

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059365.D
 Acq On : 22 Nov 2019 15:25
 Operator : JC/SP
 Sample : K5957-10ME 50X
 Misc : 5.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 22 16:48:07 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	7.65	168	350701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	539040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193705	50.00	ug/l	0.00

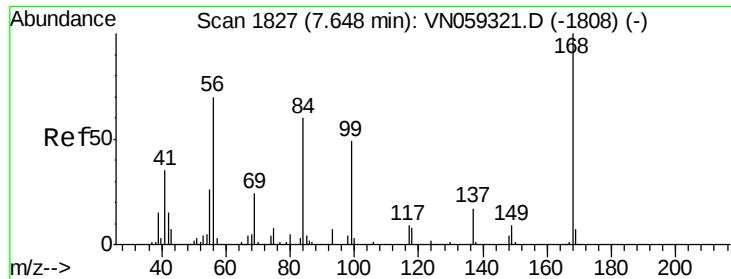
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	200855	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.57	113	161500	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.08	98	649575	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	217691	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	204	0.242	ug/l #	73
17) Carbon Disulfide	4.03	76	1278	0.248	ug/l #	75
31) Cyclohexane	7.64	56	6485	0.875	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	26269	4.721	ug/l #	49
38) Carbon Tetrachloride	7.65	117	32357	6.074	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	2745	0.513	ug/l #	1
56) Ethyl methacrylate	10.42	69	29	2.197	ug/l #	1
59) 2-Hexanone	10.72	43	2123	0.542	ug/l #	24
67) Ethyl Benzene	11.51	91	8410	0.459	ug/l	95
68) m/p-Xylenes	11.62	106	5624	0.827	ug/l	93
71) Bromoform	12.40	173	1151	0.408	ug/l #	1
73) Isopropylbenzene	12.25	105	11252	0.709	ug/l	95
74) N-ethyl acetate	12.05	43	11132	1.746	ug/l #	66
76) 1,2,3-Trichloropropane	12.40	75	106186	23.728	ug/l #	100
78) n-propylbenzene	12.59	91	33438	1.860	ug/l	99
79) 2-Chlorotoluene	12.66	91	6489	0.588	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	58345	4.374	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	106186	59.348	ug/l #	14
82) 4-Chlorotoluene	12.73	91	6915	0.606	ug/l #	42
83) tert-Butylbenzene	12.99	119	2390	0.212	ug/l	87
84) 1,2,4-Trimethylbenzene	13.04	105	165333	12.653	ug/l	100
85) sec-Butylbenzene	13.17	105	18024	1.190	ug/l #	72
86) p-Isopropyltoluene	13.29	119	15884	1.179	ug/l	98
89) n-Butylbenzene	13.62	91	13790	1.167	ug/l #	75
90) Hexachloroethane	13.89	117	2319	0.909	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.30	75	653	0.585	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	31	2.946	ug/l #	1
95) Naphthalene	15.13	128	3867	3.485	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	66	1.917	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

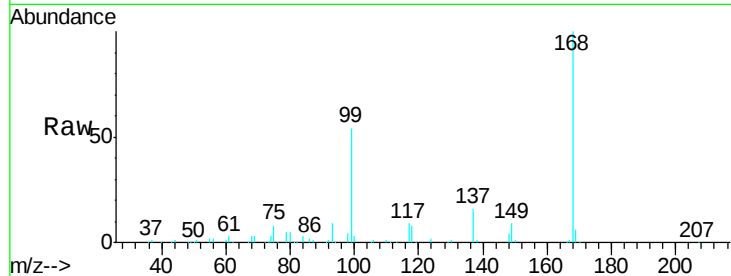
MW-4-(16-18)DL

Tgt Ion:168 Resp: 350701

Ion Ratio Lower Upper

168 100

99 54.2 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

100000

50000

0

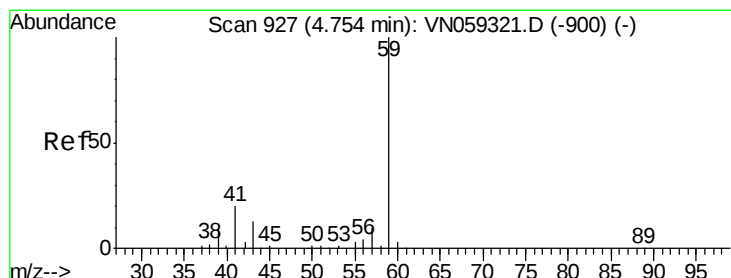
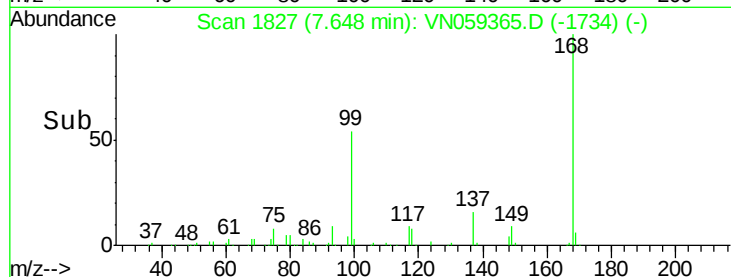
Time-->

7.50

7.60

7.70

7.80



#11

Tert butyl alcohol

Concen: 0.242 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.02 min

Lab File: VN059365.D

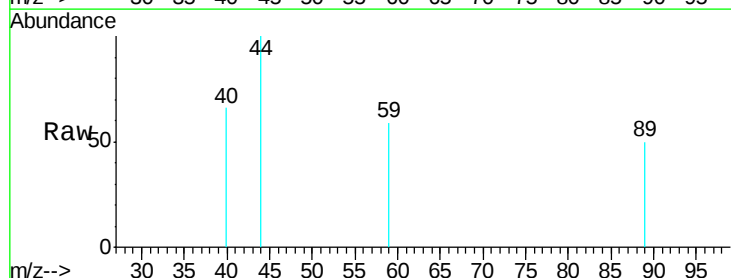
Acq: 22 Nov 2019 15:25

Tgt Ion: 59 Resp: 204

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

300

250

200

150

100

50

0

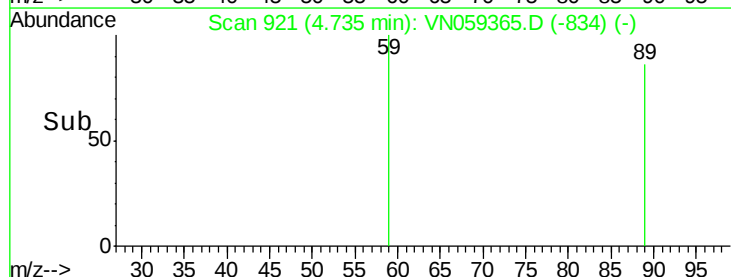
Time-->

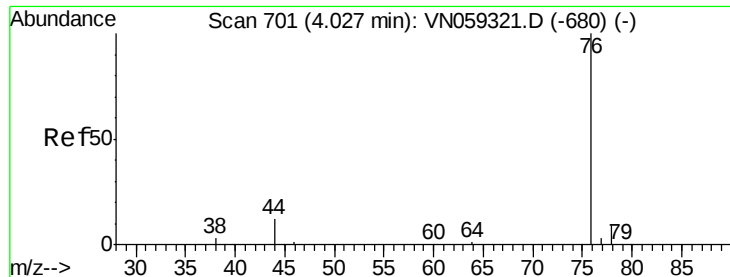
4.72

4.73

4.74

4.75

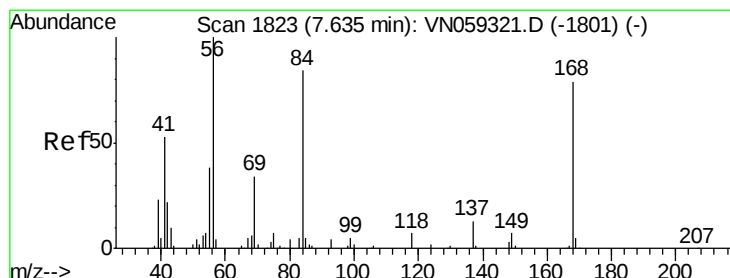
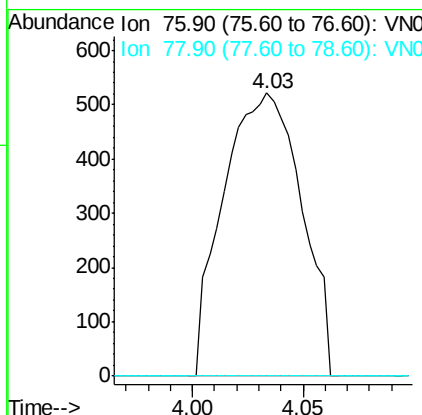
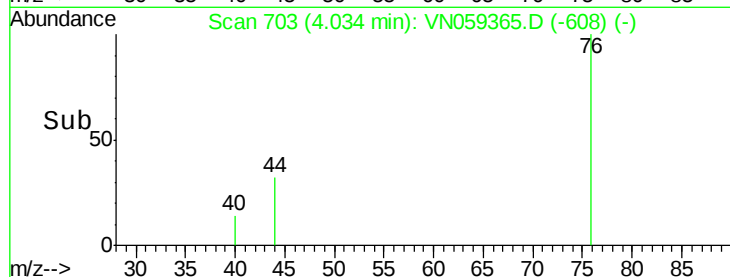
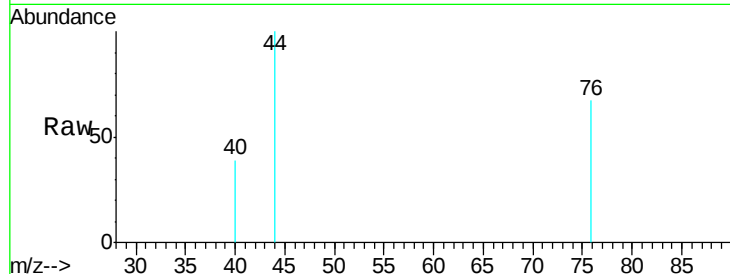




#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

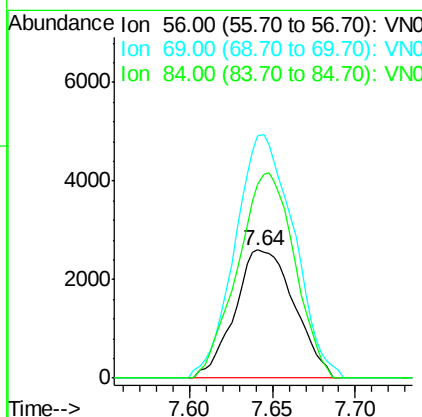
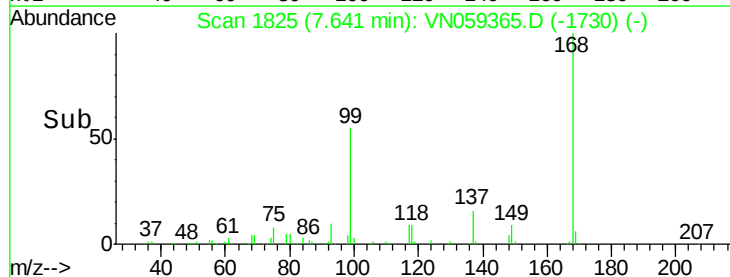
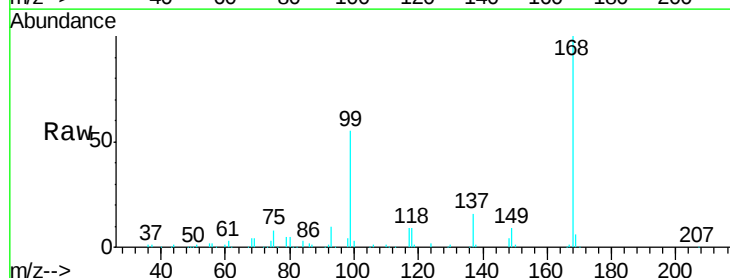
Instrument :
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MW-4-(16-18)DL

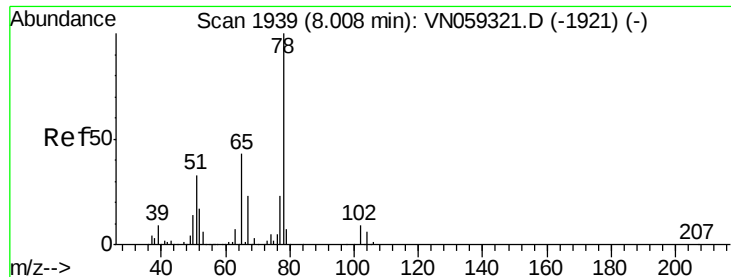
Tgt Ion: 76 Resp: 1278
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 0.875 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

