

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053087.D
 Acq On : 21 Dec 2018 5:43
 Operator : MD\SY
 Sample : J6519-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-122018

Quant Time: Dec 21 07:12:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1305642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2008549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1811882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	819943	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	631357	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
35) Dibromofluoromethane	7.59	113	556910	60.70	ug/l	0.00
Spiked Amount			Recovery	=	121.40%	
50) Toluene-d8	10.09	98	2441941	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	847327	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	2561	3.168	ug/l #	74
15) Acrylonitrile	5.04	53	2357	0.525	ug/l #	1
16) Acetone	3.82	43	53365	20.542	ug/l	98
18) Methyl Acetate	4.33	43	4398	1.358	ug/l #	63
19) Methyl tert-butyl Ether	5.05	73	545855	16.391	ug/l	99
20) Methylene Chloride	4.55	84	7369	0.520	ug/l	87
29) Tetrahydrofuran	7.23	42	2384	0.732	ug/l #	69
31) Cyclohexane	7.66	56	39601	0.690	ug/l #	30
36) 1,1-Dichloropropene	7.67	75	86515	4.488	ug/l #	49
38) Carbon Tetrachloride	7.67	117	112027	6.340	ug/l #	15
39) Methylcyclohexane	9.08	83	22211	0.948	ug/l	99
40) Benzene	8.04	78	73444	1.281	ug/l	95
43) Isopropyl Acetate	8.33	43	252619	11.321	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	7116	0.574	ug/l #	19
56) Ethyl methacrylate	10.44	69	3495	0.213	ug/l #	1
68) m/p-Xylenes	11.62	106	7434	0.283	ug/l	87
69) o-Xylene	11.95	106	7343	0.291	ug/l	93
71) Bromoform	12.40	173	4916	0.487	ug/l #	1
73) Isopropylbenzene	12.25	105	256924	4.005	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	396007	28.690	ug/l #	100
77) Bromobenzene	12.55	156	29257	1.754	ug/l #	1
78) n-propylbenzene	12.59	91	345859	4.734	ug/l	99
79) 2-Chlorotoluene	12.59	91	345859	7.637	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.40	75	396007	92.472	ug/l #	12
82) 4-Chlorotoluene	12.59	91	345859	7.801	ug/l #	40
83) tert-Butylbenzene	12.99	119	29611	0.640	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	20847	0.397	ug/l	96
85) sec-Butylbenzene	13.17	105	132386	2.116	ug/l	83
86) p-Isopropyltoluene	13.44	119	67051	1.241	ug/l	98
89) n-Butylbenzene	13.61	91	31418	0.676	ug/l #	70
90) Hexachloroethane	13.89	117	36478	4.398	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	30	0.598	ug/l #	1
95) Naphthalene	15.13	128	184977	6.753	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

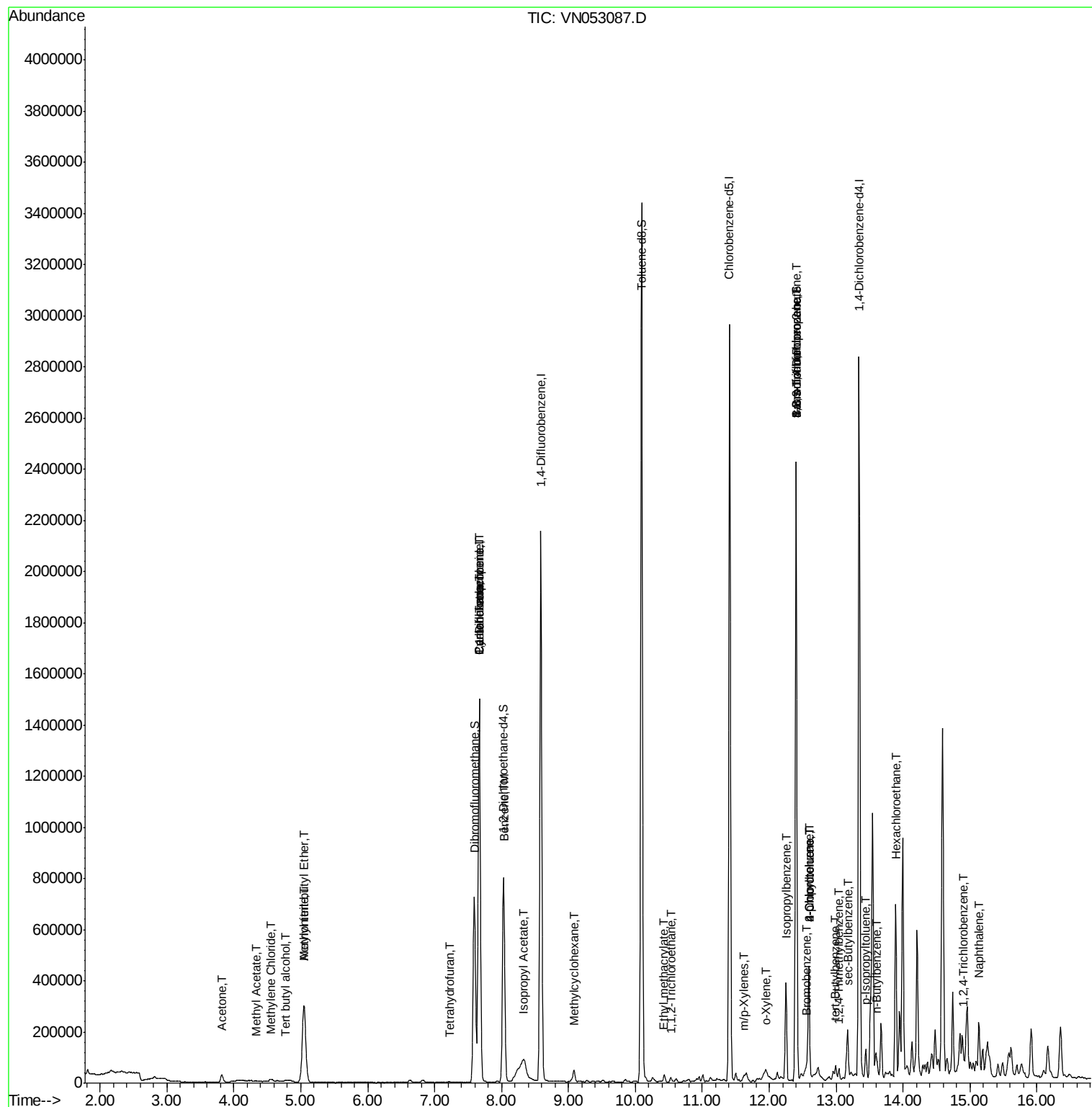
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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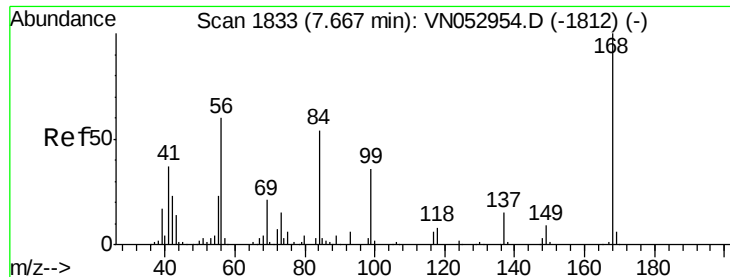
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

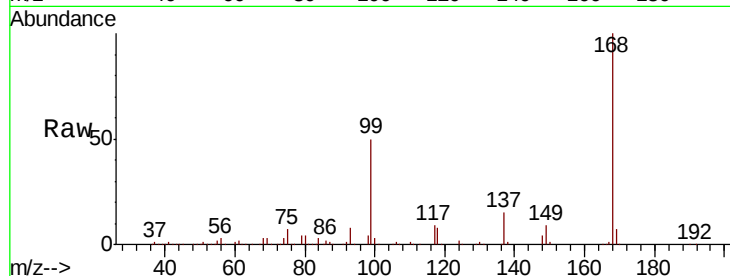
T11-MW-13-8.0-122018

Tot Ion:168 Resp: 1305642

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

600000

500000

400000

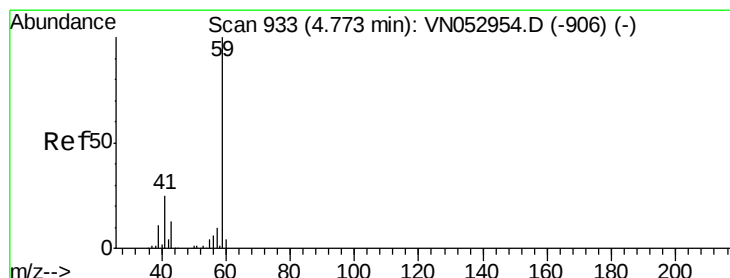
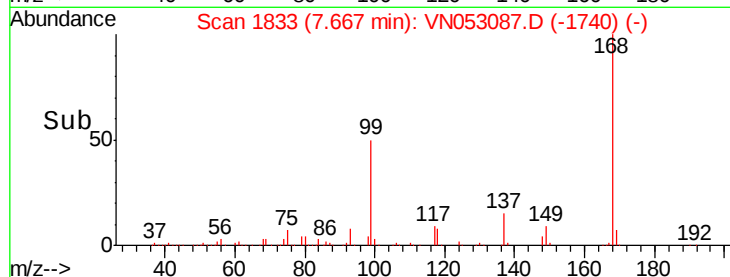
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.168 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN053087.D

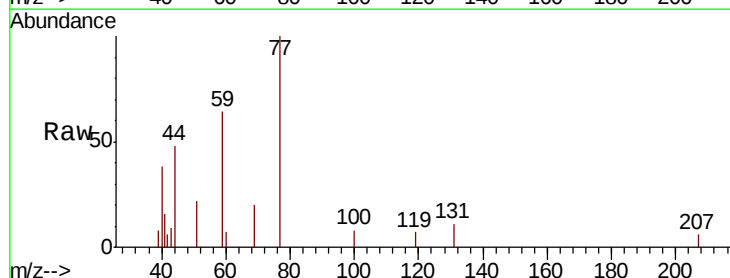
Acq: 21 Dec 2018 5:43

Tgt Ion: 59 Resp: 2561

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN052954.D (-906) (-)

Ion 57.00 (56.70 to 57.70): VN052954.D (-906) (-)

4.76

2000

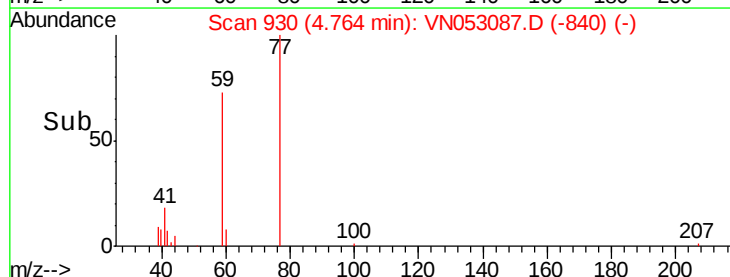
1500

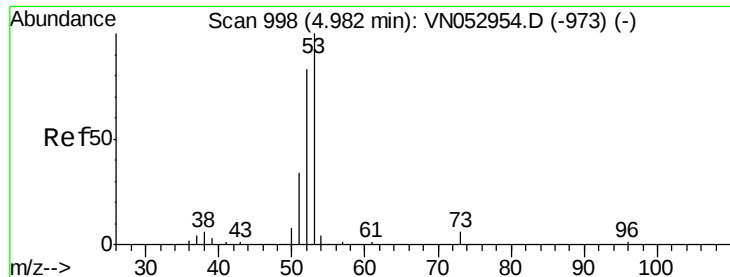
1000

500

0

Time-->





#15

Acrylonitrile

Concen: 0.525 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.05 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-122018

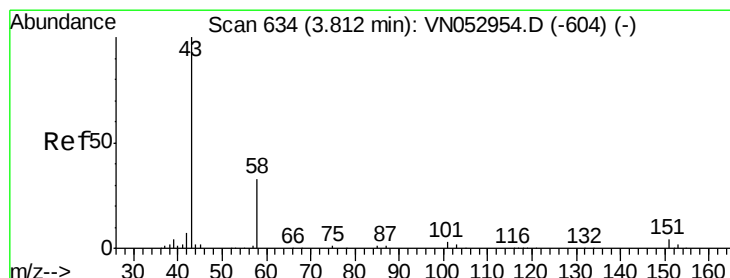
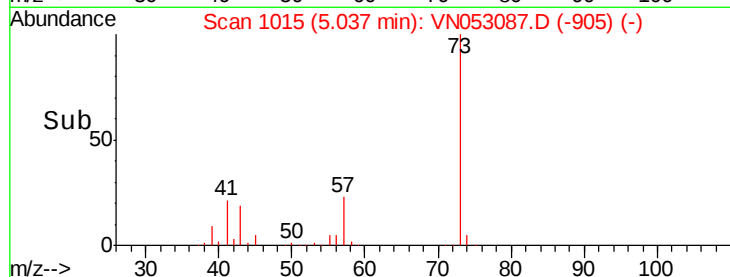
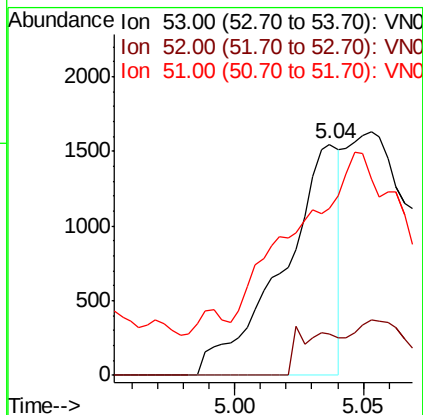
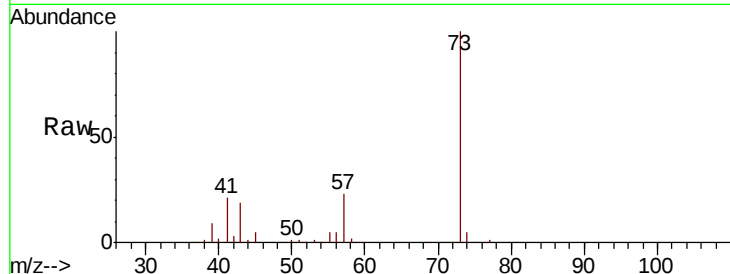
Tot Ion: 53 Resp: 2357

