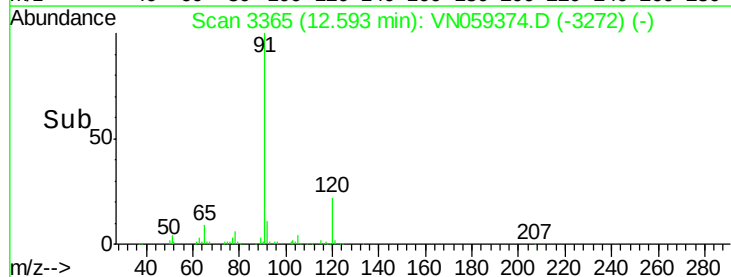
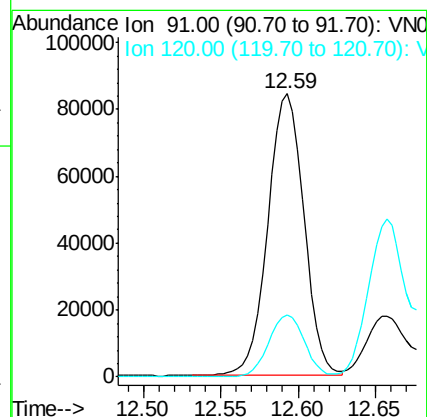
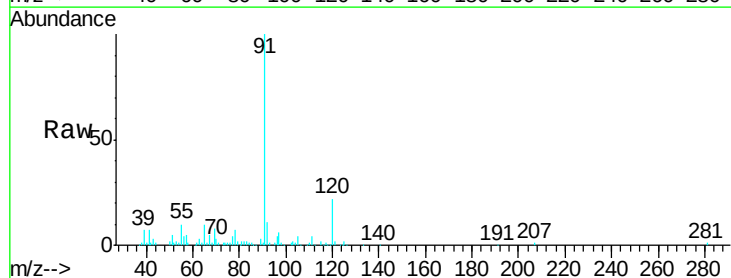
Acq: 22 Nov 2019 18:42

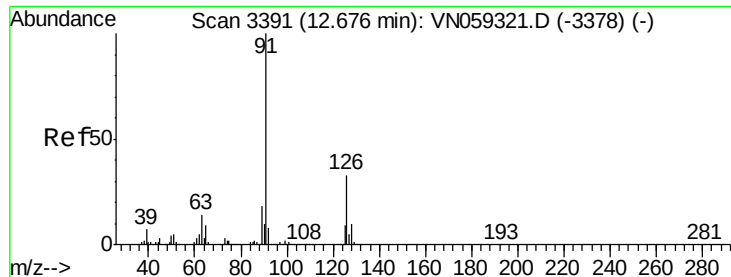
Tgt Ion: 91 Resp: 136909

Ion Ratio Lower Upper

91 100

120 21.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 2.515 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

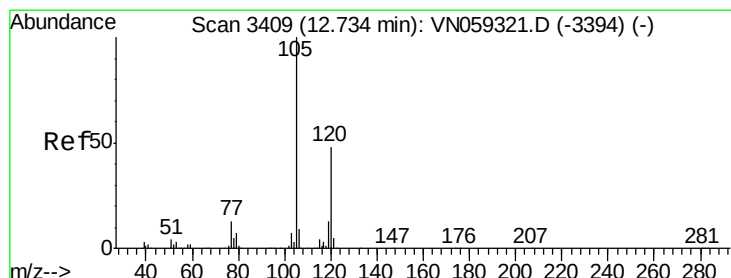
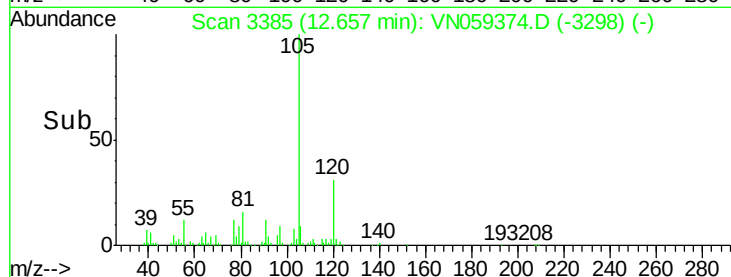
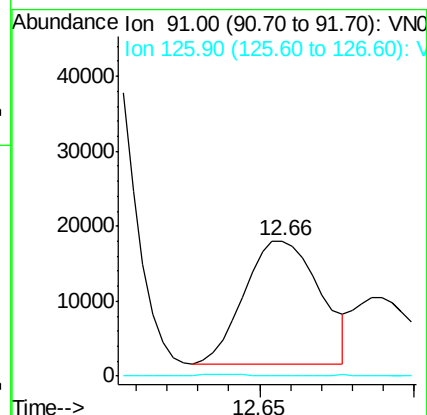
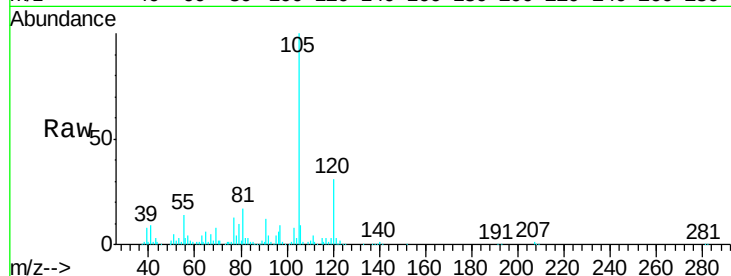
MW-4-(16-18)DL