Tgt Ion: 56 Resp: 6485
Ion Ratio Lower Upper
56 100
69 189.2 26.6 40.0#
84 151.9 67.0 100.4#

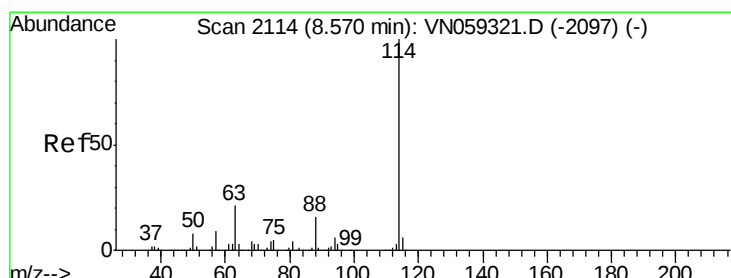
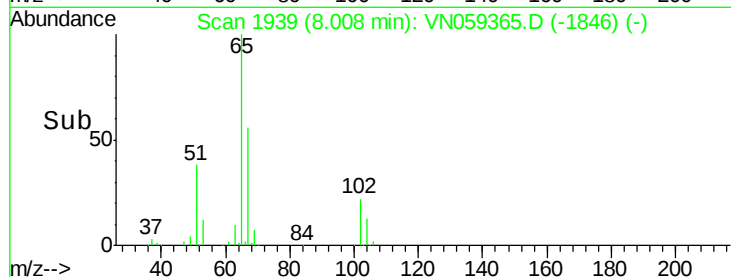
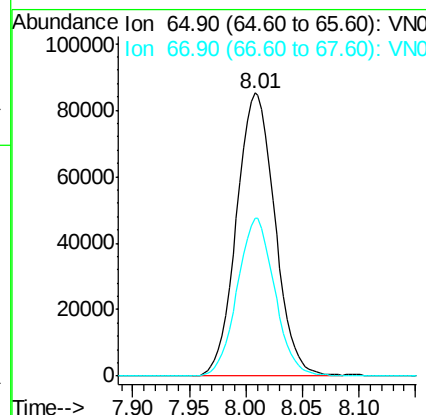
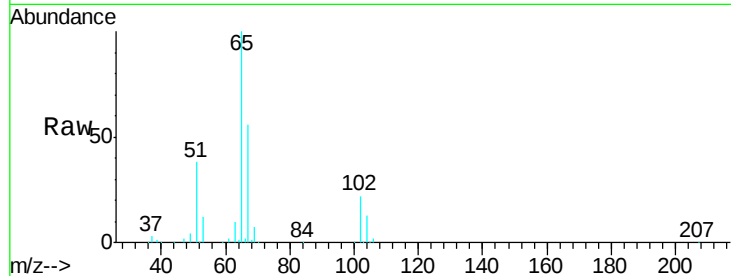




#33
 1,2-Dichloroethane-d4
 Concen: 47.734 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

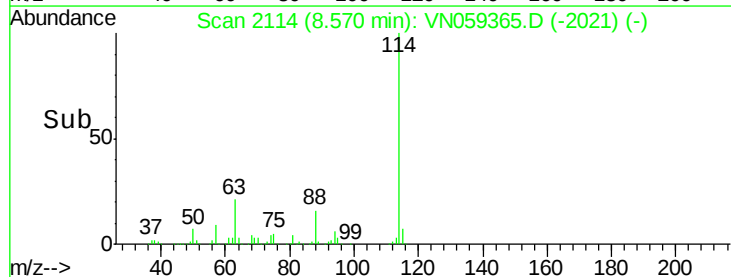
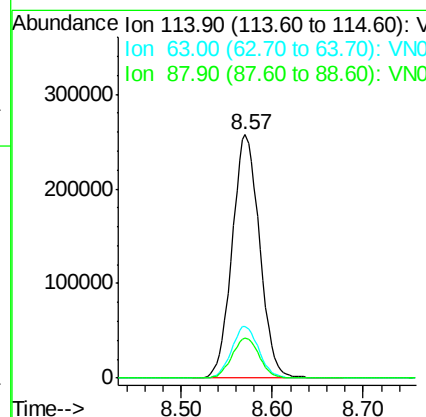
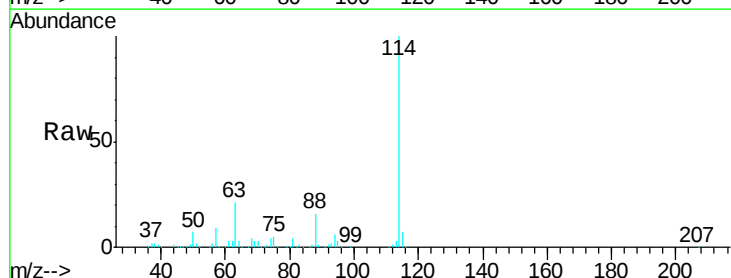
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

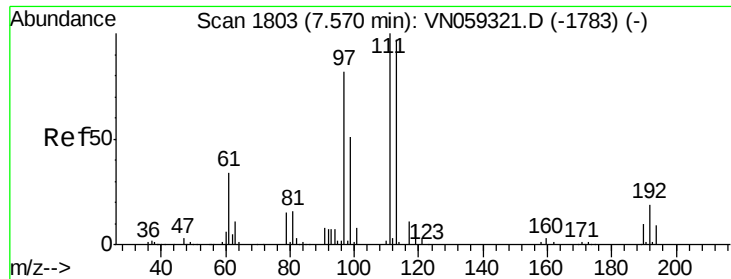
Tgt Ion: 65 Resp: 200855
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

Tgt Ion: 114 Resp: 539040
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.2
 88 16.5 0.0 32.2

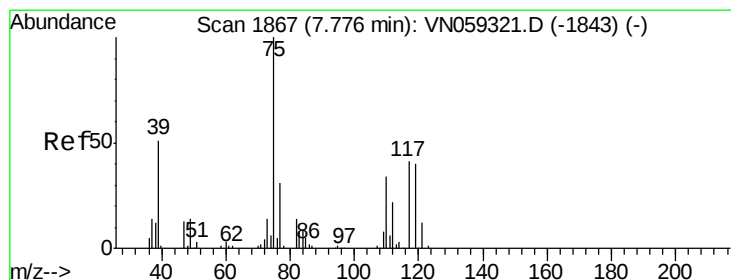
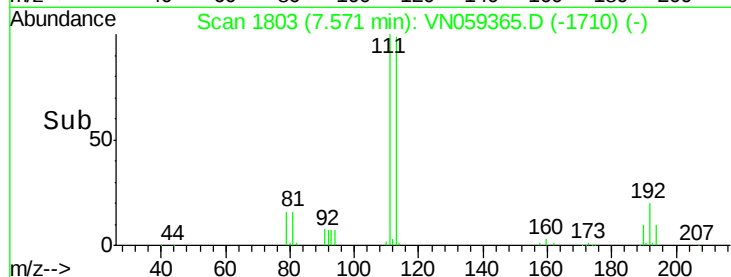
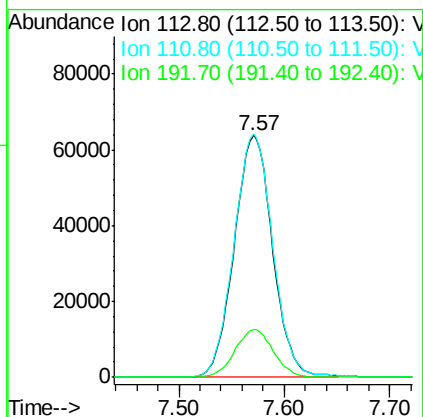
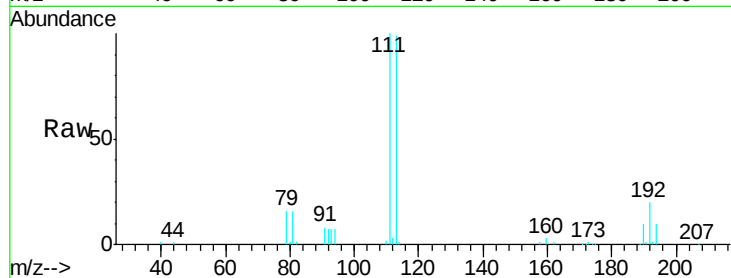




#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

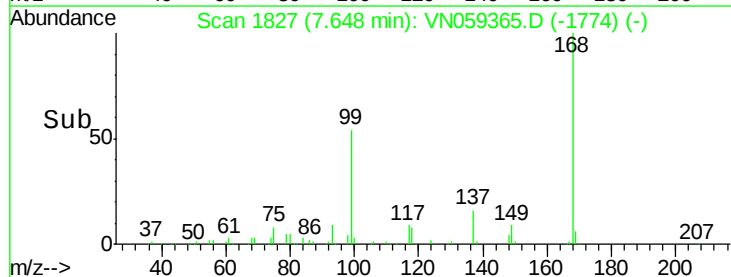
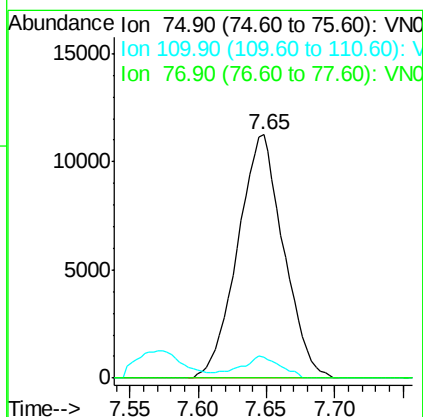
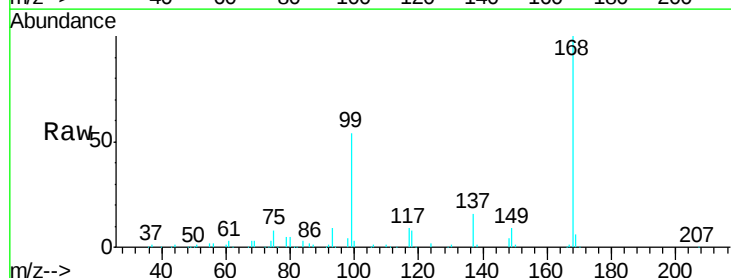
Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

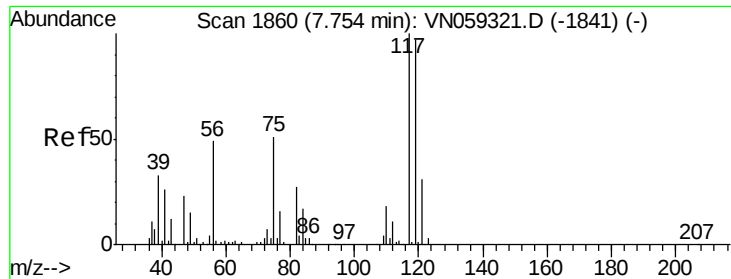
Tgt Ion:113 Resp: 161500
Ion Ratio Lower Upper
113 100
111 101.8 82.7 124.1
192 19.8 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.721 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

Tgt Ion: 75 Resp: 26269
Ion Ratio Lower Upper
75 100
110 7.9 17.0 51.0#
77 0.0 24.8 37.2#

