

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059373.D
 Acq On : 22 Nov 2019 18:20
 Operator : JC/SP
 Sample : K5957-06DL 50X
 Misc : 5.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)DL

Quant Time: Nov 22 18:59:34 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	362105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	551797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	480821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	201335	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	204253	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.57	113	165240	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.08	98	667785	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.40	95	238214	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds					Qvalue	
16) Acetone	3.79	43	2194	1.126	ug/l	99
17) Carbon Disulfide	4.03	76	2194	0.319	ug/l #	75
20) Methylene Chloride	4.53	84	2870	0.653	ug/l	93
29) Tetrahydrofuran	7.20	42	639	0.305	ug/l #	34
31) Cyclohexane	7.64	56	6875	0.899	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	26559	4.662	ug/l #	50
38) Carbon Tetrachloride	7.65	117	34053	6.244	ug/l #	15
39) Methylcyclohexane	9.07	83	8922	1.299	ug/l	94
48) Methyl methacrylate	9.07	41	4913	1.155	ug/l #	67
51) 4-Methyl-2-Pentanone	10.08	43	5551	1.014	ug/l #	6
55) 1,1,2-Trichloroethane	10.53	97	10051	2.571	ug/l #	18
56) Ethyl methacrylate	10.42	69	5143	2.938	ug/l #	1
59) 2-Hexanone	10.71	43	33559	8.369	ug/l #	28
65) Chlorobenzene	11.54	112	2674	0.259	ug/l #	42
67) Ethyl Benzene	11.51	91	18309	0.992	ug/l	98
68) m/p-Xylenes	11.62	106	20926	3.051	ug/l	97
71) Bromoform	12.40	173	1276	0.449	ug/l #	1
73) Isopropylbenzene	12.25	105	69719	4.227	ug/l	99
74) N-amyl acetate	12.05	43	297077	44.819	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.48	83	22288	4.085	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	106388	22.873	ug/l #	100
78) n-propylbenzene	12.59	91	198081	10.603	ug/l	100
79) 2-Chlorotoluene	12.69	91	23368	2.038	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	449732	32.437	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	106388	57.208	ug/l #	18
82) 4-Chlorotoluene	12.73	91	49517	4.173	ug/l #	58
83) tert-Butylbenzene	12.99	119	16193	1.383	ug/l	80
84) 1,2,4-Trimethylbenzene	13.04	105	1196503	88.098	ug/l	99
85) sec-Butylbenzene	13.17	105	140662	8.938	ug/l #	64
86) p-Isopropyltoluene	13.29	119	90127	6.435	ug/l	99
89) n-Butylbenzene	13.62	91	119141	9.698	ug/l #	73
90) Hexachloroethane	13.89	117	18405	6.939	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.91	180	180	2.978	ug/l #	1
95) Naphthalene	15.13	128	8754	3.859	ug/l #	90

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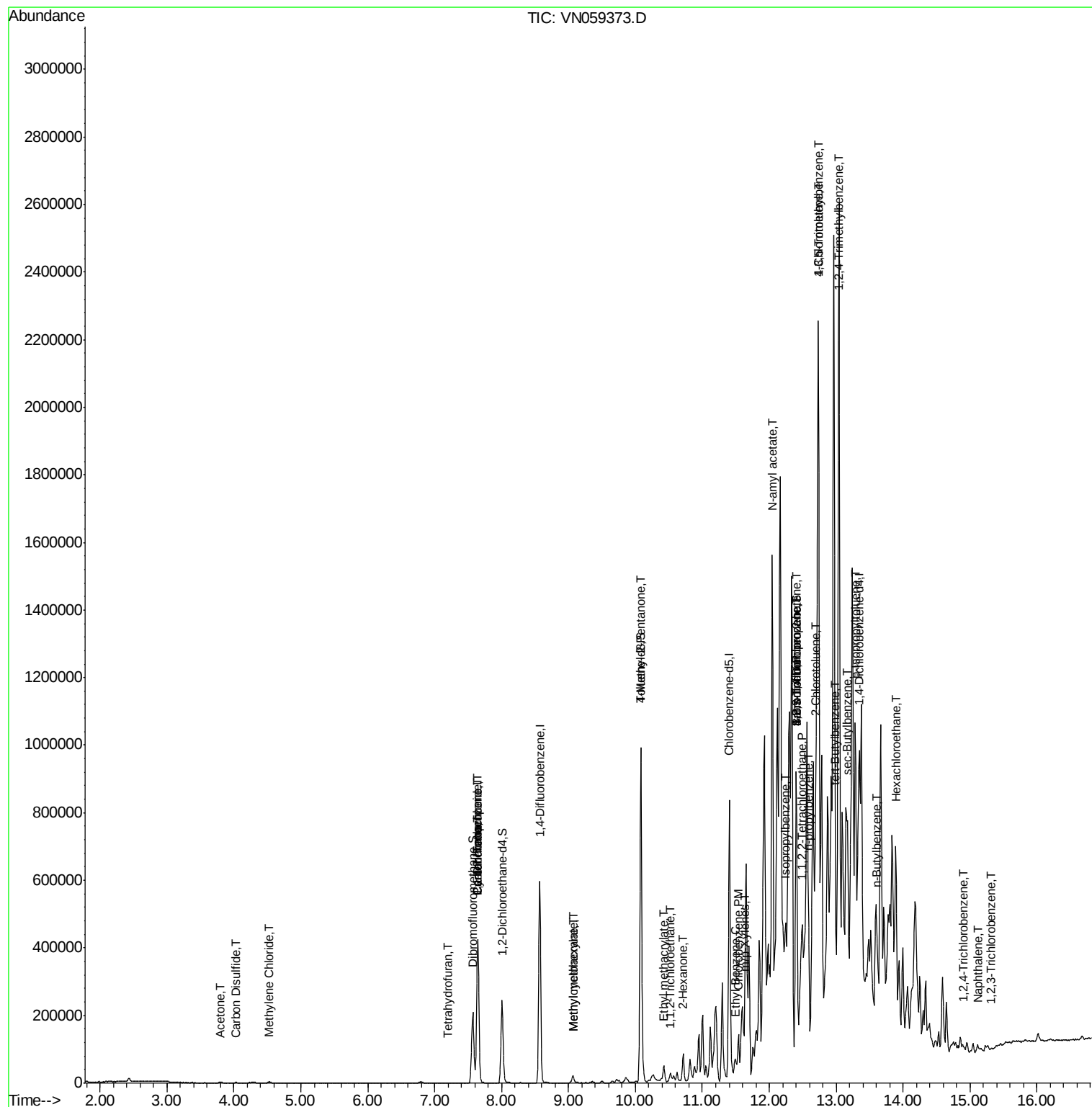
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.30	180	92	1.922	ug/l #	1

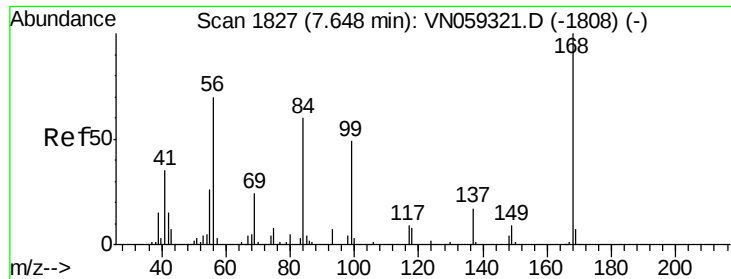
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
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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: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

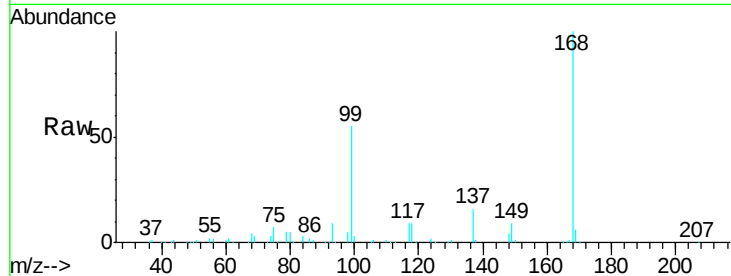
MW-3-(17-20)DL

Tgt Ion:168 Resp: 362105

Ion Ratio Lower Upper

168 100

99 54.9 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

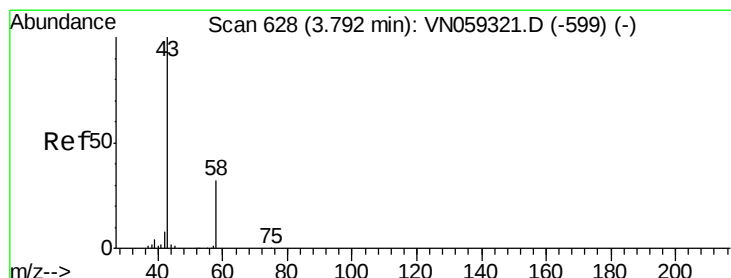
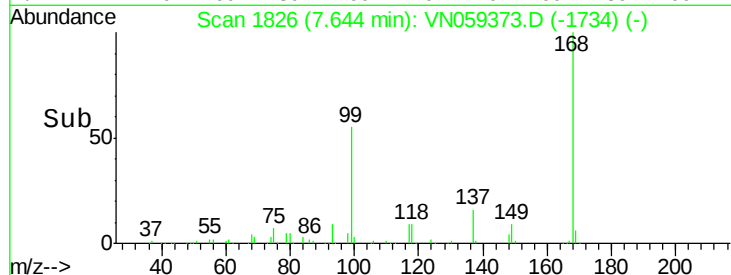
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.126 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059373.D

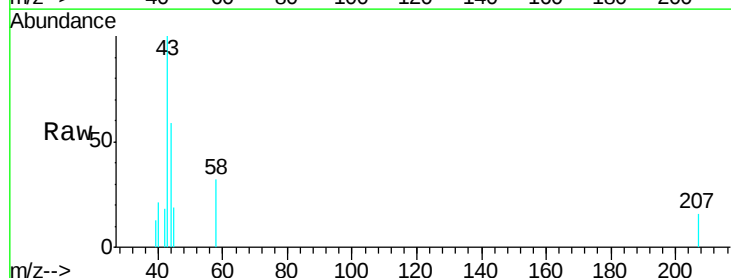
Acq: 22 Nov 2019 18:20

Tgt Ion: 43 Resp: 2194

Ion Ratio Lower Upper

43 100

58 31.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

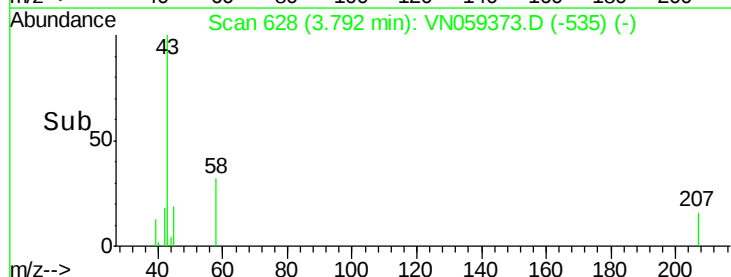
3.79

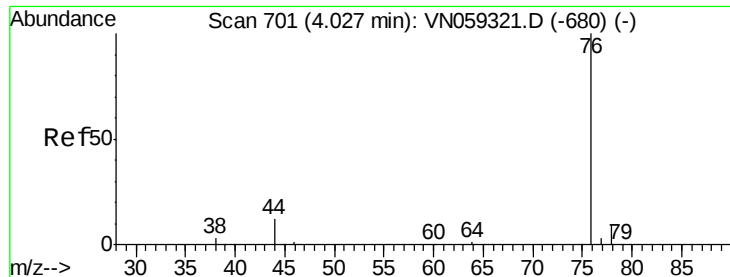
1000

500

0

Time--> 3.74 3.76 3.78 3.80 3.82

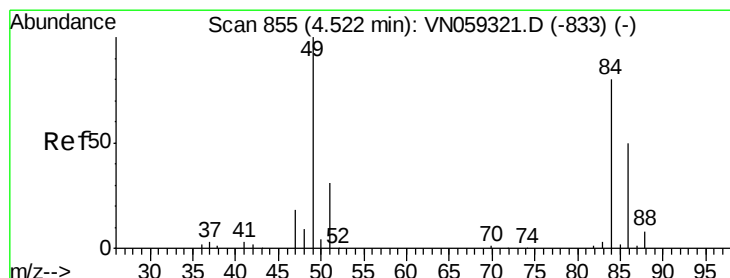
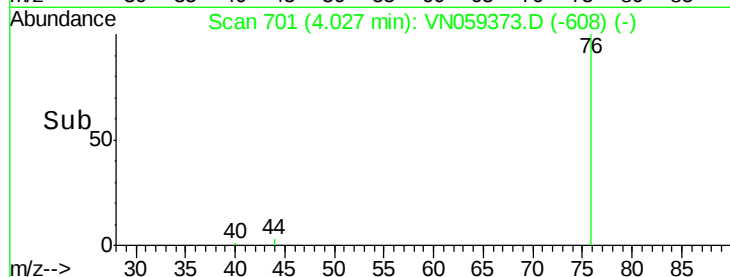
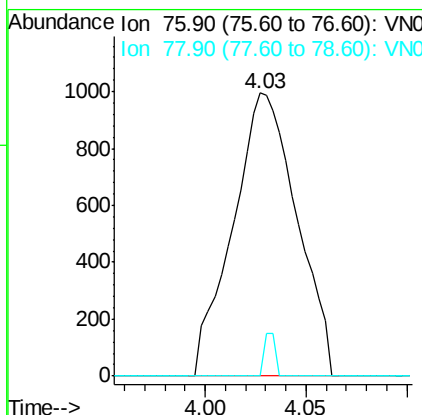
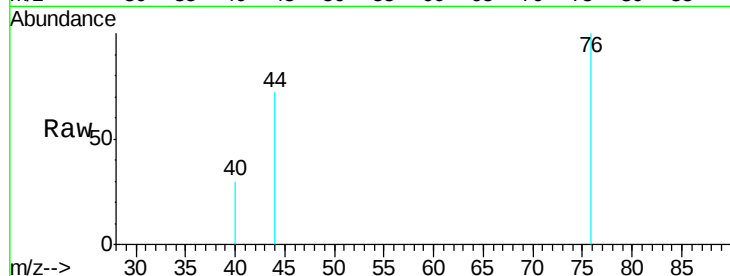




