

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057887.D
 Acq On : 11 Sep 2019 00:23
 Operator : JC/SP
 Sample : K4818-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

Quant Time: Sep 11 04:00:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	282058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	440056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	239615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	318252	55.71	ug/l	0.00
Spiked Amount			Recovery	=	111.42%	
35) Dibromofluoromethane	7.57	113	216055	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
50) Toluene-d8	10.09	98	866786	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.40	95	292966	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1044	0.263	ug/l #	76
5) Bromomethane	2.52	94	75	Below Cal	#	80
11) Tert butyl alcohol	4.76	59	3868	5.594	ug/l #	72
15) Acrylonitrile	5.02	53	3603	1.896	ug/l #	35
16) Acetone	3.80	43	20858	11.137	ug/l	96
17) Carbon Disulfide	4.02	76	620	0.291	ug/l #	75
18) Methyl Acetate	4.32	43	3309	0.663	ug/l #	90
19) Methyl tert-butyl Ether	5.02	73	322182	25.776	ug/l	99
20) Methylene Chloride	4.53	84	29	Below Cal	#	65
29) Tetrahydrofuran	7.20	42	905	0.542	ug/l #	51
31) Cyclohexane	7.64	56	11215	Below Cal	#	60
36) 1,1-Dichloropropene	7.65	75	25072	4.521	ug/l #	50
38) Carbon Tetrachloride	7.66	117	29428	5.812	ug/l #	15
39) Methylcyclohexane	9.08	83	5564	0.954	ug/l	96
40) Benzene	8.03	78	18766	1.124	ug/l #	85
41) Methacrylonitrile	7.20	41	597	0.230	ug/l #	42
55) 1,1,2-Trichloroethane	10.53	97	2636	0.592	ug/l #	19
59) 2-Hexanone	10.61	43	12303	2.879	ug/l	75
68) m/p-Xylenes	11.63	106	1889	0.256	ug/l	90
69) o-Xylene	11.95	106	1998	0.272	ug/l	87
73) Isopropylbenzene	12.25	105	68525	3.685	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	160934	29.690	ug/l #	100
77) Bromobenzene	12.59	156	2722	0.587	ug/l #	42
78) n-propylbenzene	12.60	91	98472	4.612	ug/l	98
79) 2-Chlorotoluene	12.60	91	98472	7.297	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.40	75	160934	104.479	ug/l #	6
82) 4-Chlorotoluene	12.60	91	98472	7.106	ug/l #	43
83) tert-Butylbenzene	13.00	119	8507	0.609	ug/l	94
84) 1,2,4-Trimethylbenzene	13.05	105	5523	0.346	ug/l	98
85) sec-Butylbenzene	13.17	105	35207	1.902	ug/l	87
86) p-Isopropyltoluene	13.45	119	19913	1.221	ug/l	95
89) n-Butylbenzene	13.62	91	10240	0.665	ug/l #	73
90) Hexachloroethane	13.90	117	12516	5.160	ug/l #	12
95) Naphthalene	15.13	128	65956	3.232	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

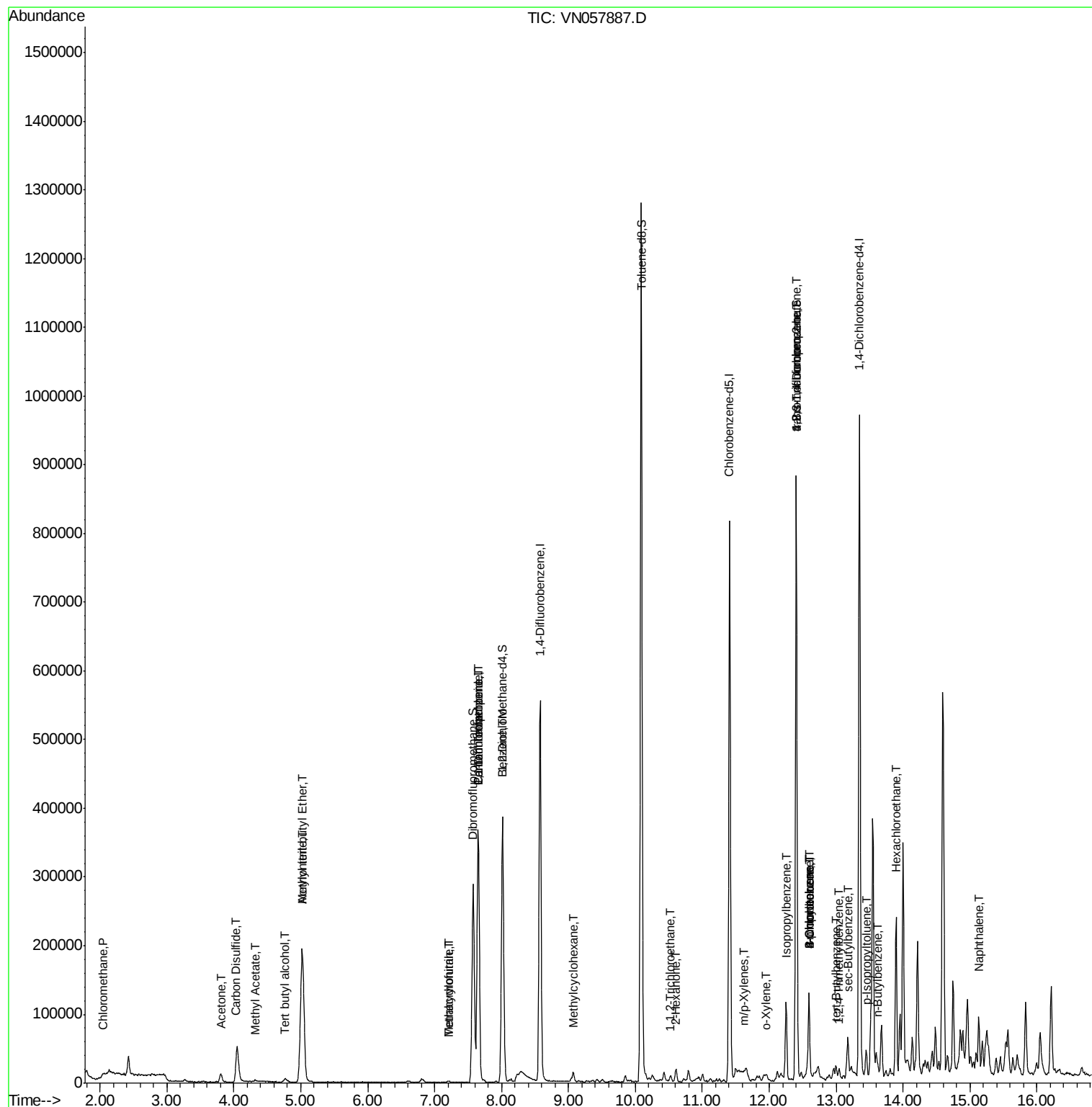
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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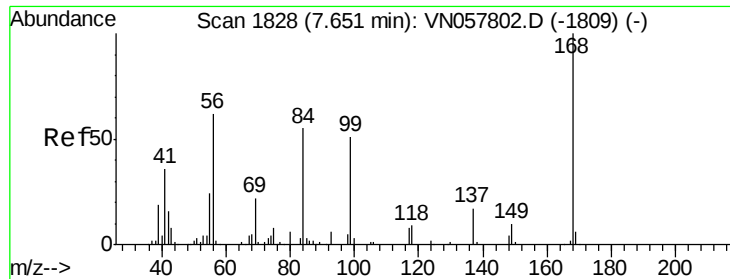
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

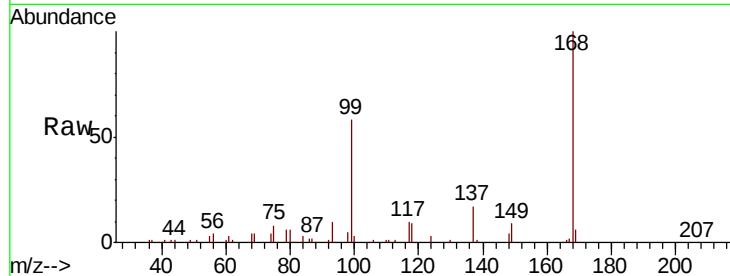
T11-MW-13-8.0-091019

Tgt Ion:168 Resp: 282058

Ion Ratio Lower Upper

168 100

99 57.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

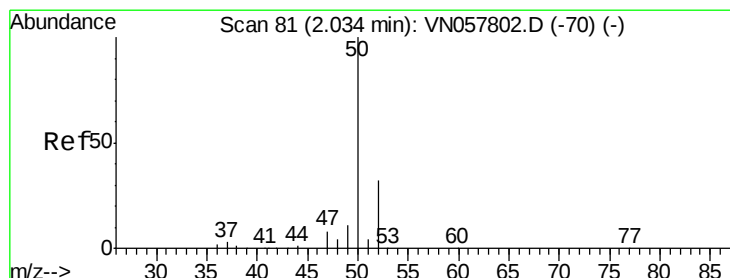
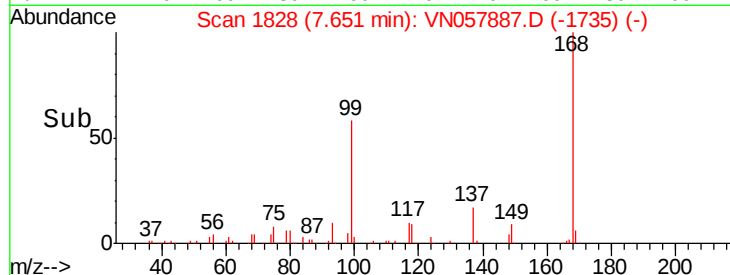
7.65

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.263 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN057887.D