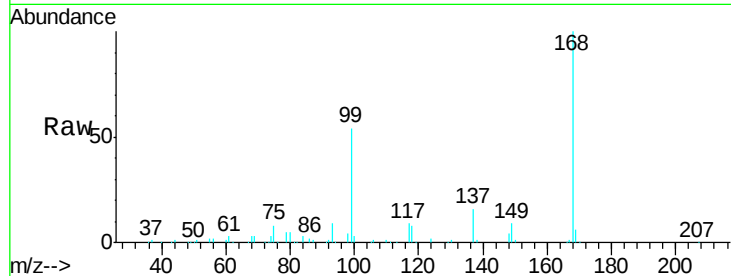




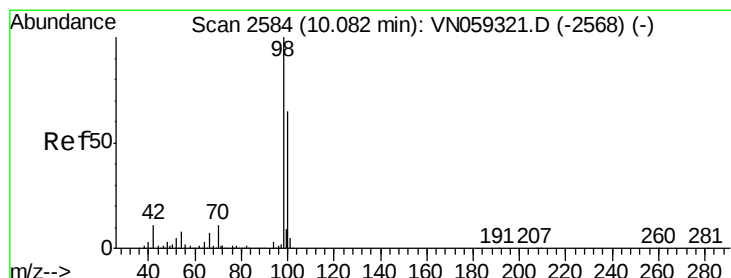
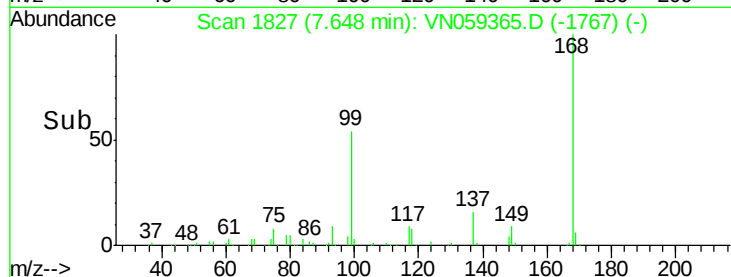
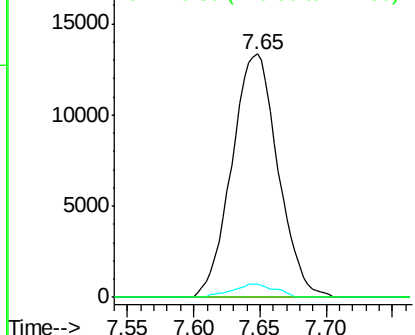
#38
Carbon Tetrachloride
Concen: 6.074 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

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

Tgt Ion:117 Resp: 32357
Ion Ratio Lower Upper
117 100
119 5.4 77.0 115.4#
121 0.0 24.4 36.6#

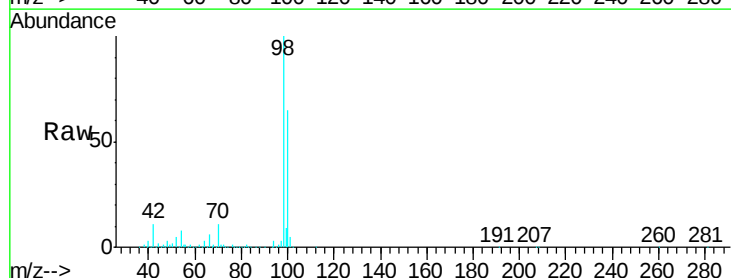


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

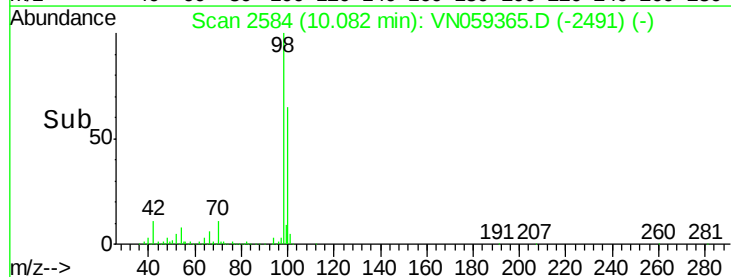
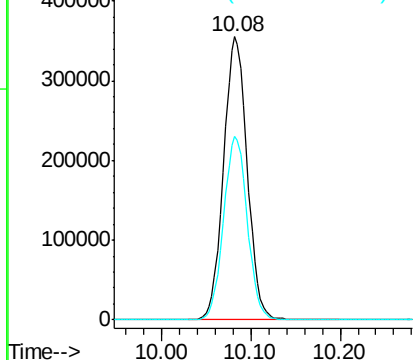


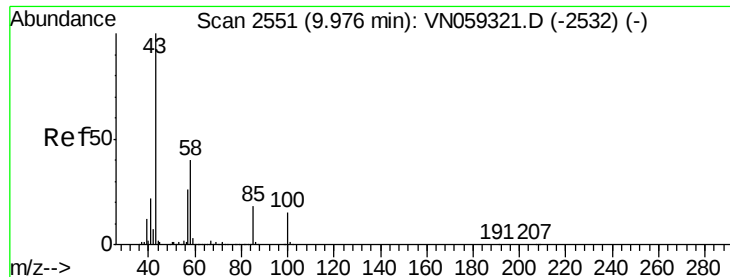
#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

Tgt Ion: 98 Resp: 649575
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 0.513 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.10 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

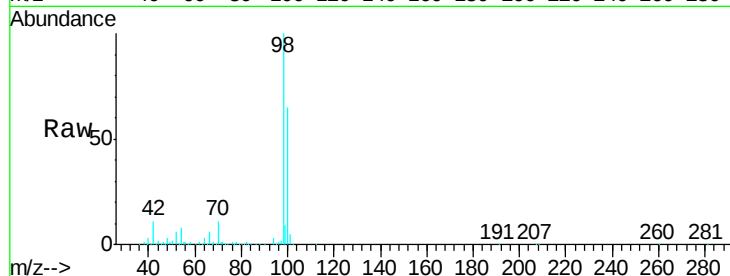
MW-4-(16-18)DL

Tgt Ion: 43 Resp: 2745

Ion Ratio Lower Upper

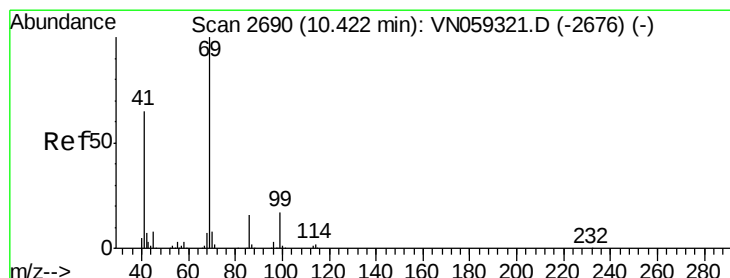
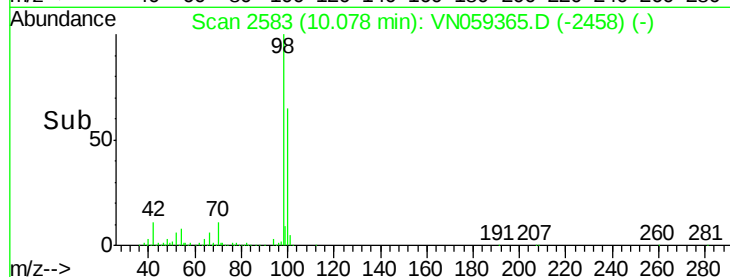
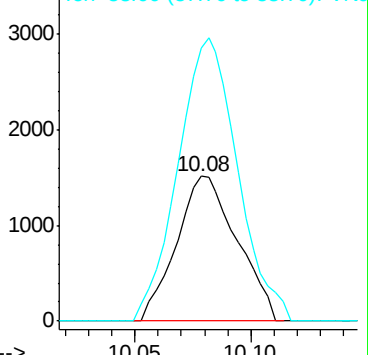
43 100

58 192.2 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-2532) (-)



#56

Ethyl methacrylate

Concen: 2.197 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.01 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

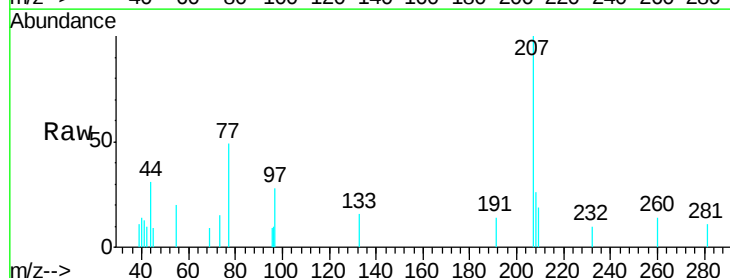
Tgt Ion: 69 Resp: 29

Ion Ratio Lower Upper

69 100

41 1427.6 51.7 77.5#

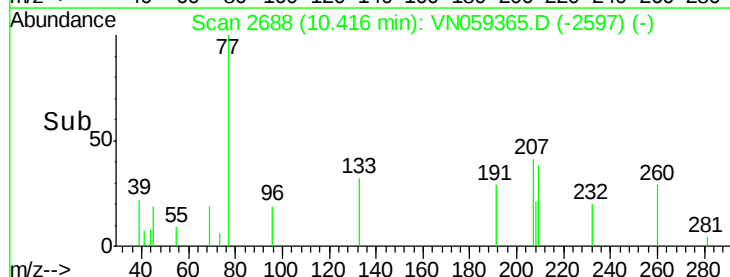
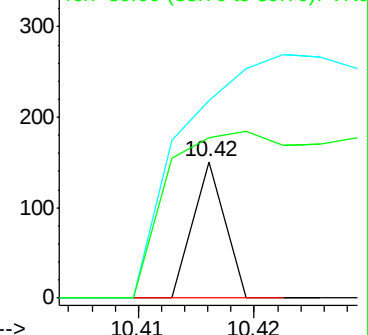
39 793.1 25.2 37.8#

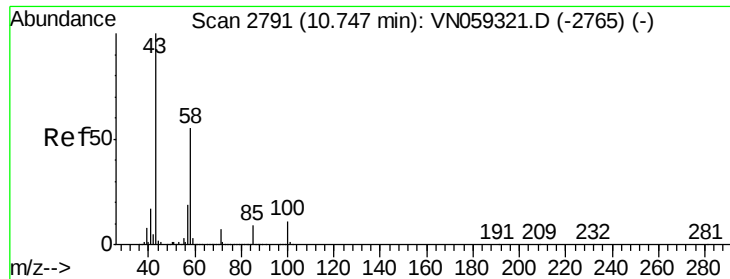


Abundance Ion 69.00 (68.70 to 69.70): VN059321.D (-2676) (-)

Ion 41.00 (40.70 to 41.70): VN059321.D (-2676) (-)

Ion 39.00 (38.70 to 39.70): VN059321.D (-2676) (-)

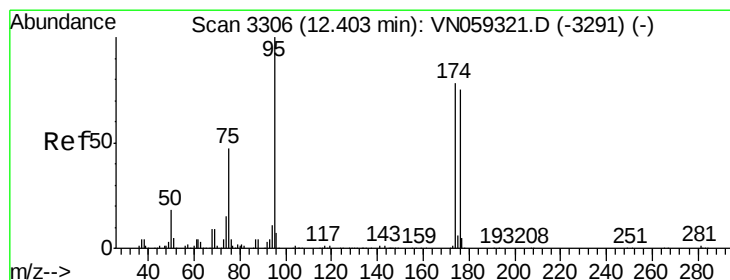
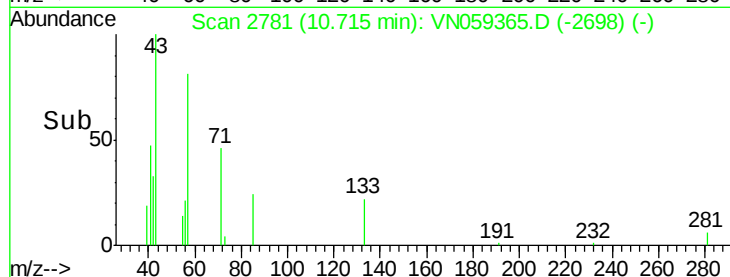
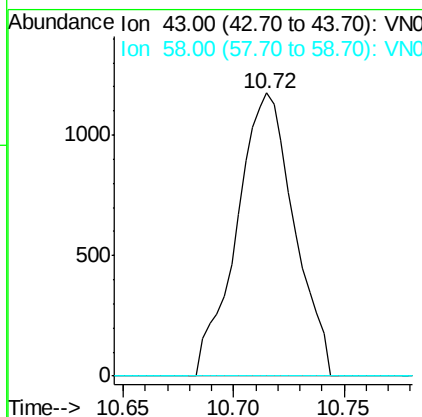
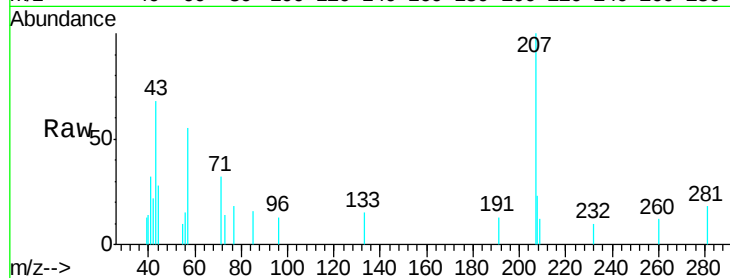




#59
2-Hexanone
Concen: 0.542 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.03 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