#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

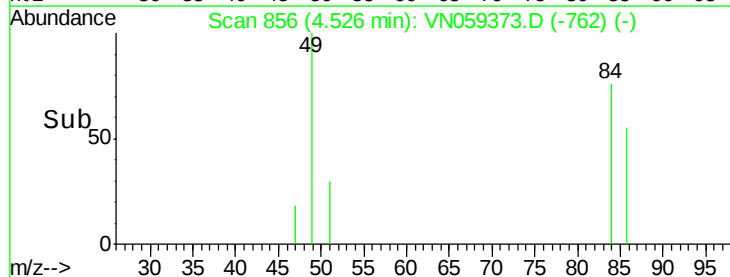
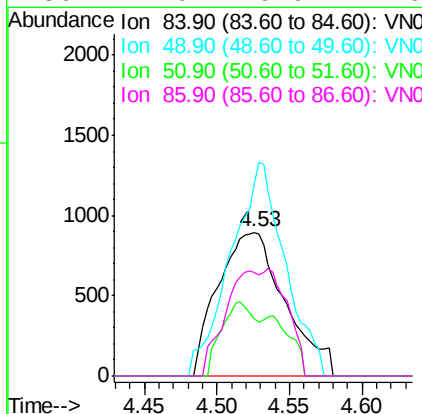
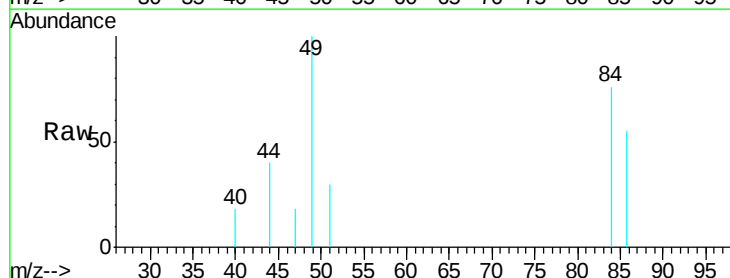
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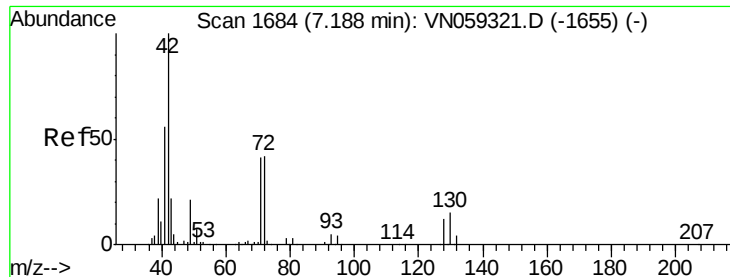
Tgt Ion: 76 Resp: 2194
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.653 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion: 84 Resp: 2870
Ion Ratio Lower Upper
84 100
49 131.6 99.5 149.3
51 39.9 31.1 46.7
86 72.0 49.9 74.9

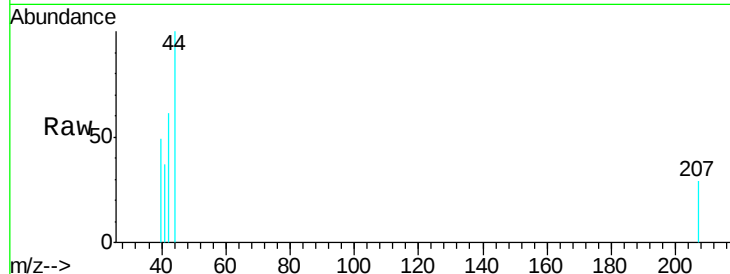




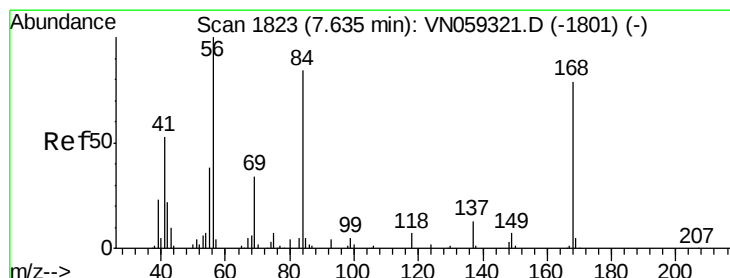
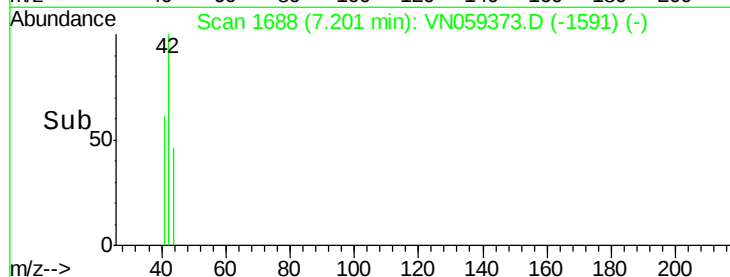
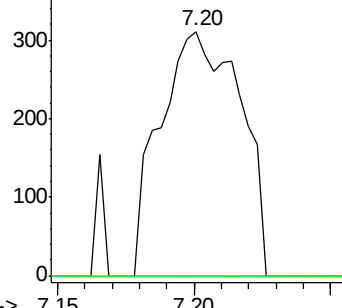
#29
Tetrahydrofuran
Concen: 0.305 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion: 42 Resp: 639
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.2#
71 0.0 32.6 48.8#

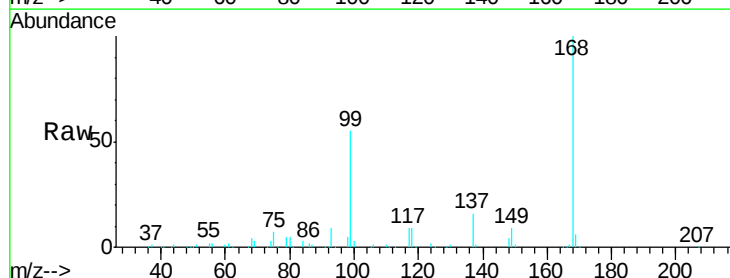


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

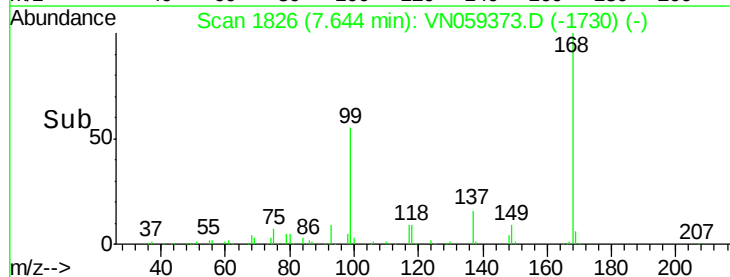
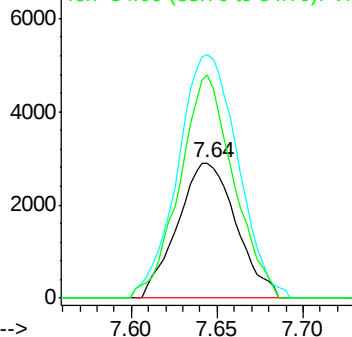


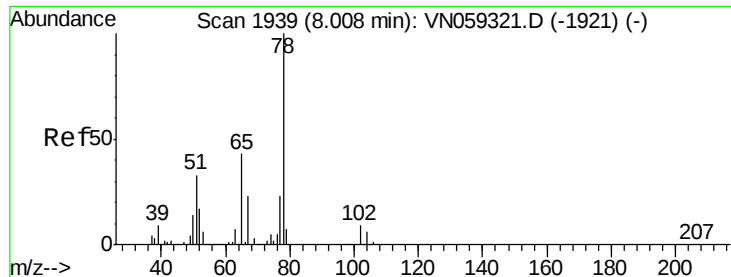
#31
Cyclohexane
Concen: 0.899 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion: 56 Resp: 6875
Ion Ratio Lower Upper
56 100
69 173.7 26.6 40.0#
84 165.2 67.0 100.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

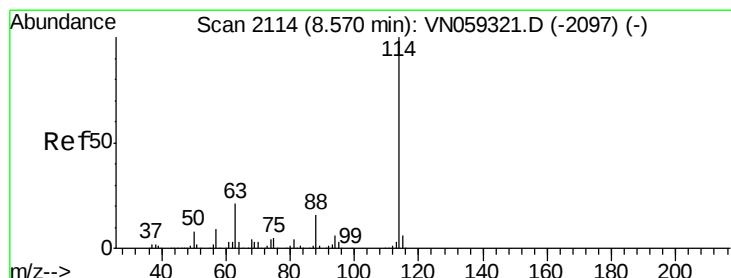
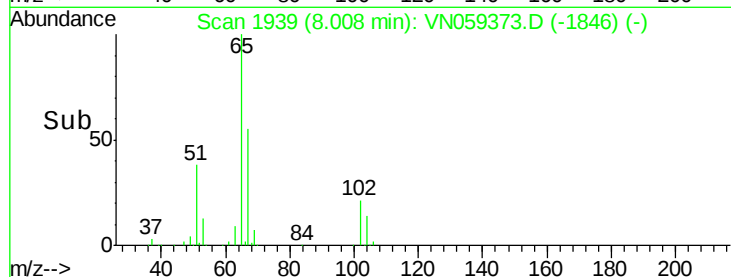
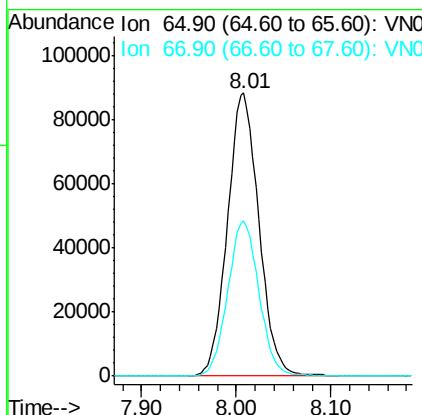
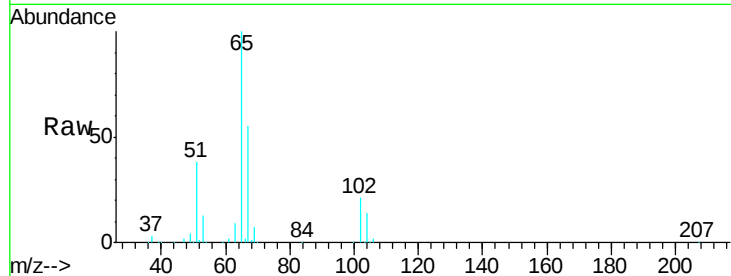




#33
 1,2-Dichloroethane-d4
 Concen: 47.012 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

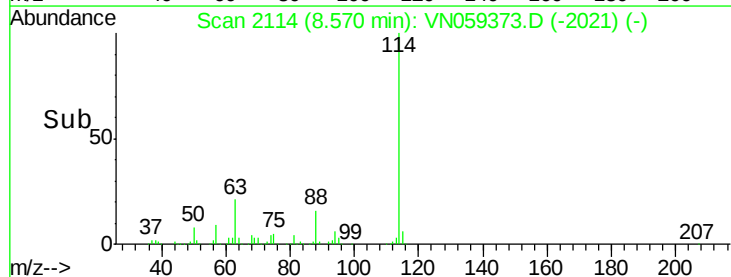
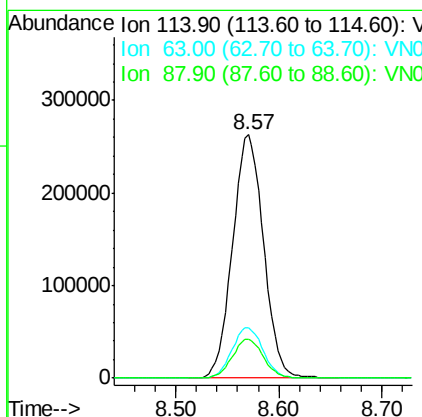
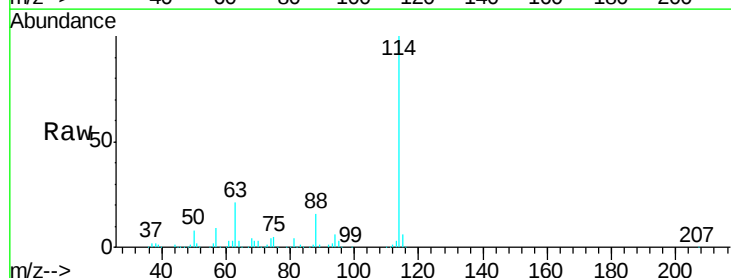
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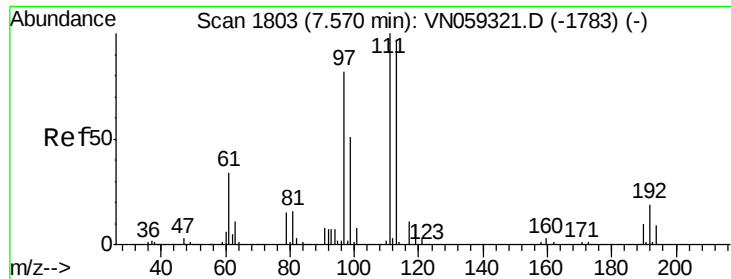
Tgt Ion: 65 Resp: 204253
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

Tgt Ion: 114 Resp: 551797
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 16.0 0.0 32.2

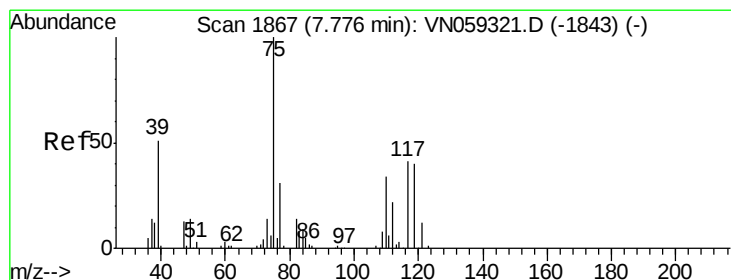
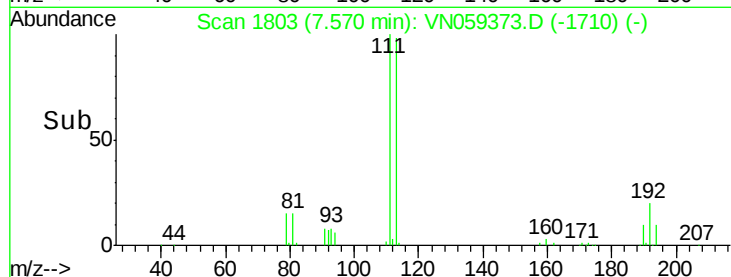
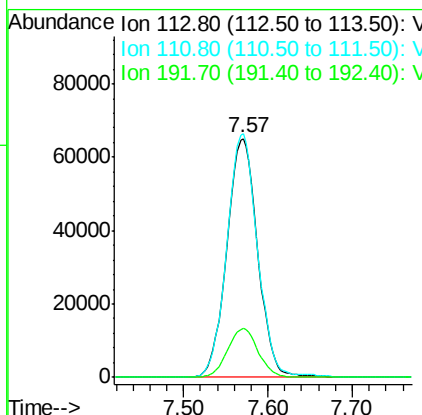
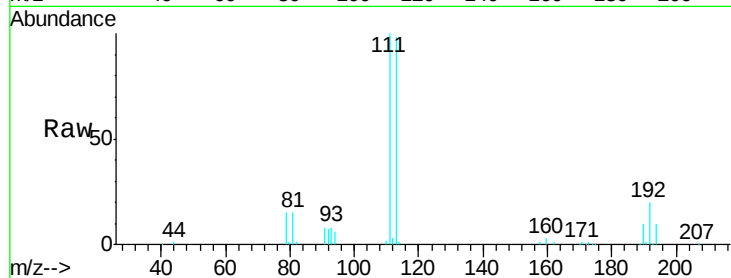