Ion Ratio Lower Upper

53 100

52 22.8 65.1 97.7#

51 229.7 28.1 42.1#



#16

Acetone

Concen: 20.542 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053087.D

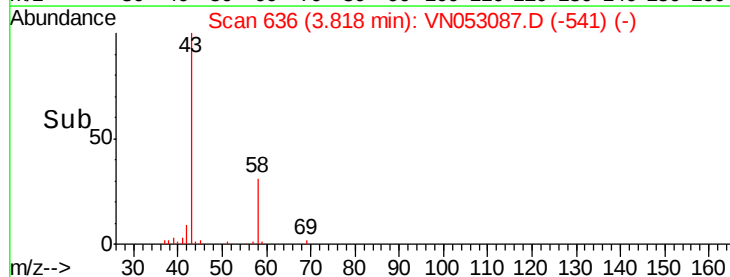
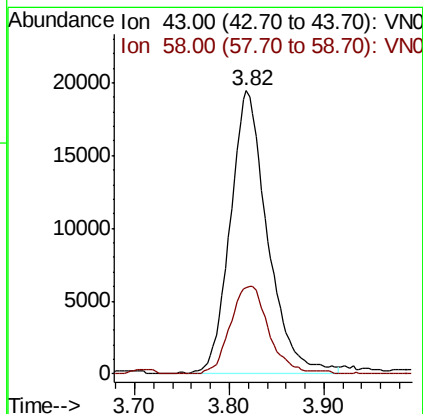
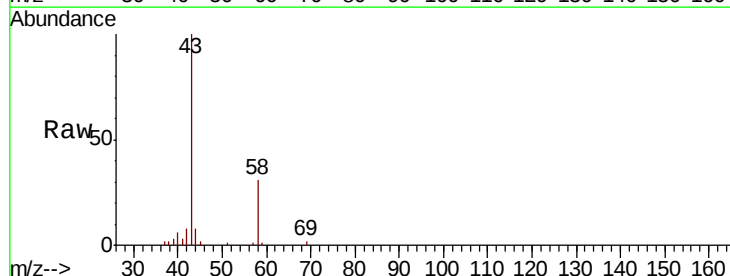
Acq: 21 Dec 2018 5:43

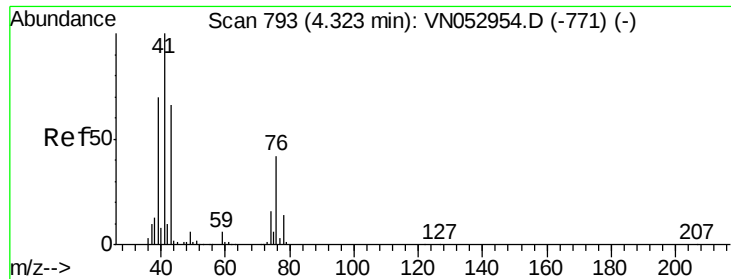
Tgt Ion: 43 Resp: 53365

Ion Ratio Lower Upper

43 100

58 30.6 25.4 38.0

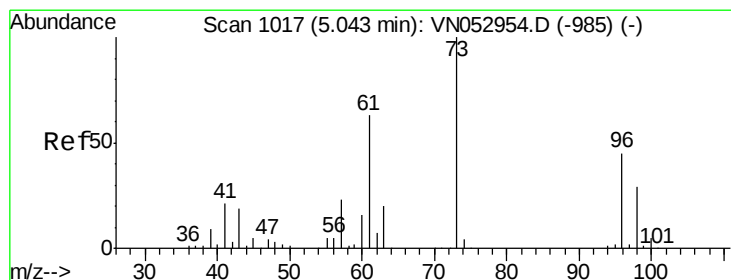
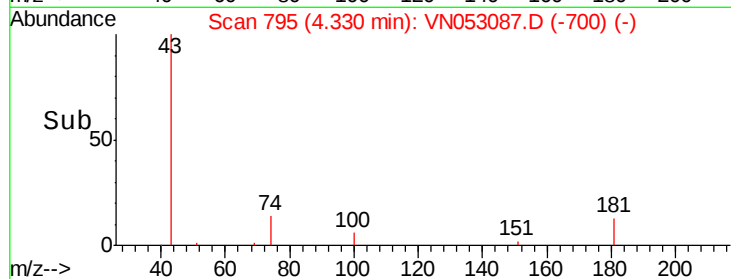
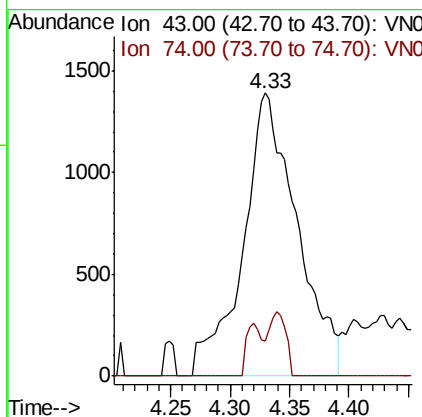
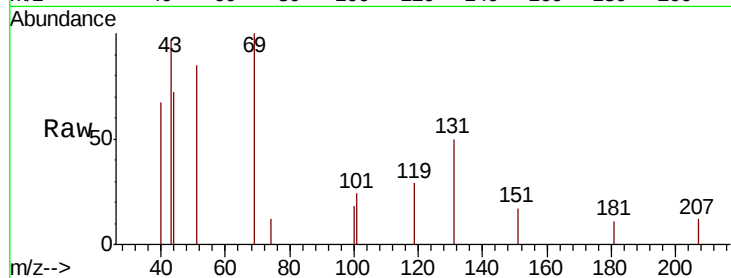




#18
Methyl Acetate
Concen: 1.358 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

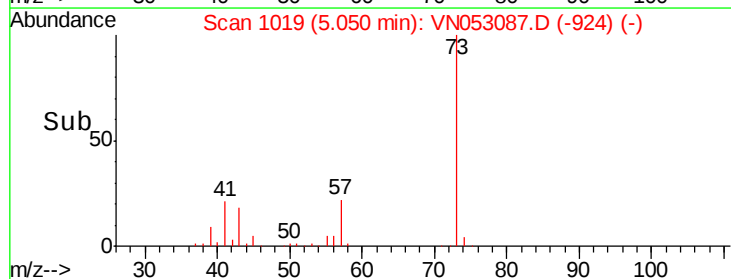
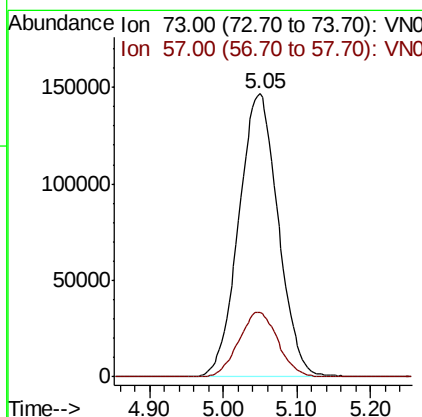
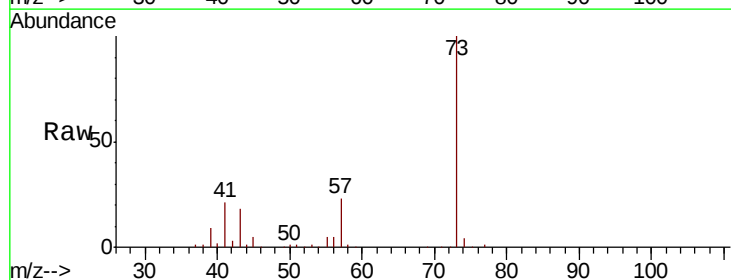
Instrument :
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T11-MW-13-8.0-122018

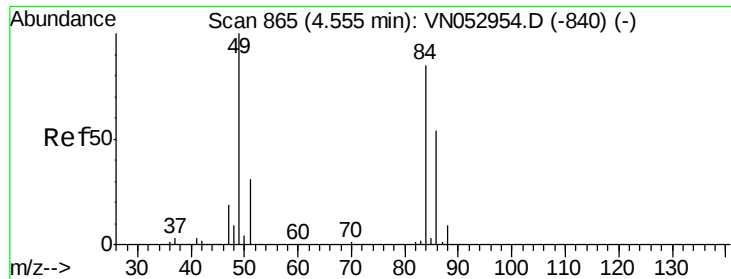
Tot Ion: 43 Resp: 4398
Ion Ratio Lower Upper
43 100
74 5.6 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 16.391 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 73 Resp: 545855
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6

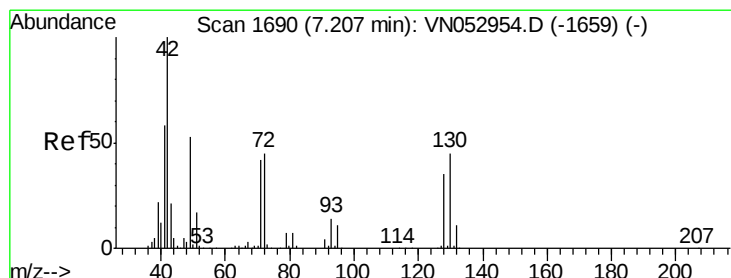
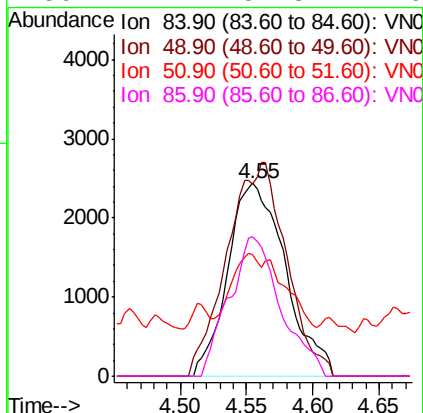
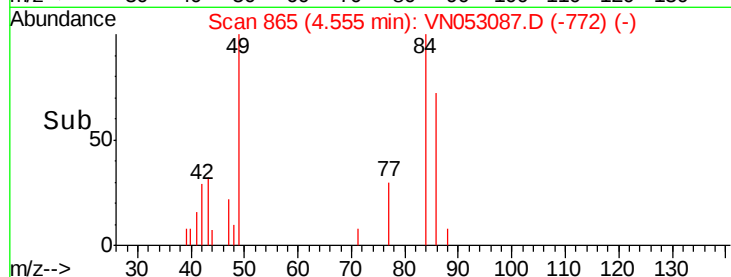
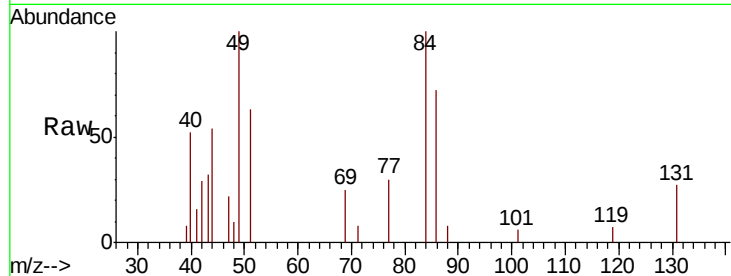




#20
Methvlene Chloride
Concen: 0.520 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

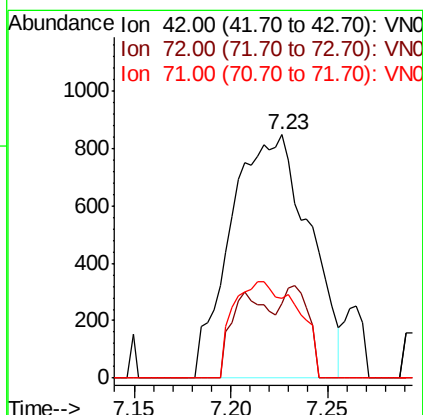
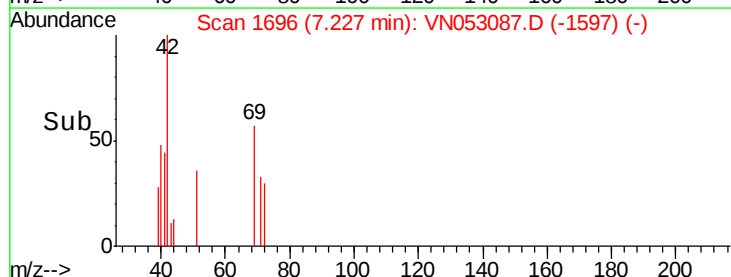
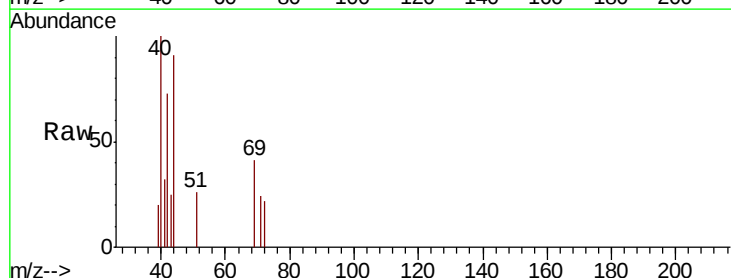
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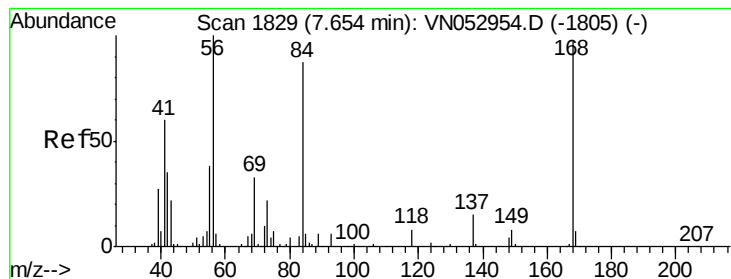
Tot Ion:	84	Resp:	7369
Ion	Ratio	Lower	Upper
84	100		
49	99.9	96.8	145.2
51	37.1	29.9	44.9
86	72.2	51.8	77.6



#29
Tetrahydrofuran
Concen: 0.732 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion:	42	Resp:	2384
Ion	Ratio	Lower	Upper
42	100		
72	13.1	34.7	52.1#
71	32.5	32.3	48.5