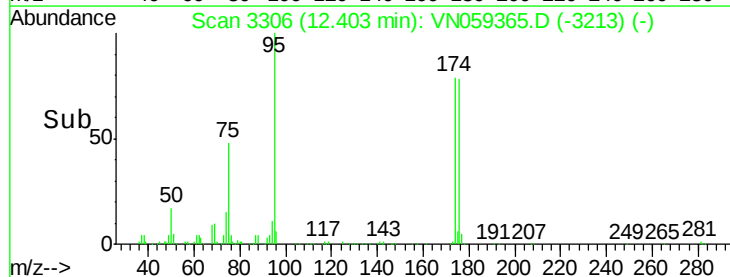
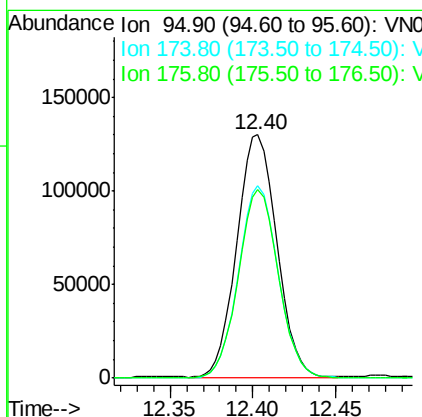
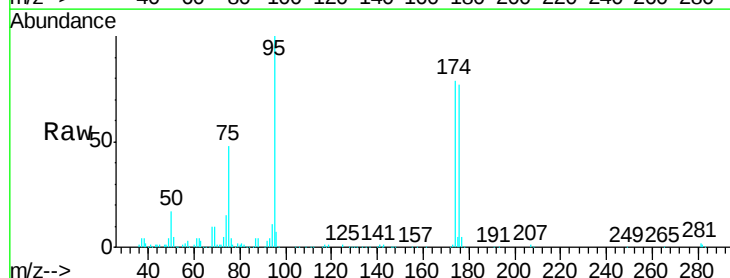
Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

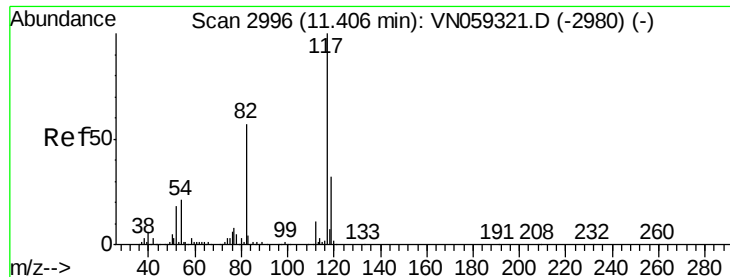
Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 0.0 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 48.427 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

Tgt Ion: 95 Resp: 217691
Ion Ratio Lower Upper
95 100
174 79.2 0.0 157.4
176 77.8 0.0 151.2

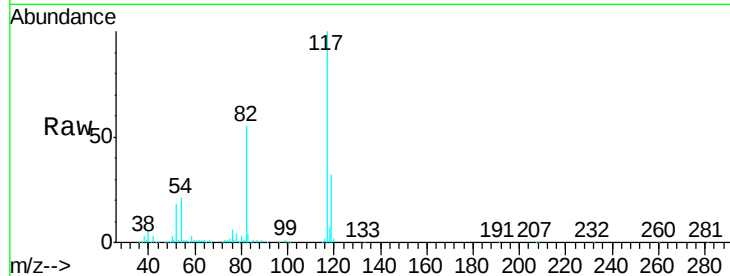




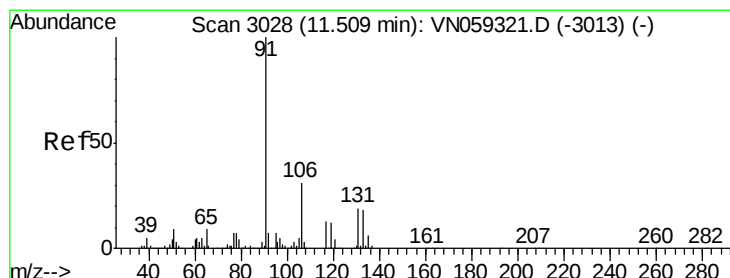
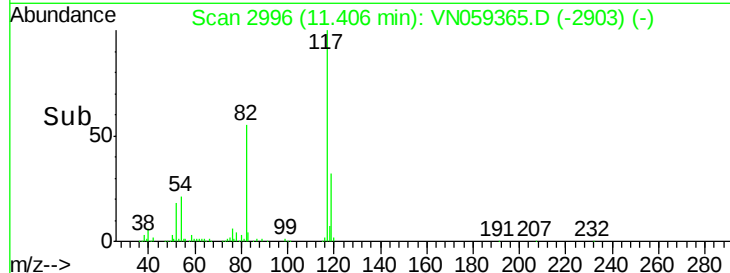
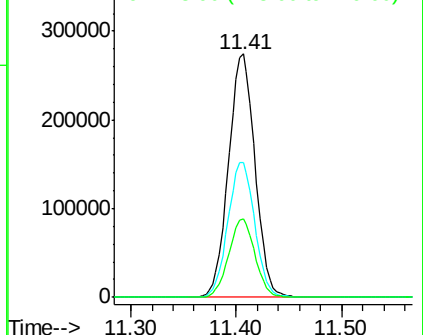
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

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

Tgt Ion:117 Resp: 476889
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 32.3 25.8 38.6

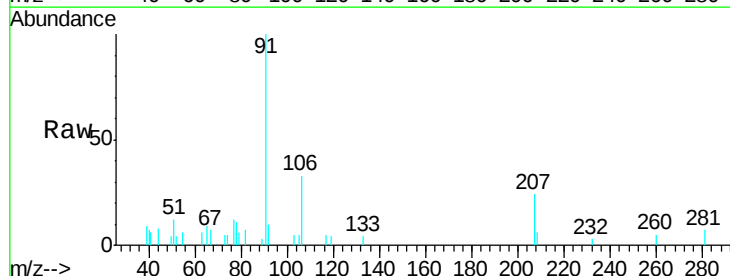


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

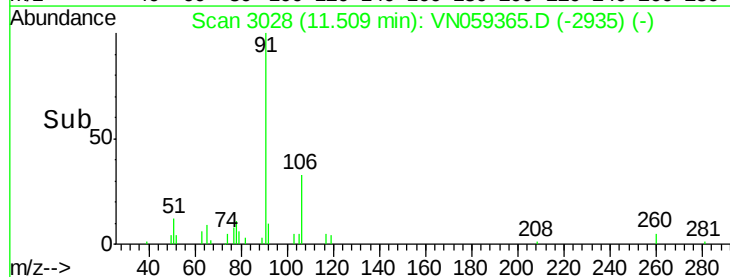
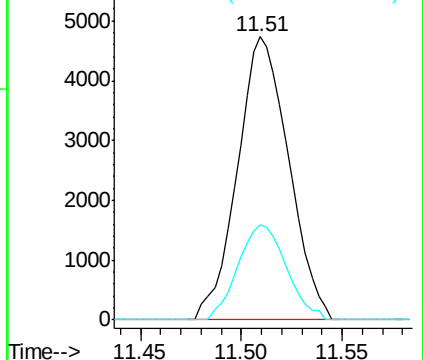


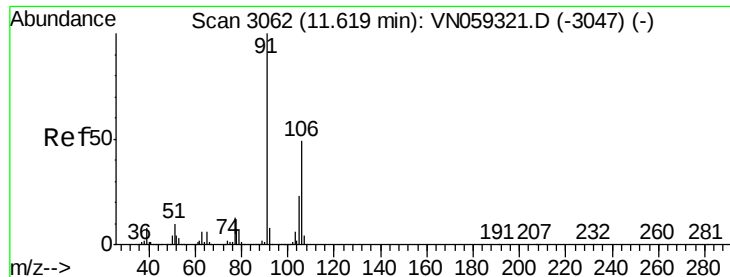
#67
Ethyl Benzene
Concen: 0.459 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059365.D
Acq: 22 Nov 2019 15:25

Tgt Ion: 91 Resp: 8410
Ion Ratio Lower Upper
91 100
106 33.5 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: 0.827 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

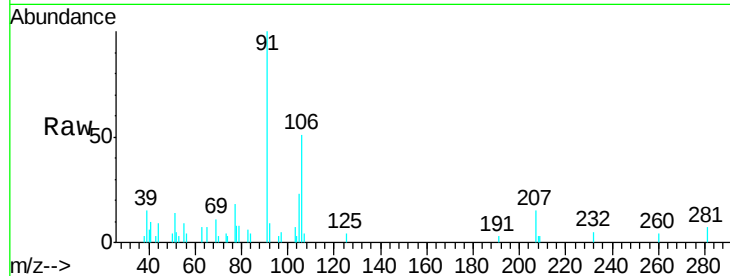
MW-4-(16-18)DL

Tgt Ion:106 Resp: 5624

Ion Ratio Lower Upper

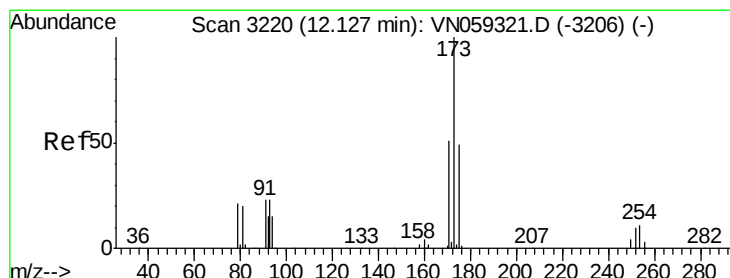
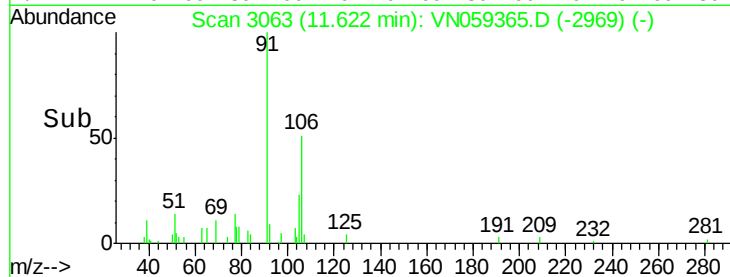
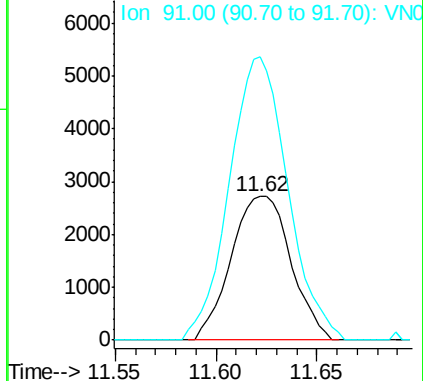
106 100

91 192.7 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.408 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

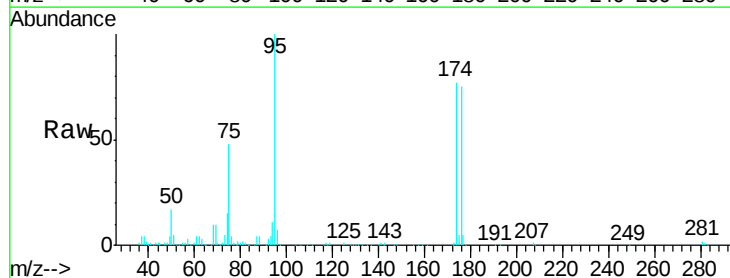
Tgt Ion:173 Resp: 1151

Ion Ratio Lower Upper

173 100

175 903.9 24.6 73.6#

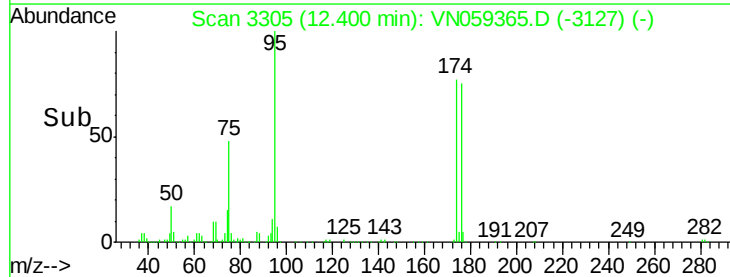
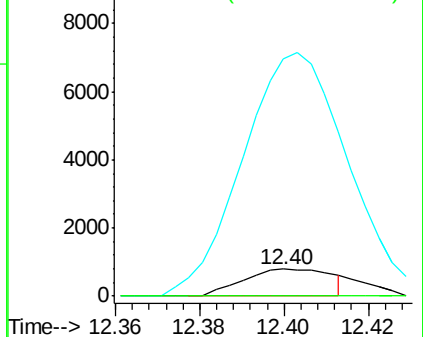
254 0.0 0.1 0.1#