#35
Dibromofluoromethane
Concen: 49.914 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

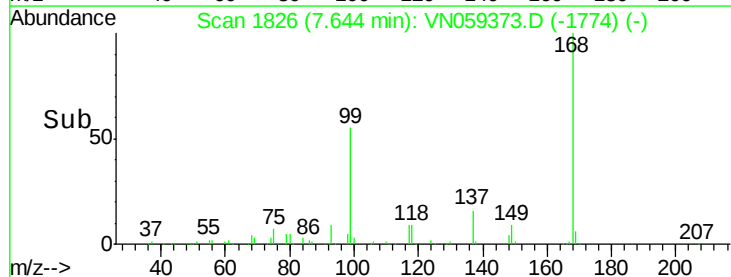
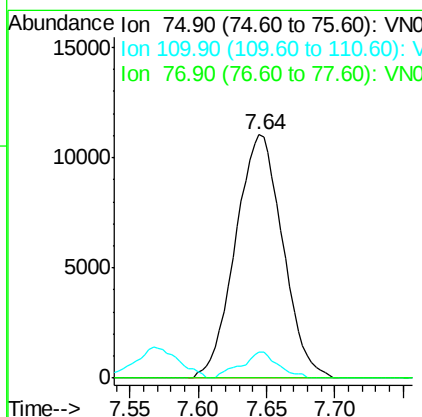
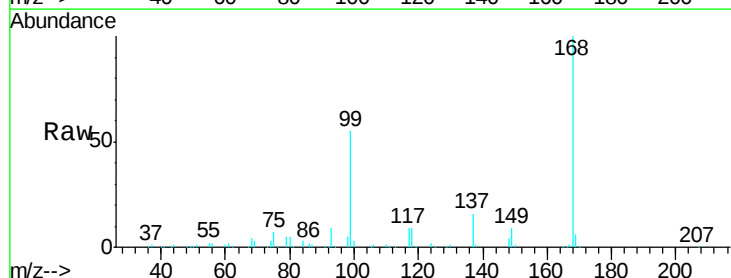
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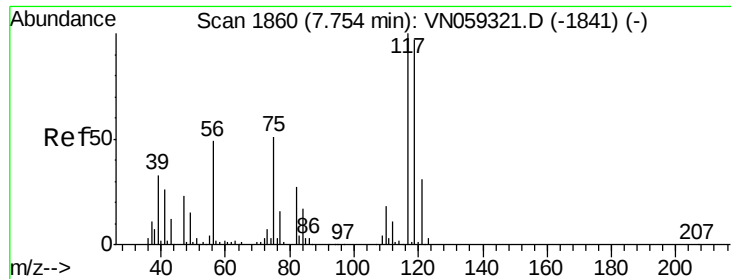
Tgt Ion:113 Resp: 165240
Ion Ratio Lower Upper
113 100
111 100.6 82.7 124.1
192 20.2 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion: 75 Resp: 26559
Ion Ratio Lower Upper
75 100
110 8.5 17.0 51.0#
77 0.0 24.8 37.2#

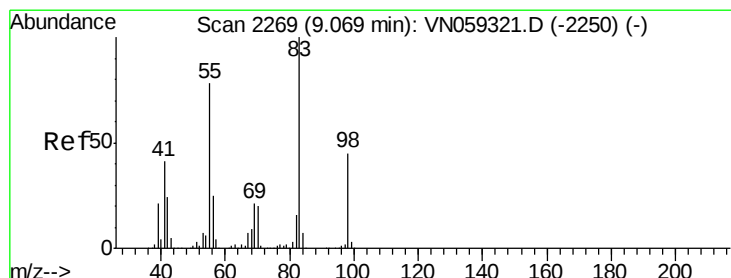
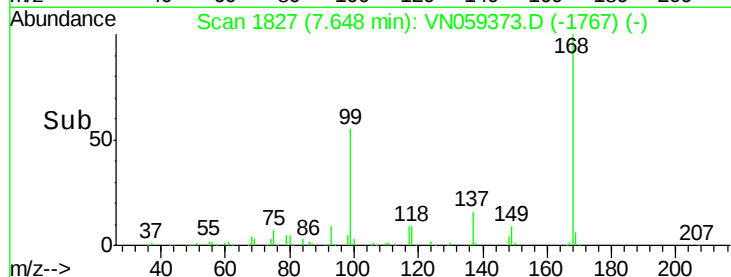
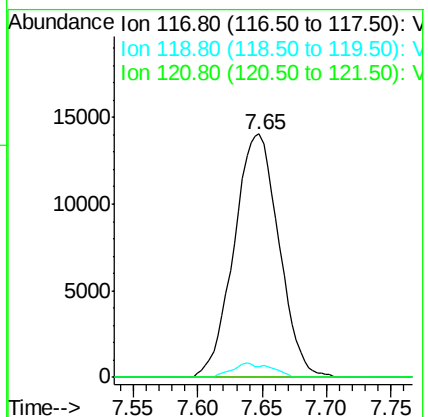
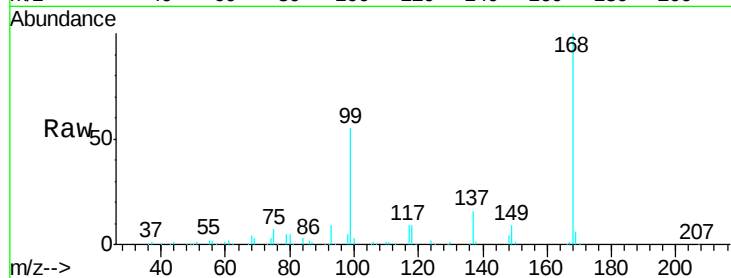




#38
 Carbon Tetrachloride
 Concen: 6.244 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

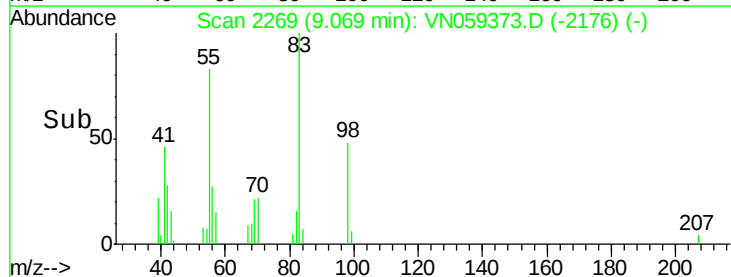
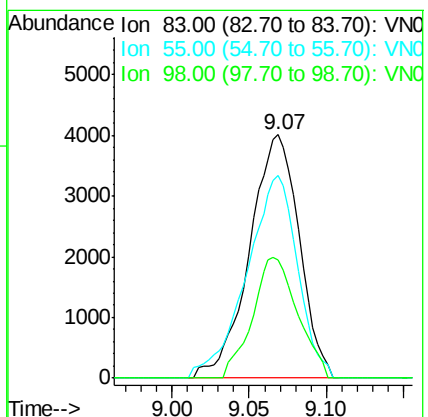
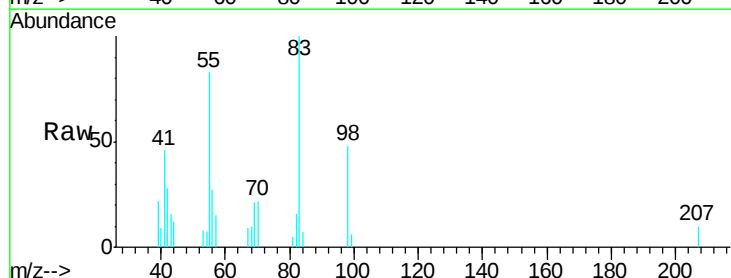
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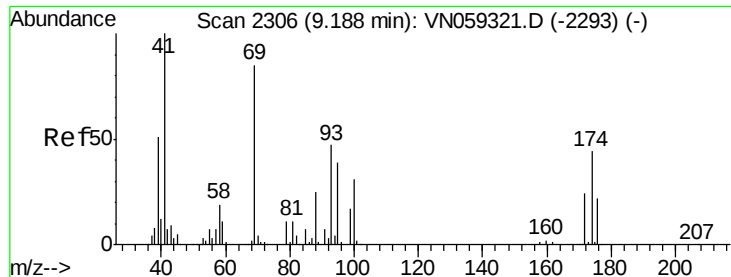
Tgt Ion: 117 Resp: 34053
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.0 115.4#
 121 0.0 24.4 36.6#



#39
 Methylcyclohexane
 Concen: 1.299 ug/l
 RT: 9.07 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

Tgt Ion: 83 Resp: 8922
 Ion Ratio Lower Upper
 83 100
 55 83.1 62.3 93.5
 98 48.4 36.0 54.0

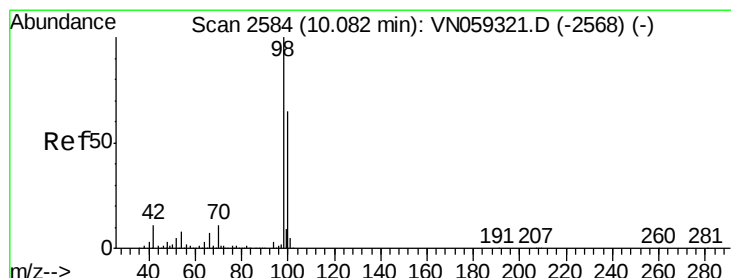
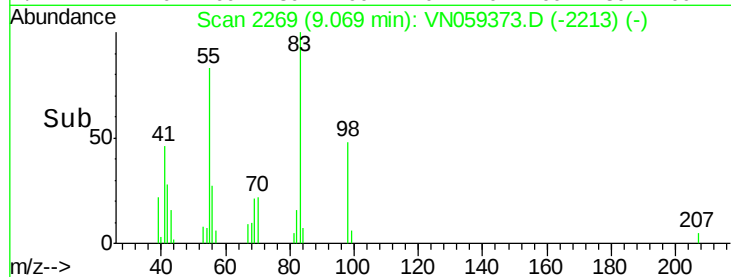
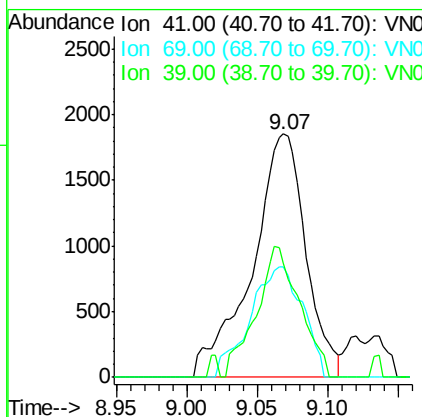
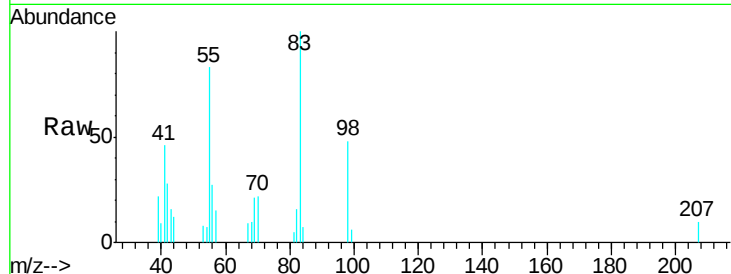




#48
Methyl methacrylate
Concen: 1.155 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.12 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

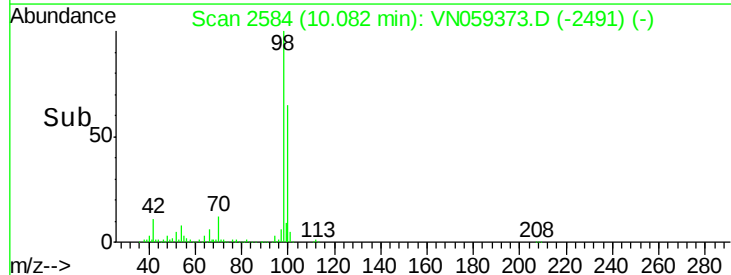
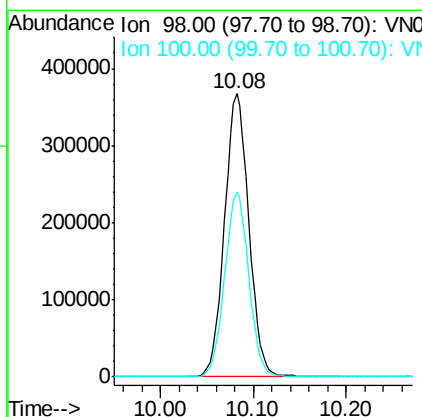
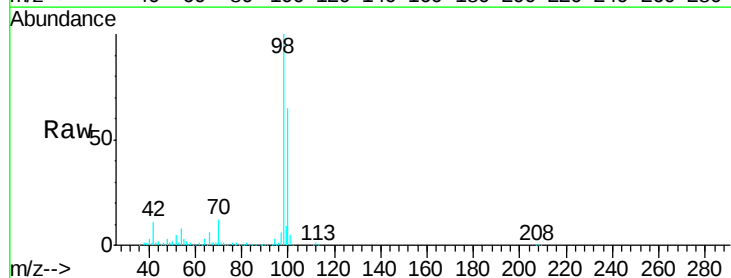
Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

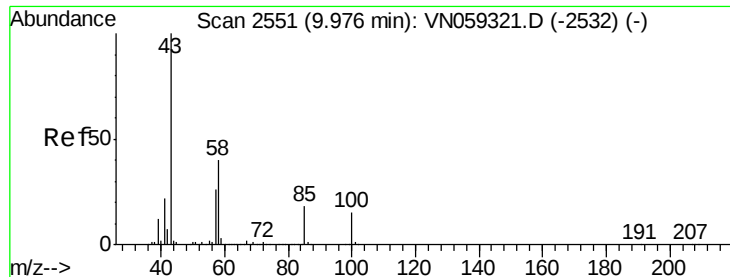
Tgt Ion: 41 Resp: 4913
Ion Ratio Lower Upper
41 100
69 44.5 68.8 103.2#
39 43.6 42.1 63.1



#50
Toluene-d8
Concen: 50.741 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion: 98 Resp: 667785
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