#31

Cyclohexane

Concen: 0.690 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-122018

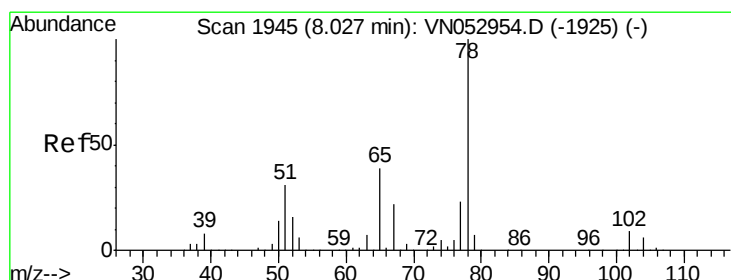
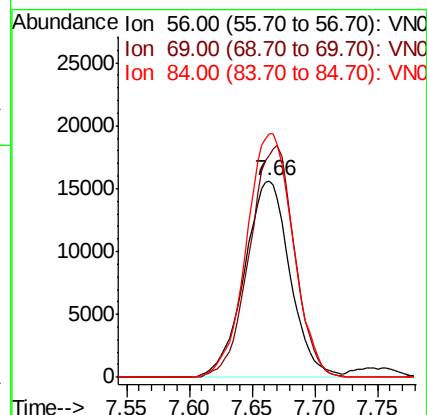
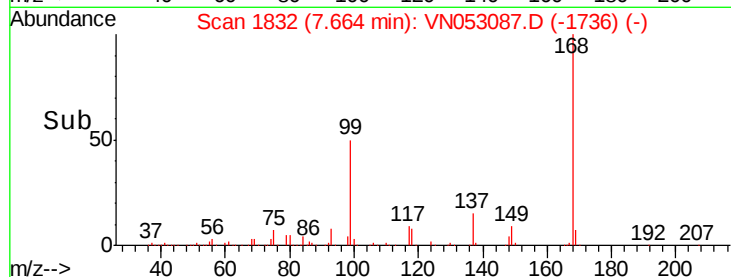
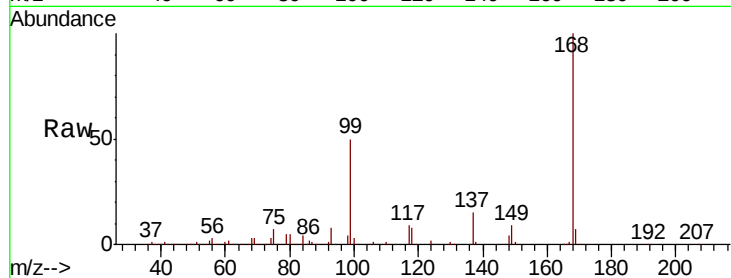
Tot Ion: 56 Resp: 39601

Ion Ratio Lower Upper

56 100

69 113.2 26.6 39.8#

84 124.1 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053087.D

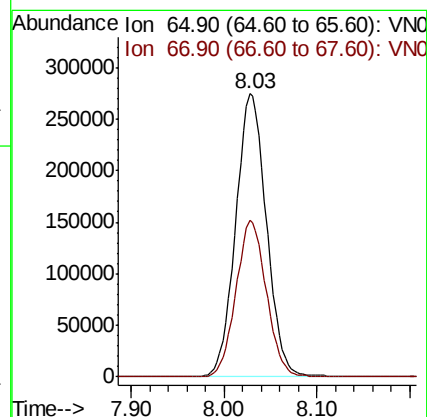
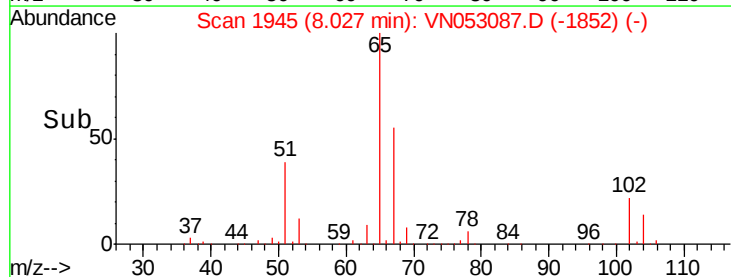
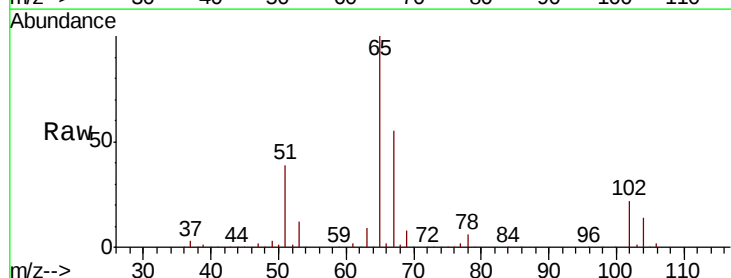
Acq: 21 Dec 2018 5:43

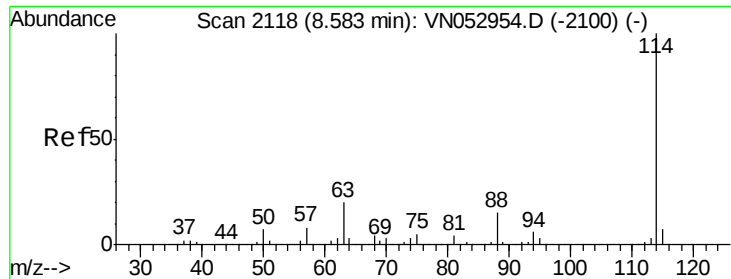
Tgt Ion: 65 Resp: 631357

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.4

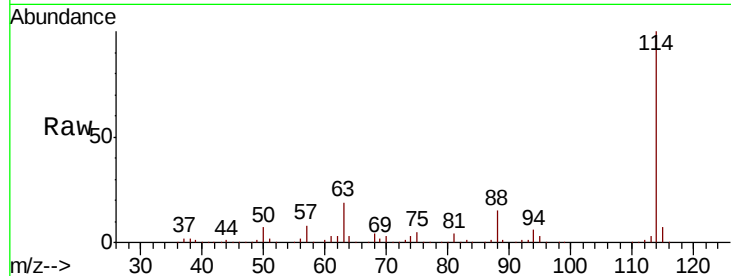




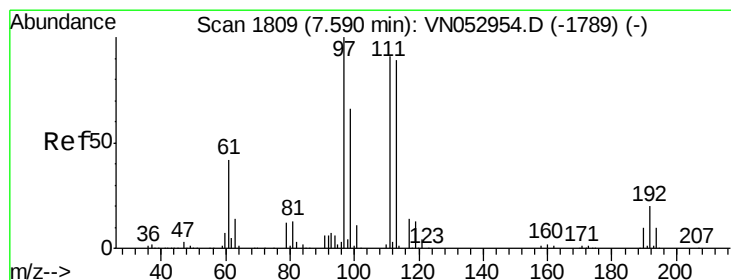
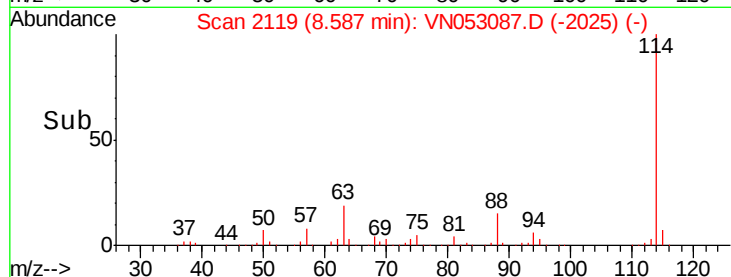
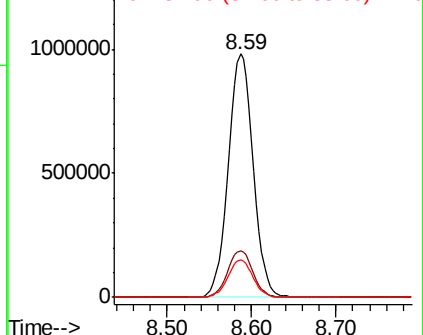
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053087.D
 Acq: 21 Dec 2018 5:43

Instrument :
 MSVOA_N
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 T11-MW-13-8.0-122018

Tot Ion:114 Resp: 2008549
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 31.0

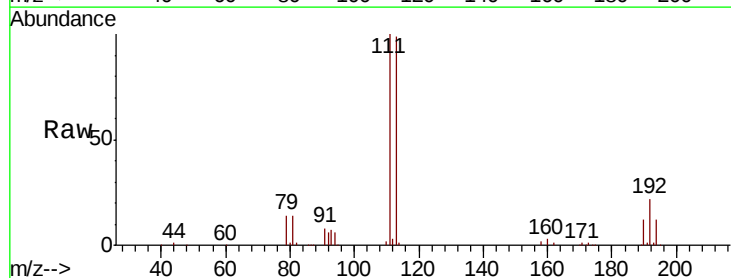


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

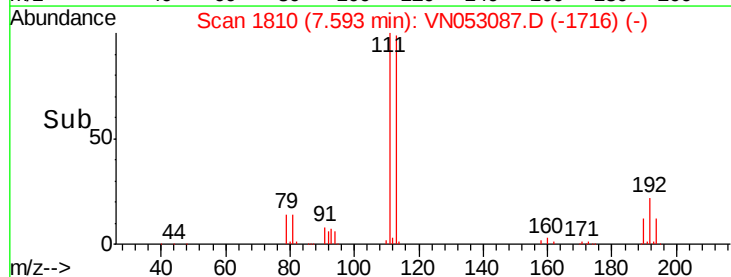
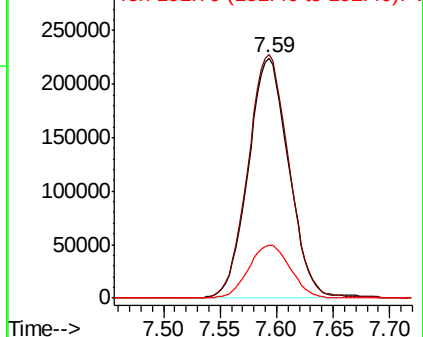


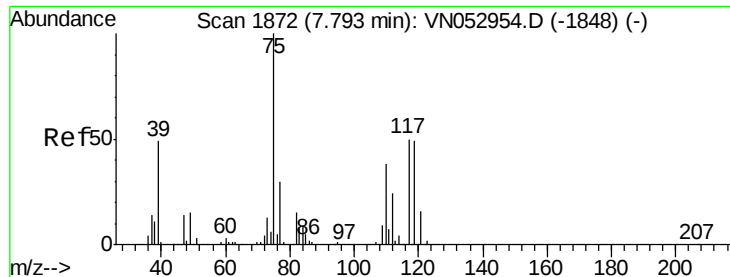
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053087.D
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Tgt Ion:113 Resp: 556910
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.4
 192 22.8 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

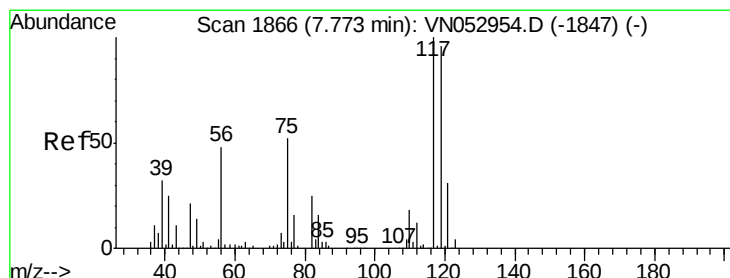
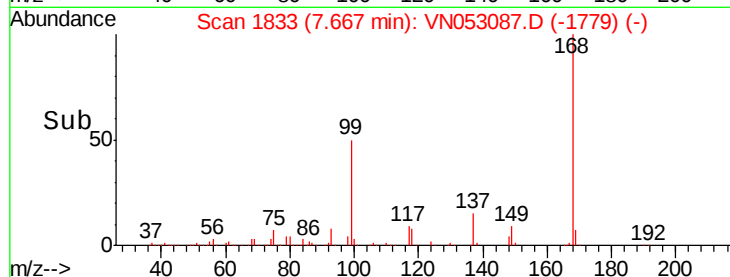
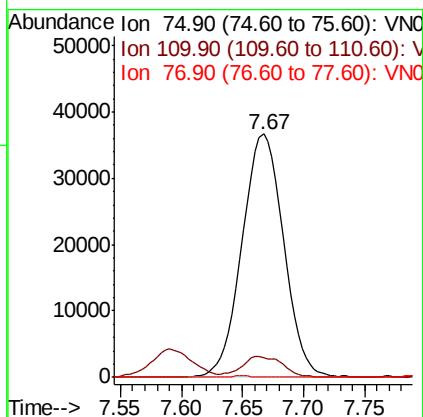
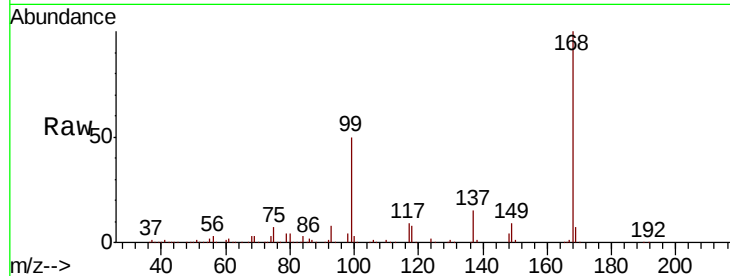




#36
 1,1-Dichloropropene
 Concen: 4.488 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053087.D
 Acq: 21 Dec 2018 5:43

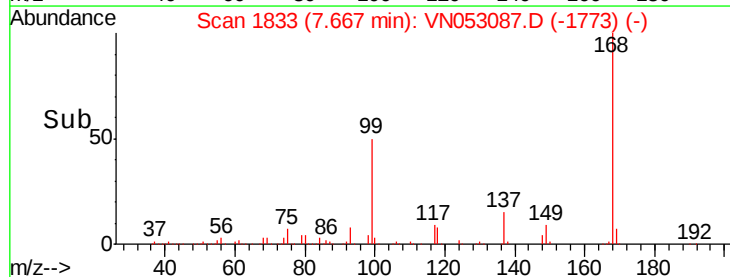
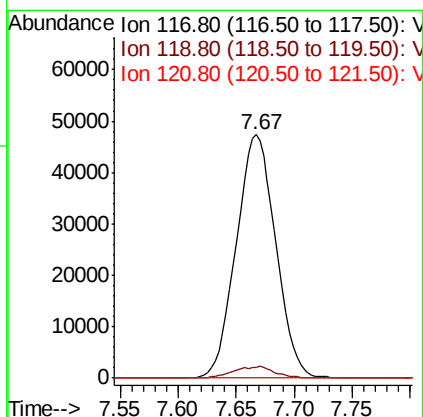
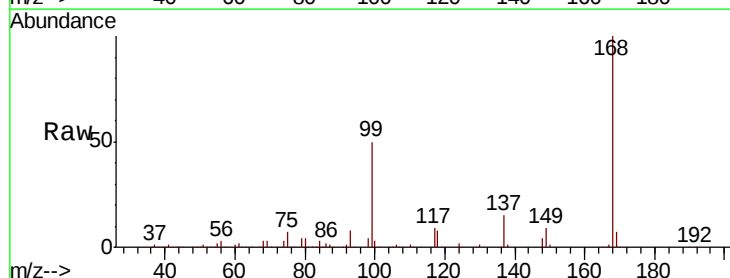
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-122018