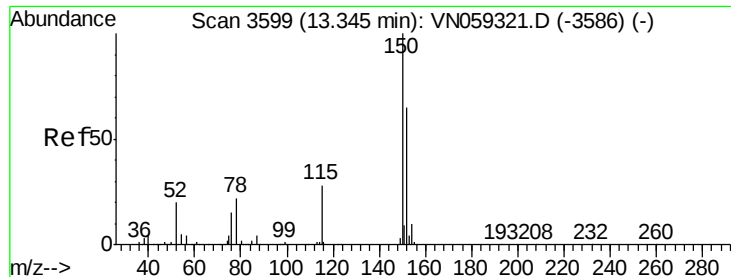


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(16-18)DL

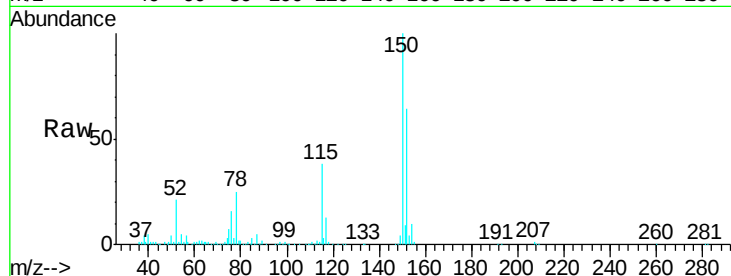
Tgt Ion:152 Resp: 193705

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

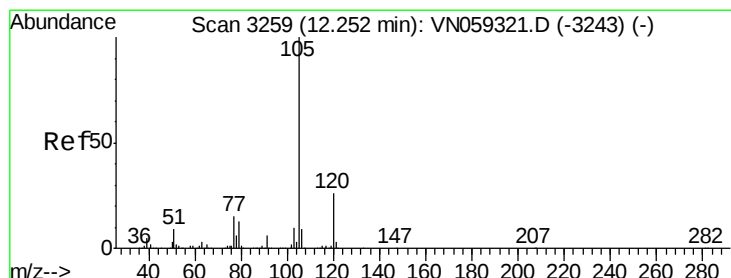
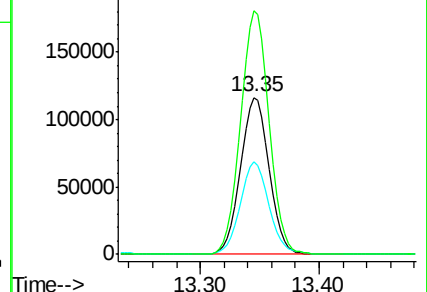
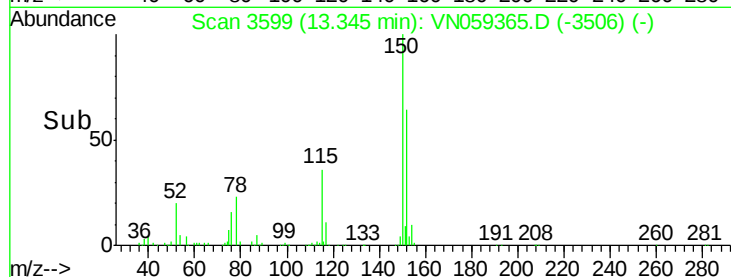
150 154.8 0.0 346.0



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: 0.709 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059365.D

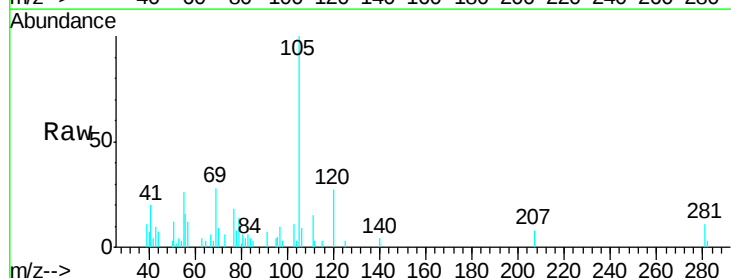
Acq: 22 Nov 2019 15:25

Tgt Ion:105 Resp: 11252

Ion Ratio Lower Upper

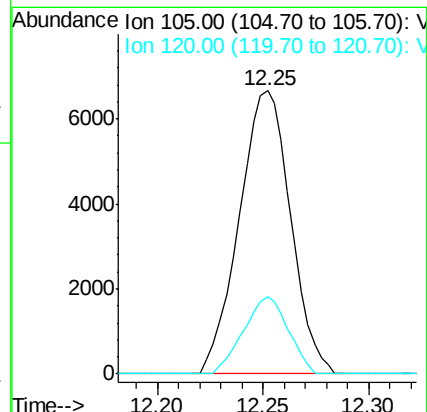
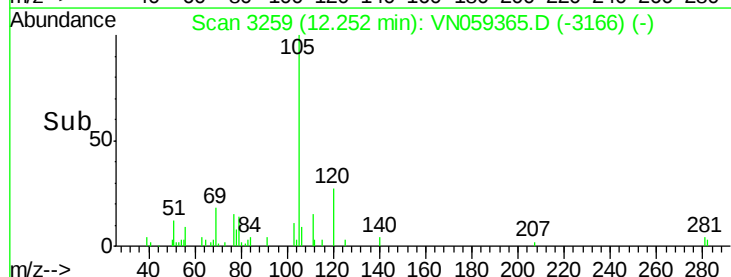
105 100

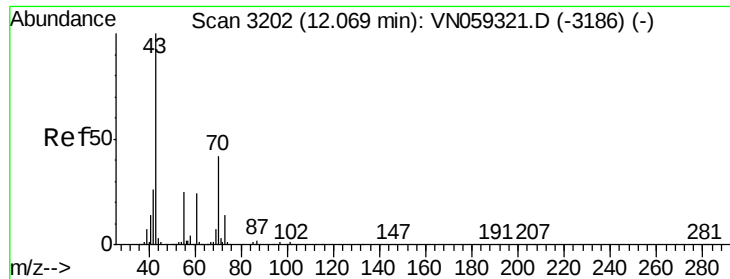
120 23.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 1.746 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(16-18)DL

Tgt Ion: 43 Resp: 11132

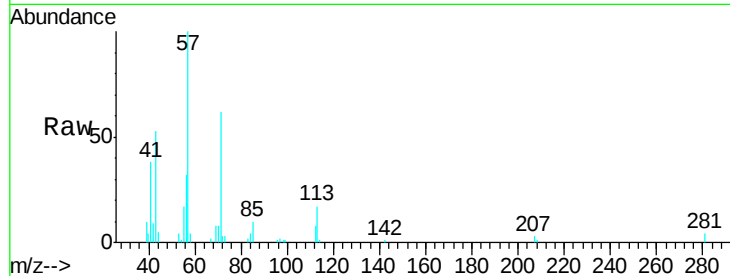
Ion Ratio Lower Upper

43 100

70 13.7 33.8 50.6#

55 25.7 20.3 30.5

61 0.0 19.9 29.9#

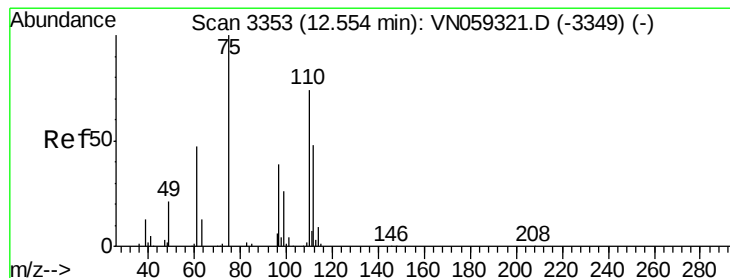
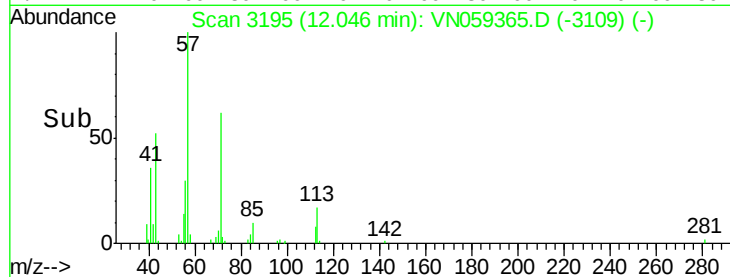
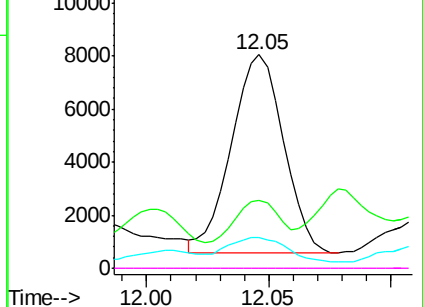


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 23.728 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059365.D

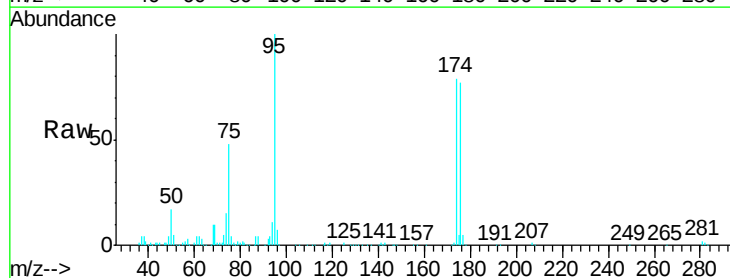
Acq: 22 Nov 2019 15:25

Tgt Ion: 75 Resp: 106186

Ion Ratio Lower Upper

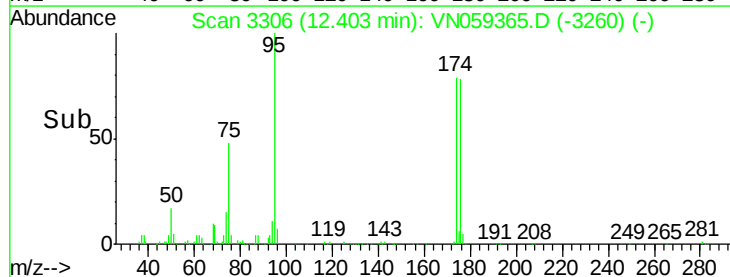
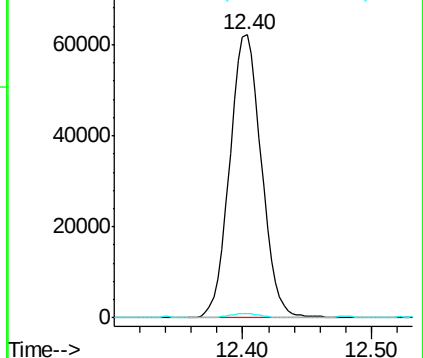
75 100

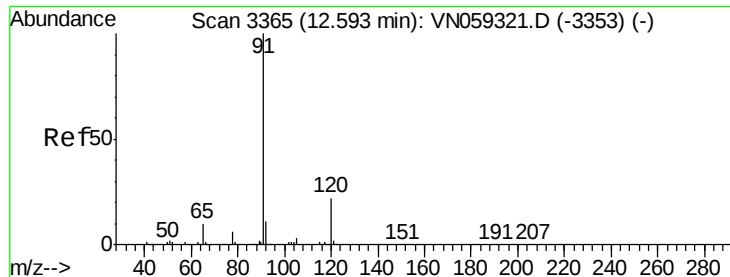
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 1.860 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