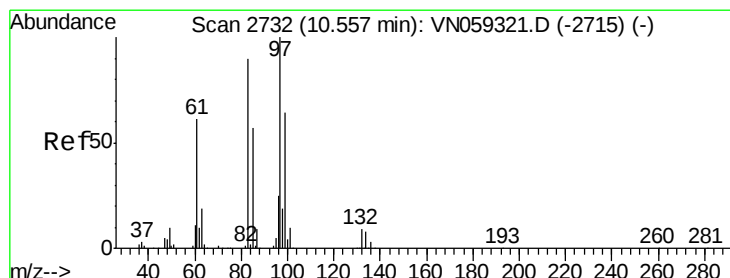
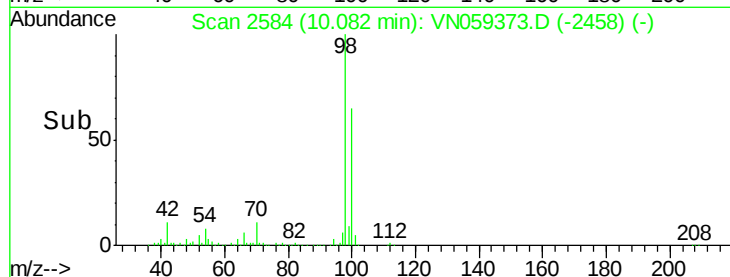
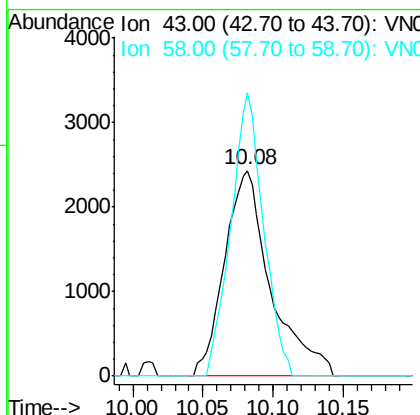
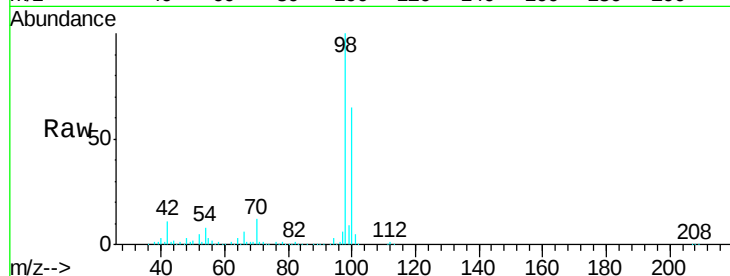




#51
 4-Methyl-2-Pentanone
 Concen: 1.014 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.11 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

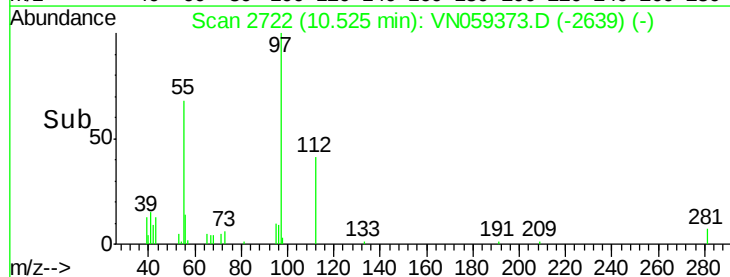
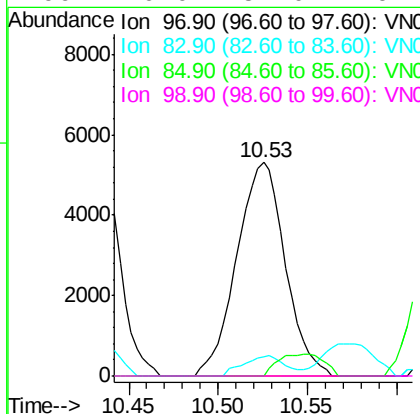
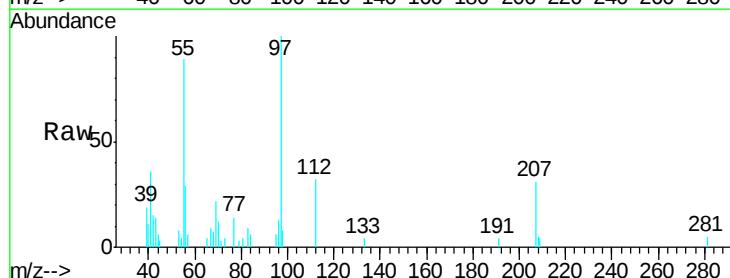
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)DL

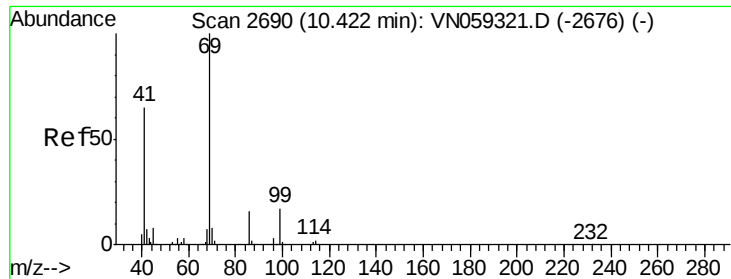
Tgt Ion: 43 Resp: 5551
 Ion Ratio Lower Upper
 43 100
 58 97.7 31.8 47.8#



#55
 1,1,2-Trichloroethane
 Concen: 2.571 ug/l
 RT: 10.53 min Scan# 2722
 Delta R.T. -0.03 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

Tgt Ion: 97 Resp: 10051
 Ion Ratio Lower Upper
 97 100
 83 9.2 72.0 108.0#
 85 0.0 45.8 68.6#
 99 0.0 51.0 76.4#





#56

Ethyl methacrylate

Concen: 2.938 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

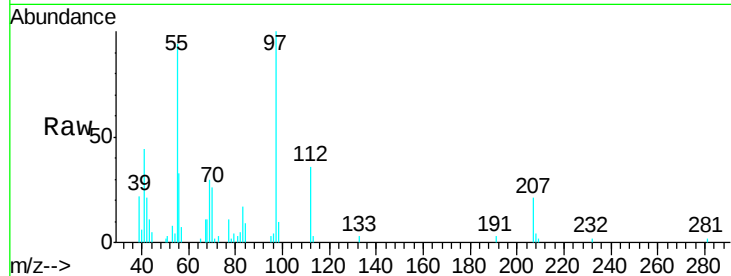
Tgt Ion: 69 Resp: 5143

Ion Ratio Lower Upper

69 100

41 164.9 51.7 77.5#

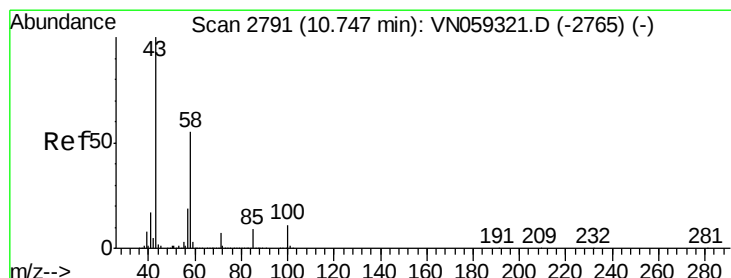
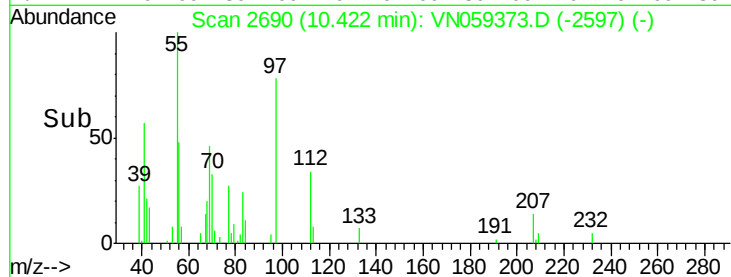
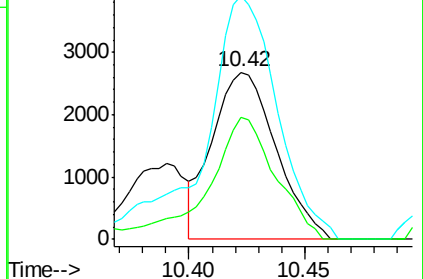
39 75.9 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 8.369 ug/l

RT: 10.71 min Scan# 2780

Delta R.T. -0.04 min

Lab File: VN059373.D

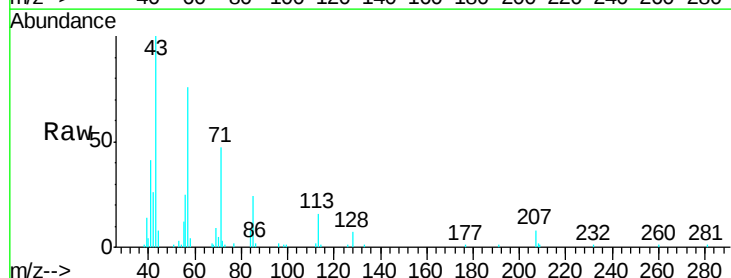
Acq: 22 Nov 2019 18:20

Tgt Ion: 43 Resp: 33559

Ion Ratio Lower Upper

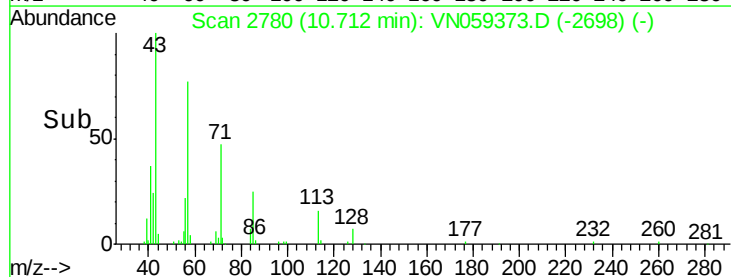
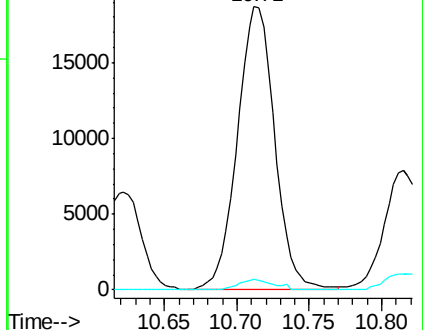
43 100

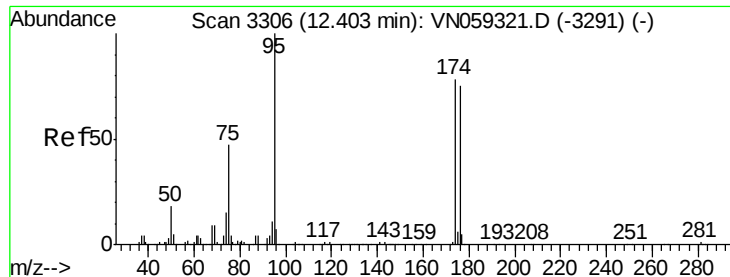
58 3.4 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.767 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampled :

MW-3-(17-20)DL

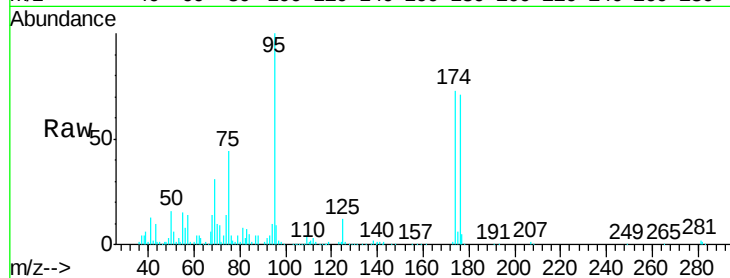
Tgt Ion: 95 Resp: 238214

Ion Ratio Lower Upper

95 100

174 74.5 0.0 157.4

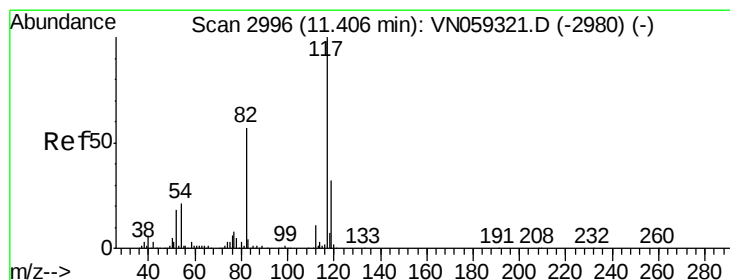
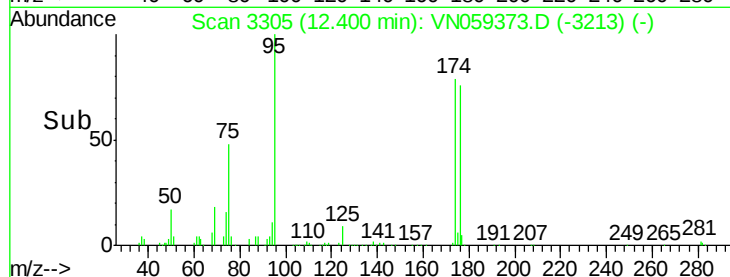
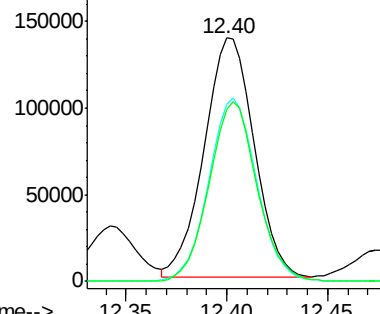
176 72.5 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

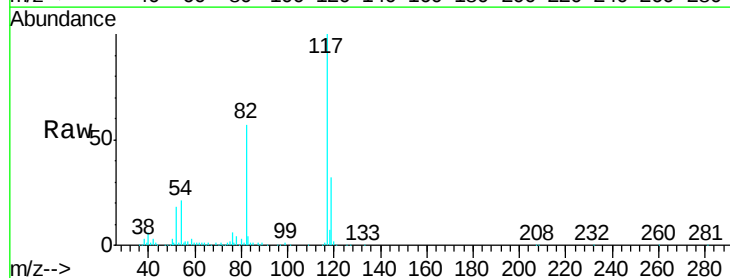
Tgt Ion: 117 Resp: 480821

Ion Ratio Lower Upper

117 100

82 56.2 45.7 68.5

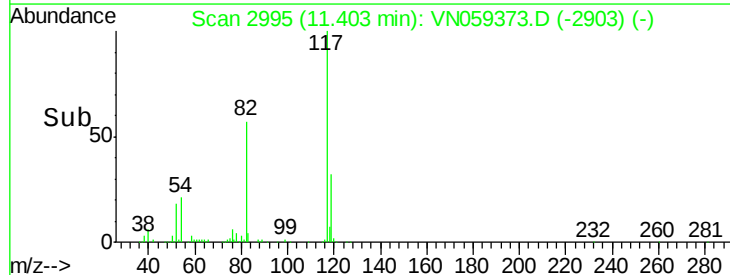
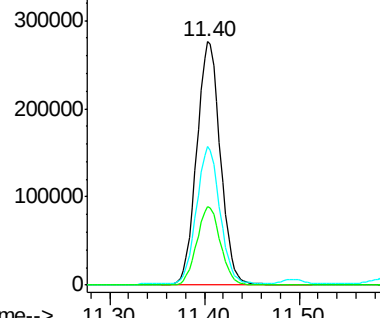
119 32.2 25.8 38.6

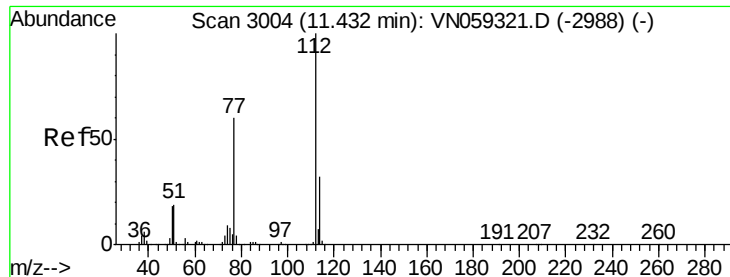


Abundance Ion 116.90 (116.60 to 117.60): VN059321.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059321.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059321.D (-2980) (-)