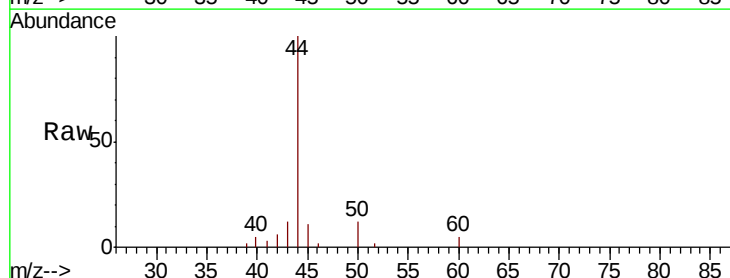
Acq: 11 Sep 2019 00:23

Tgt Ion: 50 Resp: 1044

Ion Ratio Lower Upper

50 100

52 18.3 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

1000

800

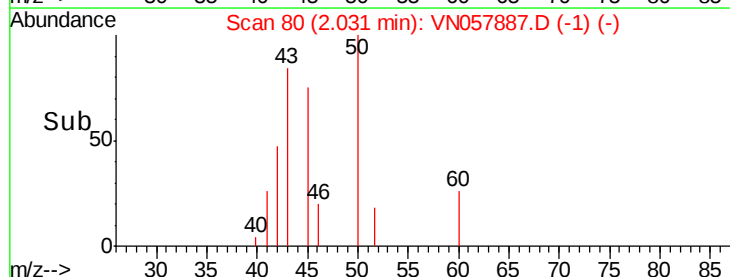
600

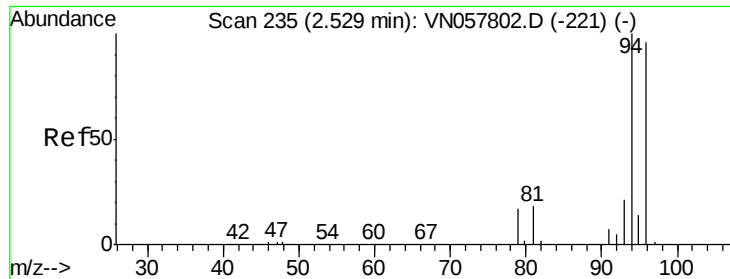
400

200

0

Time-->

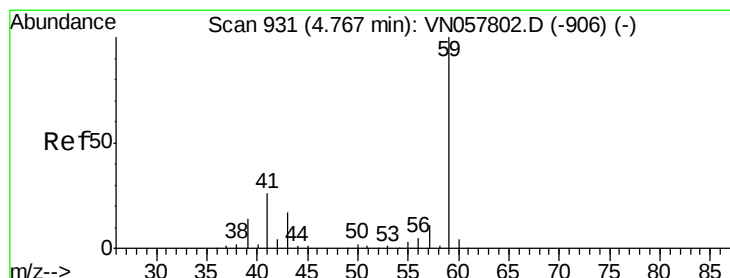
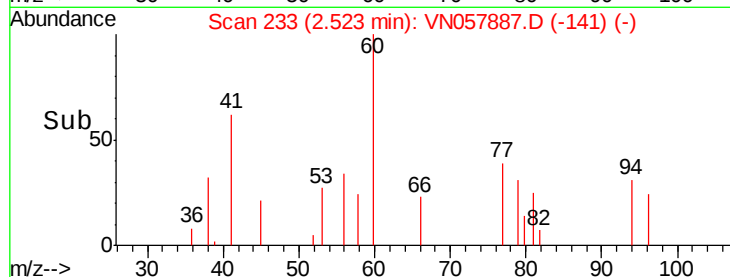
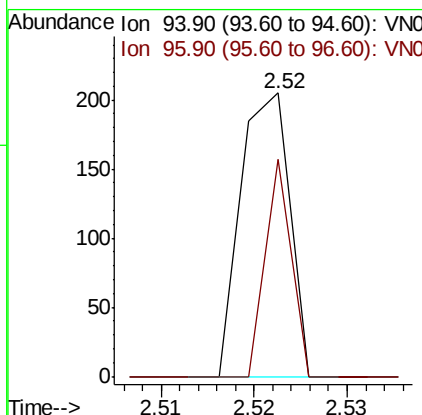
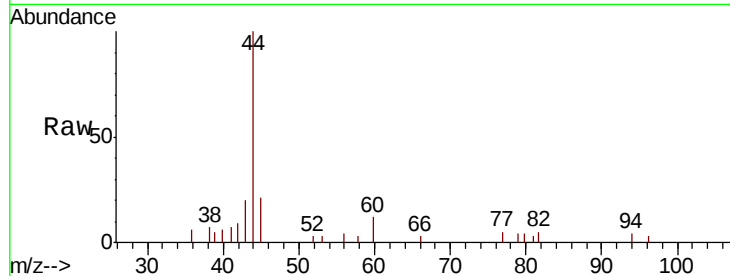




#5
Bromomethane
Concen: Below Cal
RT: 2.52 min Scan# 233
Delta R.T. -0.01 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

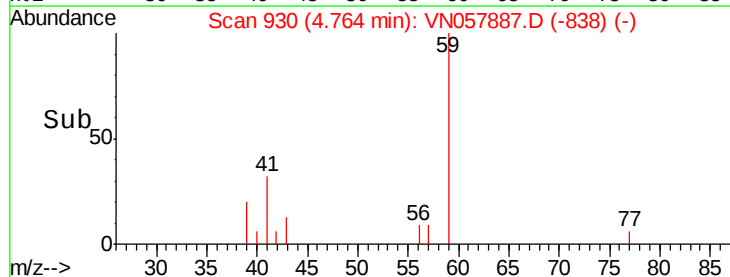
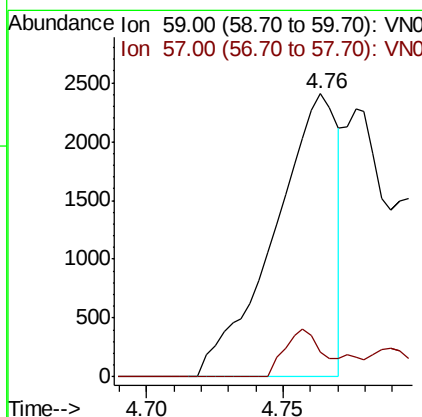
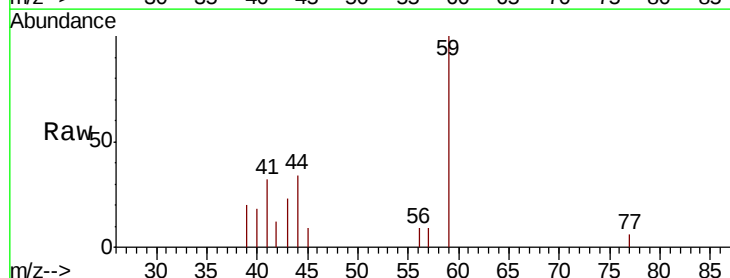
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

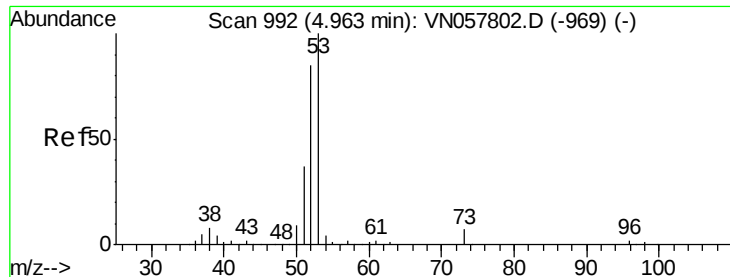
Tgt Ion: 94 Resp: 75
Ion Ratio Lower Upper
94 100
96 76.6 77.0 115.4#



#11
Tert butyl alcohol
Concen: 5.594 ug/l
RT: 4.76 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 59 Resp: 3868
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#15

Acrylonitrile

Concen: 1.896 ug/l

RT: 5.02 min Scan# 1011

Delta R.T. 0.06 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019

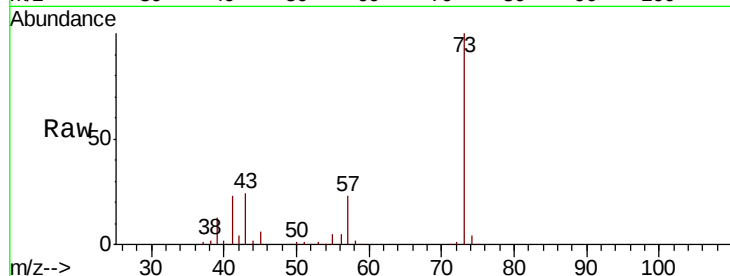
Tgt Ion: 53 Resp: 3603

Ion Ratio Lower Upper

53 100

52 8.0 66.6 100.0#

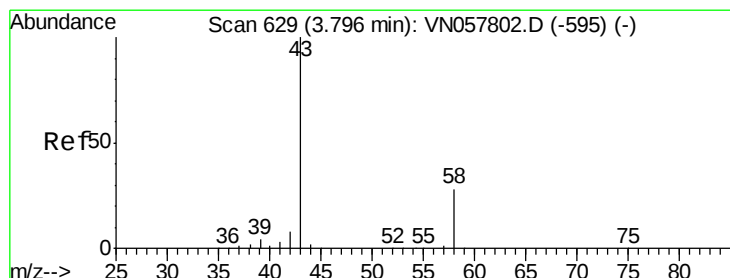
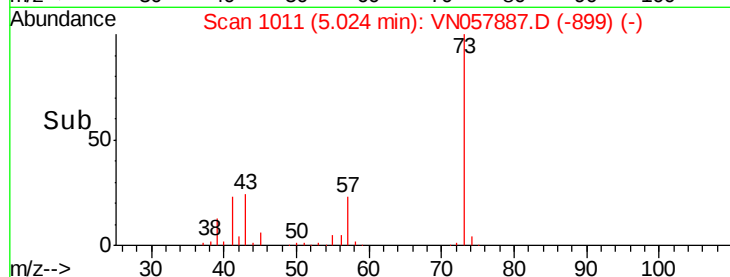
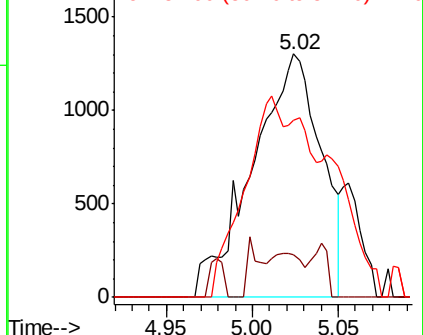
51 50.9 29.8 44.8#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 11.137 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057887.D

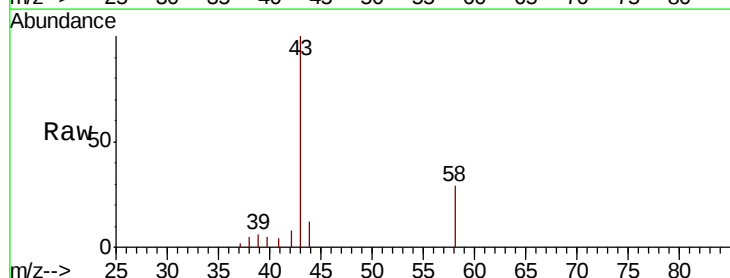
Acq: 11 Sep 2019 00:23

Tgt Ion: 43 Resp: 20858

Ion Ratio Lower Upper

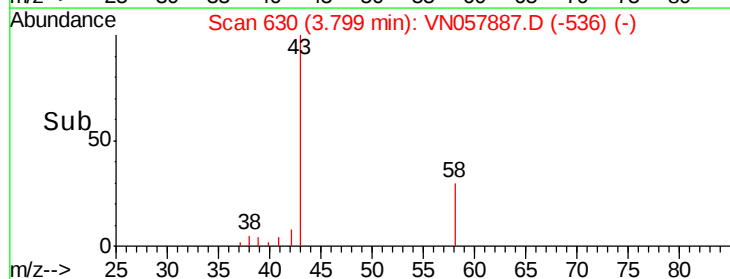
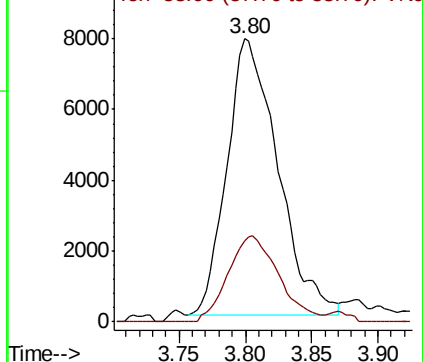
43 100