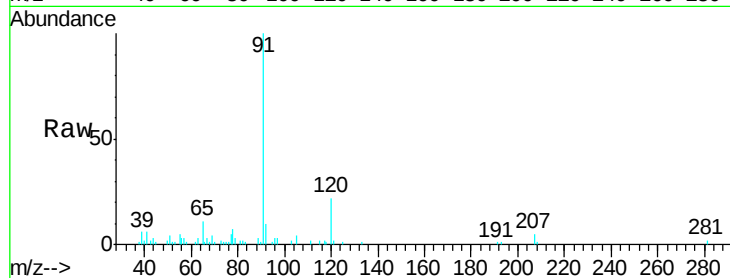
MW-4-(16-18)DL

Tgt Ion: 91 Resp: 33438

Ion Ratio Lower Upper

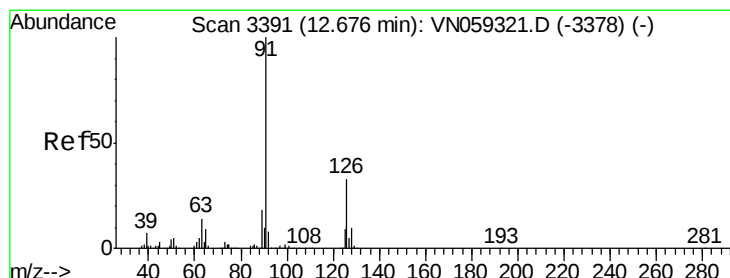
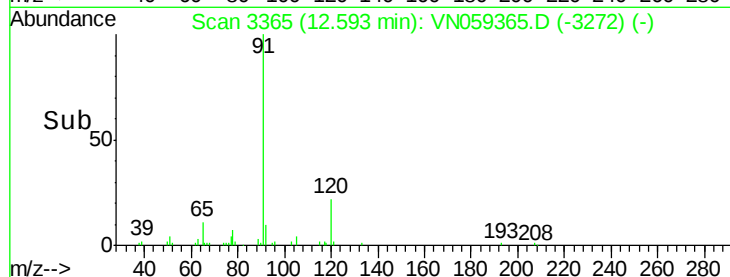
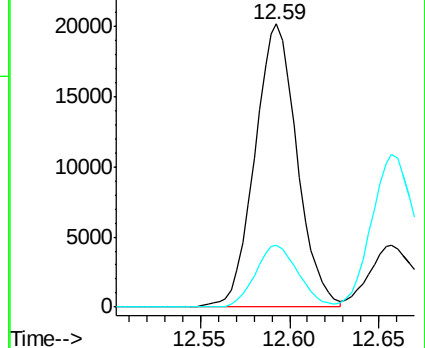
91 100

120 22.1 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: 0.588 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN059365.D

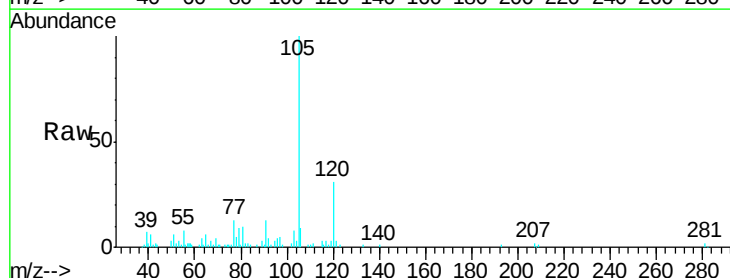
Acq: 22 Nov 2019 15:25

Tgt Ion: 91 Resp: 6489

Ion Ratio Lower Upper

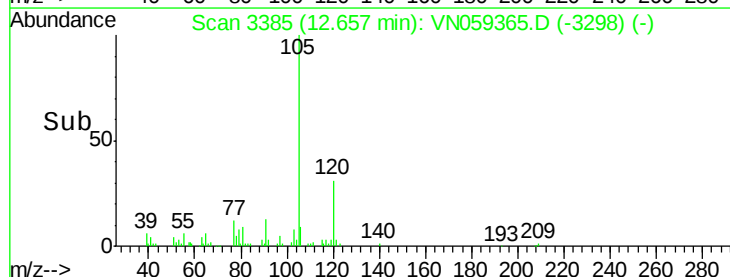
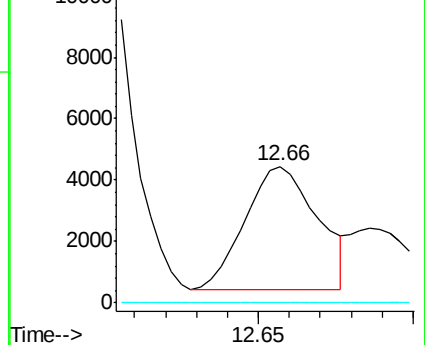
91 100

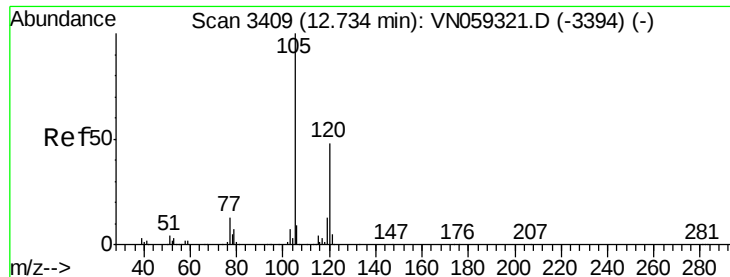
126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 4.374 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

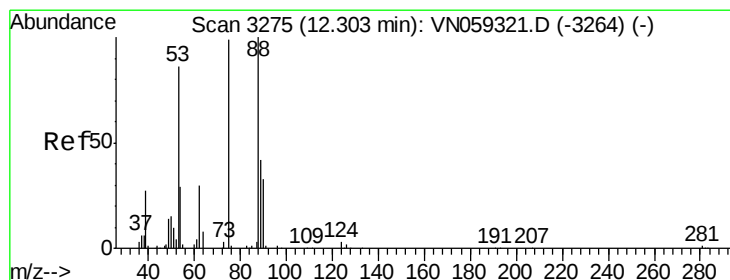
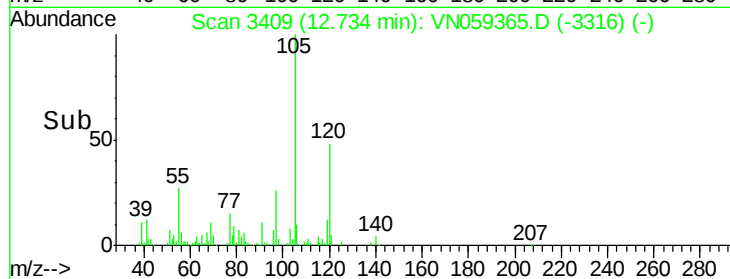
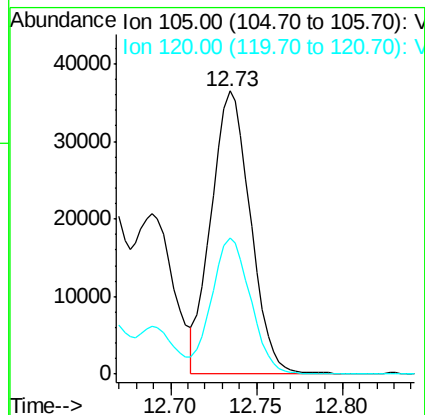
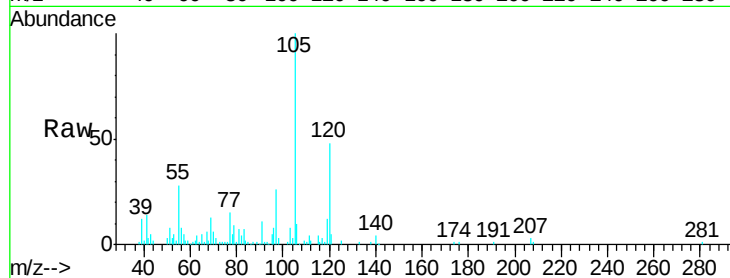
MW-4-(16-18)DL

Tgt Ion: 105 Resp: 58345

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 59.348 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

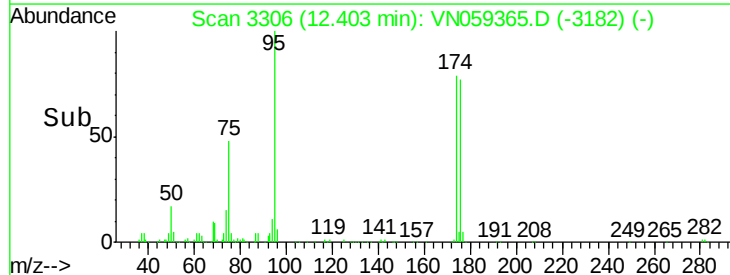
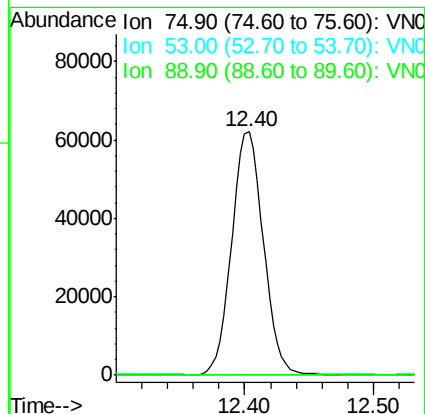
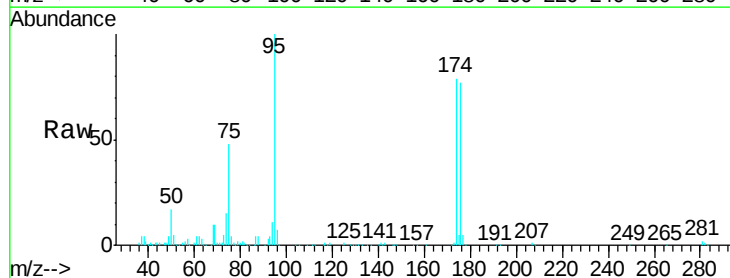
Tgt Ion: 75 Resp: 106186

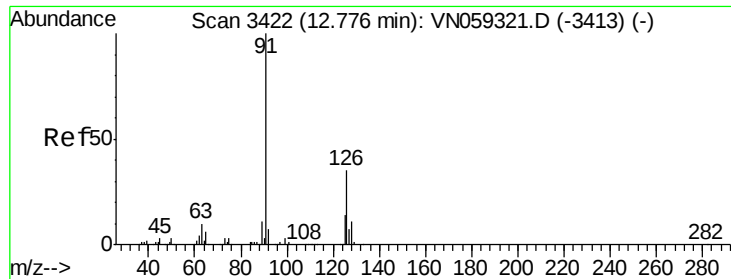
Ion Ratio Lower Upper

75 100

53 0.2 70.7 106.1#

89 0.0 35.4 53.0#





#82

4-Chlorotoluene

Concen: 0.606 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampled :

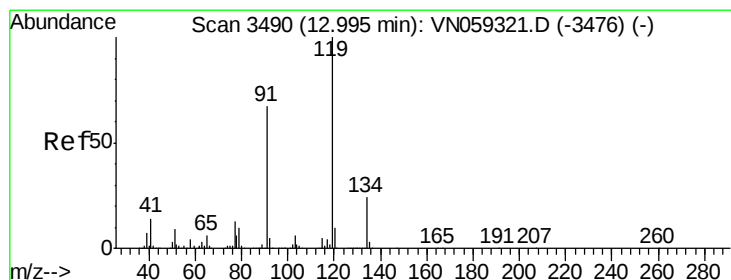
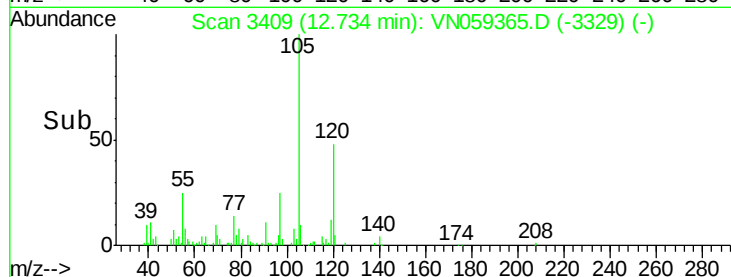
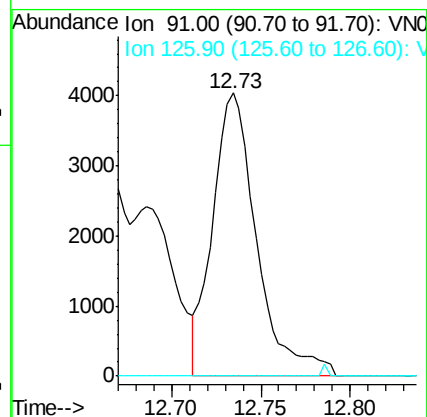
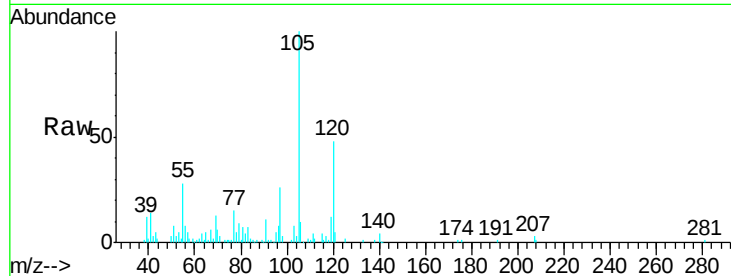
MW-4-(16-18)DL

Tgt Ion: 91 Resp: 6915

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 0.212 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