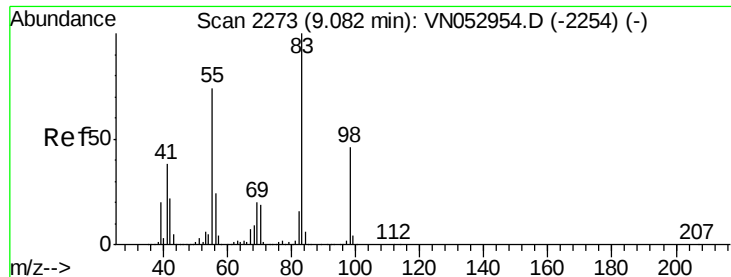
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.340 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053087.D
 Acq: 21 Dec 2018 5:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.1	115.7#
121	0.0	24.9	37.3#

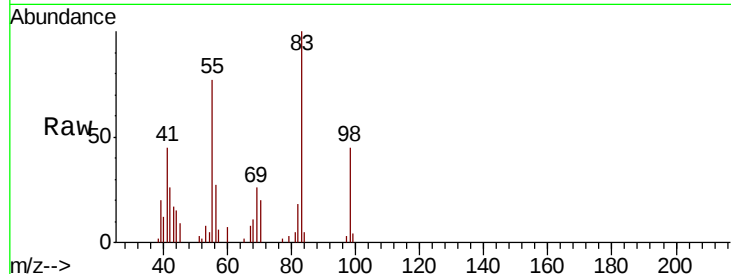




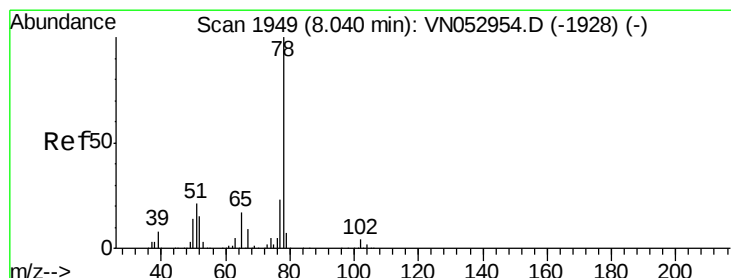
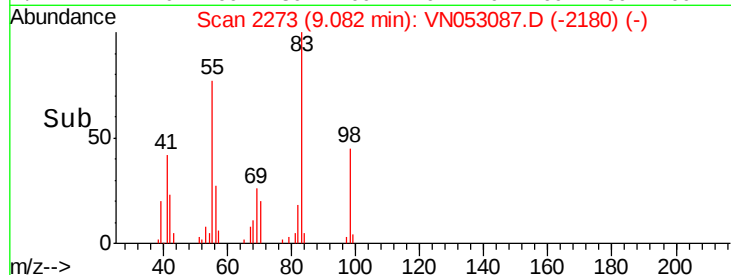
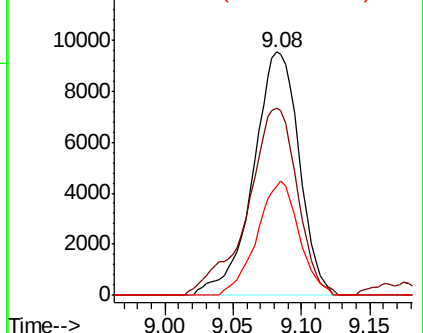
#39
Methvlcvclohexane
Concen: 0.948 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tot Ion: 83 Resp: 22211
Ion Ratio Lower Upper
83 100
55 77.2 61.3 91.9
98 45.1 37.0 55.4

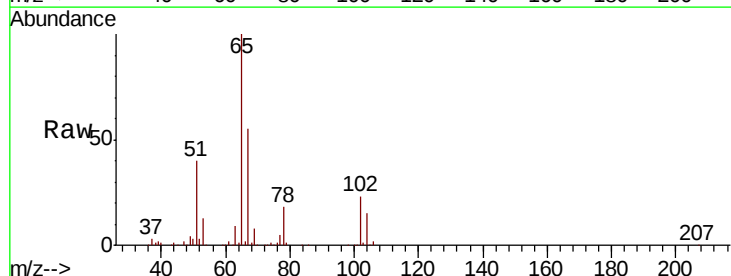


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

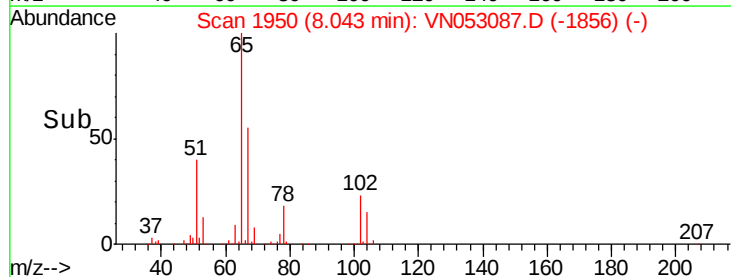
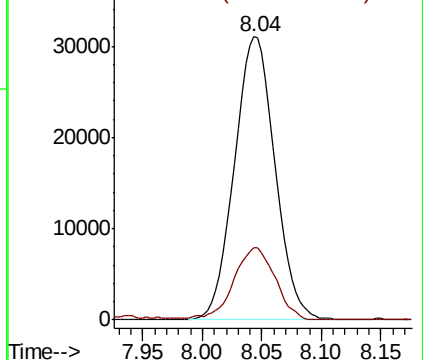


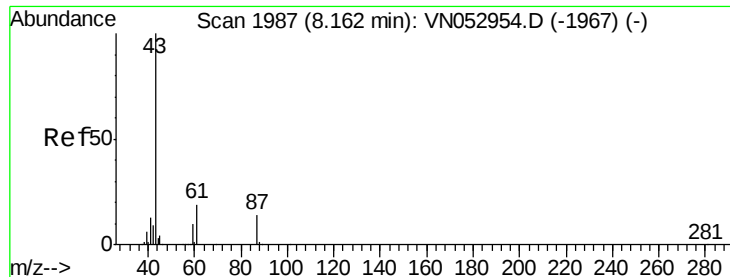
#40
Benzene
Concen: 1.281 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 78 Resp: 73444
Ion Ratio Lower Upper
78 100
77 25.3 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 11.321 ug/l

RT: 8.33 min Scan# 2039

Delta R.T. 0.17 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-122018

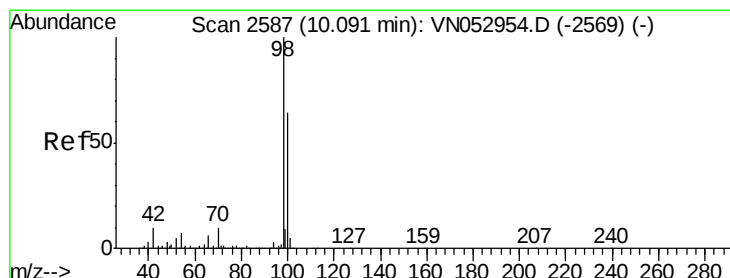
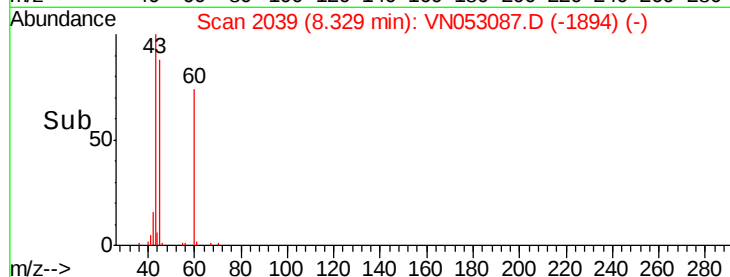
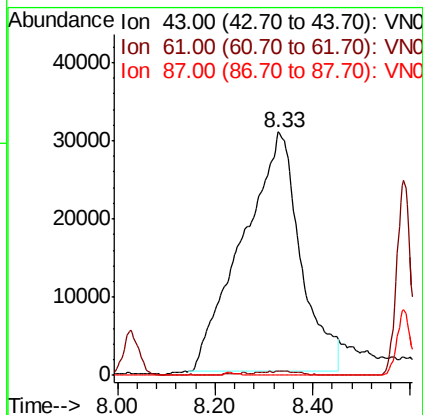
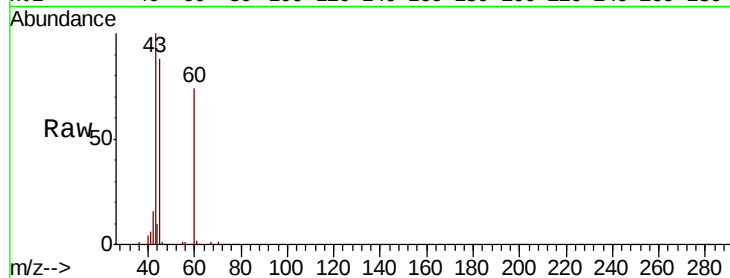
Tot Ion: 43 Resp: 252619

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

87 0.0 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053087.D

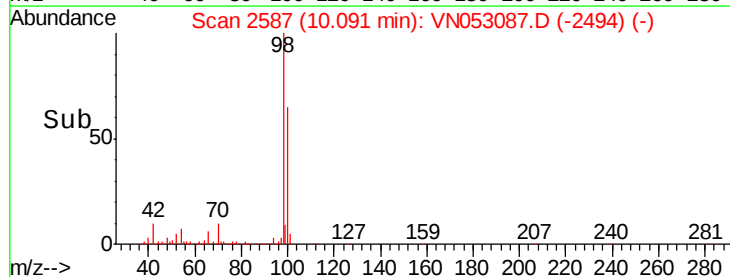
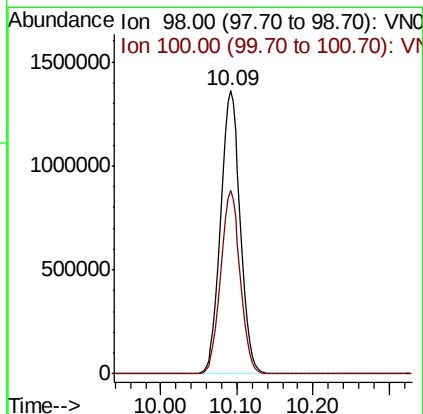
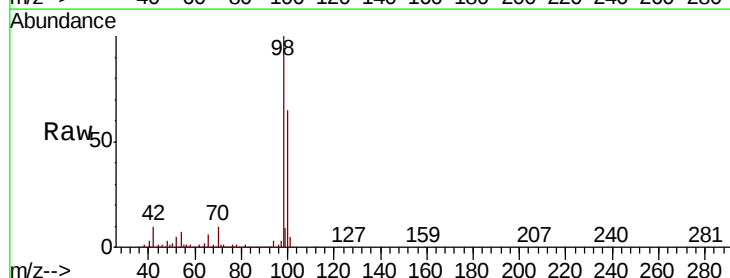
Acq: 21 Dec 2018 5:43

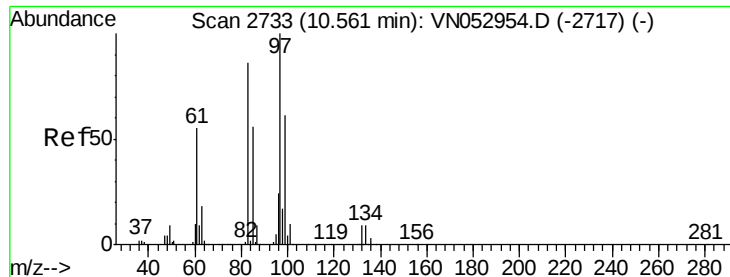
Tgt Ion: 98 Resp: 2441941

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4





#55

1,1,2-Trichloroethane

Concen: 0.574 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-122018

Tot Ion: 97 Resp: 7116

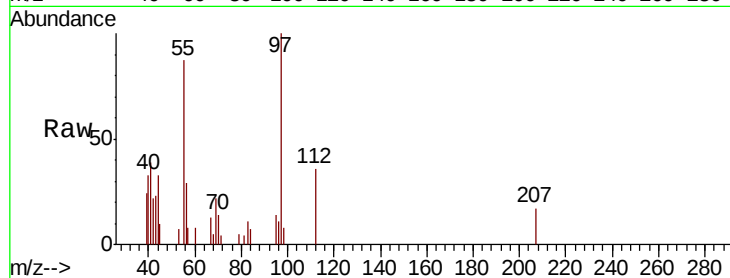
Ion Ratio Lower Upper

97 100

83 11.4 70.9 106.3#

85 0.0 45.4 68.2#

99 0.0 50.4 75.6#



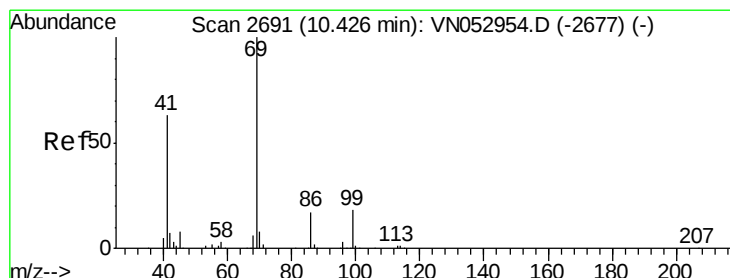
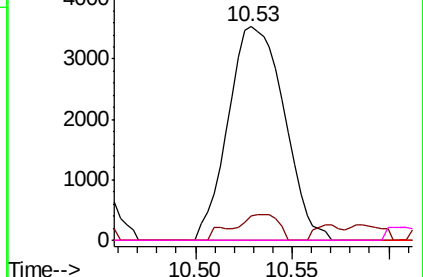
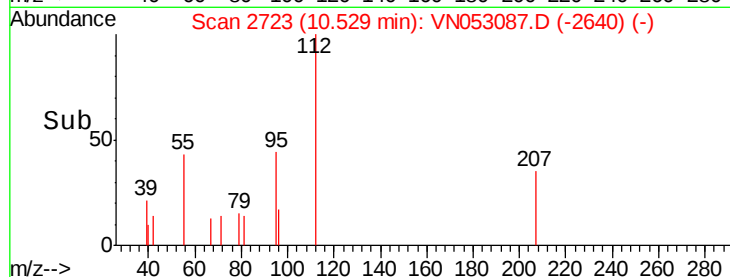
Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Time-->