Tgt Ion: 91 Resp: 27807

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



#80

1,3,5-Trimethylbenzene

Concen: 18.410 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059374.D

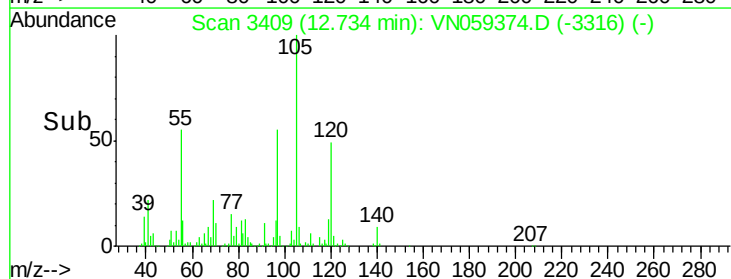
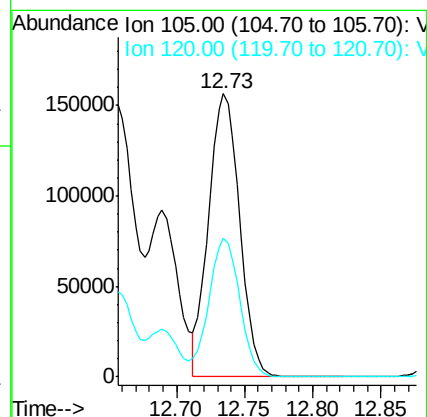
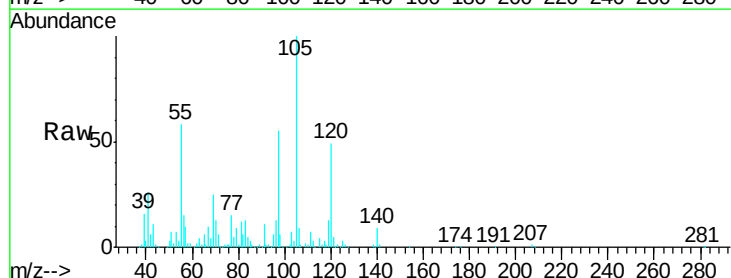
Acq: 22 Nov 2019 18:42

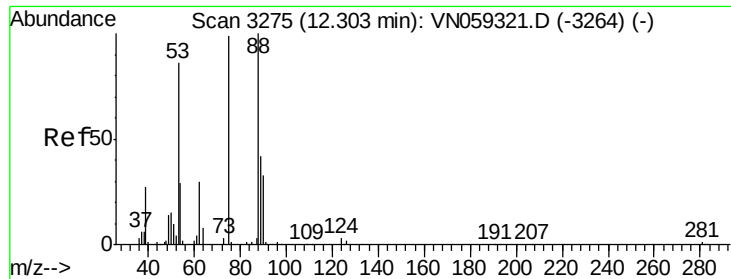
Tgt Ion: 105 Resp: 246083

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 59.167 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