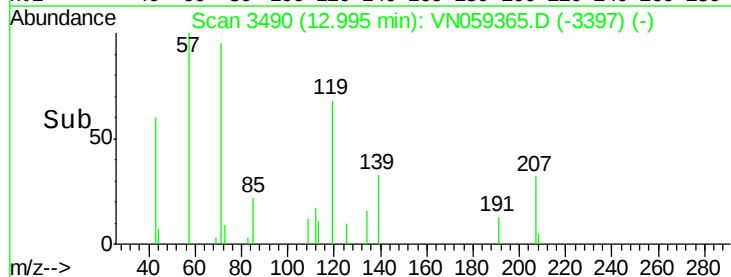
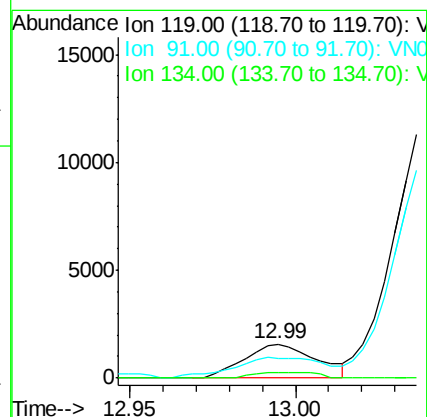
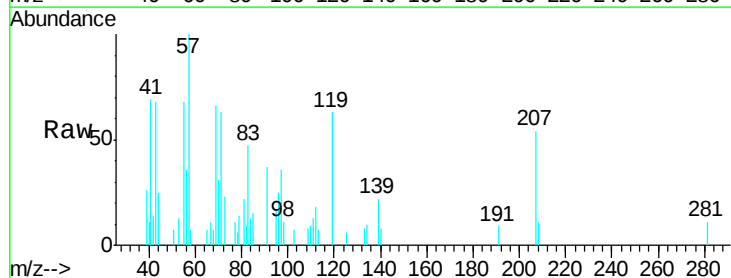
Tgt Ion: 119 Resp: 2390

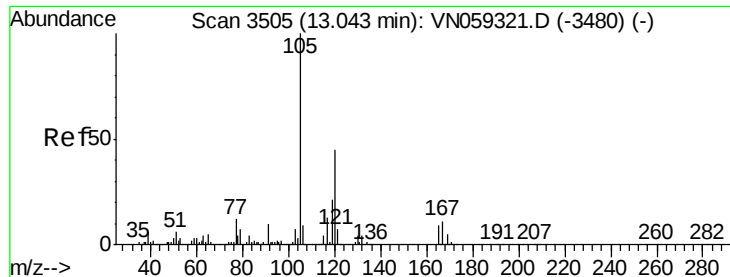
Ion Ratio Lower Upper

119 100

91 73.0 32.8 98.4

134 14.7 13.0 38.9

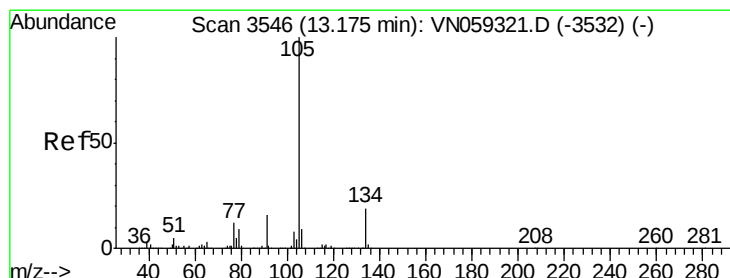
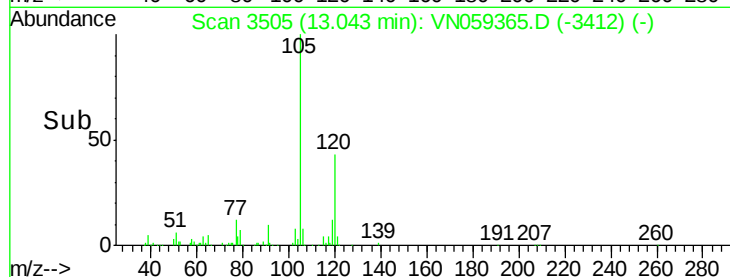
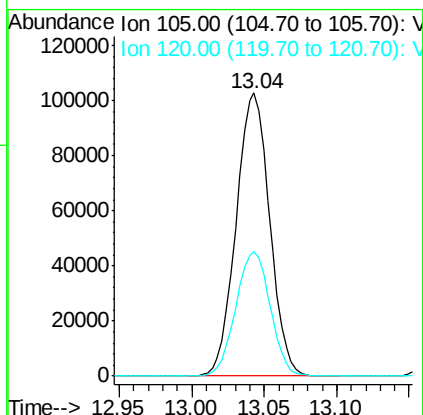
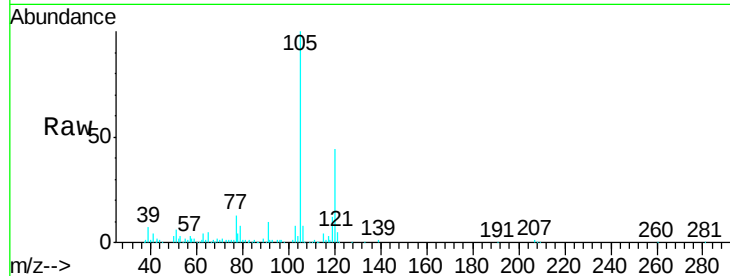




#84
 1,2,4-Trimethylbenzene
 Concen: 12.653 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

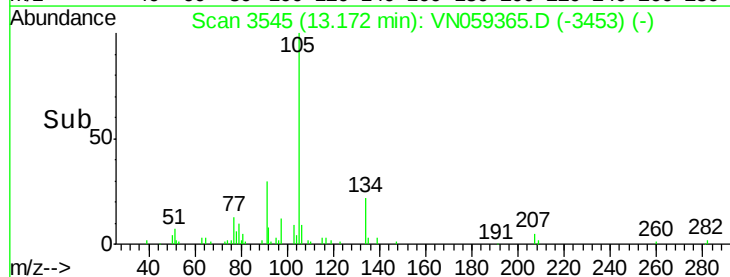
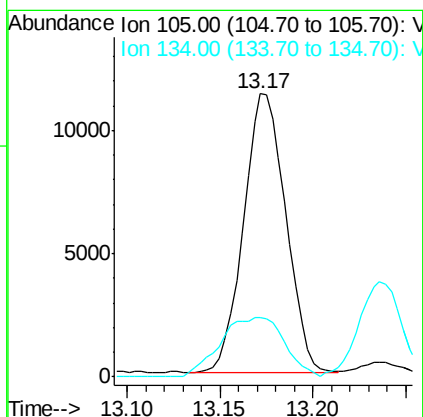
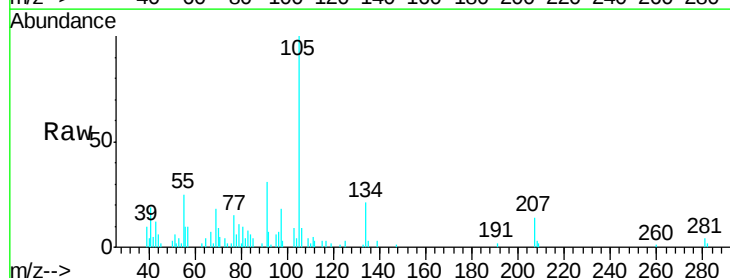
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

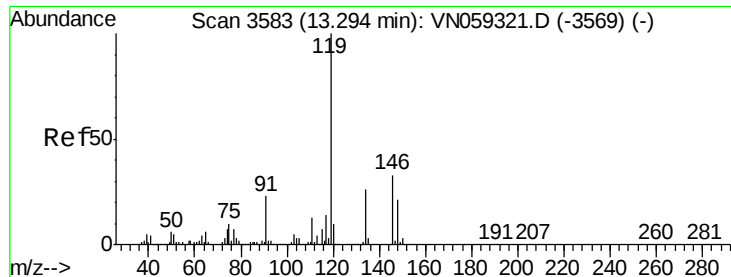
Tgt Ion:105 Resp: 165333
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 1.190 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

Tgt Ion:105 Resp: 18024
 Ion Ratio Lower Upper
 105 100
 134 32.1 9.8 29.3#

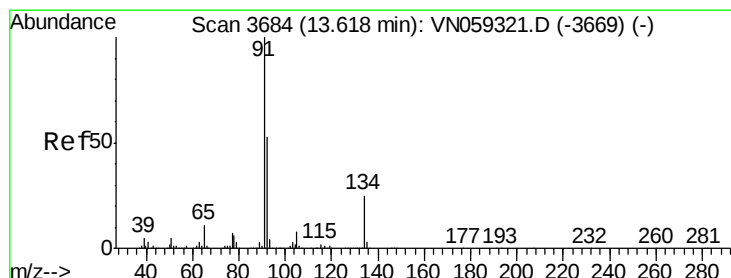
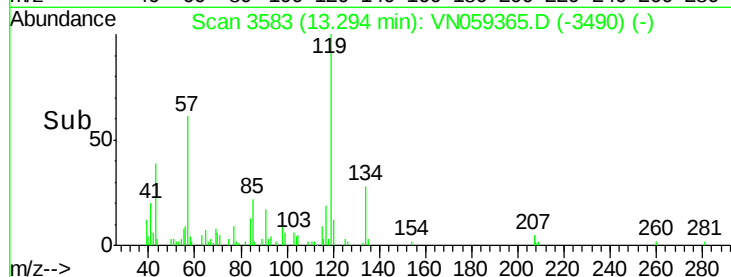
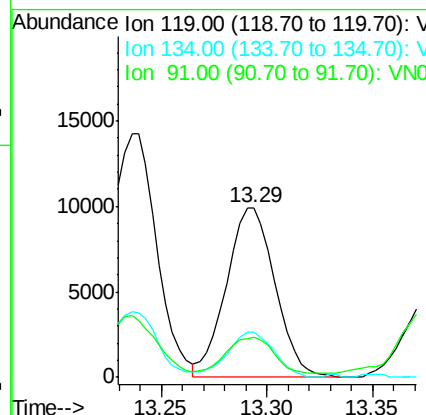
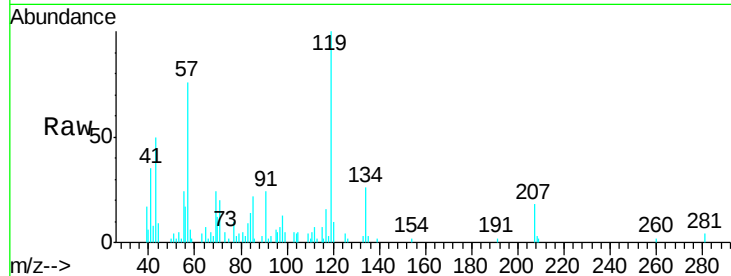




#86
 p-Isopropyltoluene
 Concen: 1.179 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

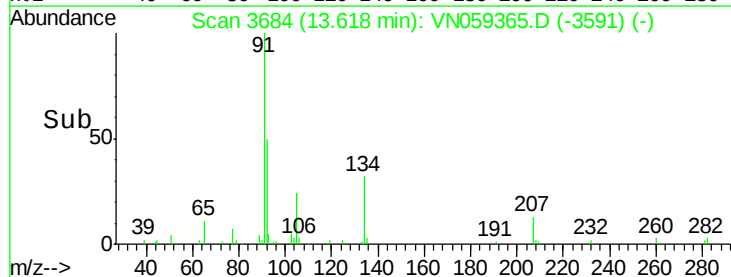
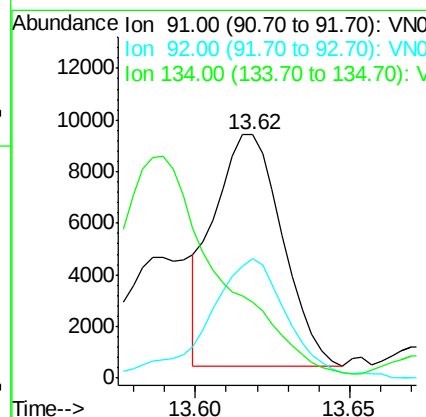
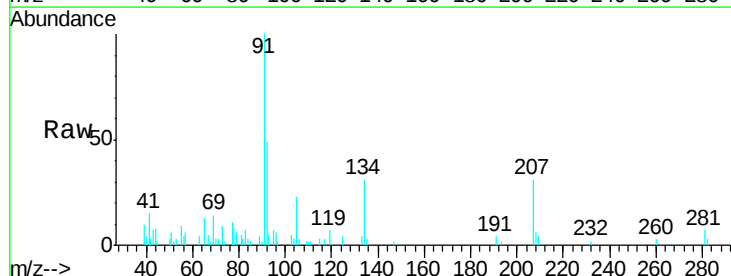
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4-(16-18)DL