#56

Ethyl methacrylate

Concen: 0.213 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

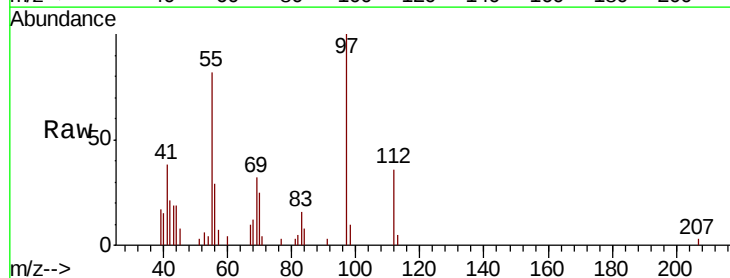
Tgt Ion: 69 Resp: 3495

Ion Ratio Lower Upper

69 100

41 156.5 51.7 77.5#

39 64.0 24.6 37.0#

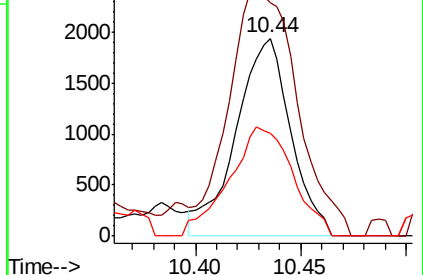
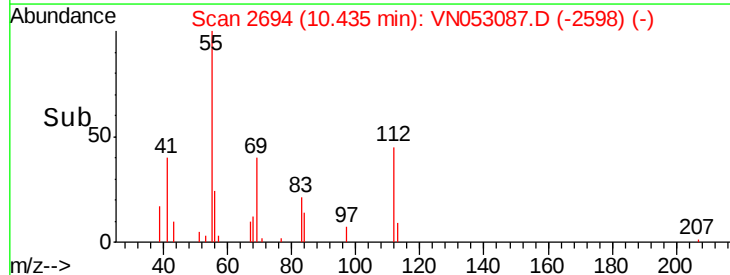


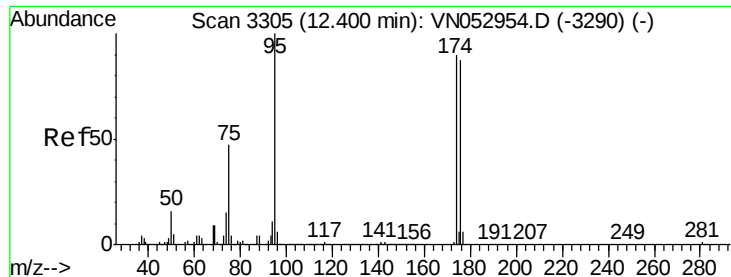
Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-122018

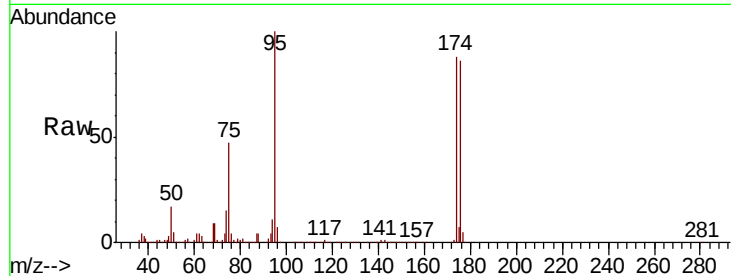
Tot Ion: 95 Resp: 847327

Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.8

176 87.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053087.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053087.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053087.D (-3212) (-)

12.40

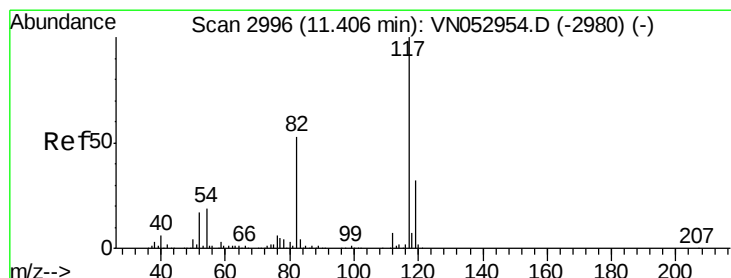
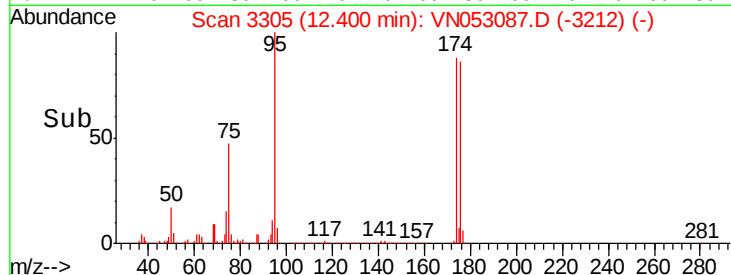
600000

400000

200000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

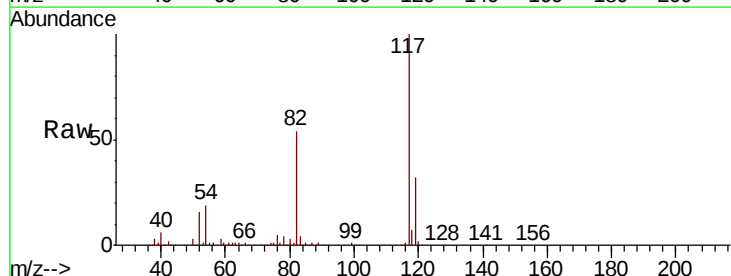
Tgt Ion: 117 Resp: 1811882

Ion Ratio Lower Upper

117 100

82 54.1 42.8 64.2

119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN053087.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053087.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053087.D (-2903) (-)

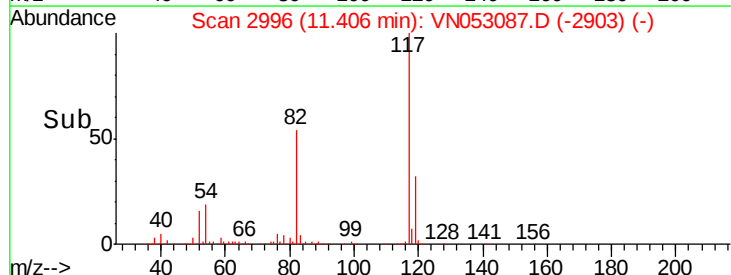
11.41

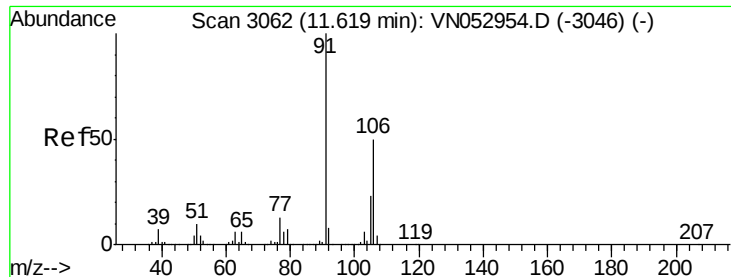
1000000

500000

0

Time-->

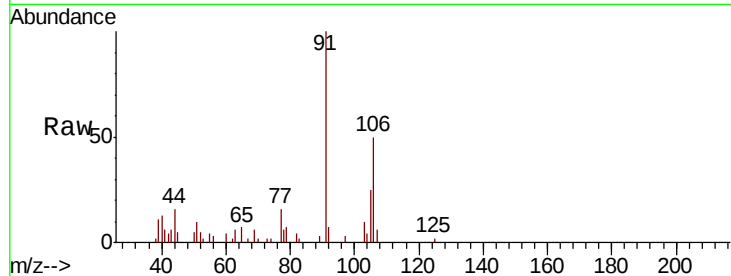




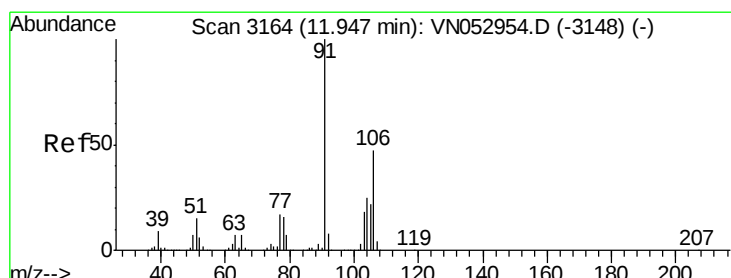
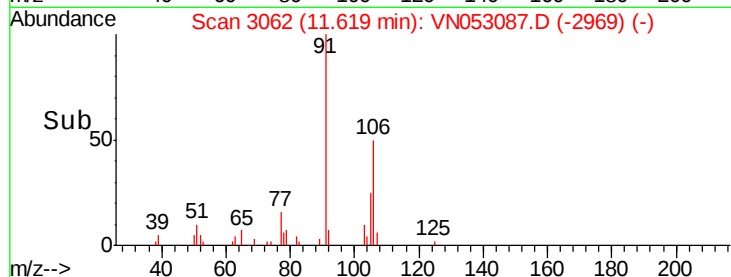
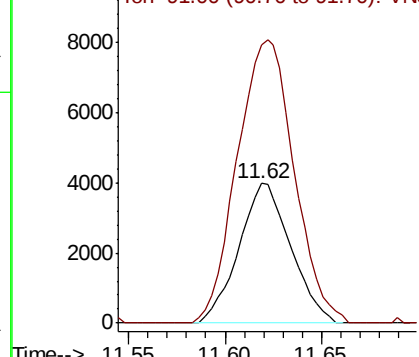
#68
m/p-Xylenes
Concen: 0.283 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tot Ion:106 Resp: 7434
Ion Ratio Lower Upper
106 100
91 222.6 162.2 243.4

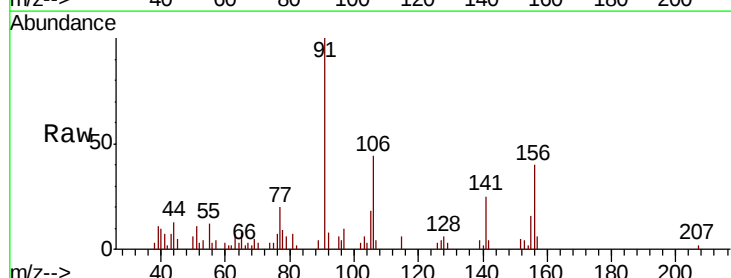


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

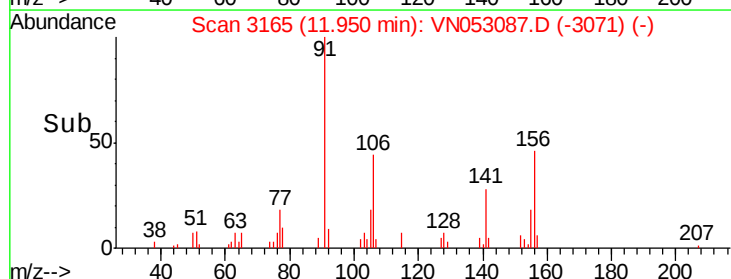
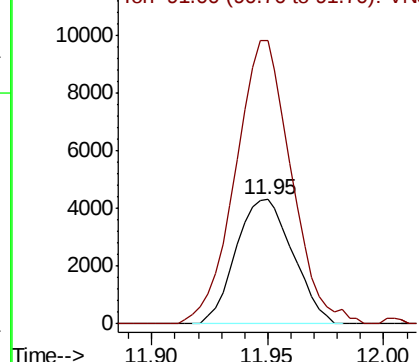


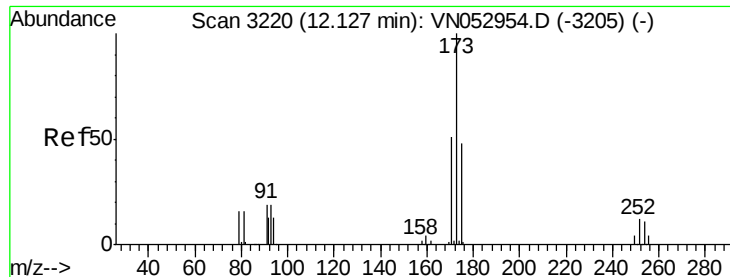
#69
o-Xylene
Concen: 0.291 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion:106 Resp: 7343
Ion Ratio Lower Upper
106 100
91 223.6 106.6 319.8