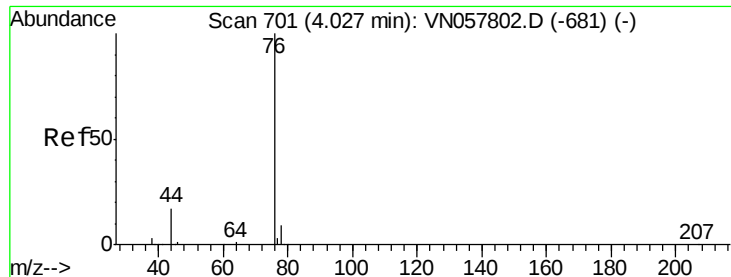
58 29.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.291 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.01 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

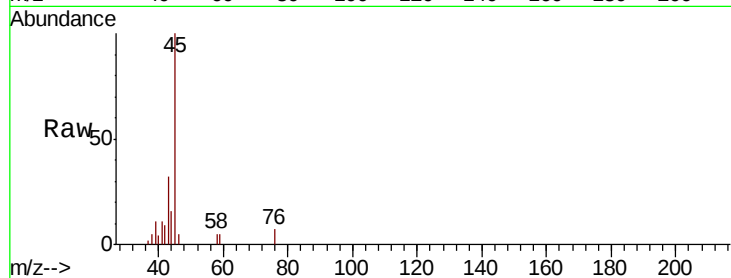
T11-MW-13-8.0-091019

Tgt Ion: 76 Resp: 620

Ion Ratio Lower Upper

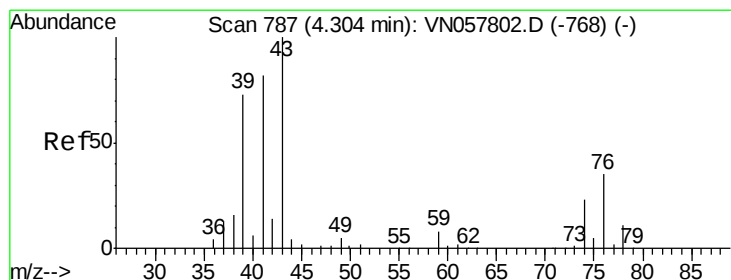
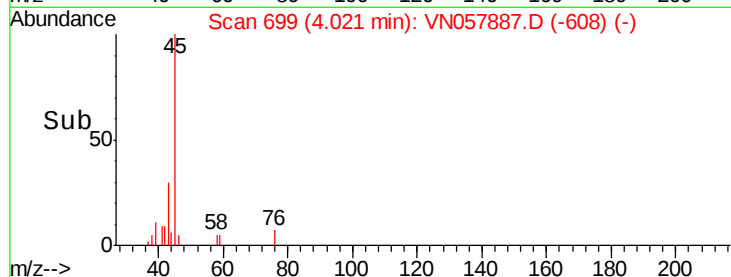
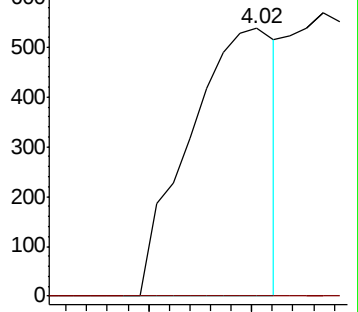
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.663 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.02 min

Lab File: VN057887.D

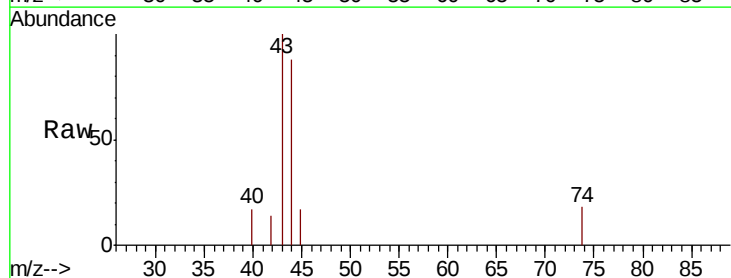
Acq: 11 Sep 2019 00:23

Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

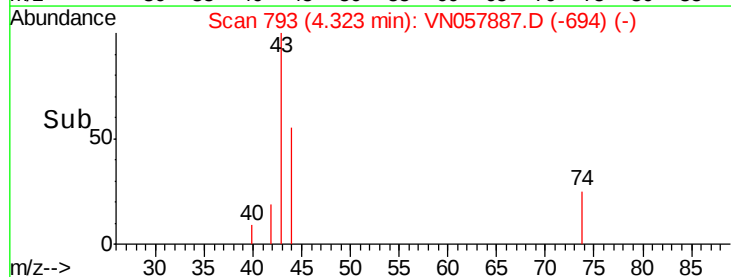
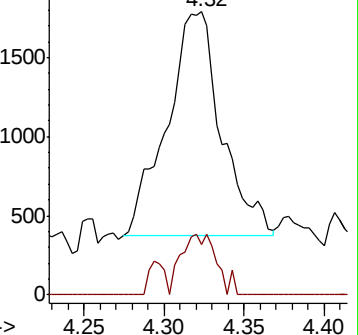
43 100

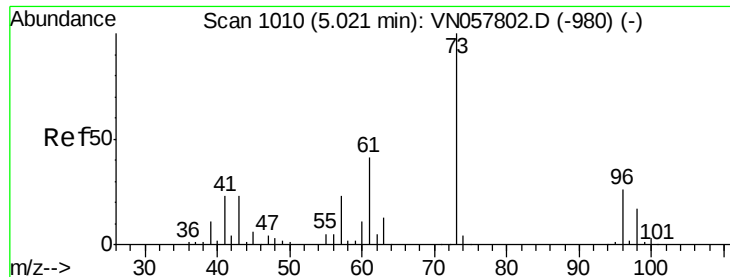
74 17.5 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

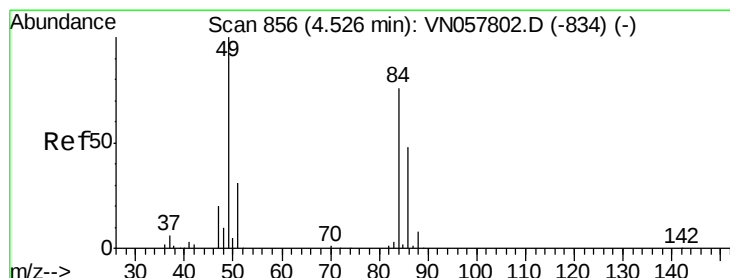
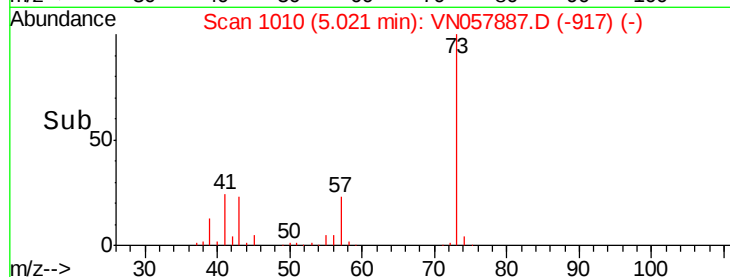
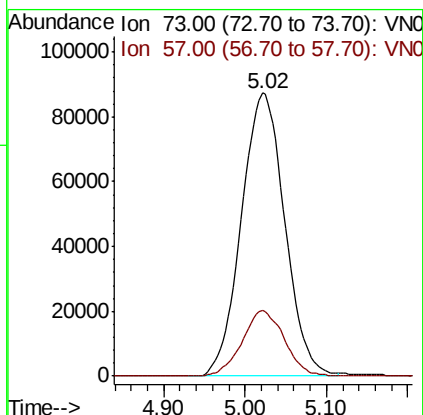
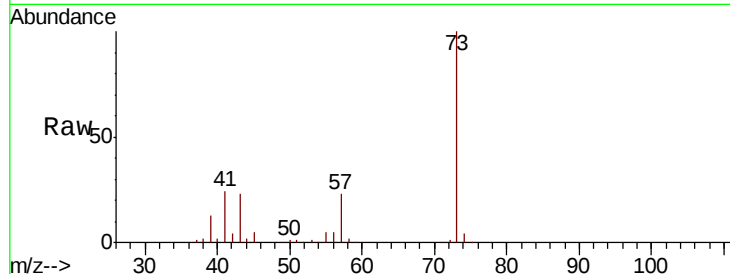




#19
Methyl tert-butyl Ether
Concen: 25.776 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

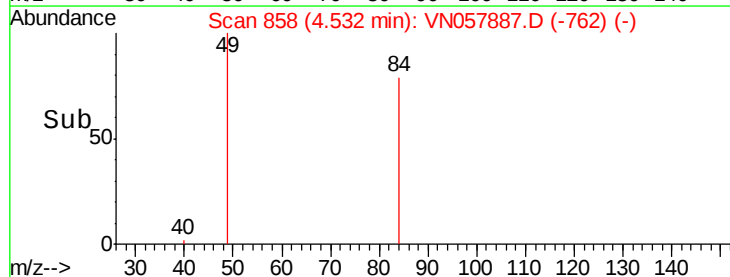
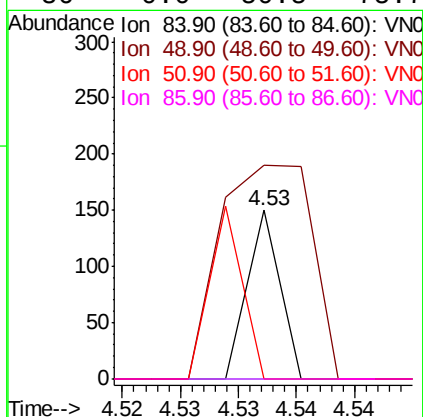
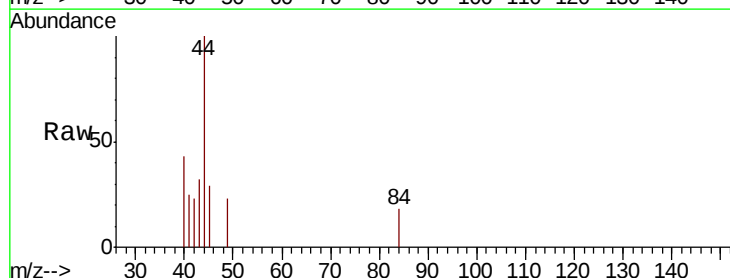
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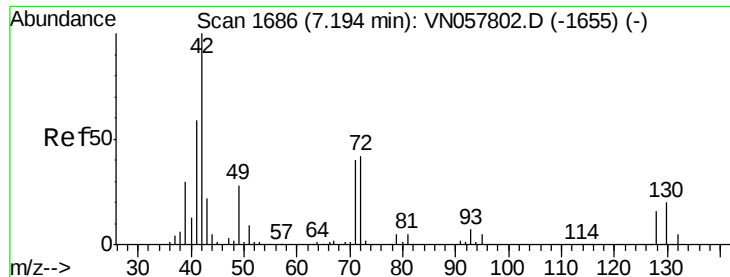
Tgt Ion: 73 Resp: 322182
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 84 Resp: 29
Ion Ratio Lower Upper
84 100
49 126.7 104.8 157.2
51 0.0 33.0 49.4#
86 0.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 0.542 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019