MW-4-(16-18)DL

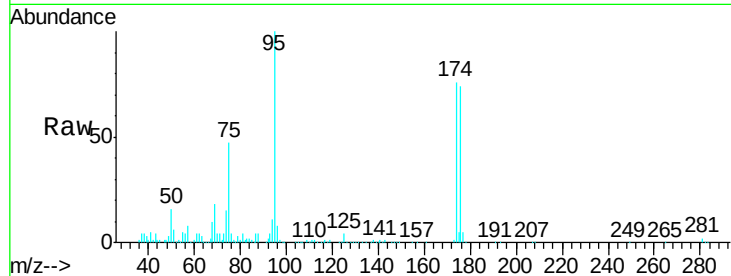
Tgt Ion: 75 Resp: 106082

Ion Ratio Lower Upper

75 100

53 0.8 70.7 106.1#

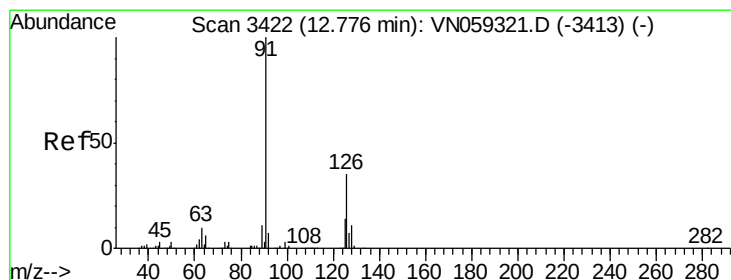
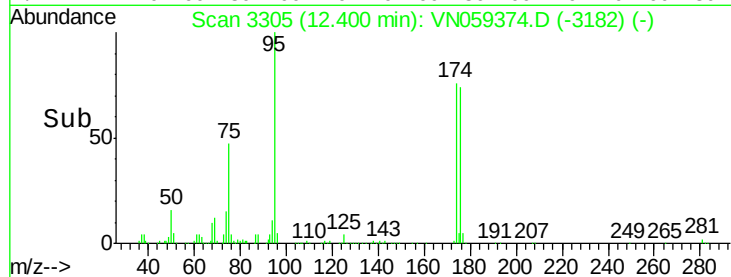
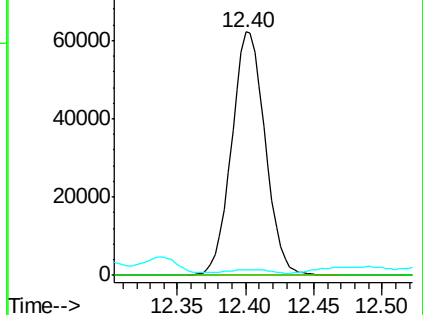
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 2.431 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN059374.D

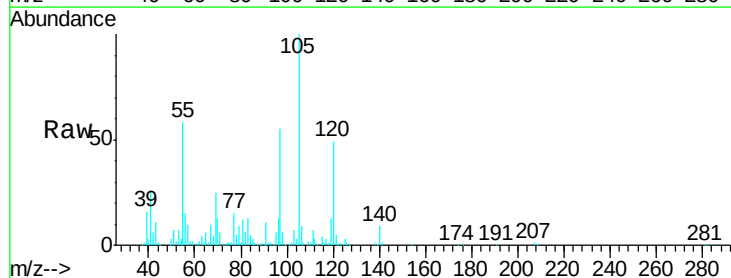
Acq: 22 Nov 2019 18:42

Tgt Ion: 91 Resp: 27818

Ion Ratio Lower Upper

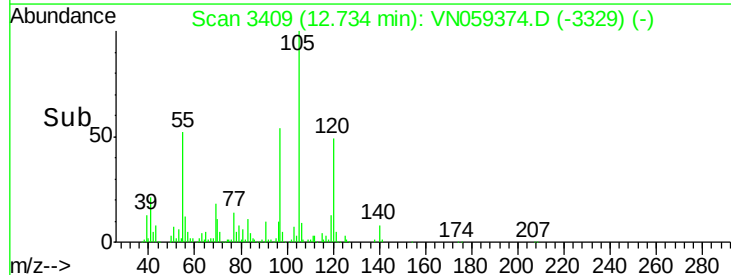
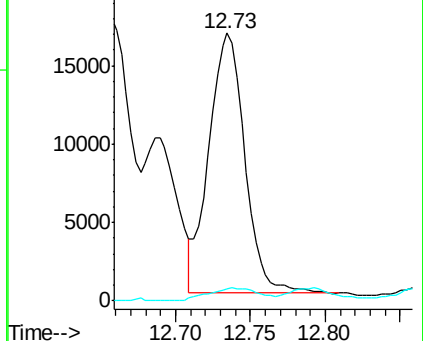
91 100

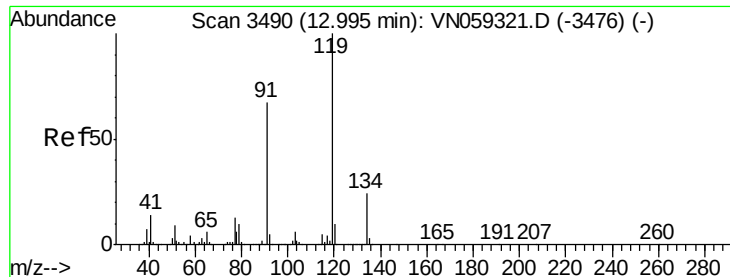
126 7.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