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





#71

Bromoform

Concen: 0.487 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-122018

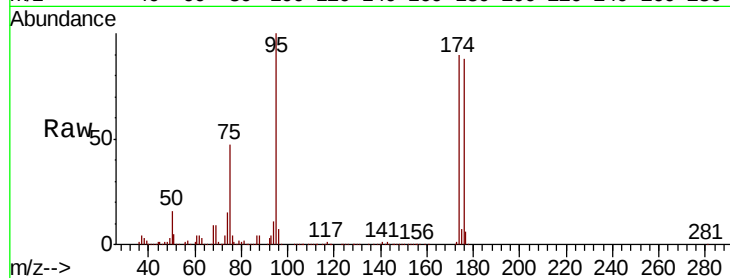
Tot Ion:173 Resp: 4916

Ion Ratio Lower Upper

173 100

175 984.2 24.3 72.9#

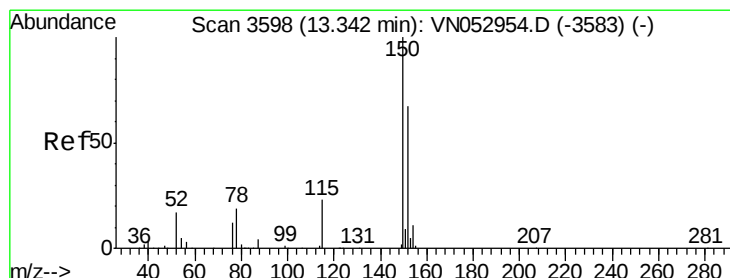
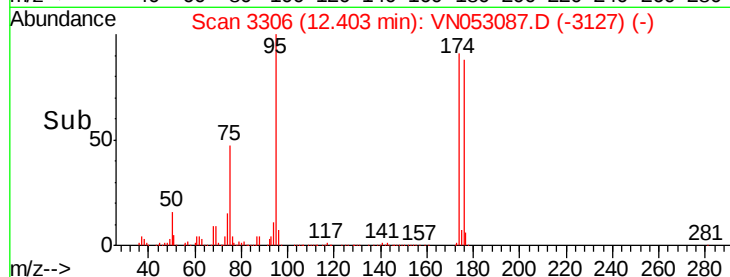
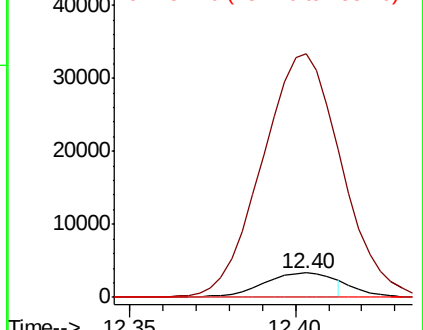
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

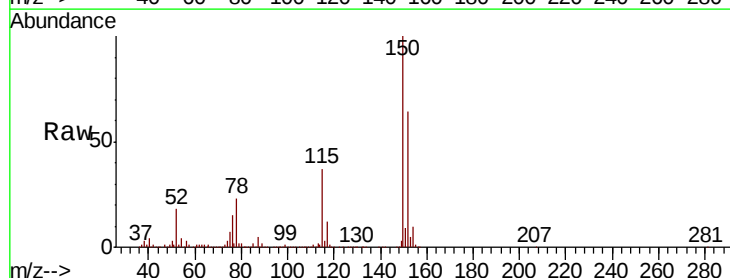
Tgt Ion:152 Resp: 819943

Ion Ratio Lower Upper

152 100

115 57.1 28.3 85.0

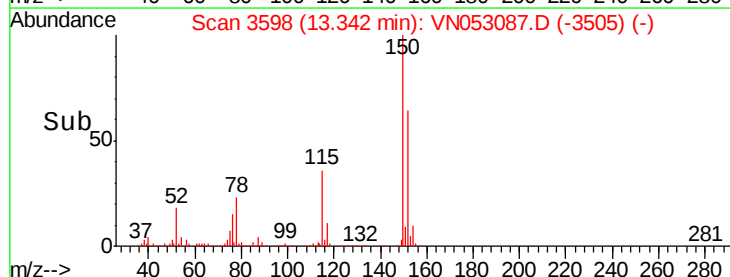
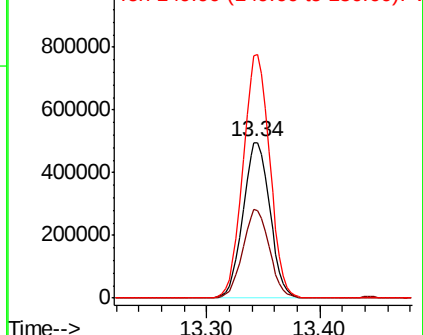
150 155.6 0.0 347.8

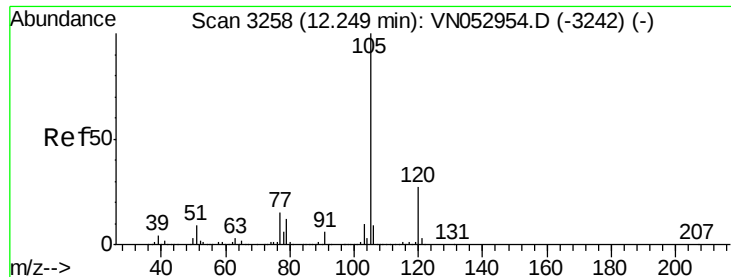


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.005 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

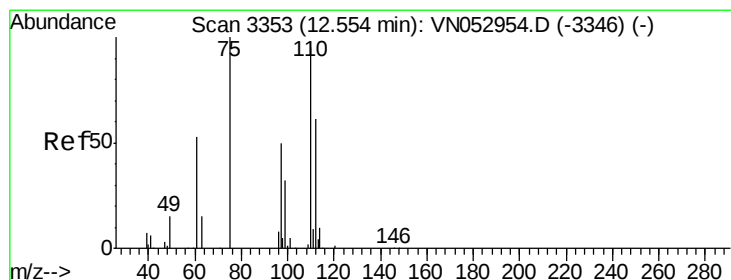
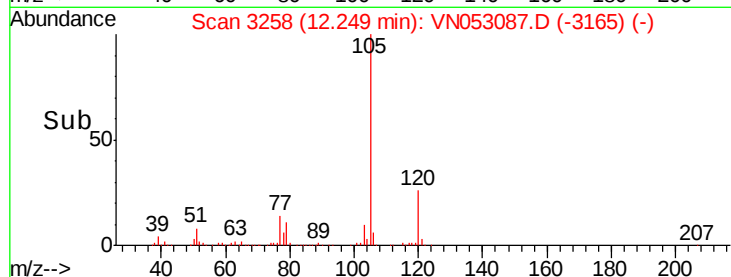
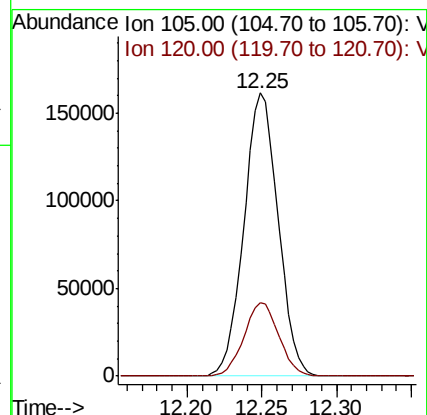
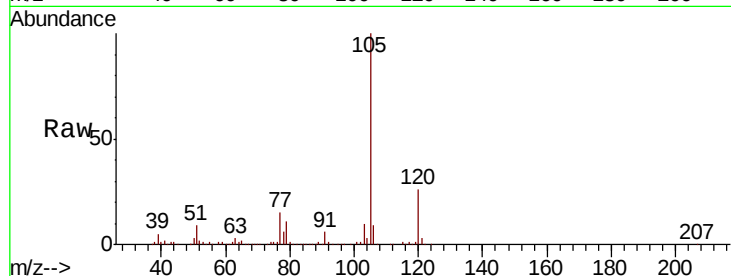
T11-MW-13-8.0-122018

Tot Ion:105 Resp: 256924

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 28.690 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053087.D

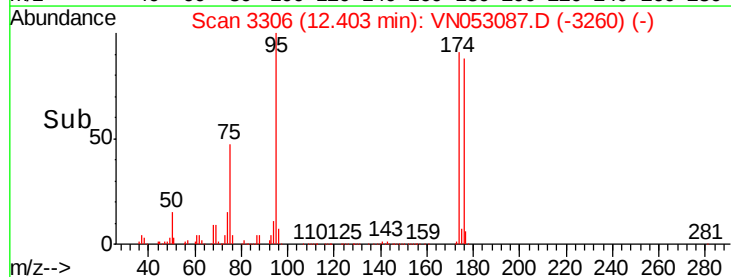
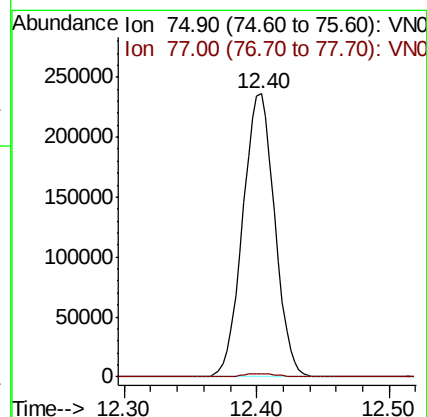
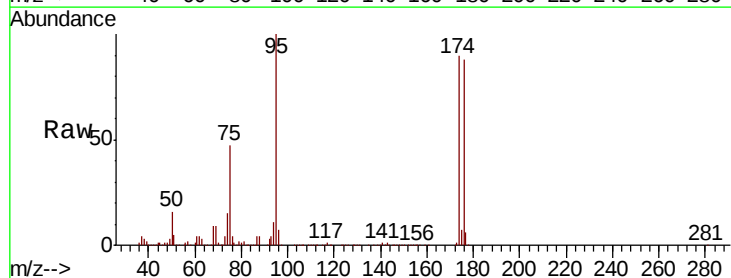
Acq: 21 Dec 2018 5:43

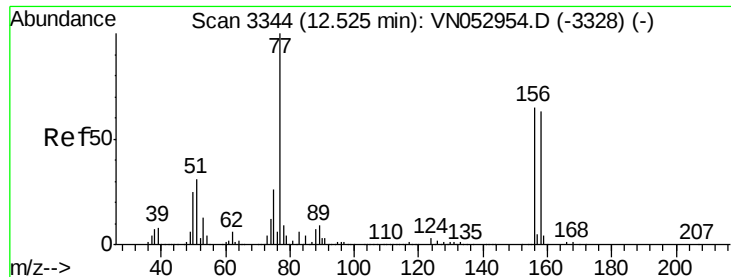
Tgt Ion: 75 Resp: 396007

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#77

Bromobenzene

Concen: 1.754 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.03 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-122018

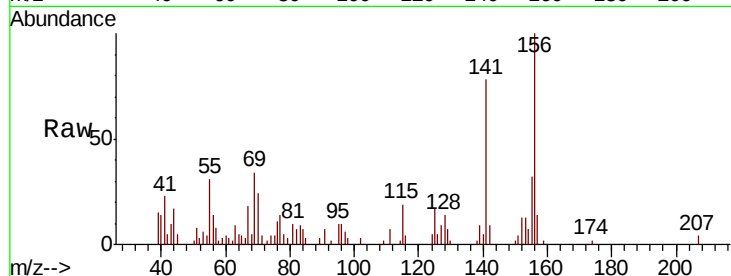
Tot Ion:156 Resp: 29257

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

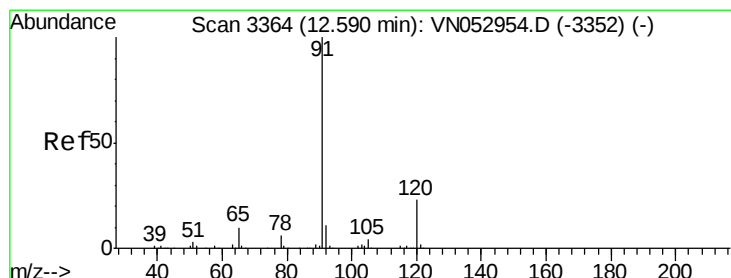
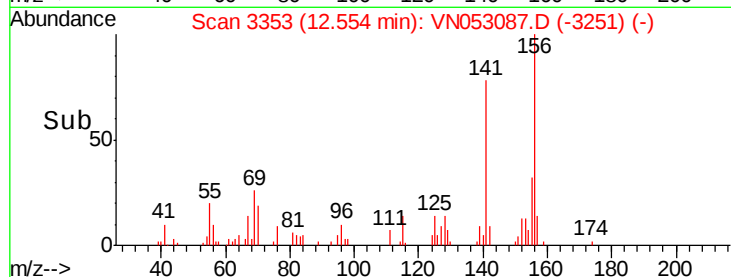
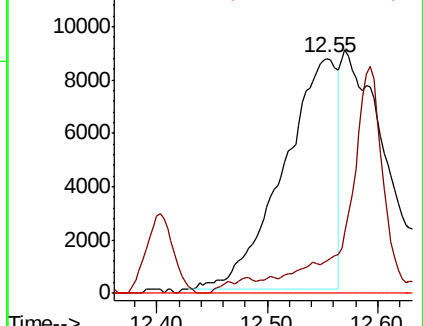
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.734 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053087.D

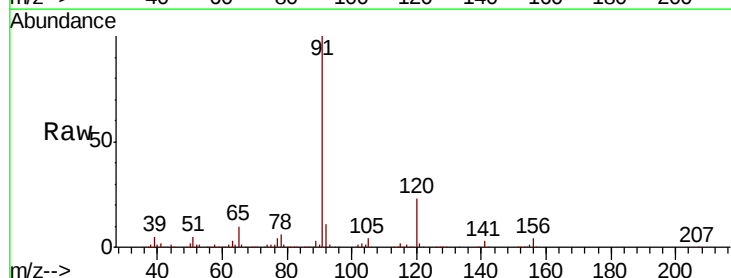
Acq: 21 Dec 2018 5:43

Tgt Ion: 91 Resp: 345859

Ion Ratio Lower Upper

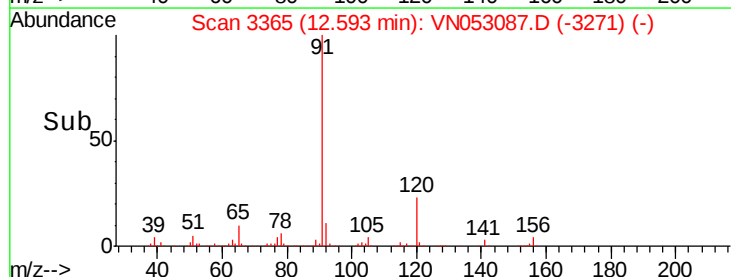
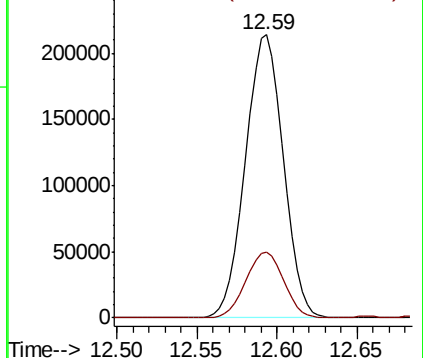
91 100