#65

Chlorobenzene

Concen: 0.259 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. 0.11 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

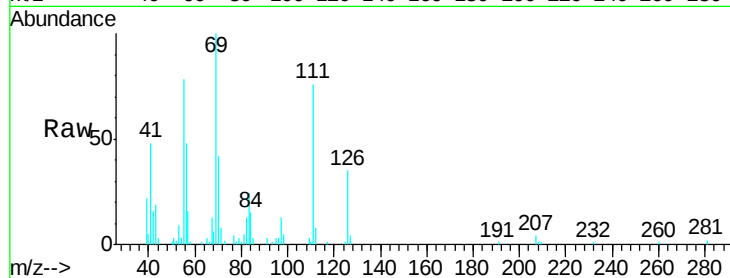
MW-3-(17-20)DL

Tgt Ion: 112 Resp: 2674

Ion Ratio Lower Upper

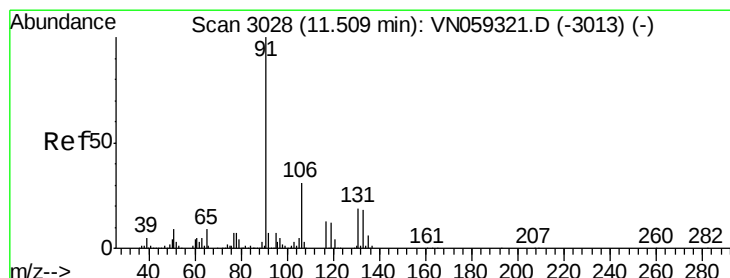
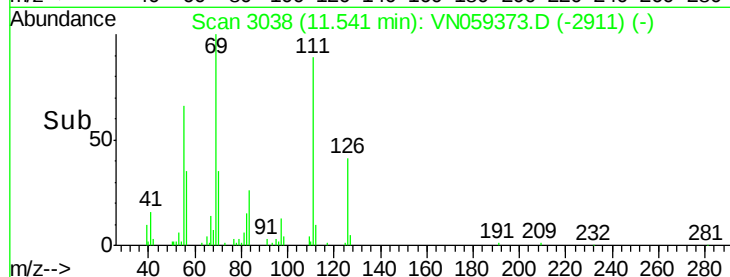
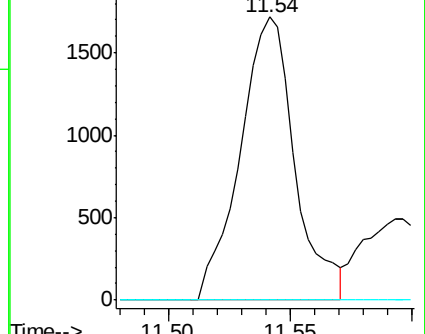
112 100

114 0.0 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.992 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059373.D

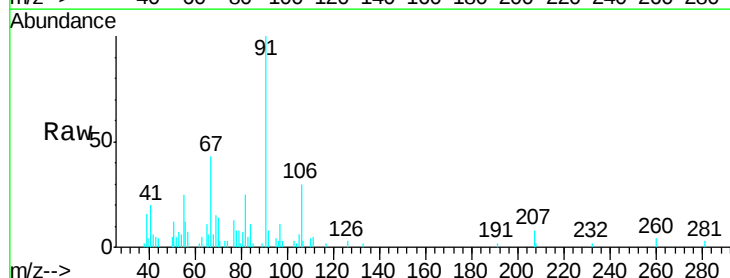
Acq: 22 Nov 2019 18:20

Tgt Ion: 91 Resp: 18309

Ion Ratio Lower Upper

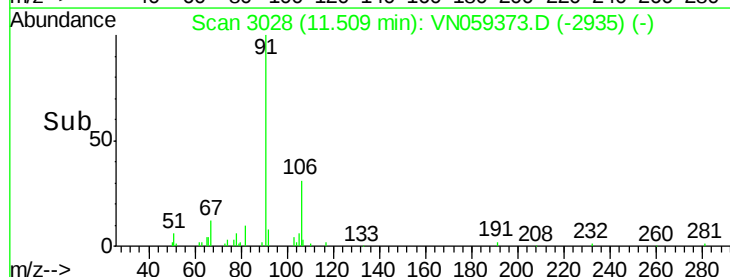
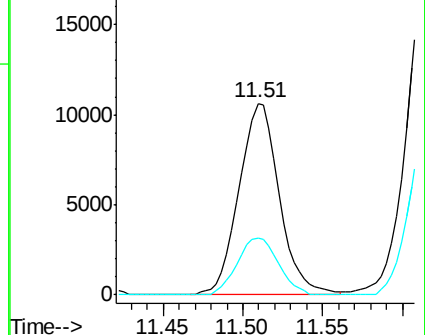
91 100

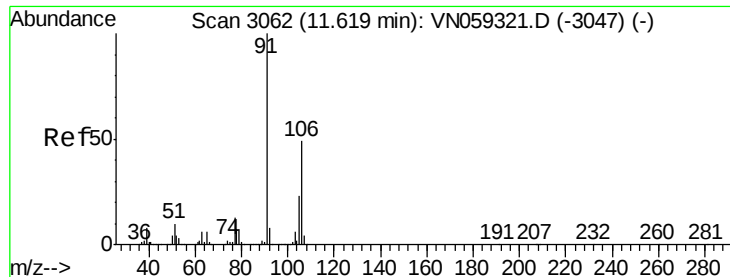
106 29.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

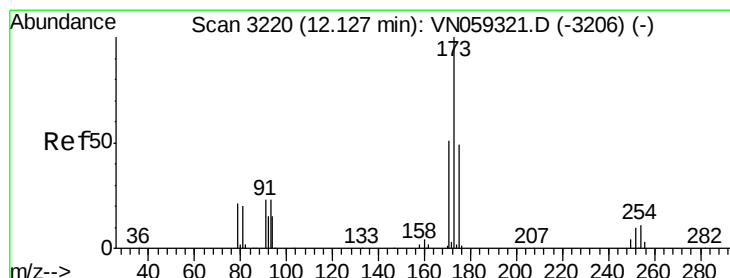
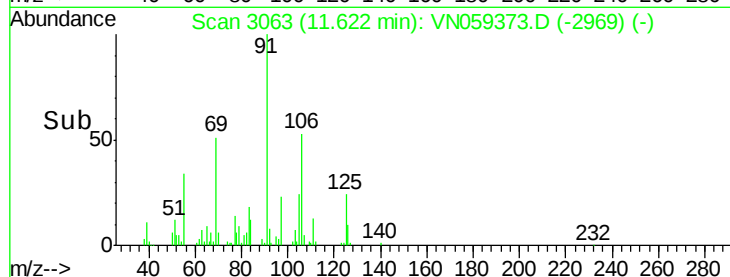
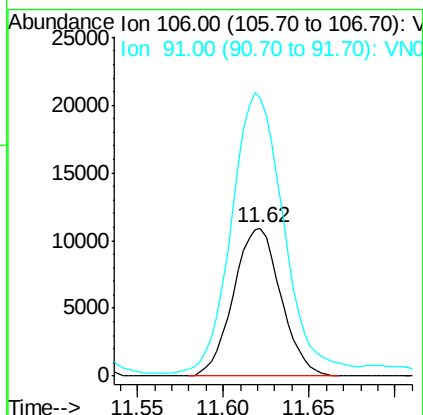
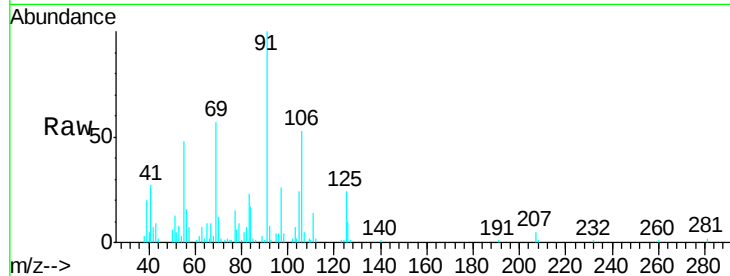




#68
m/p-Xylenes
Concen: 3.051 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

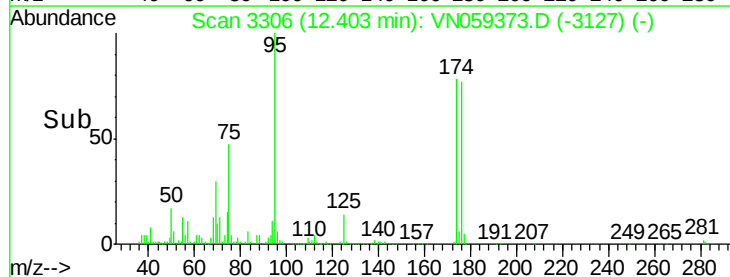
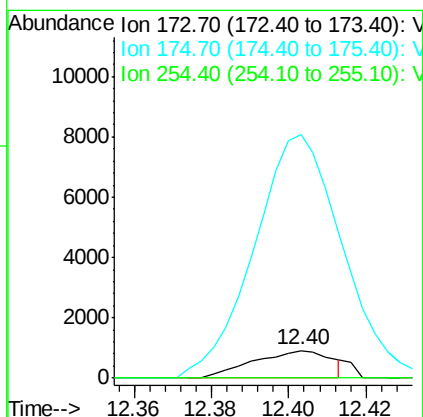
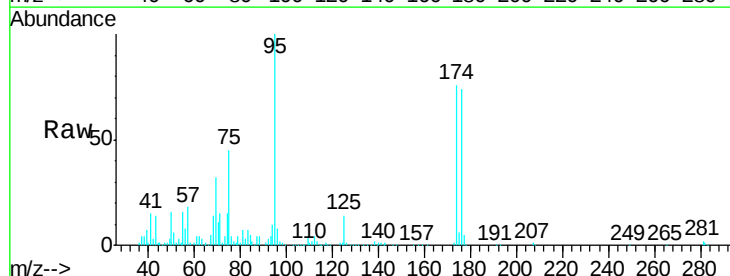
Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

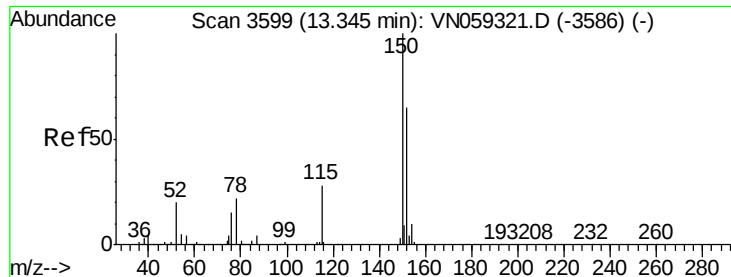
Tgt Ion:106 Resp: 20926
Ion Ratio Lower Upper
106 100
91 208.1 163.2 244.8



#71
Bromoform
Concen: 0.449 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:173 Resp: 1276
Ion Ratio Lower Upper
173 100
175 864.5 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: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

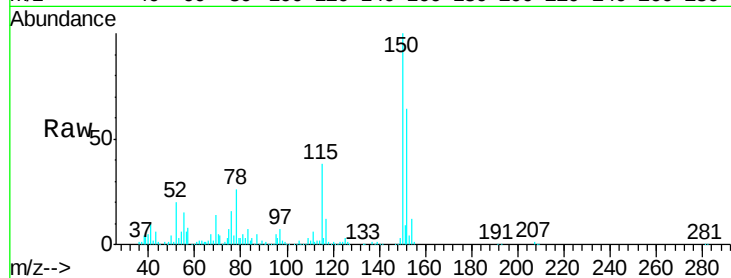
Tgt Ion:152 Resp: 201335

Ion Ratio Lower Upper

152 100

115 65.8 29.3 88.0

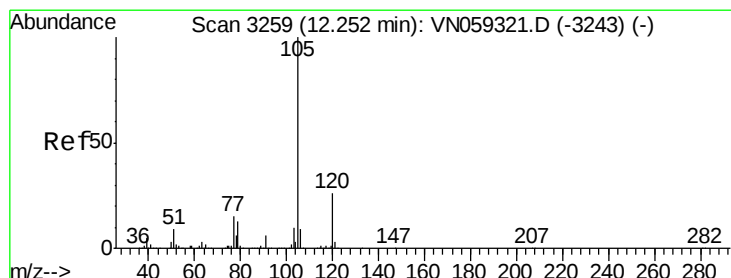
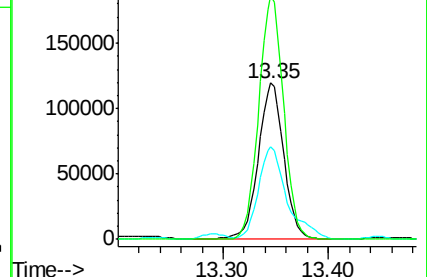
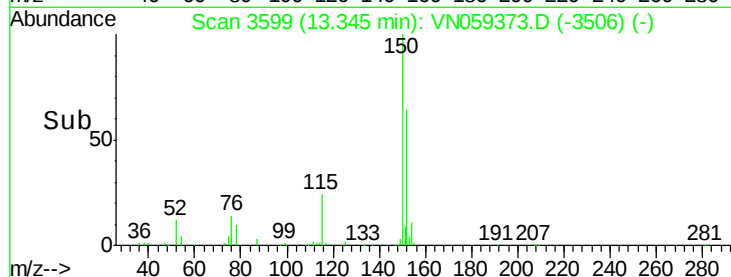
150 152.1 0.0 346.0



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: 4.227 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059373.D

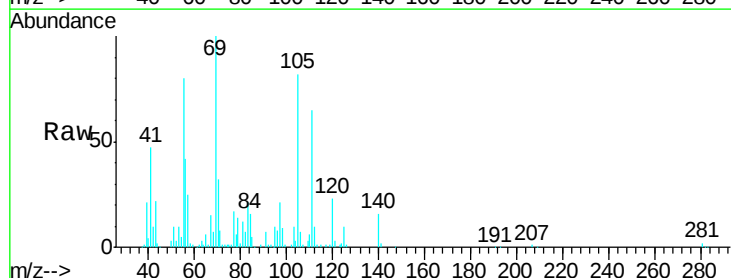
Acq: 22 Nov 2019 18:20

Tgt Ion:105 Resp: 69719

Ion Ratio Lower Upper

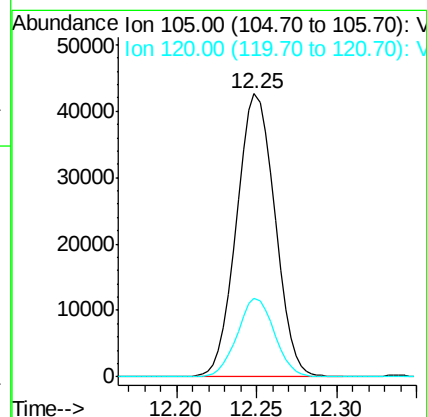
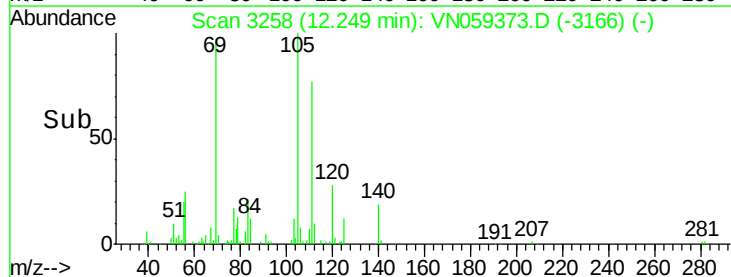
105 100