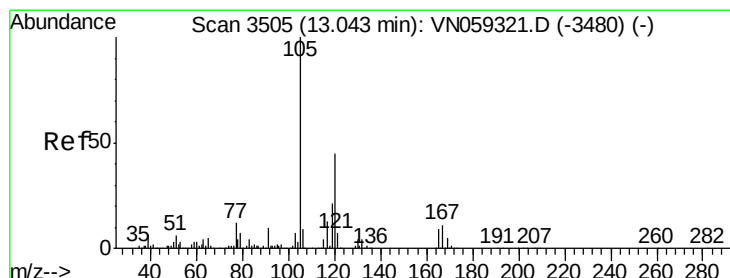
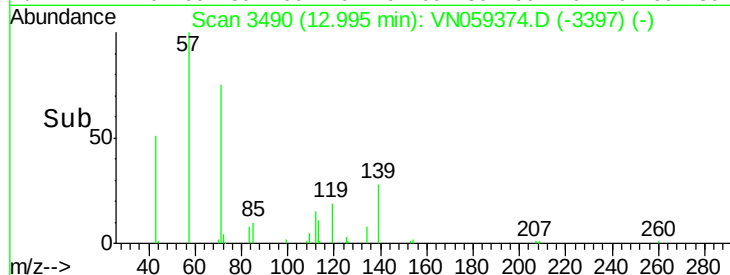
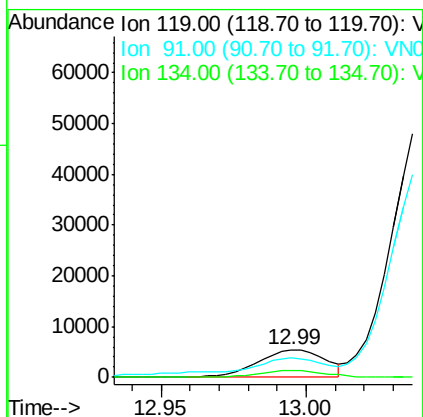
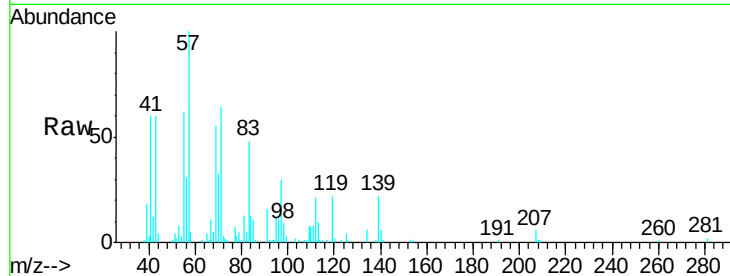




#83
 tert-Butylbenzene
 Concen: 0.780 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

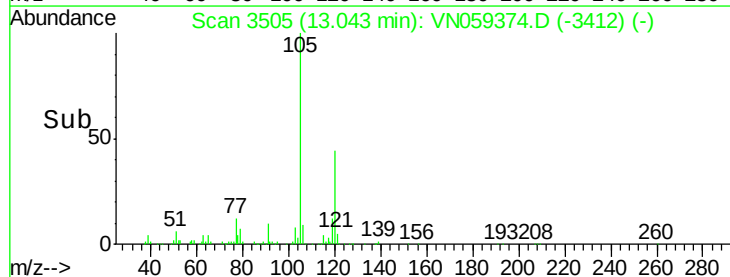
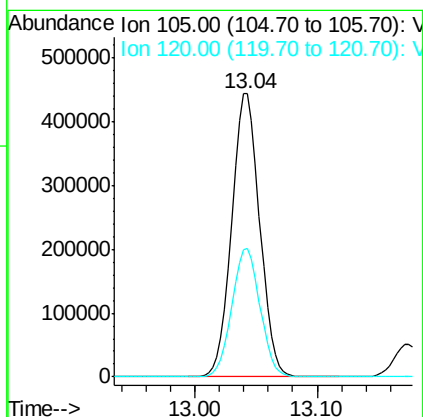
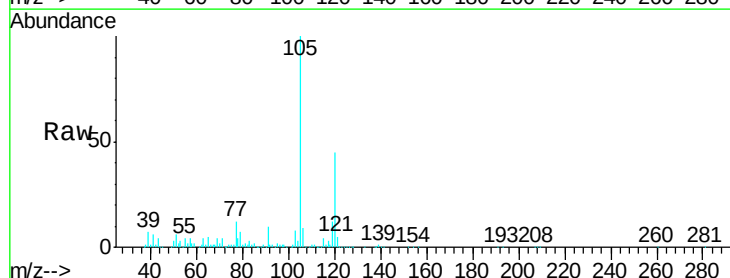
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