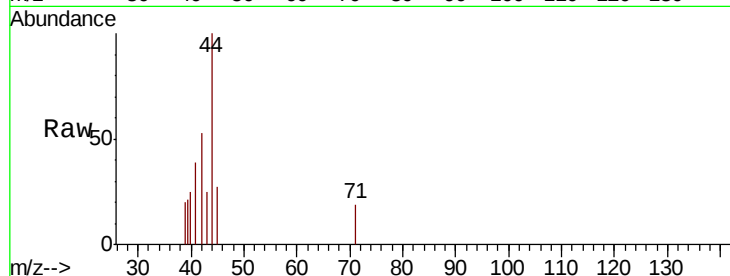
Tgt Ion: 42 Resp: 905

Ion Ratio Lower Upper

42 100

72 10.8 33.7 50.5#

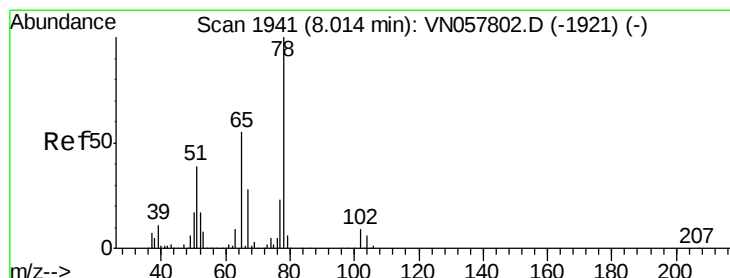
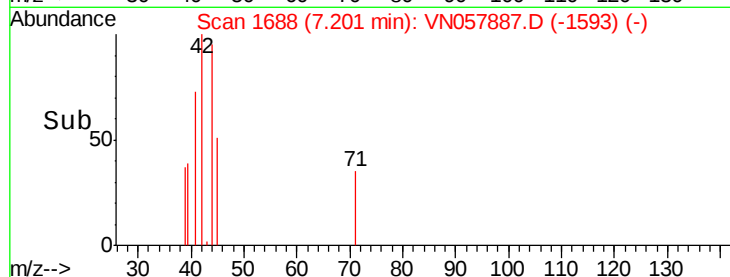
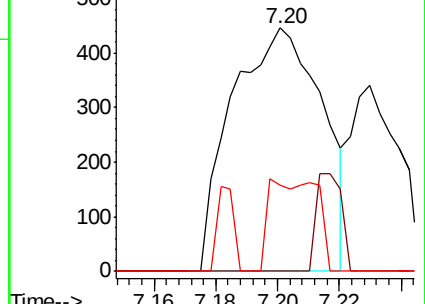
71 10.2 31.9 47.9#



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



#33

1,2-Dichloroethane-d4

Concen: 55.708 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057887.D

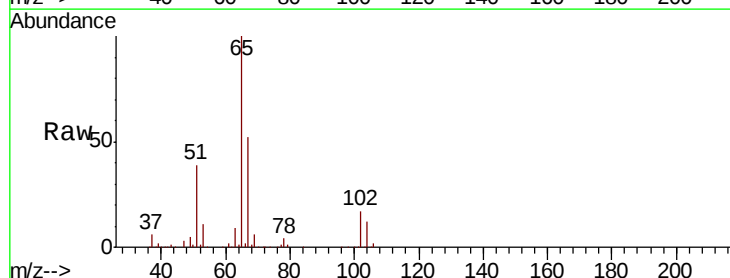
Acq: 11 Sep 2019 00:23

Tgt Ion: 65 Resp: 318252

Ion Ratio Lower Upper

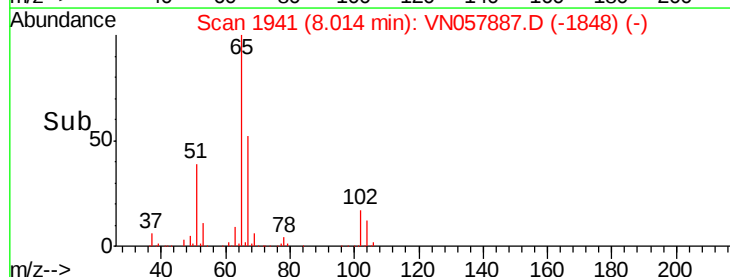
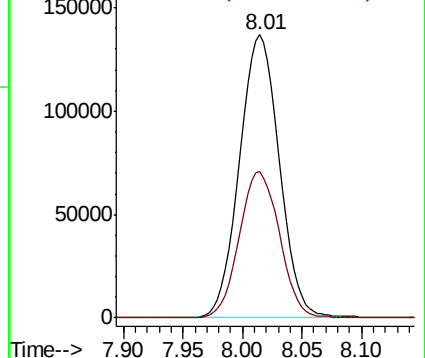
65 100

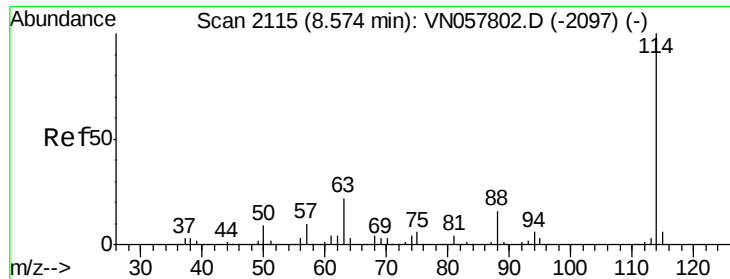
67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

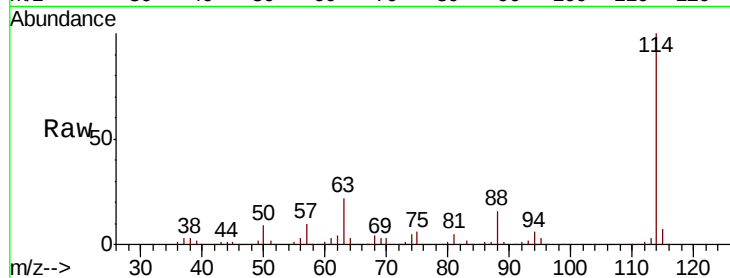




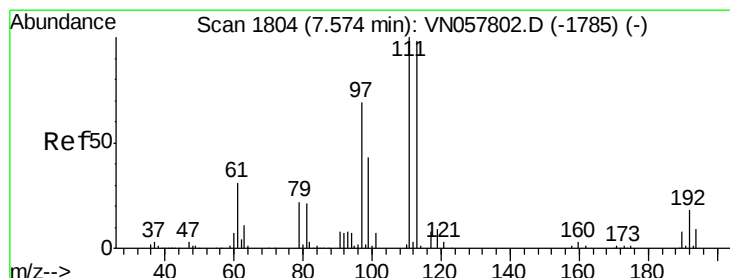
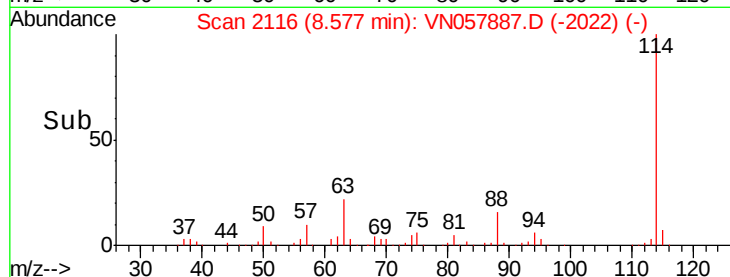
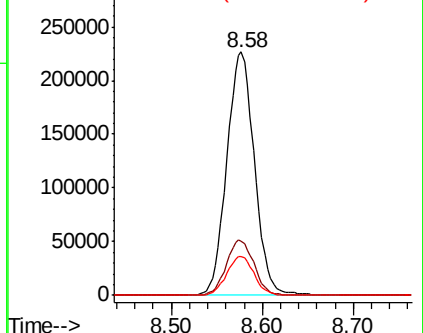
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

Tgt Ion:114 Resp: 478200
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.0
 88 16.1 0.0 31.4

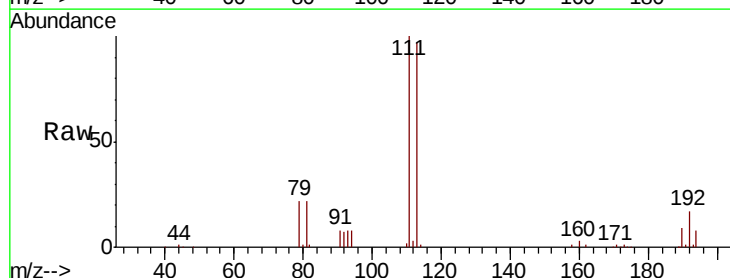


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

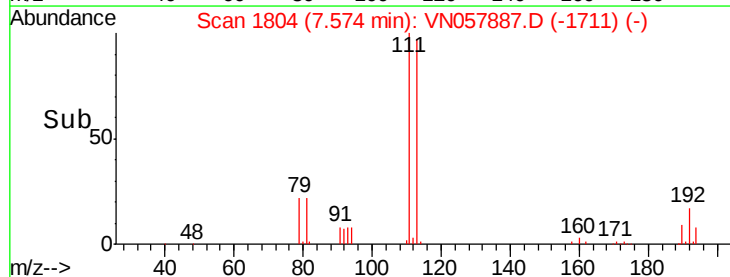
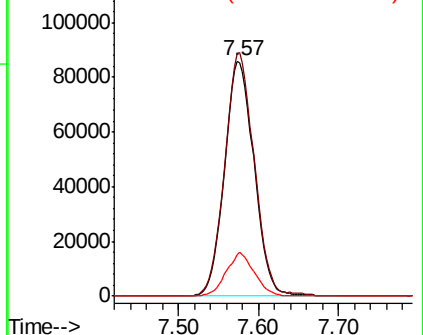


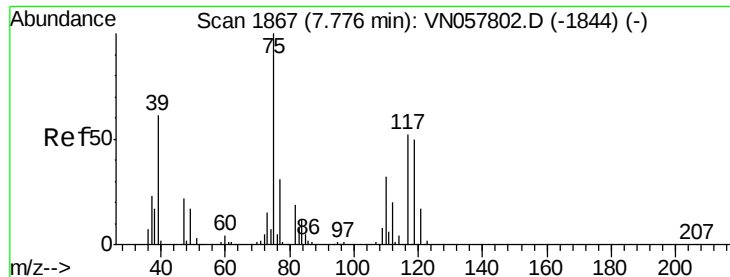
#35
 Dibromofluoromethane
 Concen: 48.952 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion:113 Resp: 216055
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 17.6 14.6 22.0