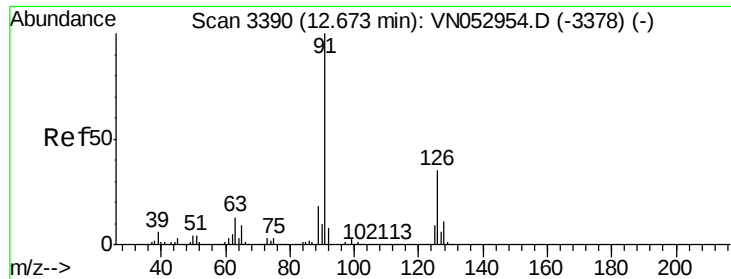
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 7.637 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

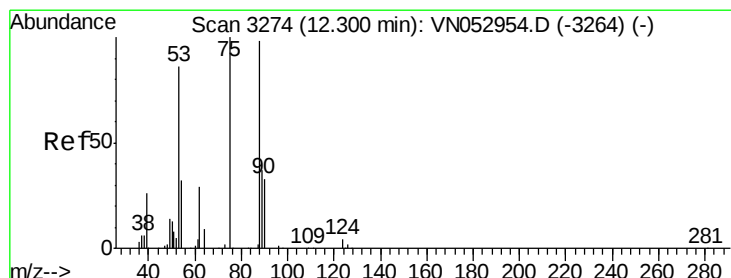
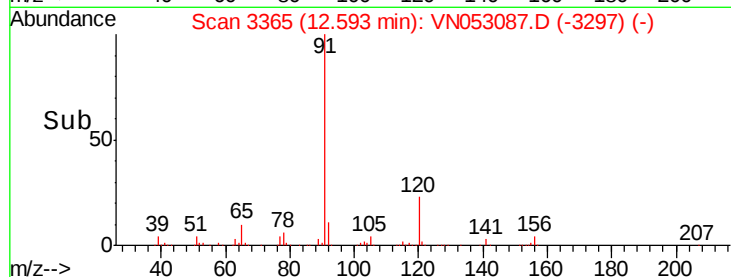
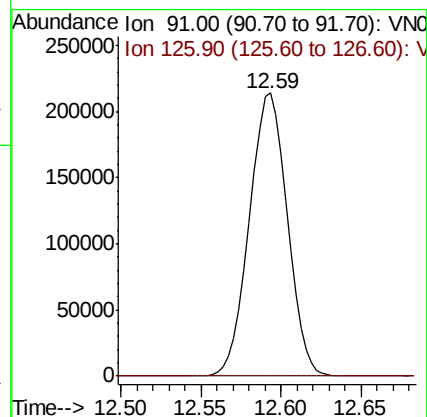
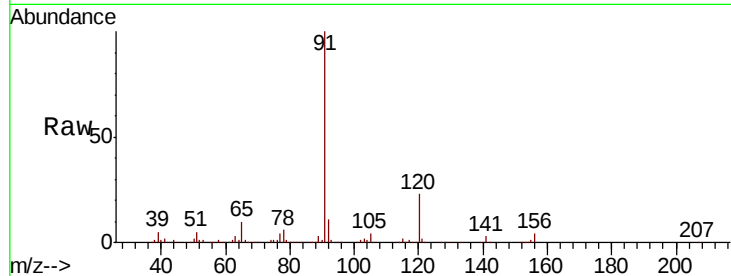
T11-MW-13-8.0-122018

Tot Ion: 91 Resp: 345859

Ion Ratio Lower Upper

91 100

126 0.1 17.4 52.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.472 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

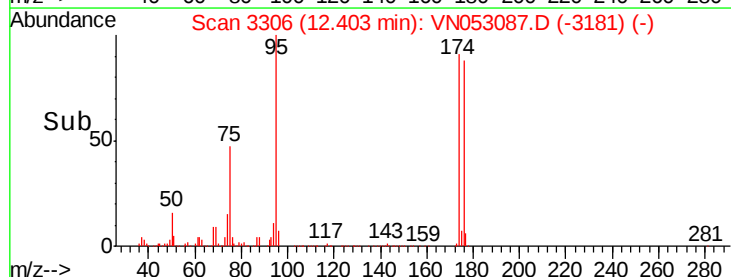
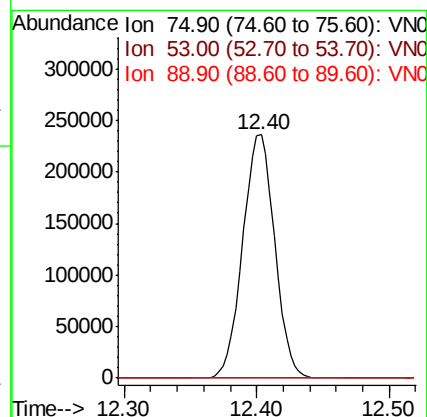
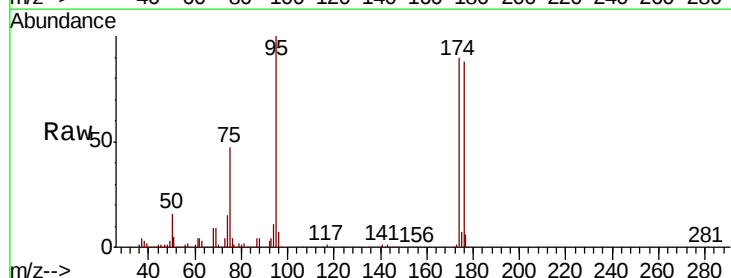
Tgt Ion: 75 Resp: 396007

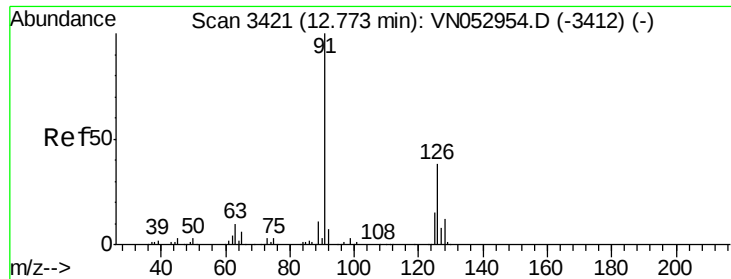
Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#





#82

4-Chlorotoluene

Concen: 7.801 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

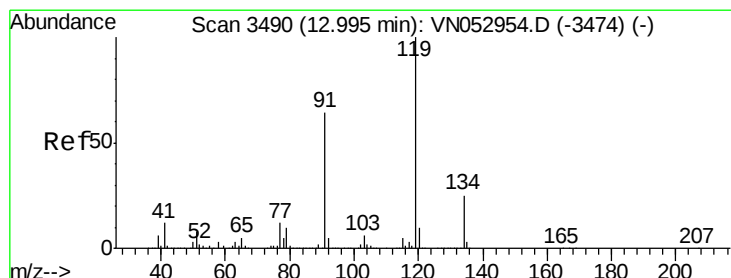
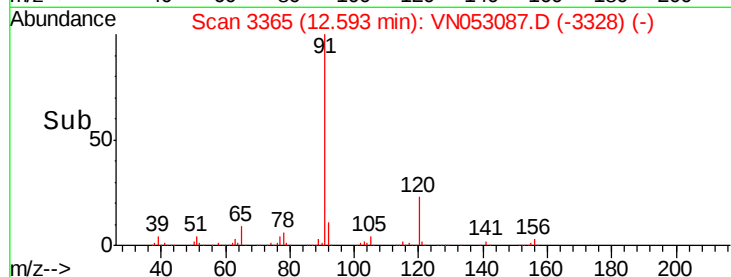
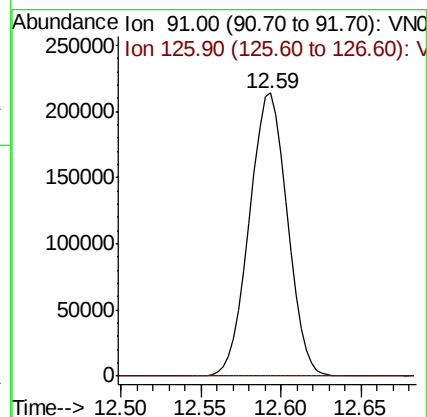
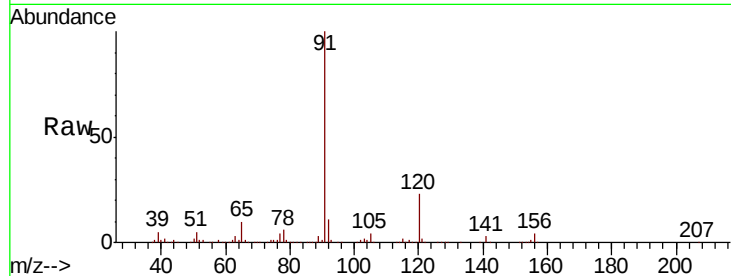
T11-MW-13-8.0-122018

Tot Ion: 91 Resp: 345859

Ion Ratio Lower Upper

91 100

126 0.1 17.3 51.7#



#83

tert-Butylbenzene

Concen: 0.640 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

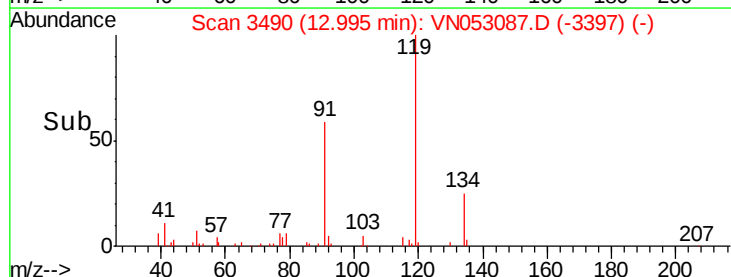
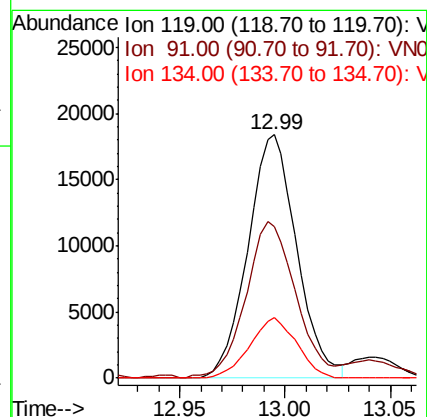
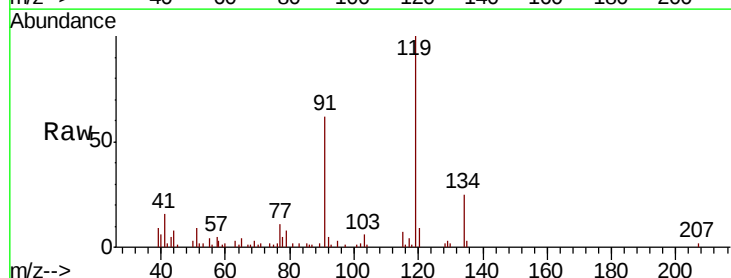
Tgt Ion: 119 Resp: 29611

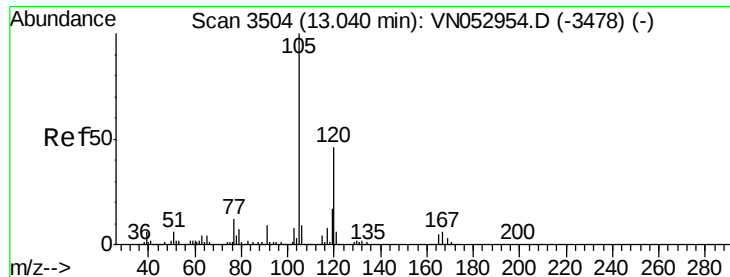
Ion Ratio Lower Upper

119 100

91 65.5 31.9 95.5

134 23.8 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.397 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

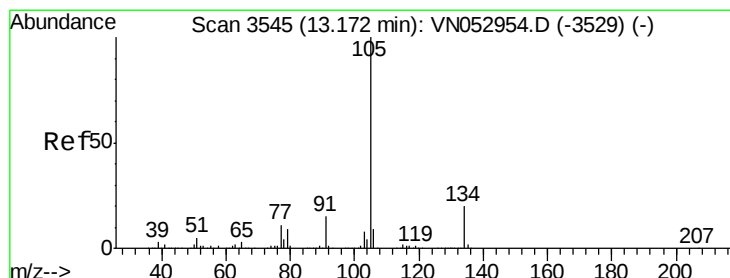
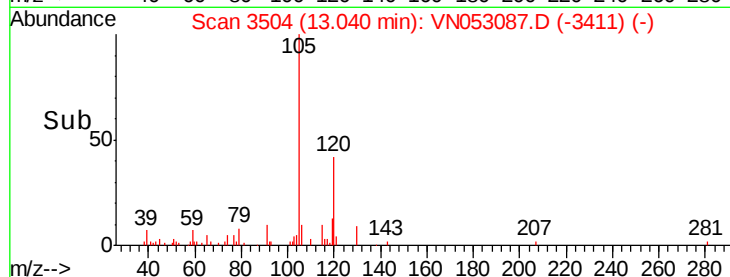
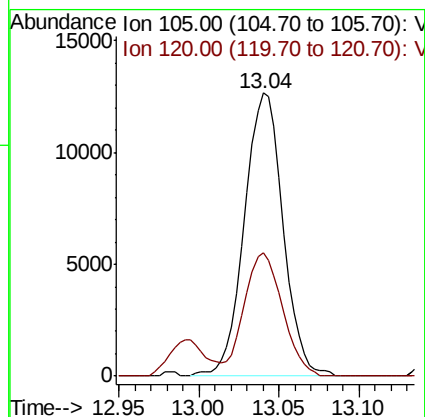
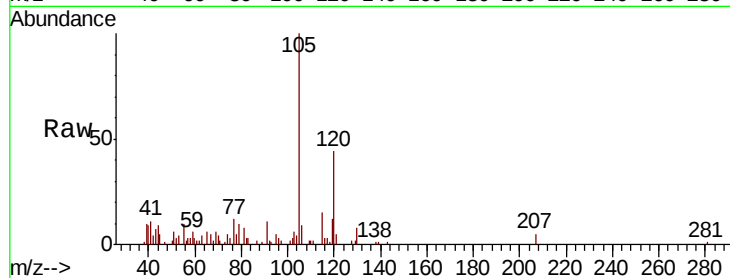
T11-MW-13-8.0-122018