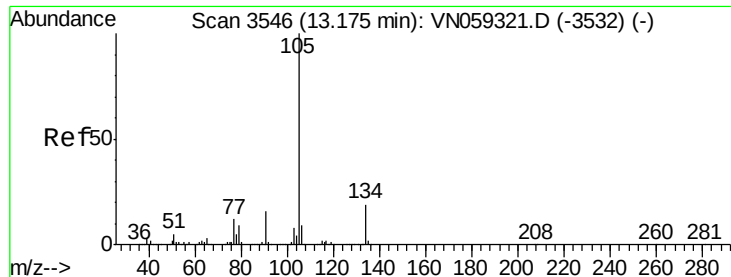
Tgt Ion:119 Resp: 8810
 Ion Ratio Lower Upper
 119 100
 91 73.5 32.8 98.4
 134 24.5 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.012 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

Tgt Ion:105 Resp: 707233
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 5.254 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

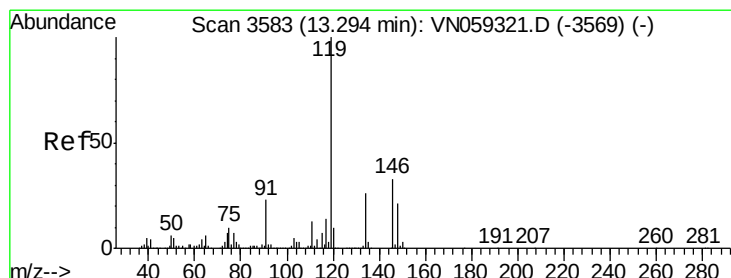
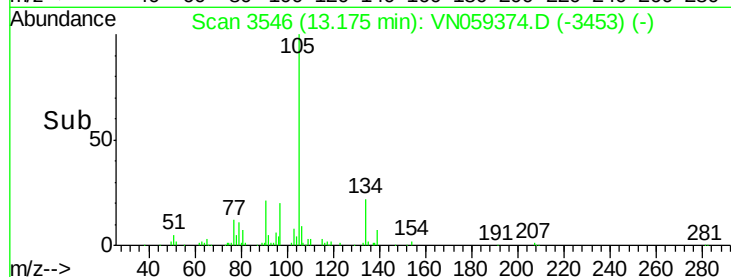
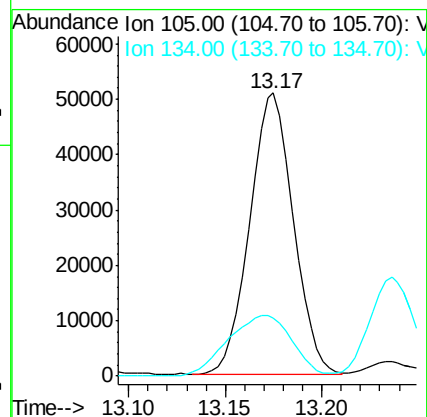
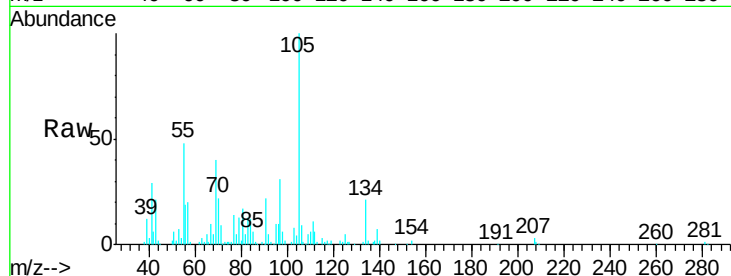
MW-4-(16-18)DL

Tgt Ion:105 Resp: 79717

Ion Ratio Lower Upper

105 100

134 31.7 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 5.359 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