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

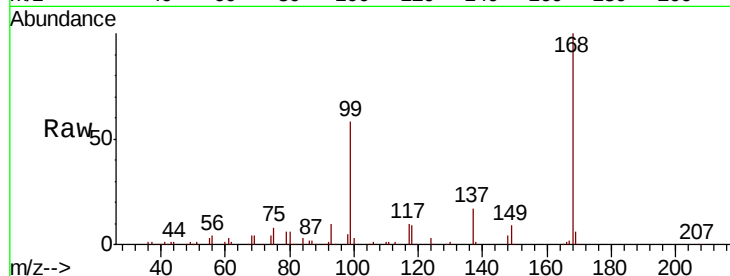




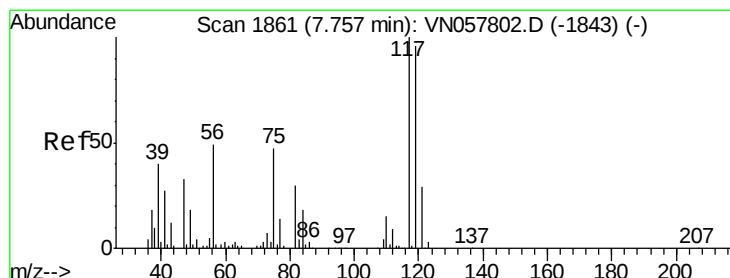
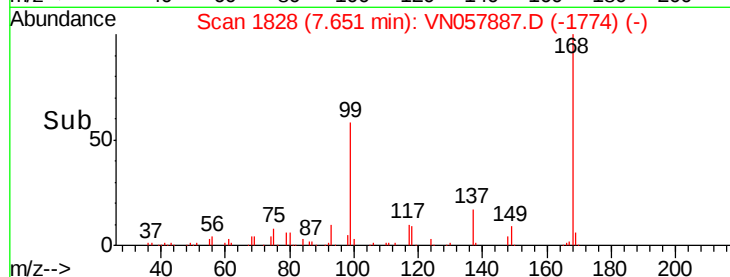
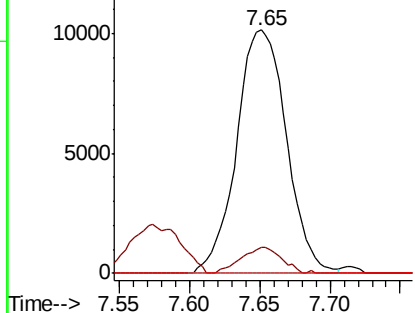
#36
 1,1-Dichloropropene
 Concen: 4.521 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.3	48.9#
77	0.0	25.0	37.4#

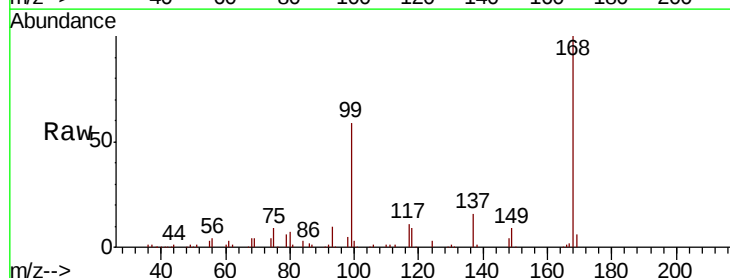


Abundance Ion 74.90 (74.60 to 75.60): VN057887.D (-1774) (-)
 Ion 109.90 (109.60 to 110.60): VN057887.D (-1774) (-)
 Ion 76.90 (76.60 to 77.60): VN057887.D (-1774) (-)

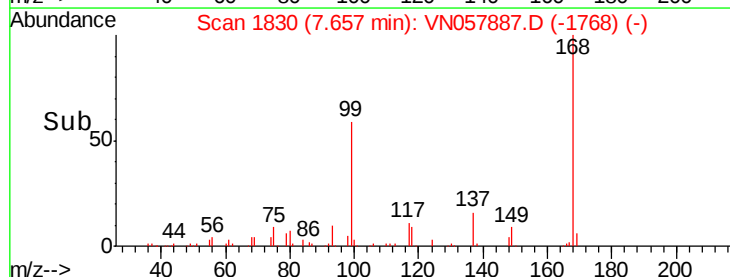
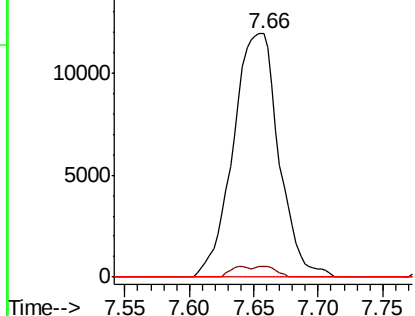


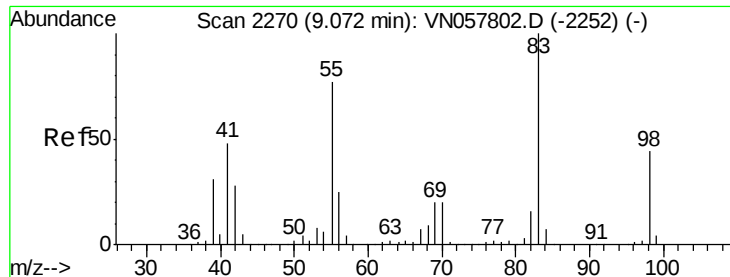
#38
 Carbon Tetrachloride
 Concen: 5.812 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.10 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.9	115.3#
121	0.0	23.4	35.2#



Abundance Ion 116.80 (116.50 to 117.50): VN057887.D (-1768) (-)
 Ion 118.80 (118.50 to 119.50): VN057887.D (-1768) (-)
 Ion 120.80 (120.50 to 121.50): VN057887.D (-1768) (-)

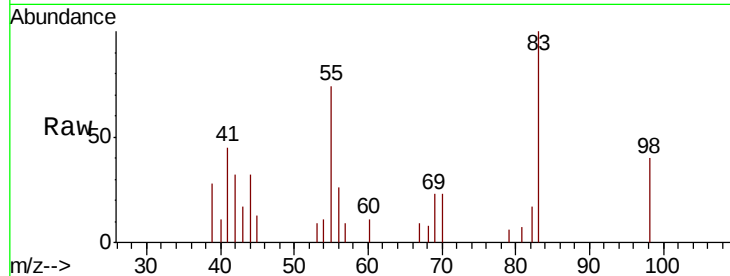




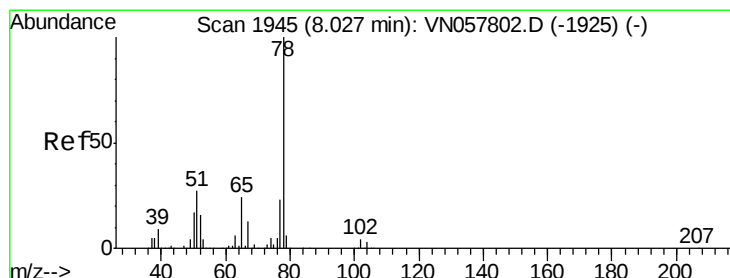
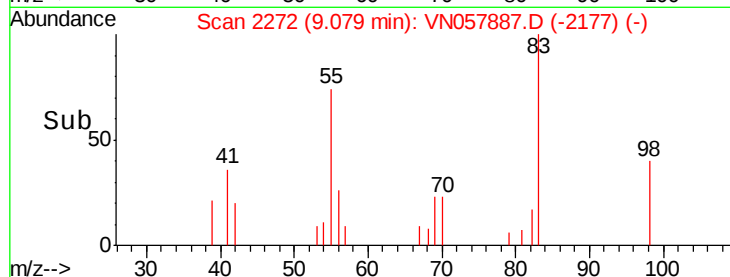
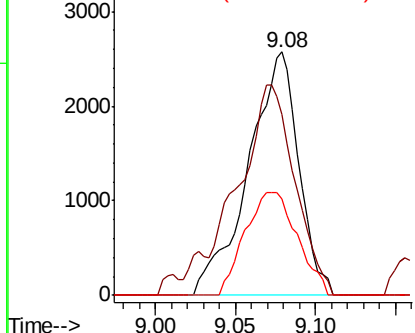
#39
Methylcyclohexane
Concen: 0.954 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.01 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

Tgt Ion: 83 Resp: 5564
Ion Ratio Lower Upper
83 100
55 74.3 61.6 92.4
98 39.8 34.9 52.3

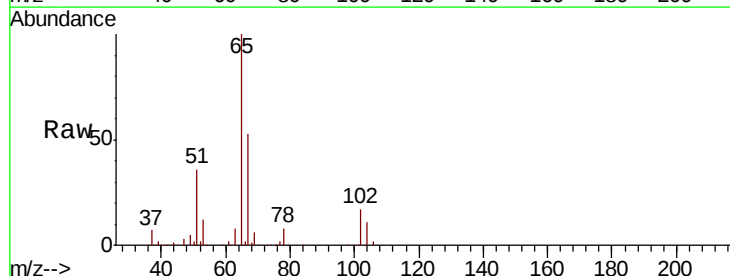


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

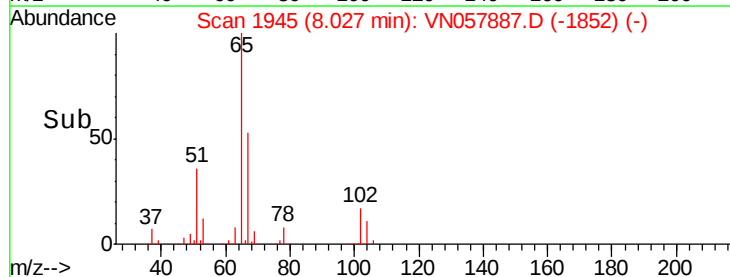
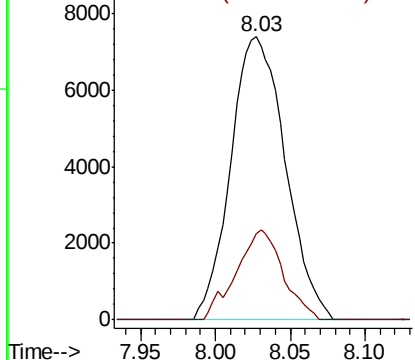


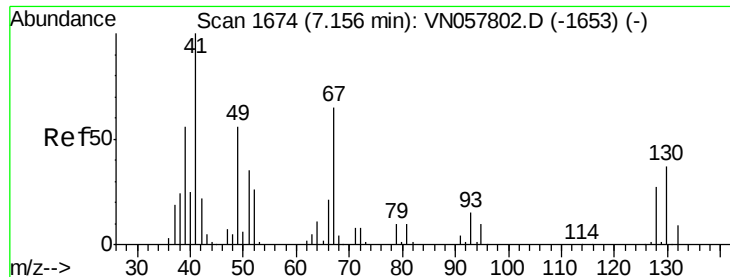
#40
Benzene
Concen: 1.124 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 78 Resp: 18766
Ion Ratio Lower Upper
78 100
77 30.3 18.3 27.5#