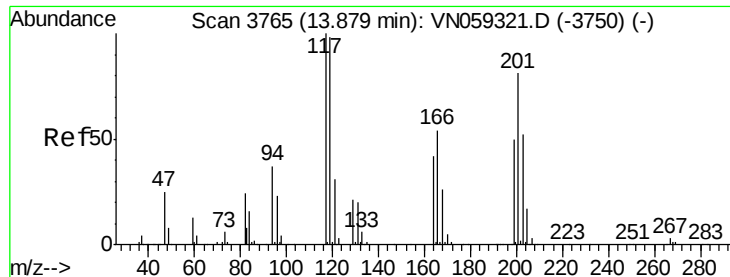
Tgt Ion: 119 Resp: 15884
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 20.6 11.6 34.7



#89
 n-Butylbenzene
 Concen: 1.167 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

Tgt Ion: 91 Resp: 13790
 Ion Ratio Lower Upper
 91 100
 92 60.4 26.0 78.0
 134 0.0 12.7 38.1#





#90

Hexachloroethane

Concen: 0.909 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

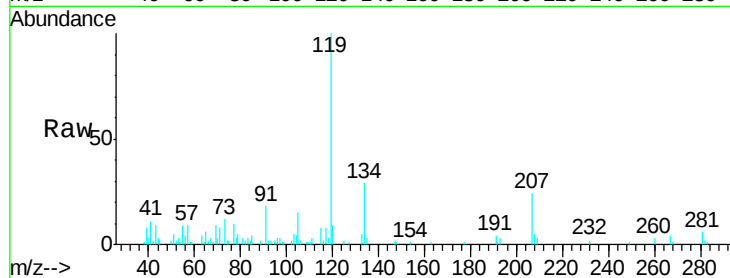
MW-4-(16-18)DL

Tgt Ion: 117 Resp: 2319

Ion Ratio Lower Upper

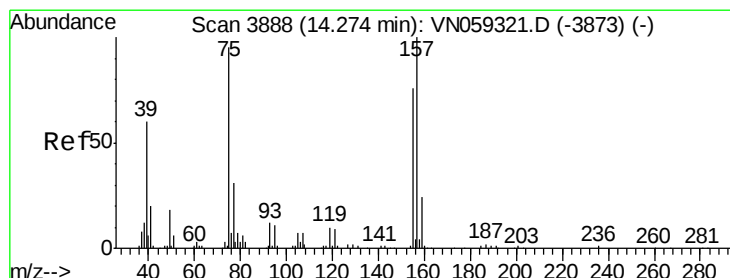
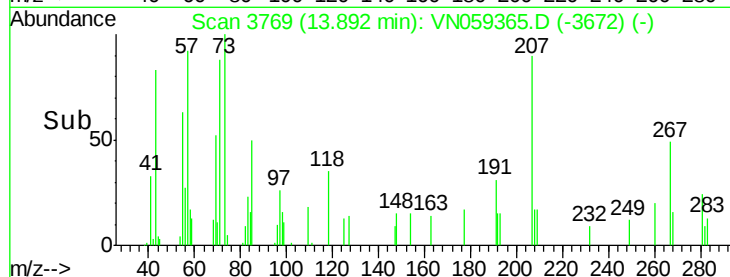
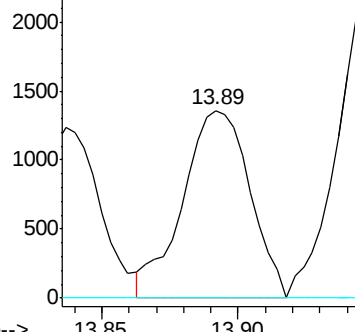
117 100

201 0.0 40.4 121.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.585 ug/l

RT: 14.30 min Scan# 3897

Delta R.T. 0.03 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

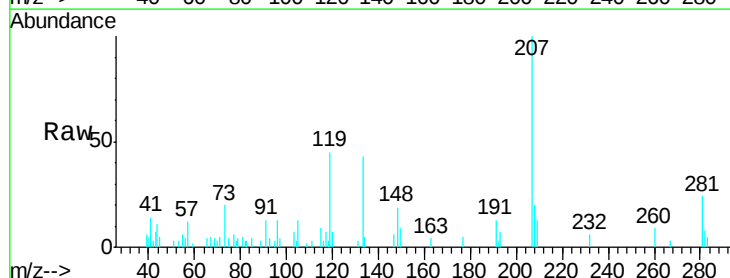
Tgt Ion: 75 Resp: 653

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

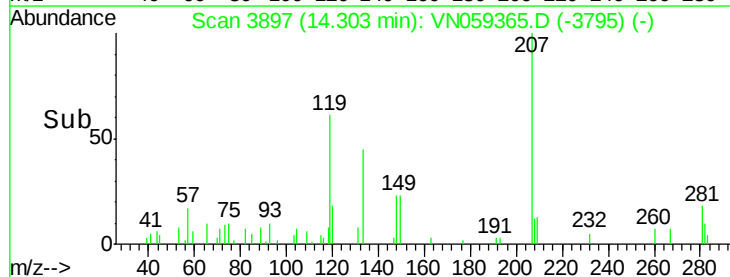
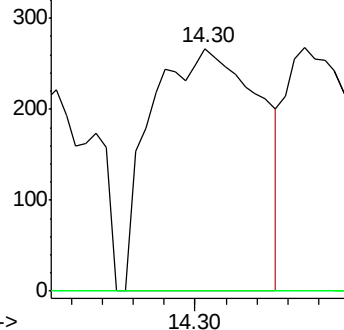
157 0.0 52.7 158.1#

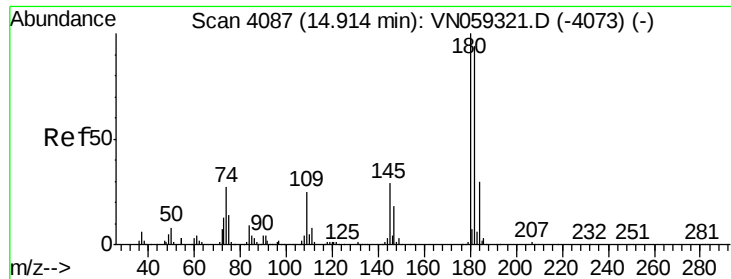


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

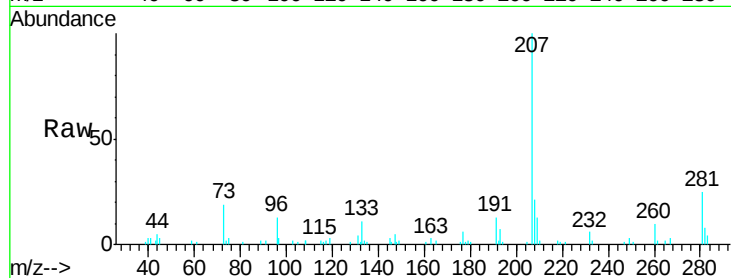




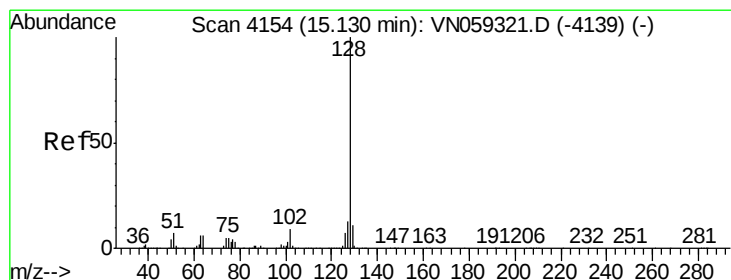
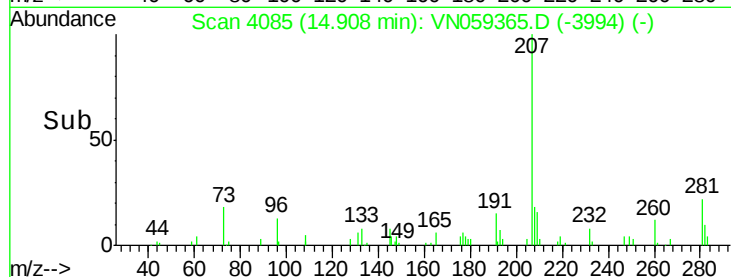
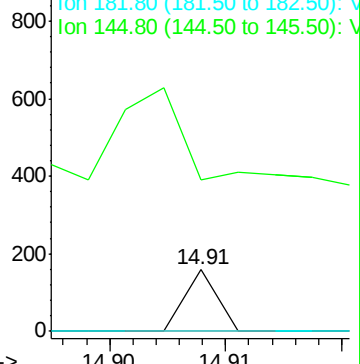
#93
 1,2,4-Trichlorobenzene
 Concen: 2.946 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.01 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

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

Tgt Ion:180 Resp: 31
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.2 141.6#
 145 4019.4 14.9 44.5#

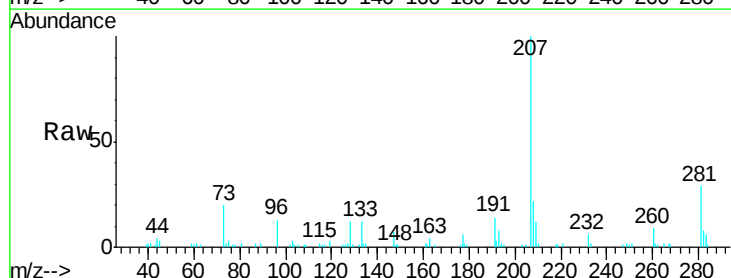


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

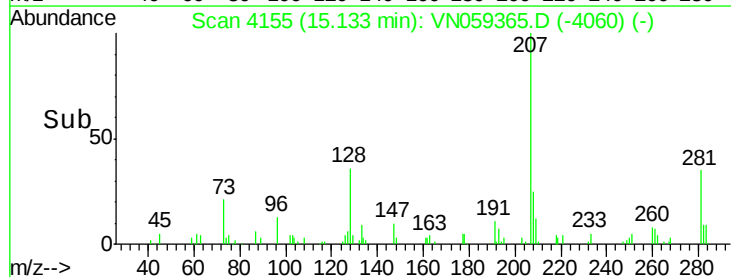
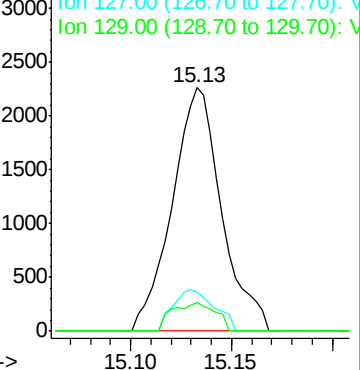


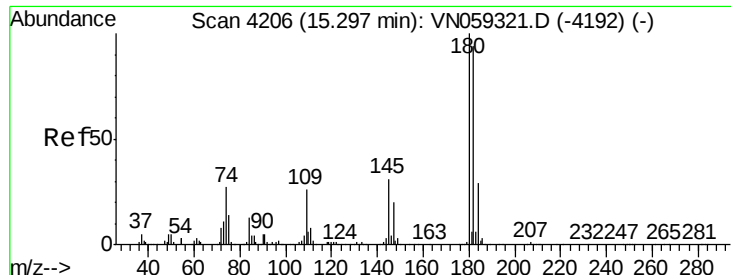
#95
 Naphthalene
 Concen: 3.485 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

Tgt Ion:128 Resp: 3867
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.2 15.2
 129 10.4 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

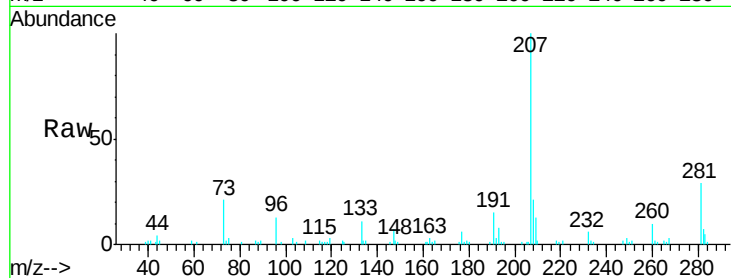




#96
 1,2,3-Trichlorobenzene
 Concen: 1.917 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.1	141.4#
145	589.4	15.6	46.8#



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