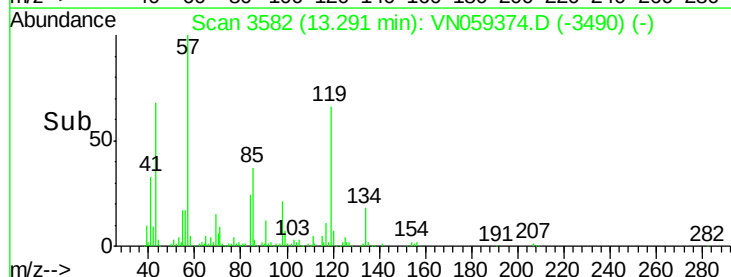
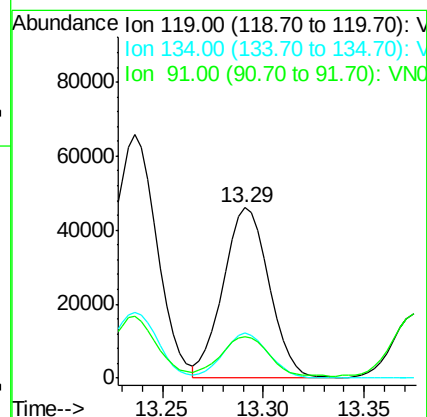
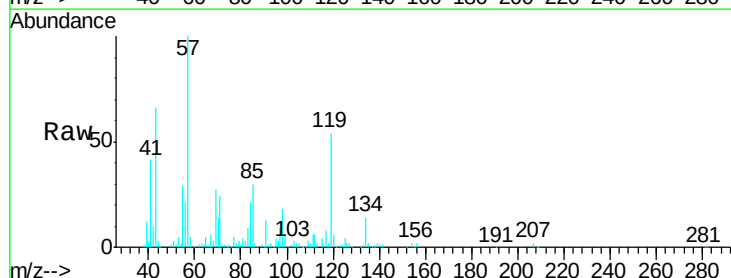
Tgt Ion:119 Resp: 72357

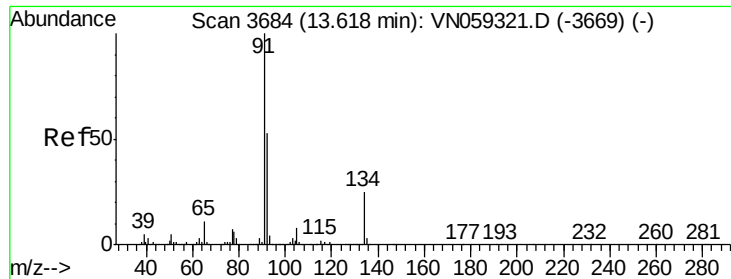
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 23.5 11.6 34.7





#89

n-Butylbenzene

Concen: 5.688 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(16-18)DL

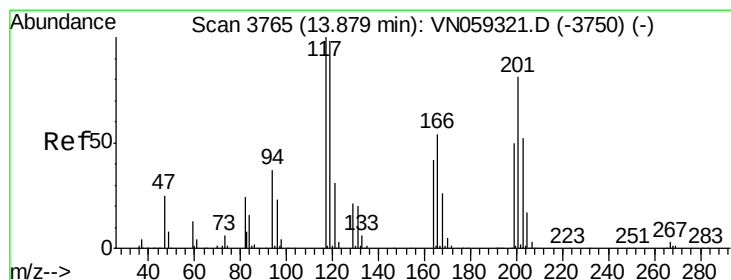
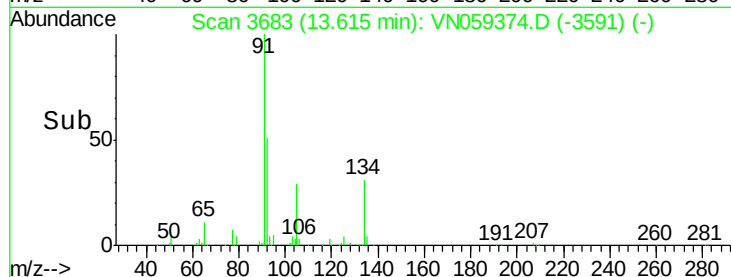
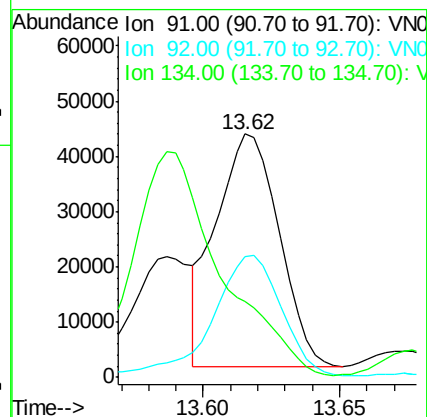
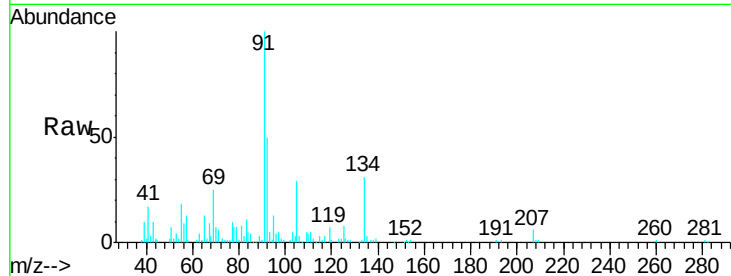
Tgt Ion: 91 Resp: 67376