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

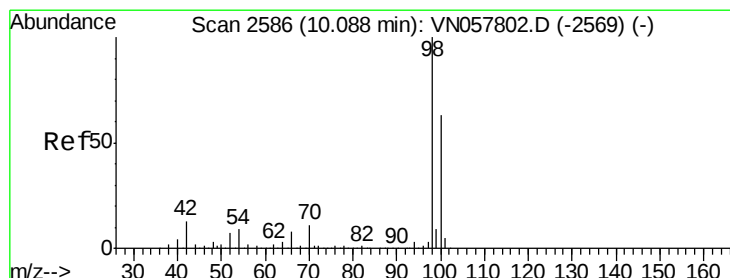
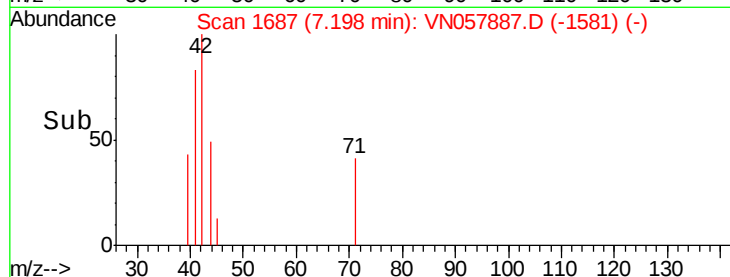
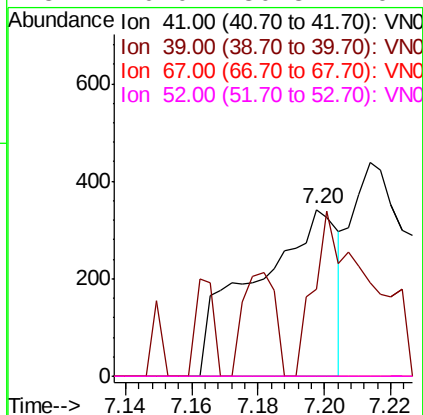
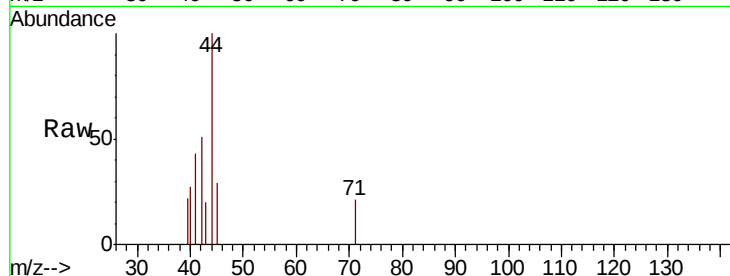




#41
Methacrylonitrile
Concen: 0.230 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

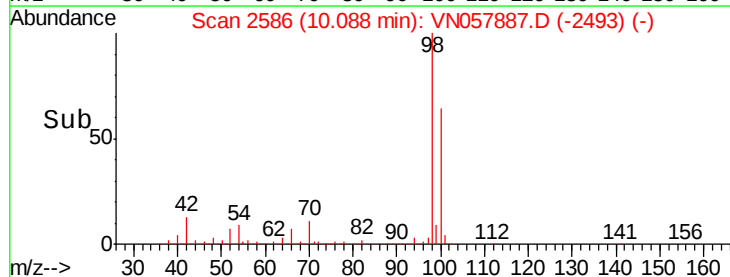
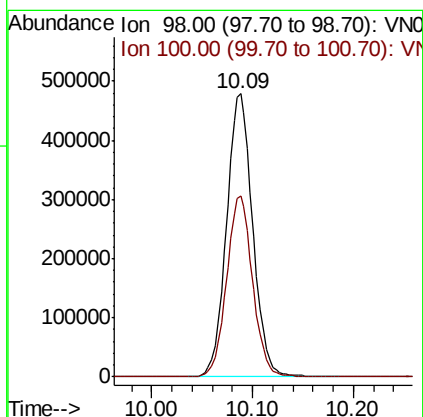
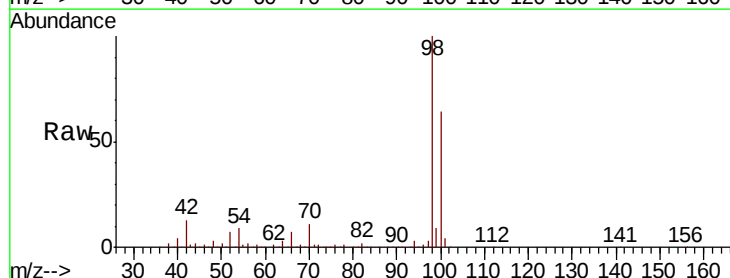
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

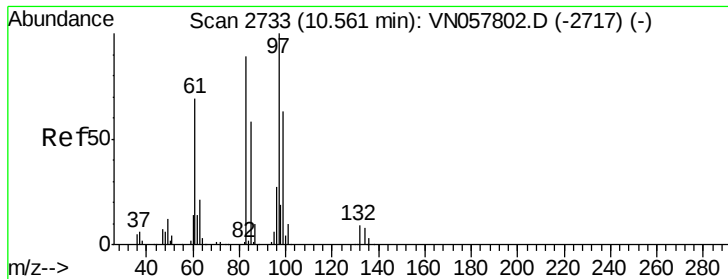
Tgt Ion: 41 Resp: 597
Ion Ratio Lower Upper
41 100
39 67.7 51.0 76.6
67 0.0 70.7 106.1#
52 0.0 30.8 46.2#



#50
Toluene-d8
Concen: 50.583 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 98 Resp: 866786
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5

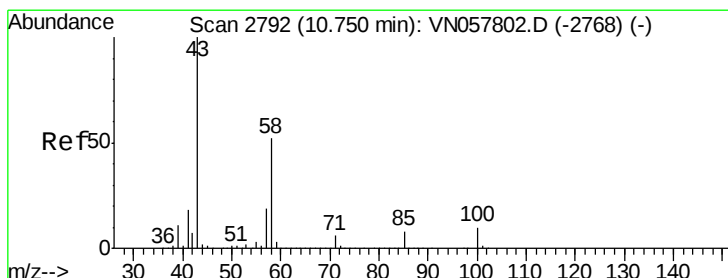
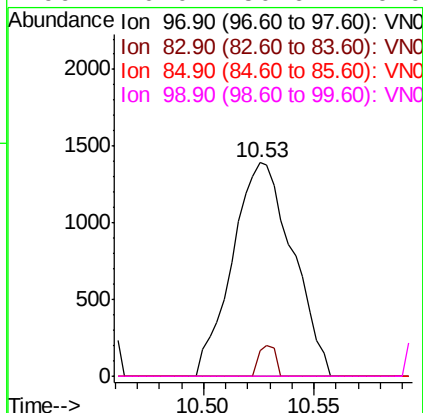
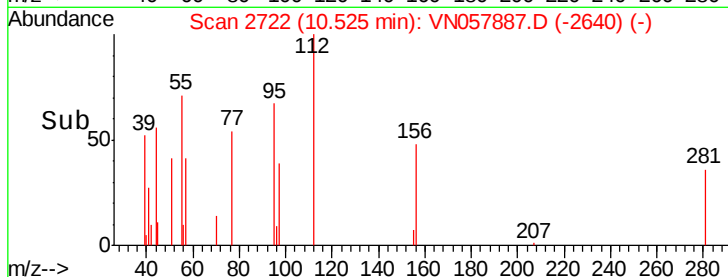
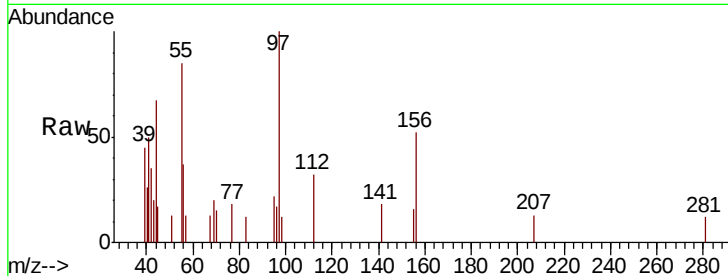




#55
 1,1,2-Trichloroethane
 Concen: 0.592 ug/l
 RT: 10.53 min Scan# 2722
 Delta R.T. -0.04 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

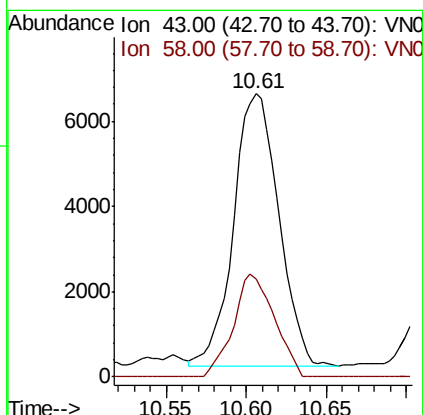
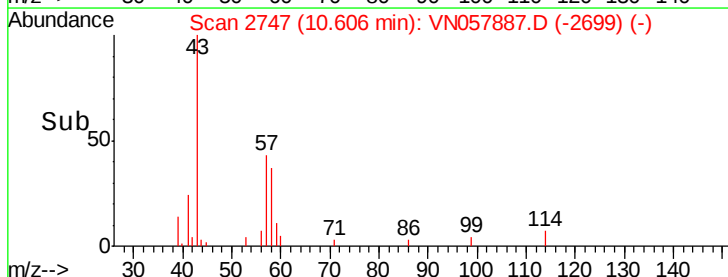
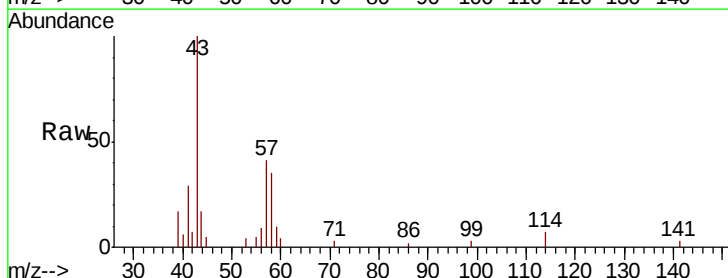
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

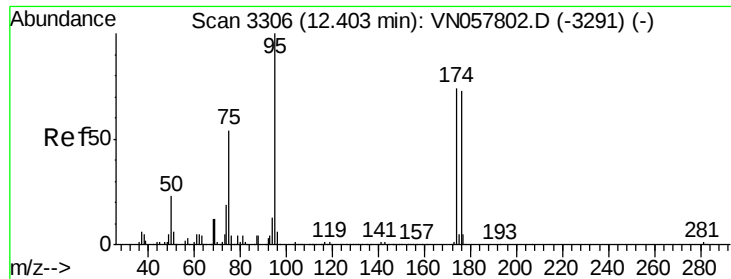
Tgt Ion: 97 Resp: 2636
 Ion Ratio Lower Upper
 97 100
 83 12.0 70.8 106.2#
 85 0.0 46.0 69.0#
 99 0.0 50.6 76.0#



#59
 2-Hexanone
 Concen: 2.879 ug/l
 RT: 10.61 min Scan# 2747
 Delta R.T. -0.14 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion: 43 Resp: 12303
 Ion Ratio Lower Upper
 43 100
 58 34.0 25.6 76.8