Tot Ion:105 Resp: 20847

Ion Ratio Lower Upper

105 100

120 43.3 22.9 68.8



#85

sec-Butylbenzene

Concen: 2.116 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053087.D

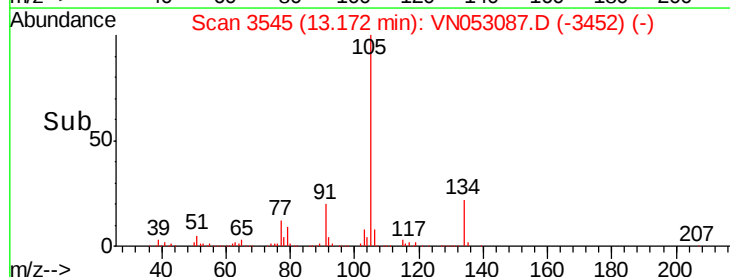
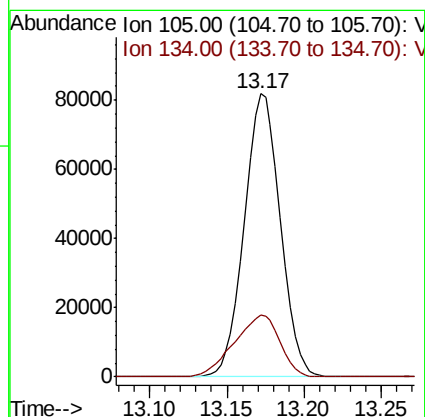
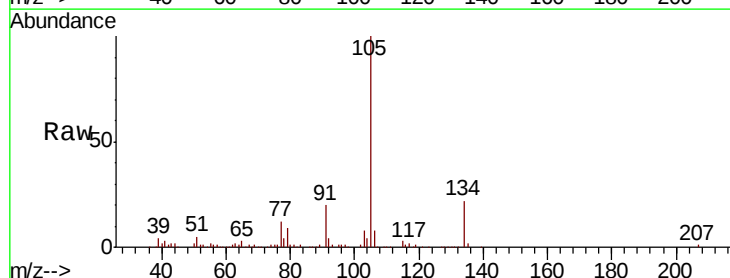
Acq: 21 Dec 2018 5:43

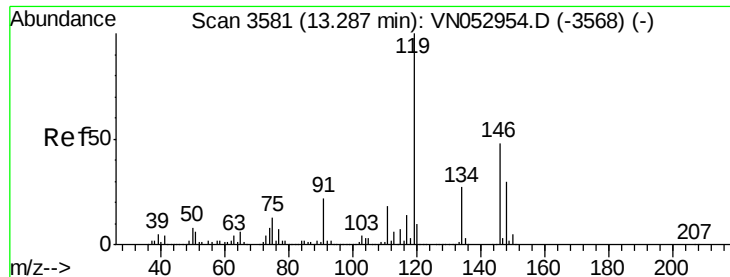
Tgt Ion:105 Resp: 132386

Ion Ratio Lower Upper

105 100

134 27.9 10.1 30.3

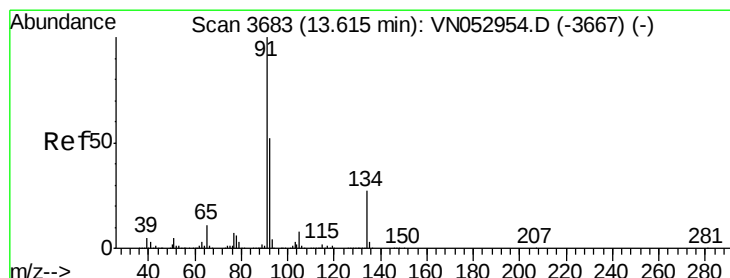
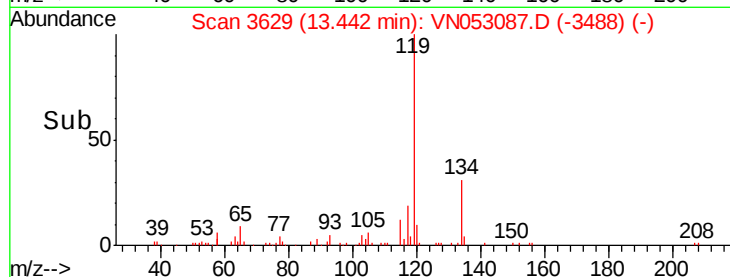
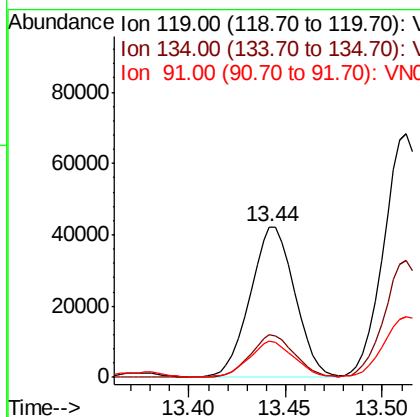
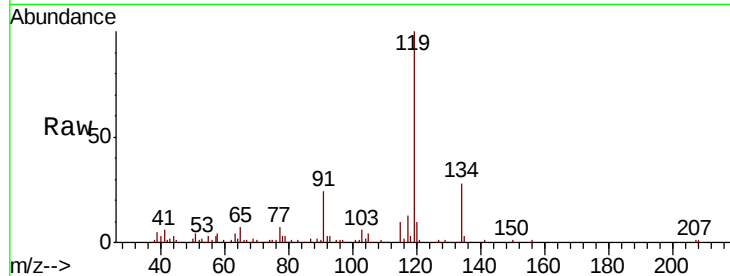




#86
p-Isopropyltoluene
Concen: 1.241 ug/l
RT: 13.44 min Scan# 3629
Delta R.T. 0.15 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

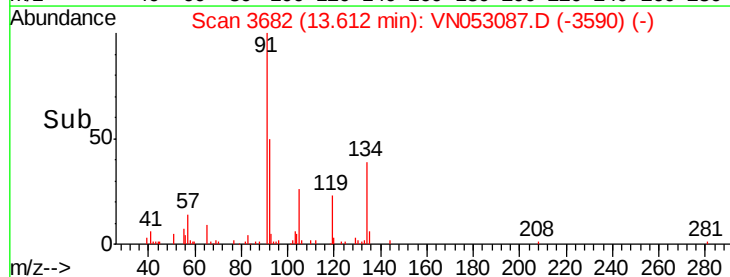
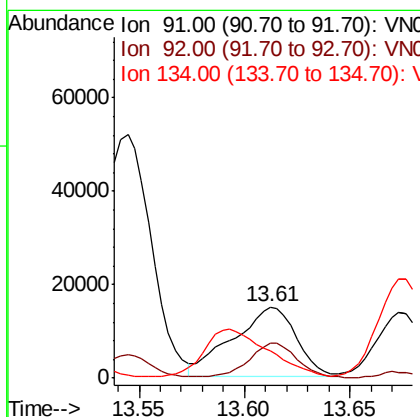
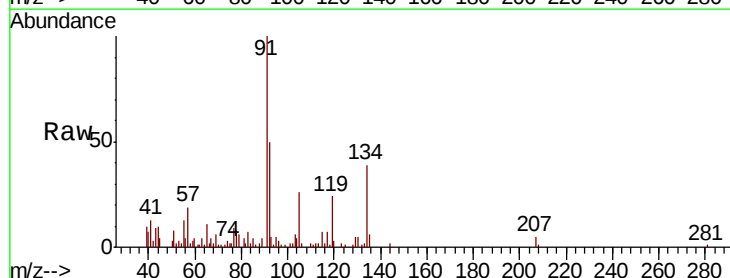
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

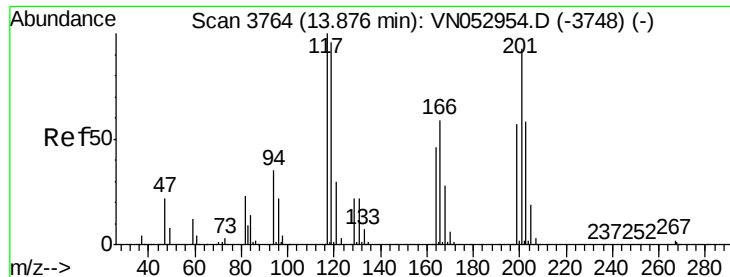
Tot Ion:119 Resp: 67051
Ion Ratio Lower Upper
119 100
134 28.2 13.4 40.2
91 23.1 11.1 33.3



#89
n-Butylbenzene
Concen: 0.676 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 91 Resp: 31418
Ion Ratio Lower Upper
91 100
92 38.7 26.3 78.9
134 0.0 13.3 39.8#





#90

Hexachloroethane

Concen: 4.398 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

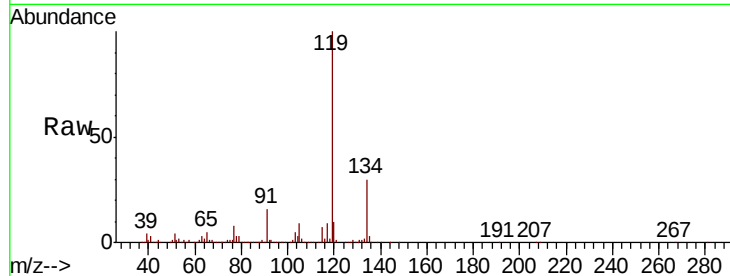
T11-MW-13-8.0-122018

Tot Ion:117 Resp: 36478

Ion Ratio Lower Upper

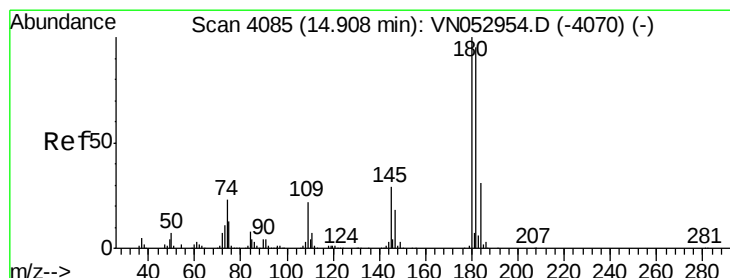
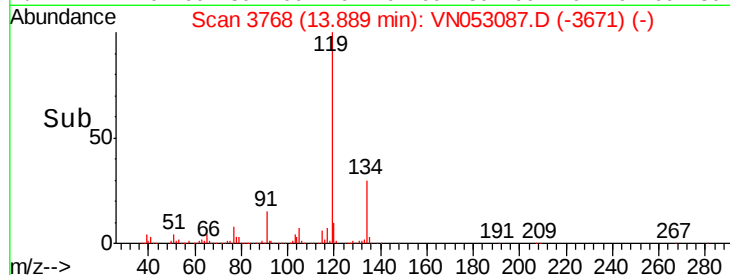
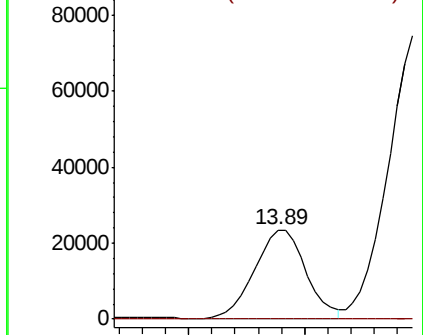
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.598 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053087.D

Acq: 21 Dec 2018 5:43

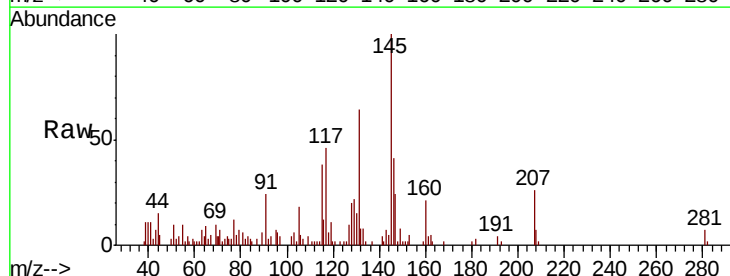
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 626.7 47.8 143.3#

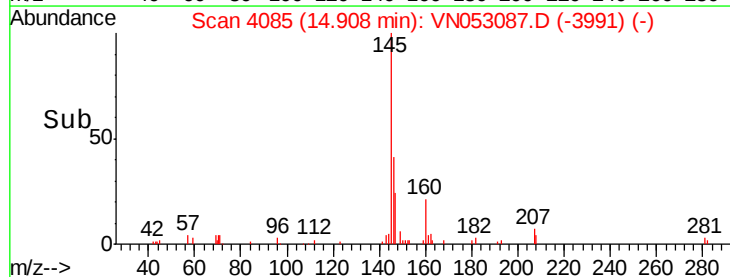
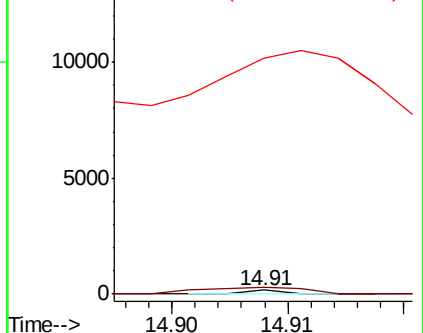
145 31723.3 14.2 42.6#

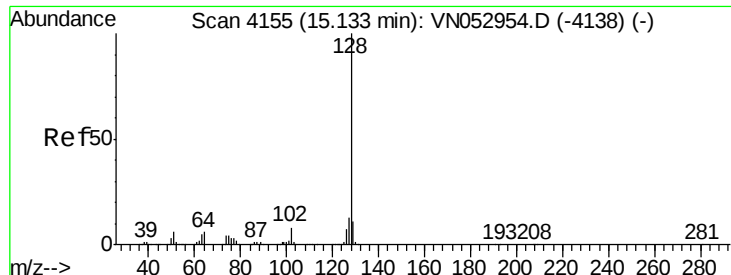


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

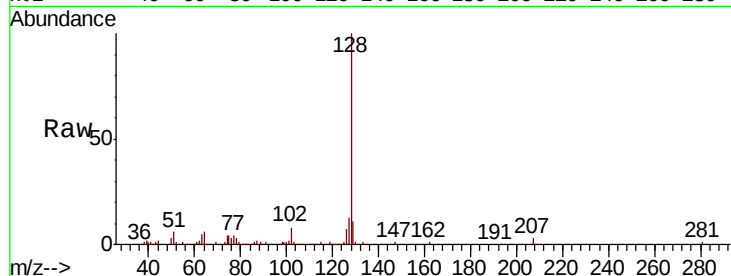




#95
Naphthalene
Concen: 6.753 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	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