Ion Ratio Lower Upper

91 100

92 56.1 26.0 78.0

134 0.0 12.7 38.1#



#90

Hexachloroethane

Concen: 4.002 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN059374.D

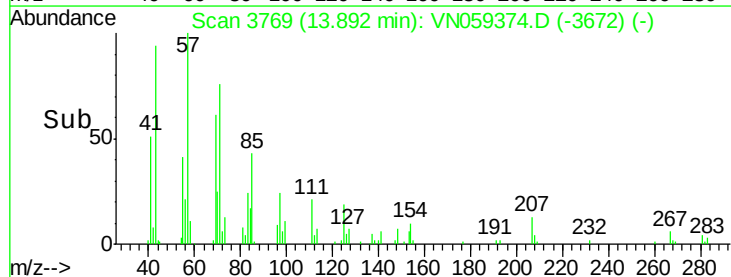
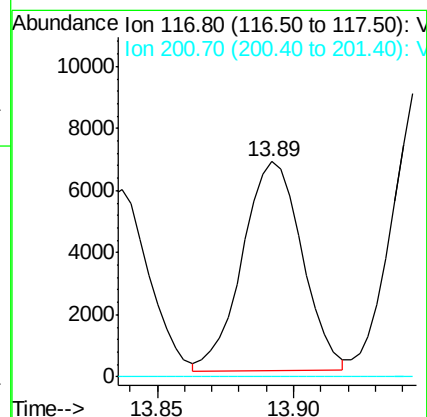
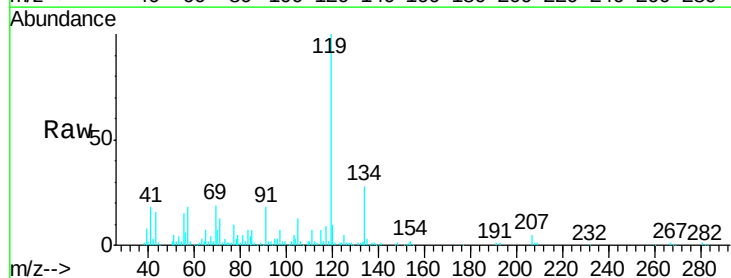
Acq: 22 Nov 2019 18:42