#62

4-Bromofluorobenzene

Concen: 44.862 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019

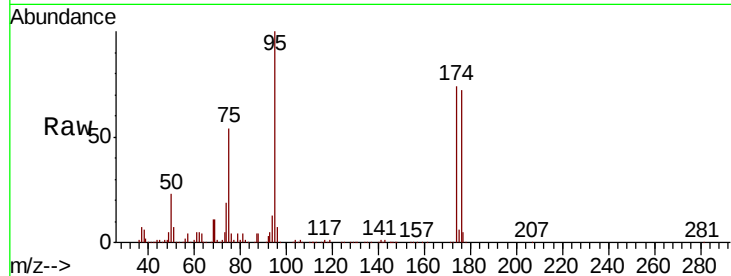
Tgt Ion: 95 Resp: 292966

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

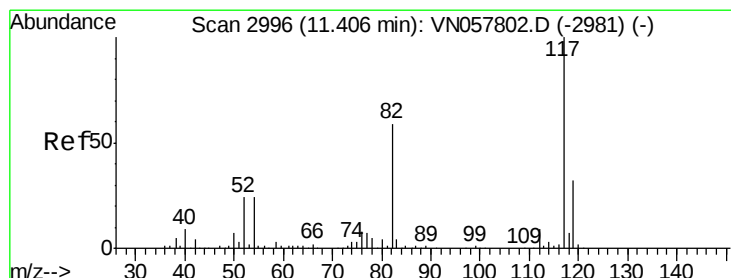
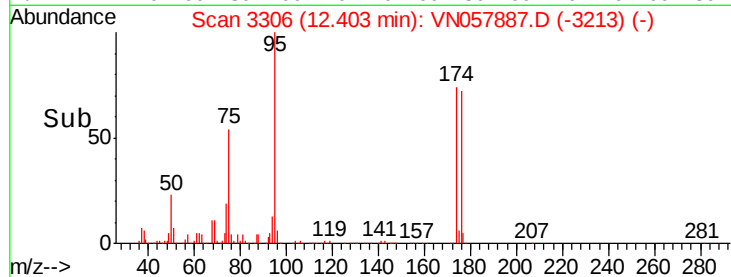
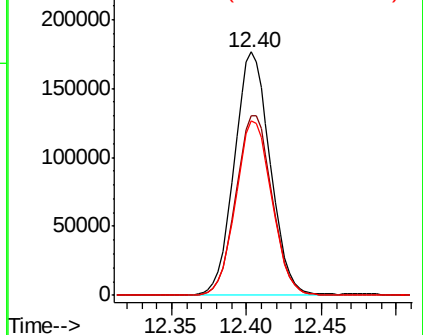
176 72.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057887.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057887.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057887.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

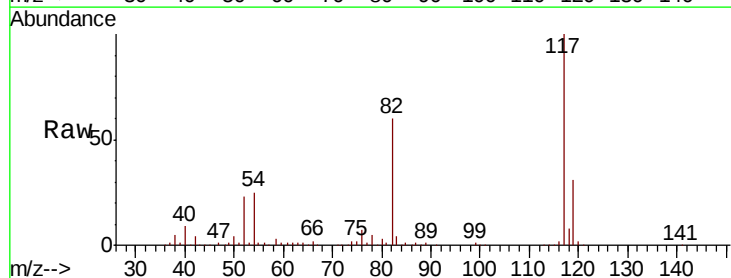
Tgt Ion: 117 Resp: 440056

Ion Ratio Lower Upper

117 100

82 60.0 47.2 70.8

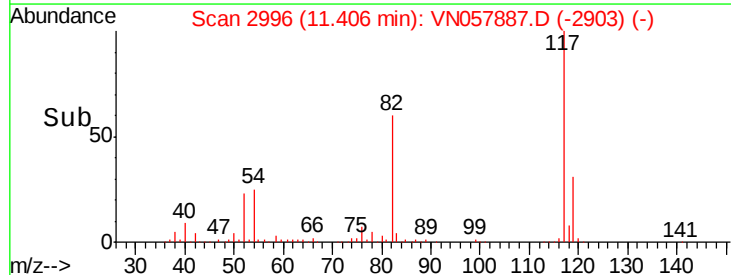
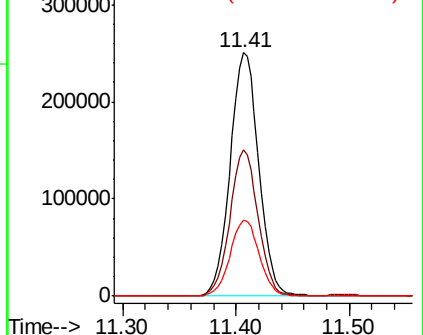
119 31.2 25.3 37.9

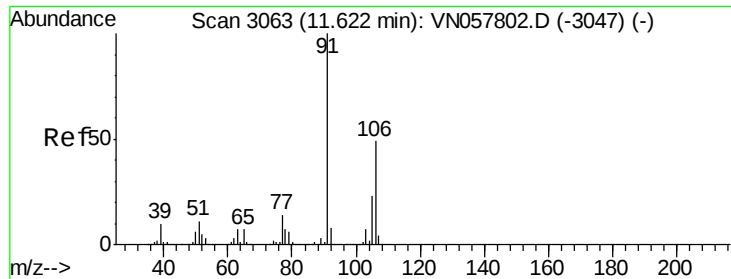


Abundance Ion 116.90 (116.60 to 117.60): VN057887.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057887.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057887.D (-2903) (-)

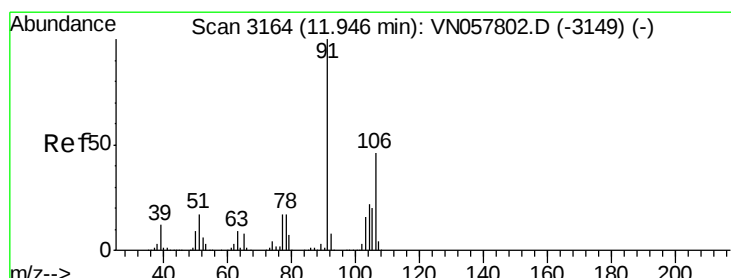
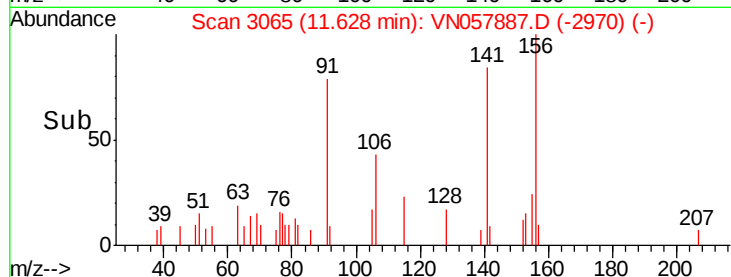
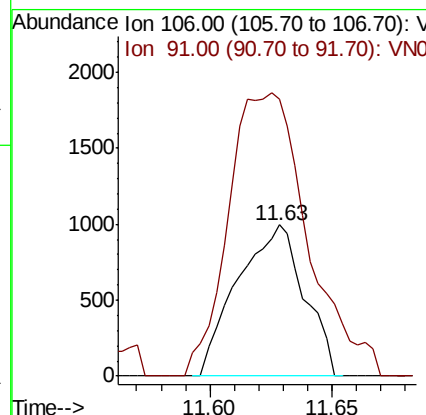
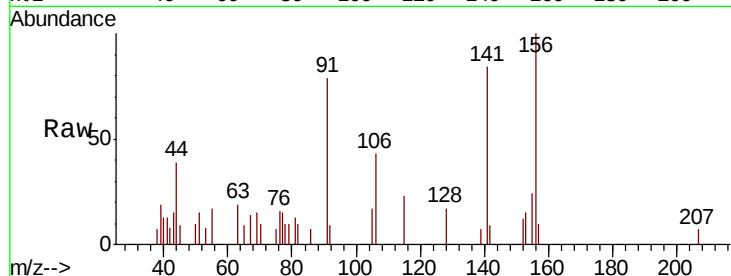




#68
m/p-Xylenes
Concen: 0.256 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

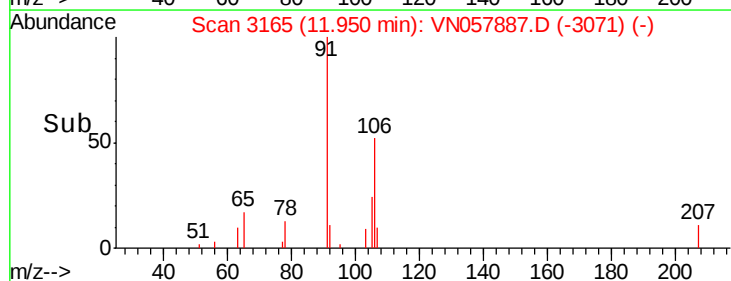
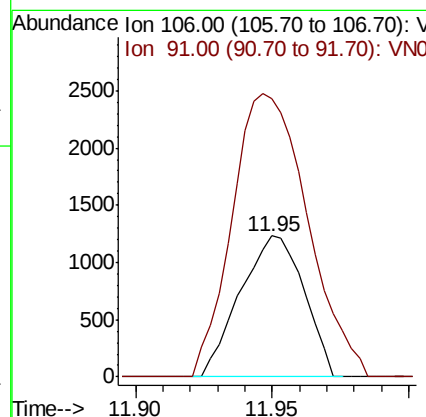
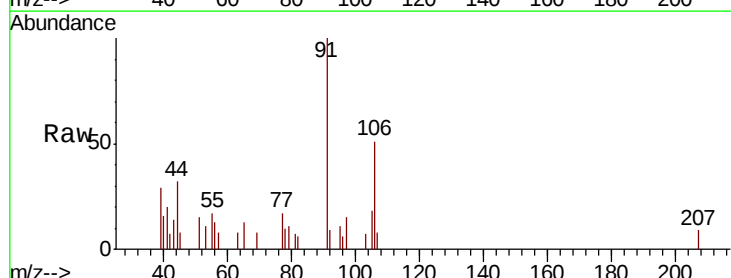
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

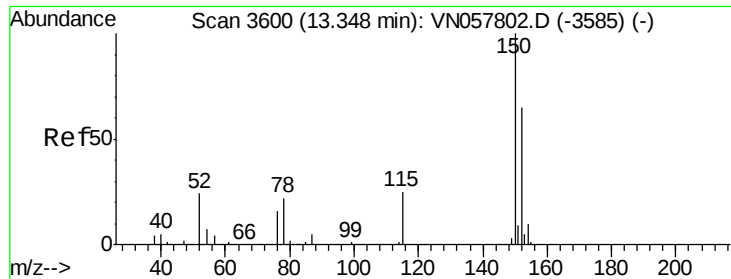
Tgt Ion:106 Resp: 1889
Ion Ratio Lower Upper
106 100
91 222.7 165.8 248.6



#69
o-Xylene
Concen: 0.272 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion:106 Resp: 1998
Ion Ratio Lower Upper
106 100
91 237.4 108.7 326.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019

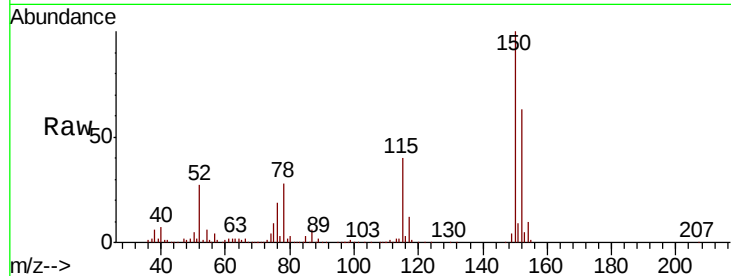
Tgt Ion:152 Resp: 239615

Ion Ratio Lower Upper

152 100

115 62.1 30.3 91.0

150 158.4 0.0 352.4

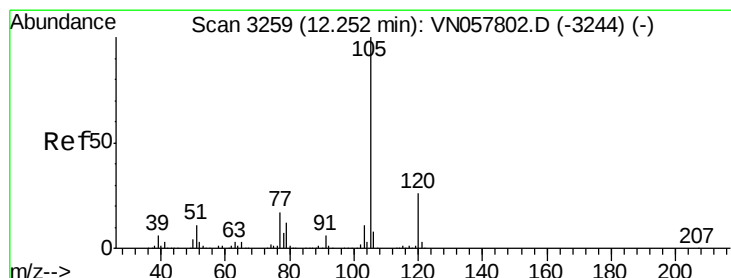
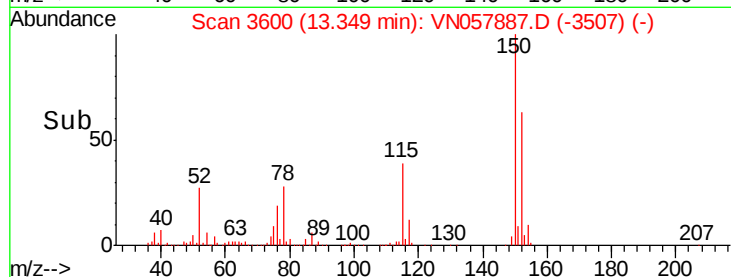
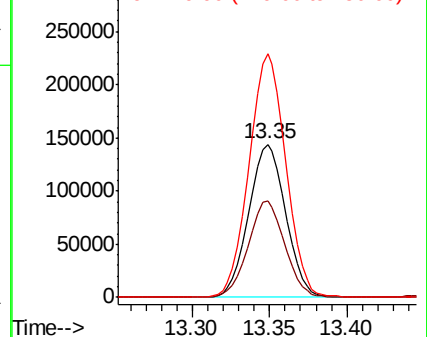