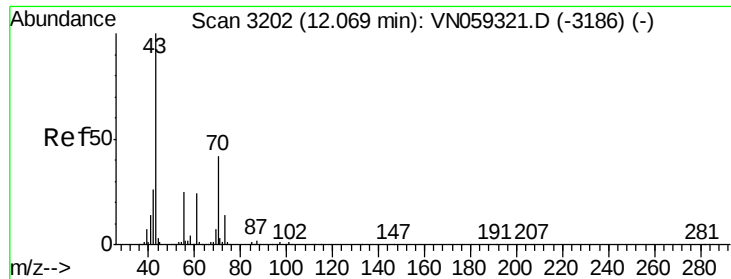
120 26.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 44.819 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

Tgt Ion: 43 Resp: 297077

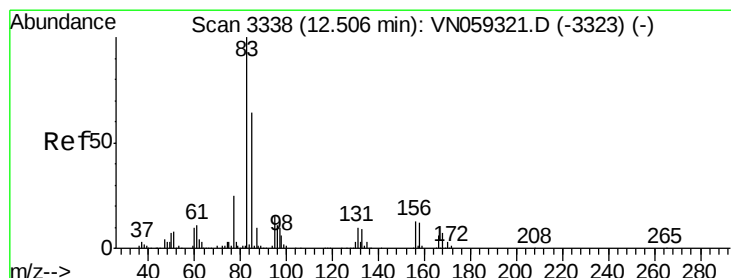
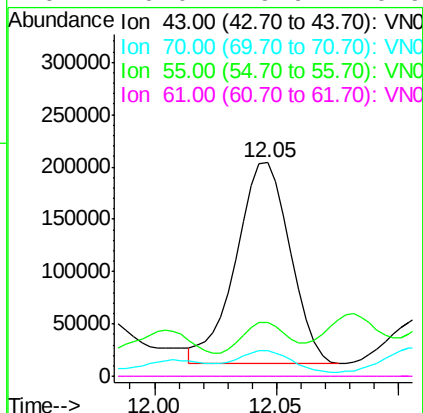
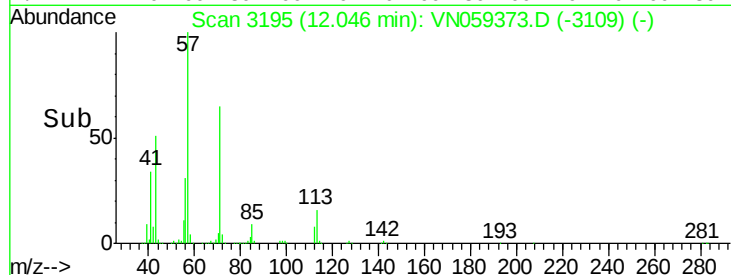
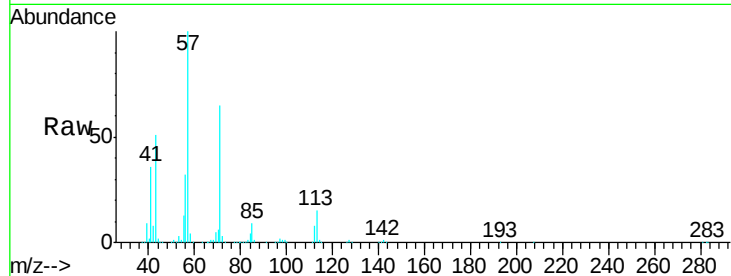
Ion Ratio Lower Upper

43 100

70 10.7 33.8 50.6#

55 12.8 20.3 30.5#

61 0.0 19.9 29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 4.085 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.03 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

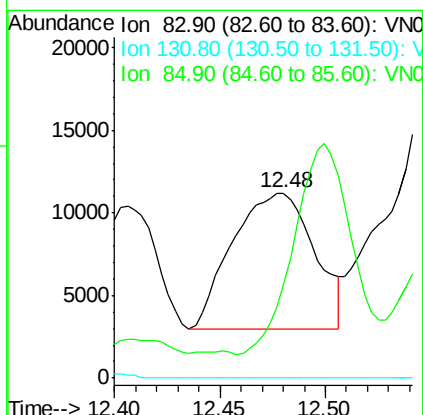
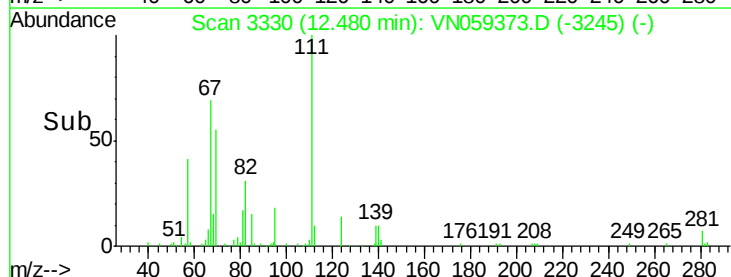
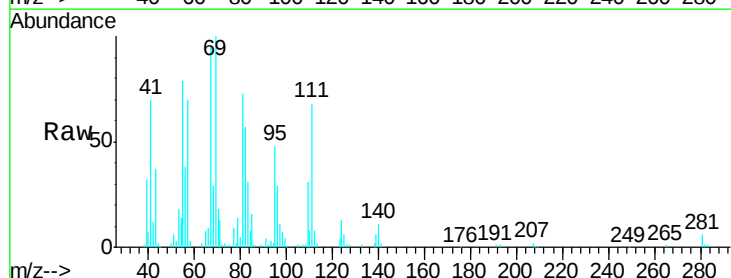
Tgt Ion: 83 Resp: 22288

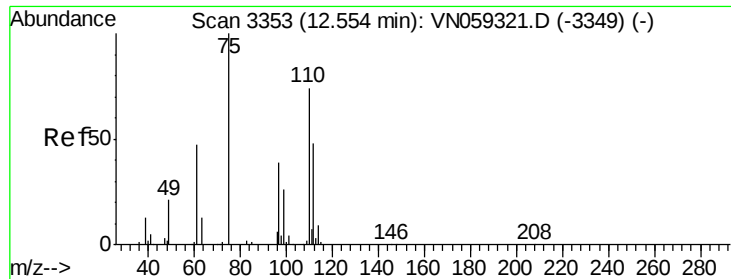
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 106.5 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 22.873 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

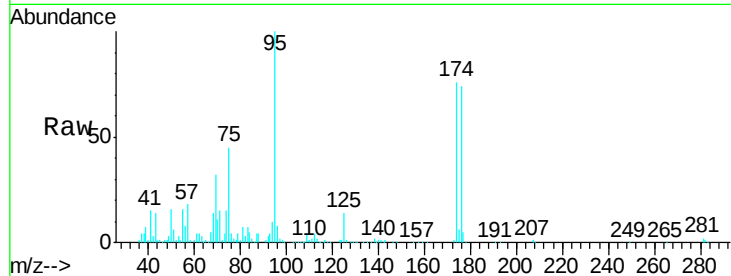
MW-3-(17-20)DL

Tgt Ion: 75 Resp: 106388

Ion Ratio Lower Upper

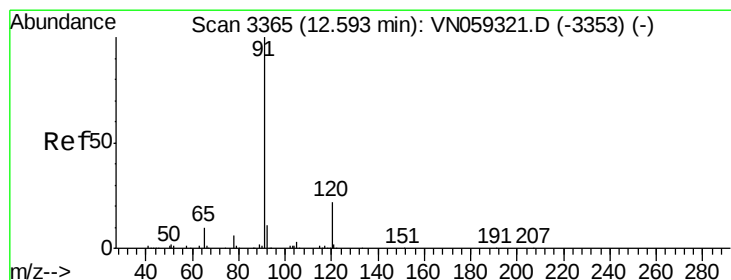
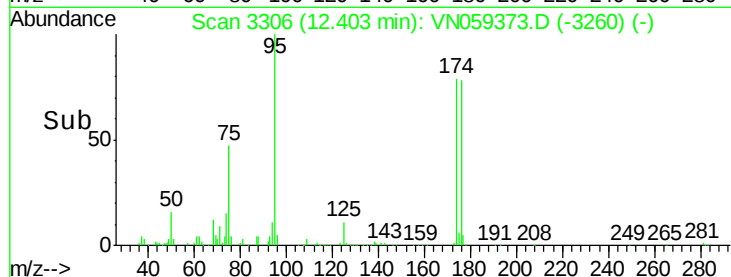
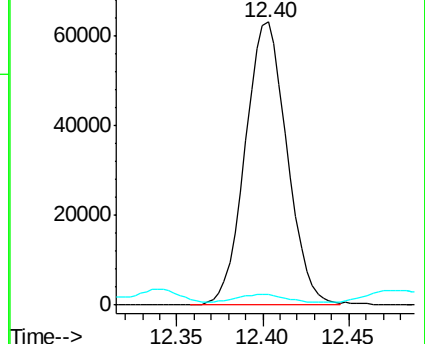
75 100

77 3.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 10.603 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059373.D

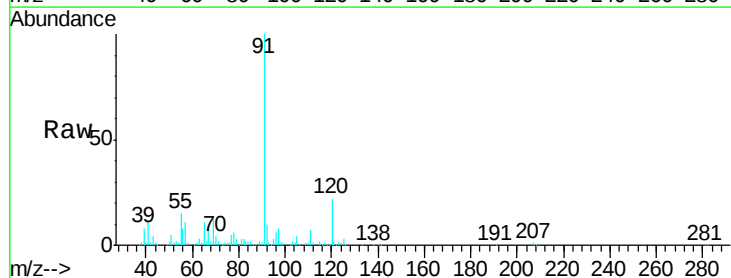
Acq: 22 Nov 2019 18:20

Tgt Ion: 91 Resp: 198081

Ion Ratio Lower Upper

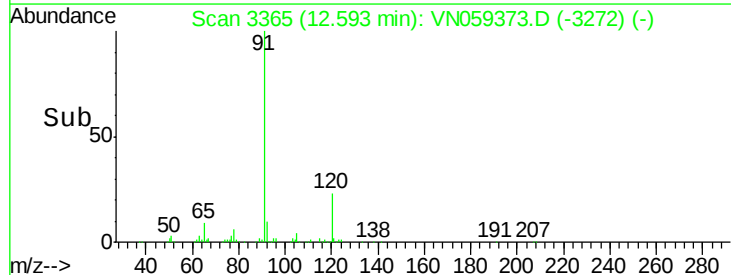
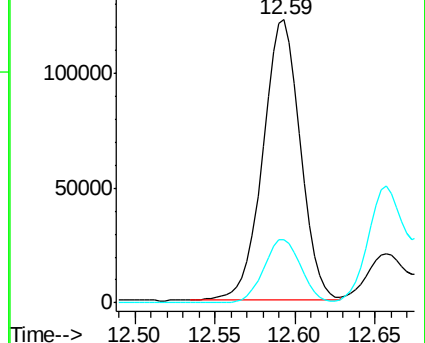
91 100

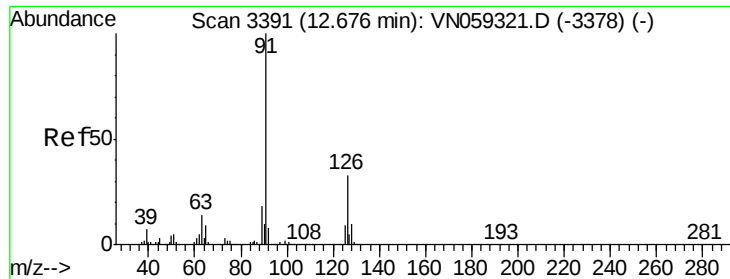
120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.038 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.01 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampled :

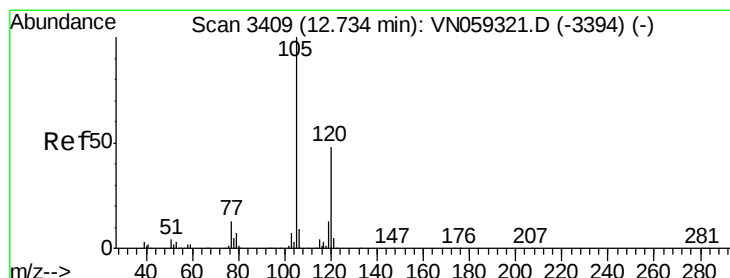
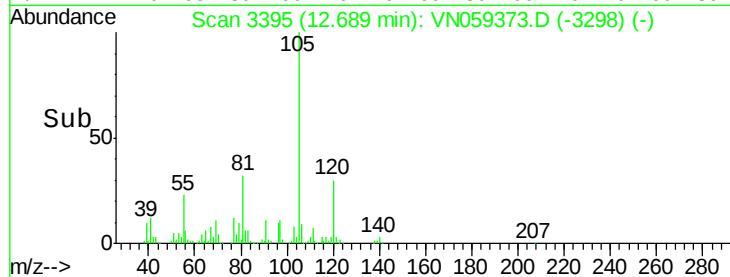
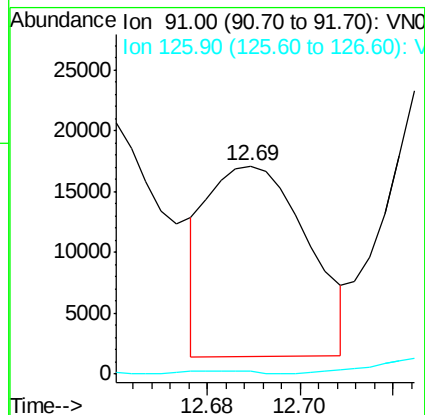
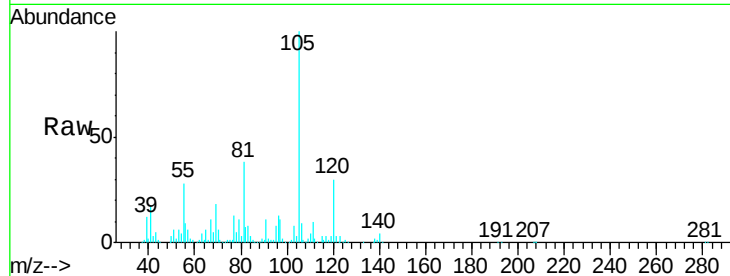
MW-3-(17-20)DL