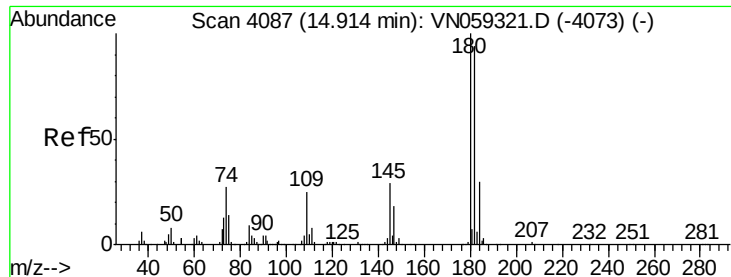
Tgt Ion: 117 Resp: 10234

Ion Ratio Lower Upper

117 100

201 0.0 40.4 121.2#





#93

1,2,4-Trichlorobenzene

Concen: 2.985 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

MW-4-(16-18)DL

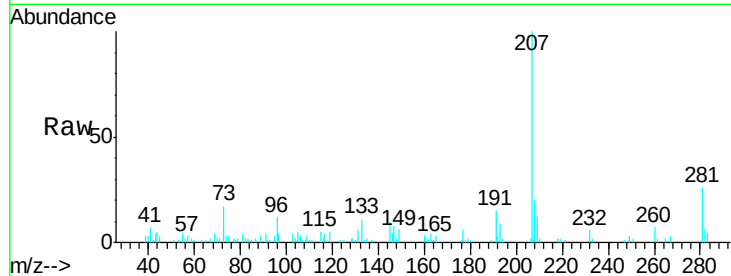
Tgt Ion:180 Resp: 204

Ion Ratio Lower Upper

180 100

182 15.2 47.2 141.6#

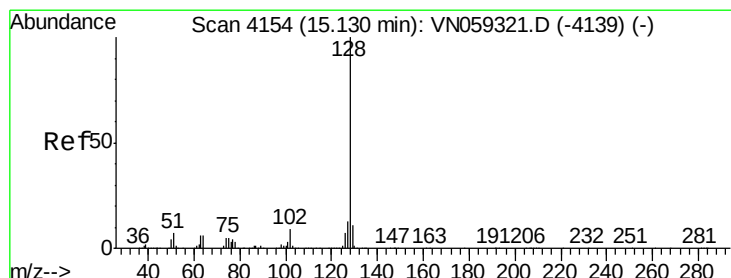
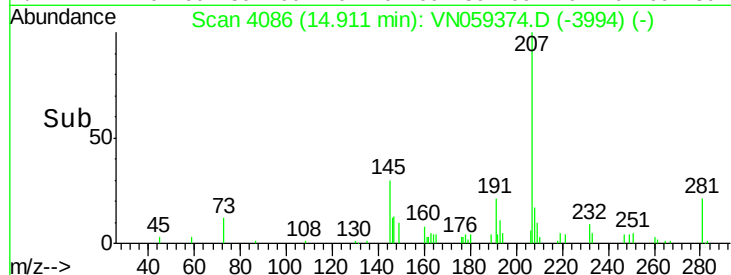
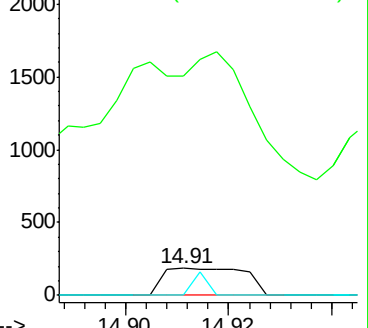
145 1107.4 14.9 44.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 4.300 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059374.D

Acq: 22 Nov 2019 18:42

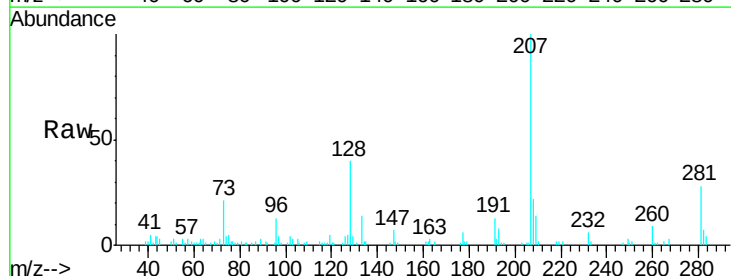
Tgt Ion:128 Resp: 13831

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

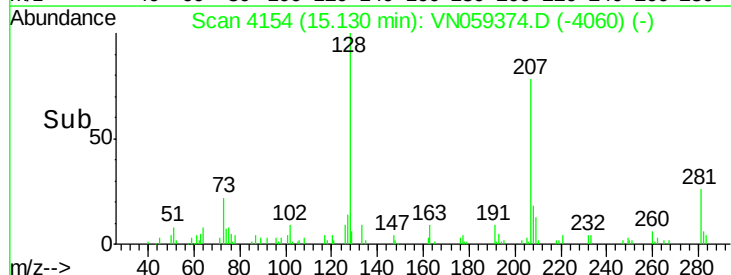
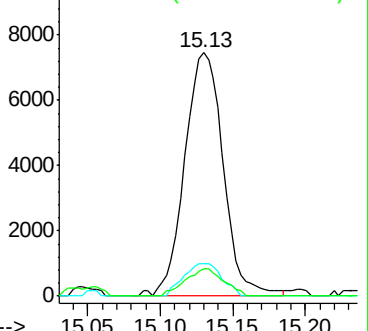
129 11.1 8.6 13.0

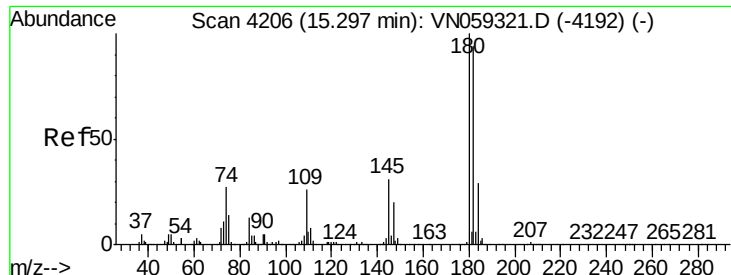


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.990 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.01 min
 Lab File: VN059374.D
 Acq: 22 Nov 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

Tgt Ion:	180	Resp:	374
Ion Ratio	Lower	Upper	
180	100		
182	7.8	47.1	141.4#
145	0.0	15.6	46.8#