Tgt Ion: 91 Resp: 23368

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



#80

1,3,5-Trimethylbenzene

Concen: 32.437 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059373.D

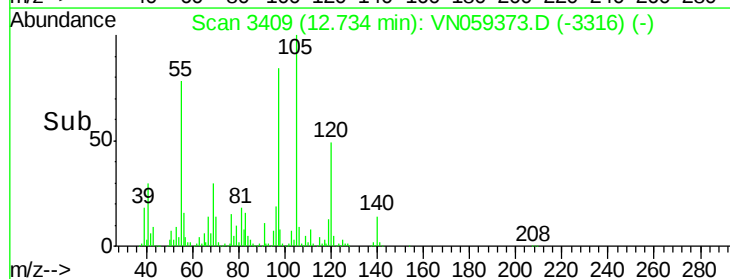
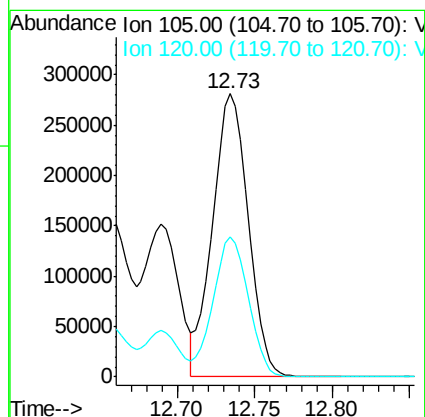
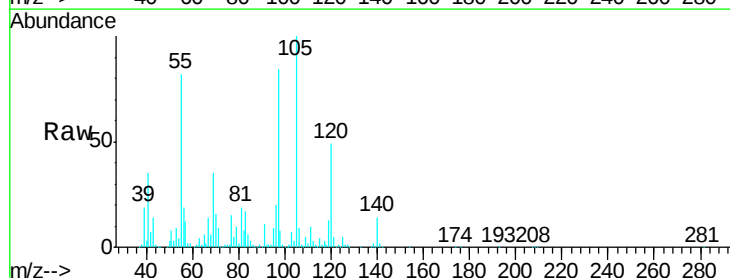
Acq: 22 Nov 2019 18:20

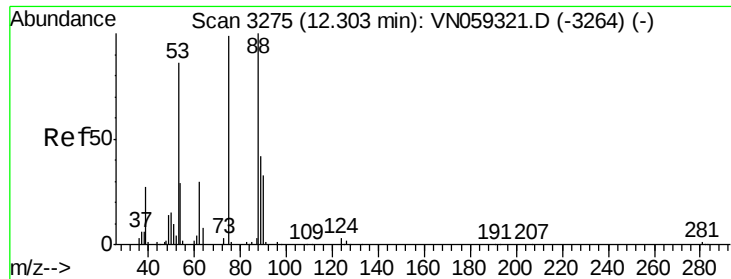
Tgt Ion: 105 Resp: 449732

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 57.208 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

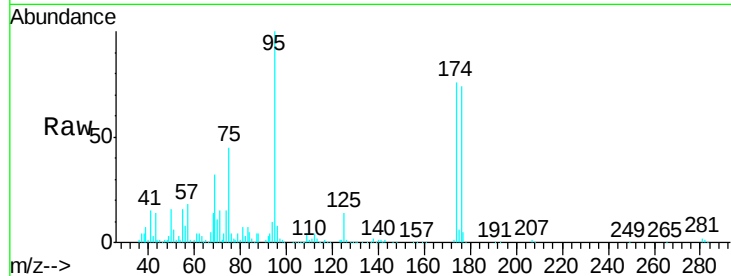
Tgt Ion: 75 Resp: 106388

Ion Ratio Lower Upper

75 100

53 5.6 70.7 106.1#

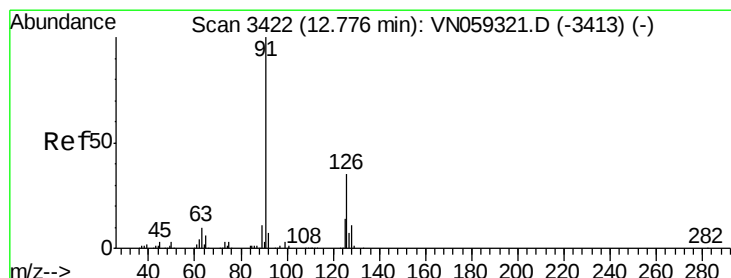
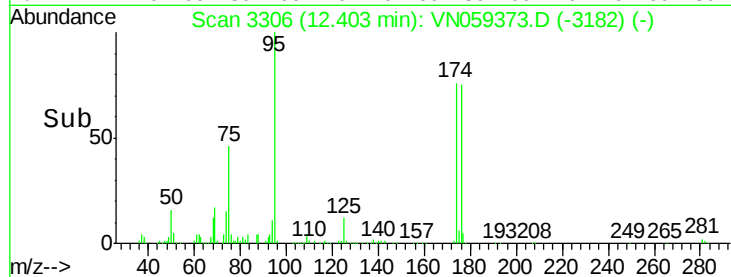
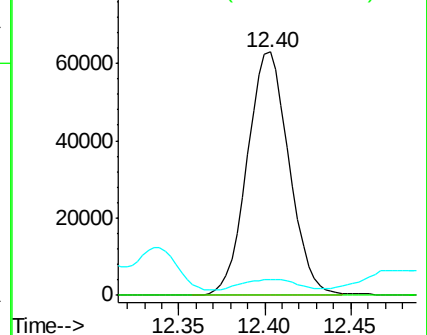
89 0.0 35.4 53.0#



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: 4.173 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN059373.D

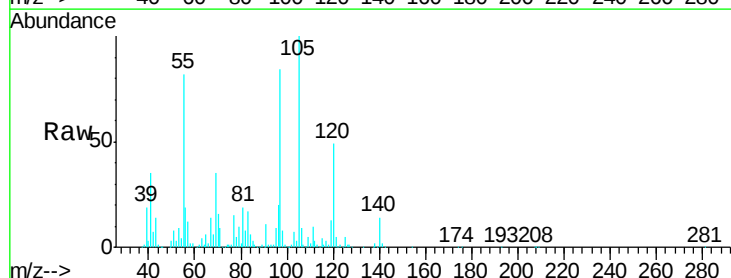
Acq: 22 Nov 2019 18:20

Tgt Ion: 91 Resp: 49517

Ion Ratio Lower Upper

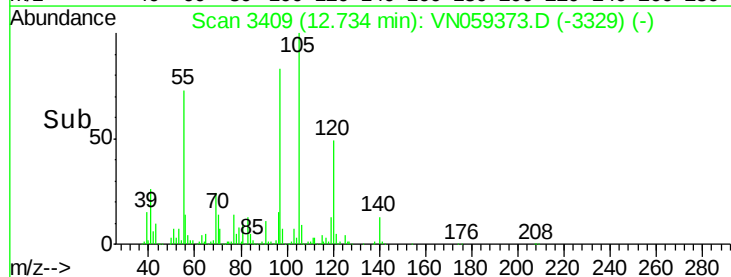
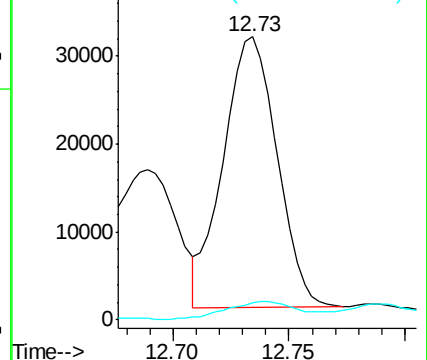
91 100

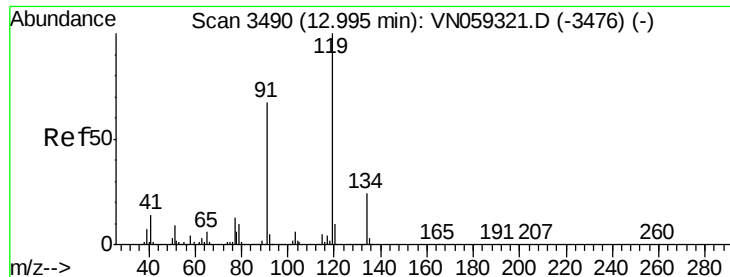
126 9.1 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.383 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059373.D

Acq: 22 Nov 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

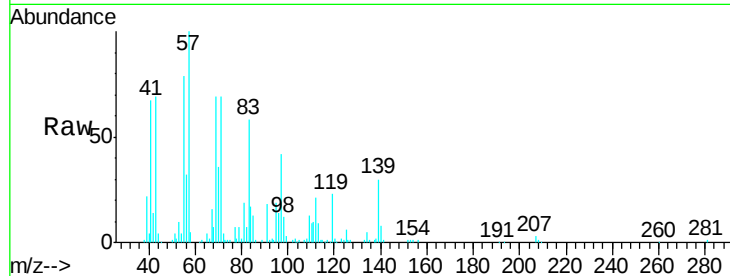
Tgt Ion:119 Resp: 16193

Ion Ratio Lower Upper

119 100

91 45.3 32.8 98.4

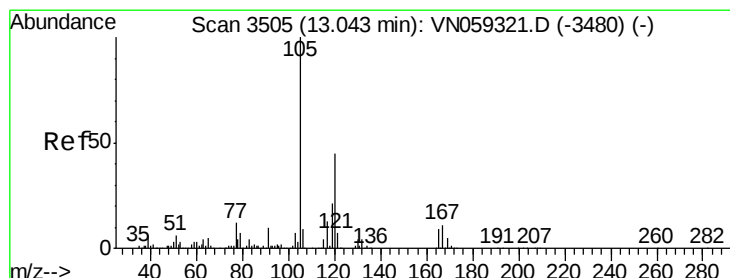
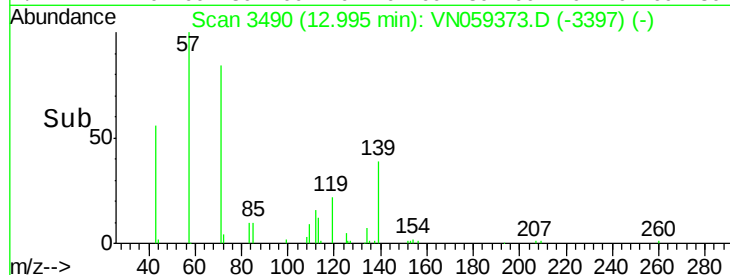
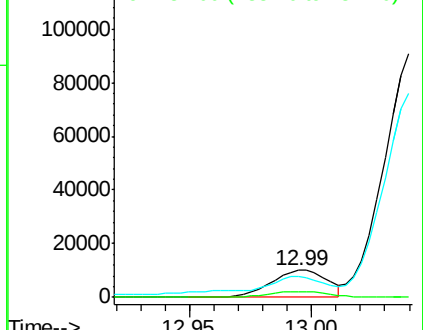
134 23.2 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 88.098 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059373.D

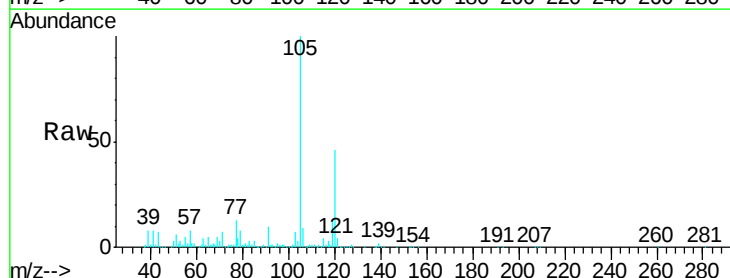
Acq: 22 Nov 2019 18:20

Tgt Ion:105 Resp: 1196503

Ion Ratio Lower Upper

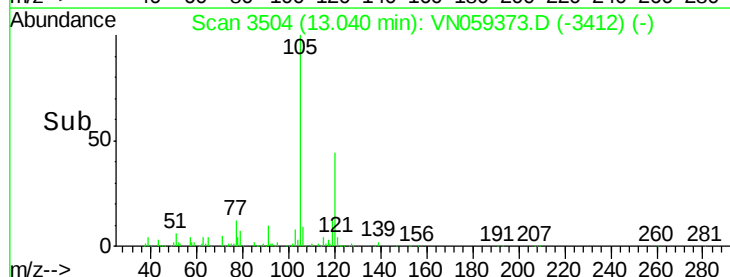
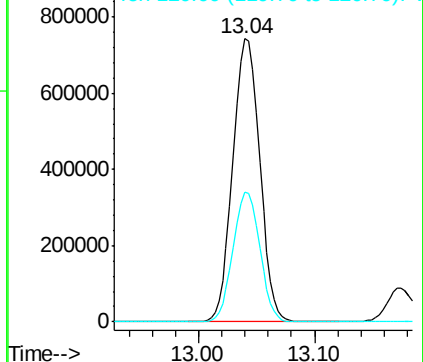
105 100

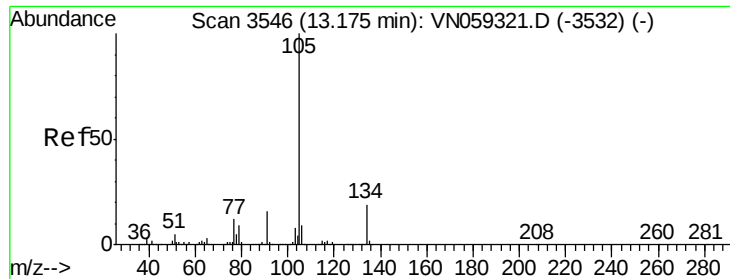
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

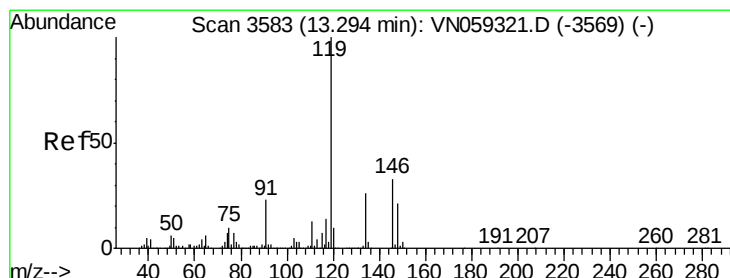
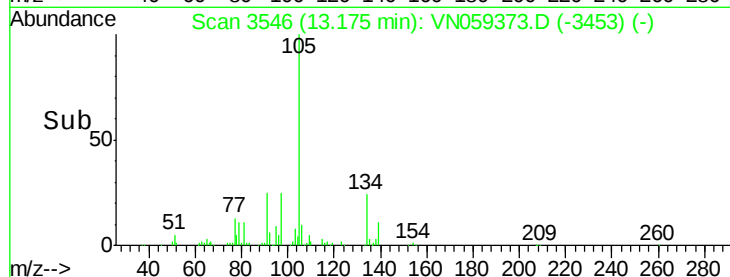
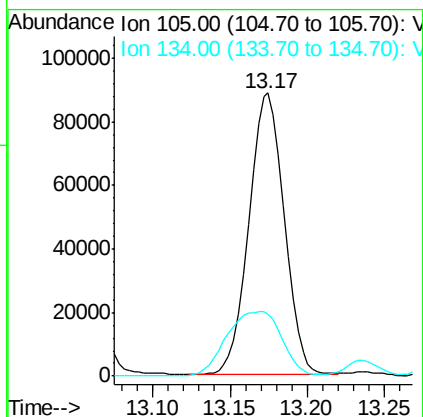
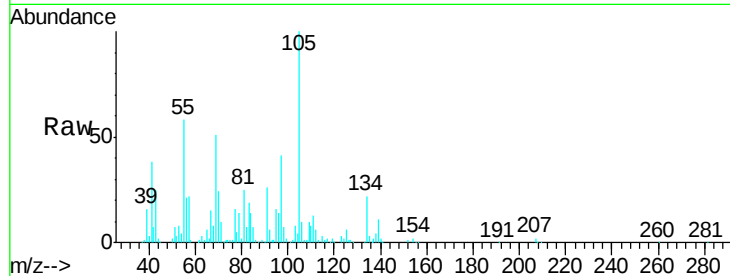




#85
 sec-Butylbenzene
 Concen: 8.938 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

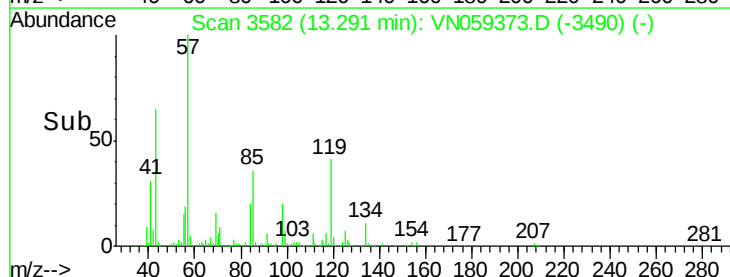
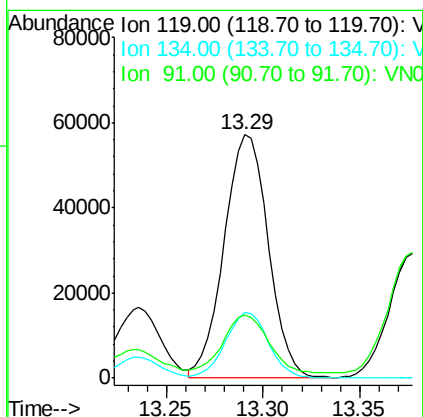
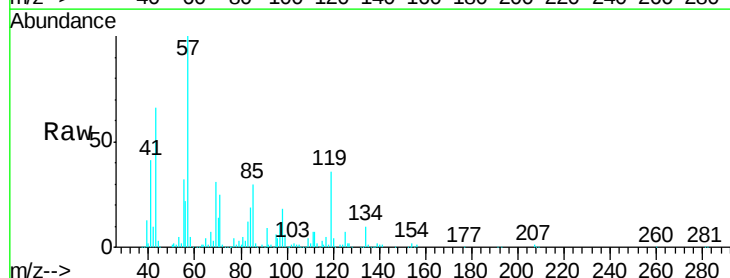
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)DL

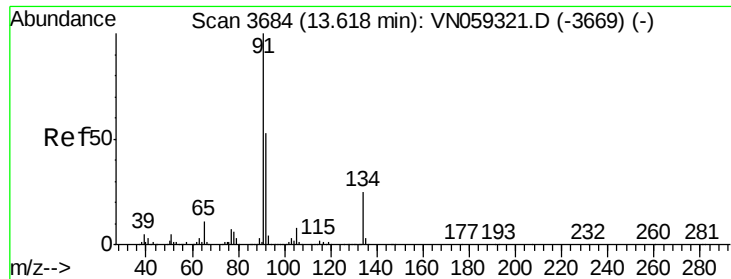
Tgt Ion:105 Resp: 140662
 Ion Ratio Lower Upper
 105 100
 134 35.7 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 6.435 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

Tgt Ion:119 Resp: 90127
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 24.0 11.6 34.7

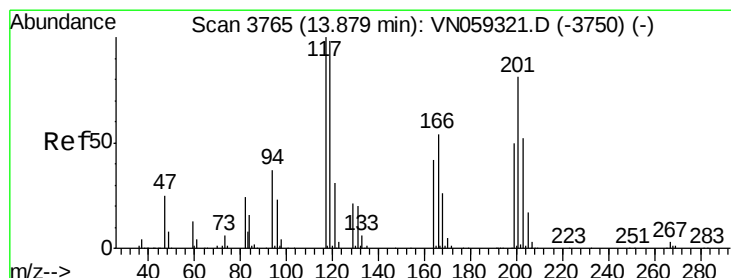
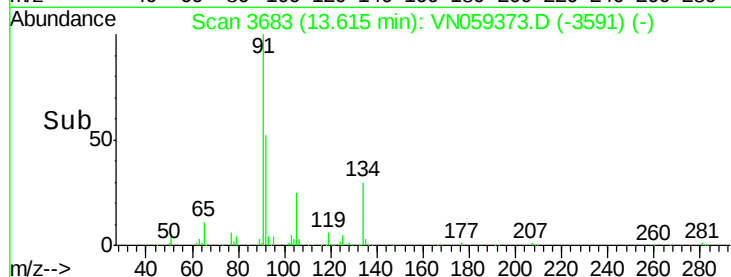
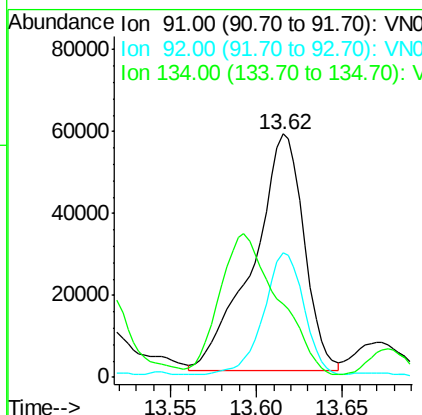
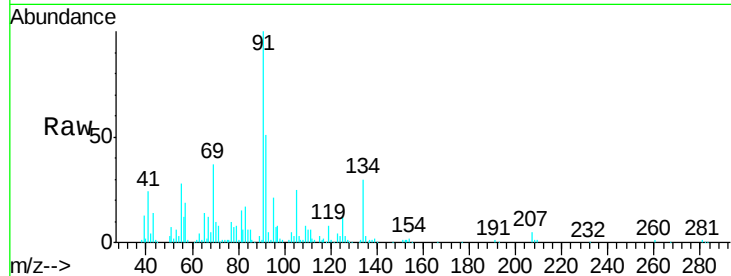




#89
n-Butylbenzene
Concen: 9.698 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

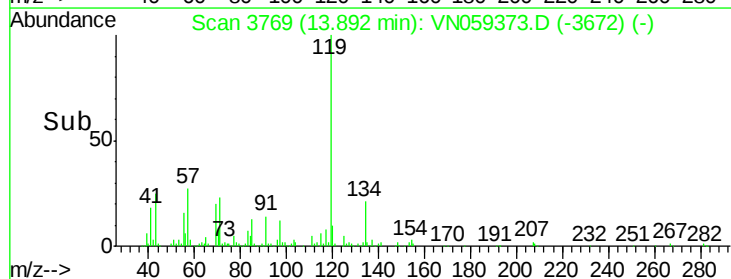
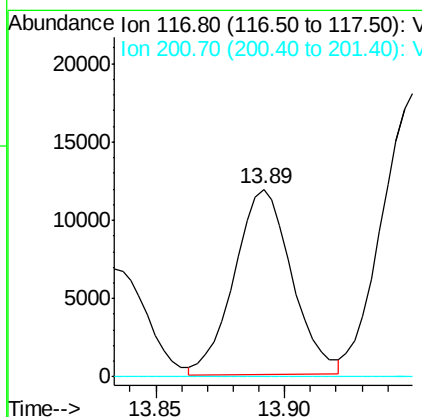
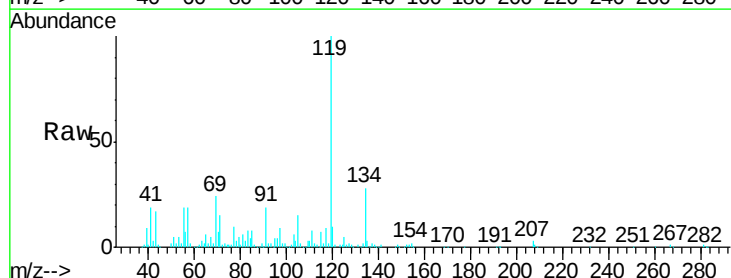
Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

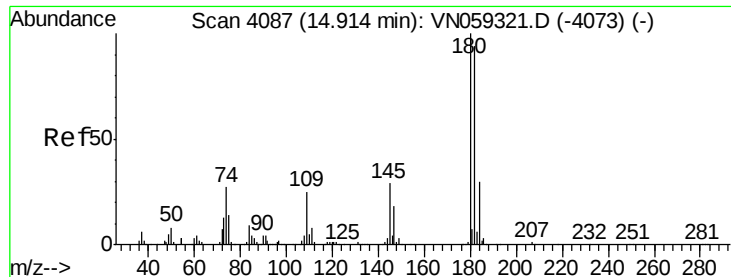
Tgt Ion: 91 Resp: 119141
Ion Ratio Lower Upper
91 100
92 40.9 26.0 78.0
134 0.0 12.7 38.1#



#90
Hexachloroethane
Concen: 6.939 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion: 117 Resp: 18405
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

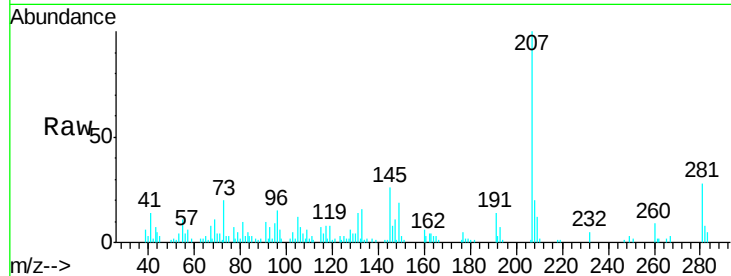




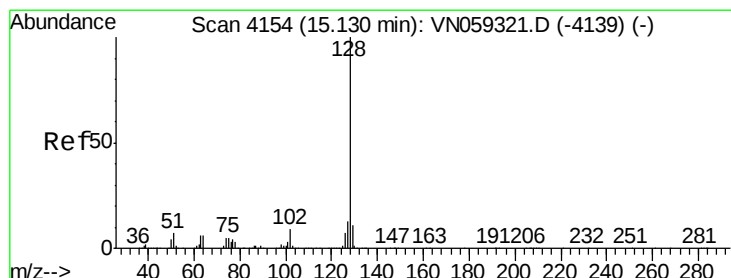
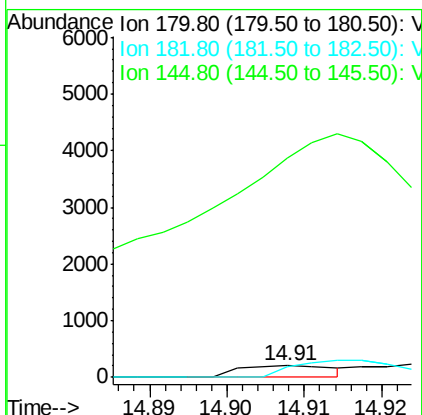
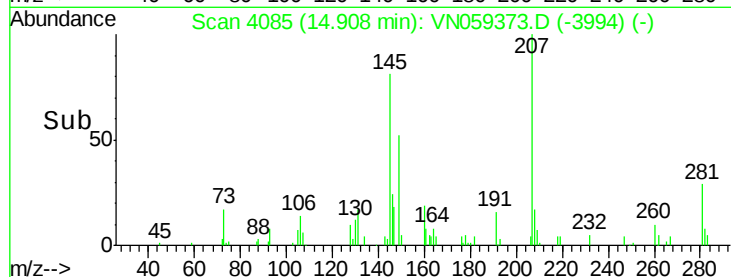
#93
 1,2,4-Trichlorobenzene
 Concen: 2.978 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.01 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)DL

Tgt Ion:180 Resp: 180
 Ion Ratio Lower Upper
 180 100
 182 149.4 47.2 141.6#
 145 4998.3 14.9 44.5#

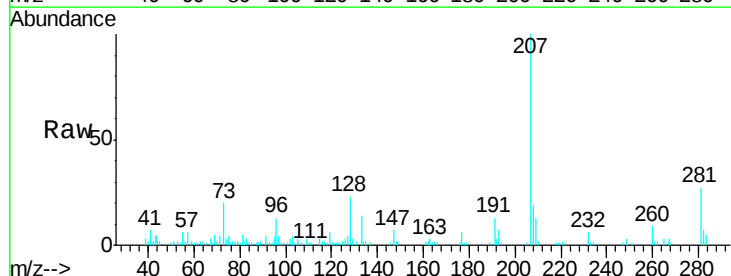


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

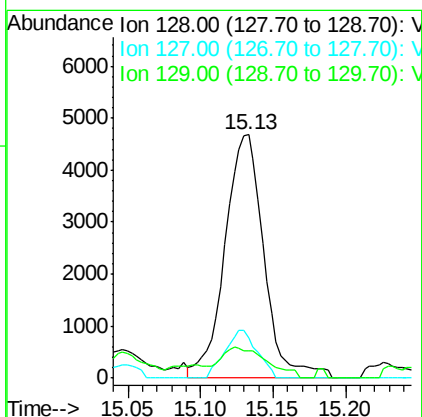
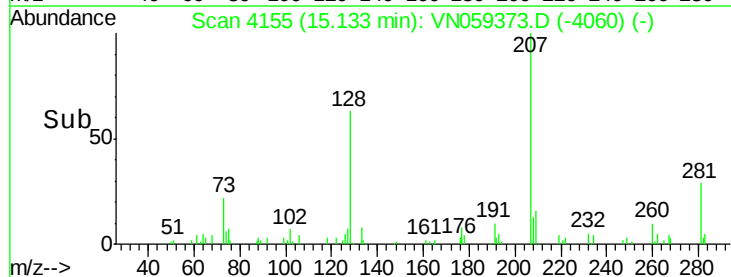


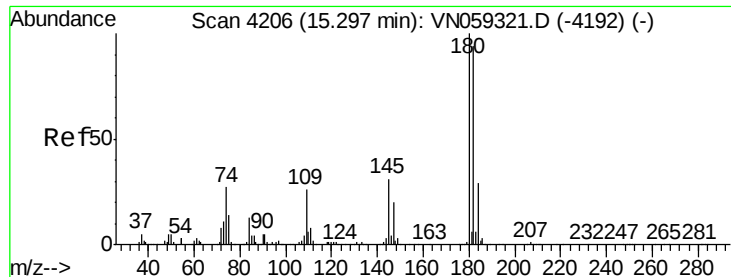
#95
 Naphthalene
 Concen: 3.859 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

Tgt Ion:128 Resp: 8754
 Ion Ratio Lower Upper
 128 100
 127 16.2 10.2 15.2#
 129 15.2 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: 1.922 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN059373.D
 Acq: 22 Nov 2019 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	209.8	47.1	141.4#
145	0.0	15.6	46.8#