Abundance

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: 3.685 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057887.D

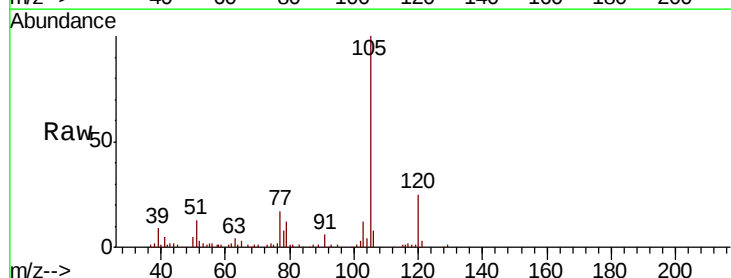
Acq: 11 Sep 2019 00:23

Tgt Ion:105 Resp: 68525

Ion Ratio Lower Upper

105 100

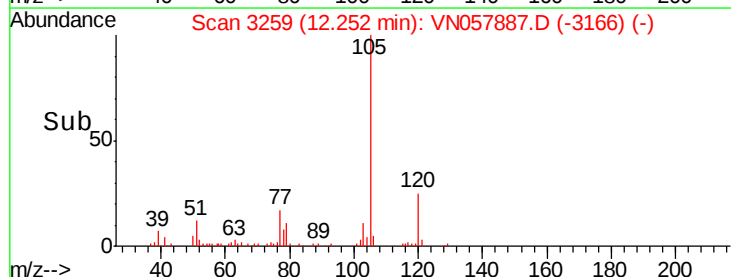
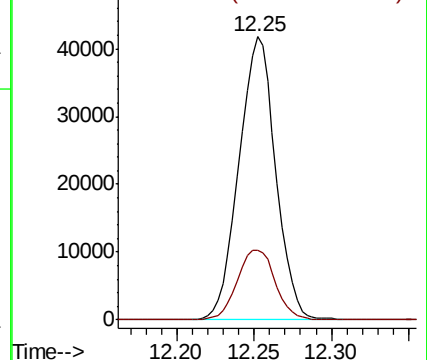
120 25.6 12.8 38.4

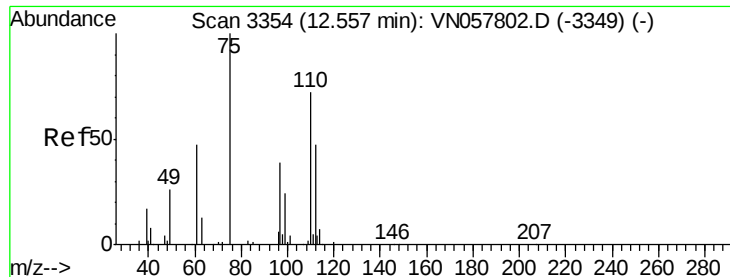


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 29.690 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

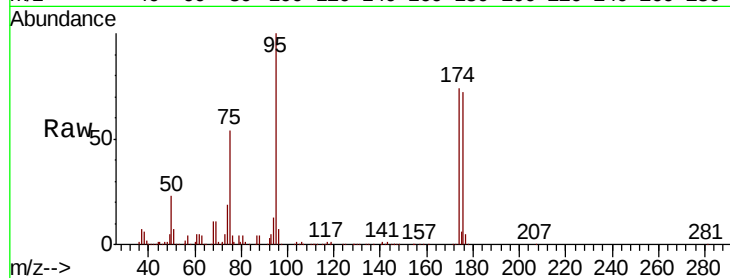
T11-MW-13-8.0-091019

Tgt Ion: 75 Resp: 160934

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN057802.D (-3349) (-)

12.40

100000

80000

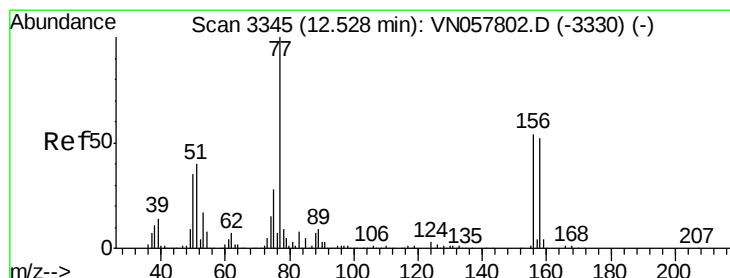
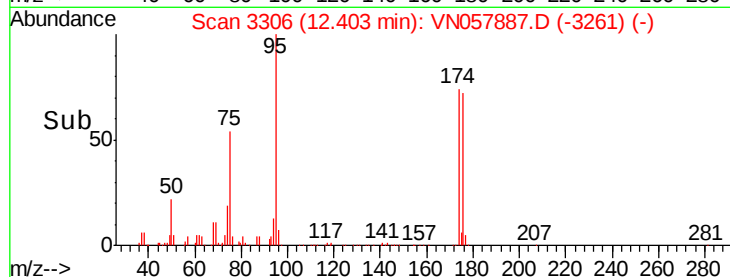
60000

40000

20000

0

Time-->



#77

Bromobenzene

Concen: 0.587 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.06 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

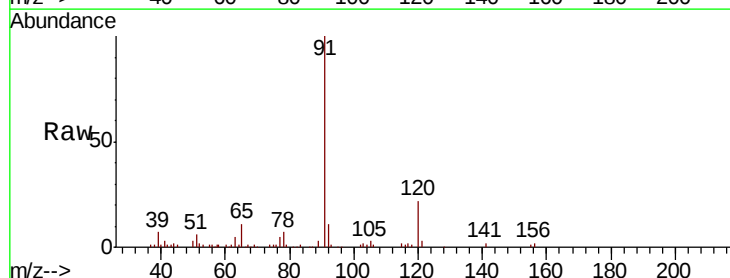
Tgt Ion: 156 Resp: 2722

Ion Ratio Lower Upper

156 100

77 160.3 113.7 341.1

158 0.0 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): VN057802.D (-3330) (-)

Ion 77.00 (76.70 to 77.70): VN057802.D (-3330) (-)

Ion 157.80 (157.50 to 158.50): VN057802.D (-3330) (-)

4000

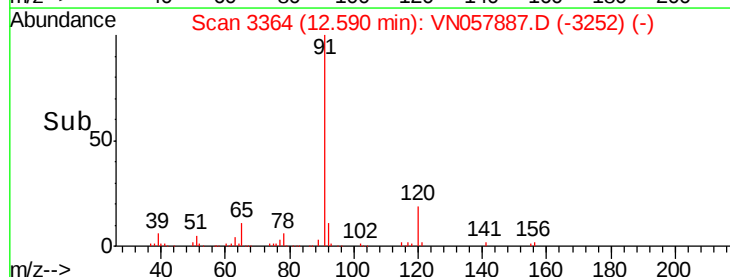
3000

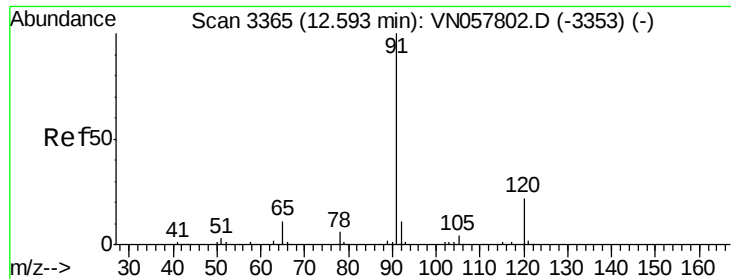
2000

1000

0

Time-->

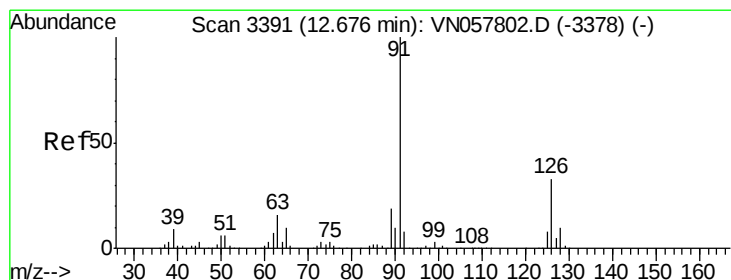
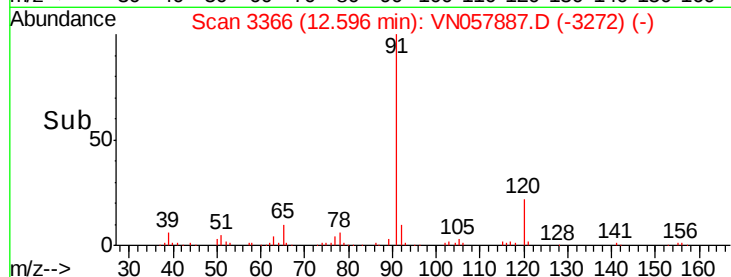
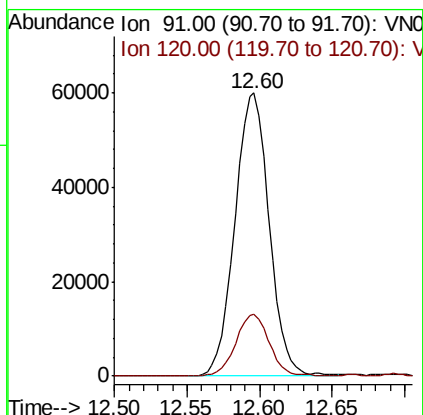
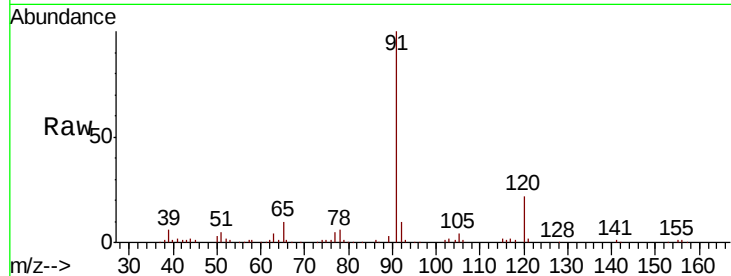




#78
n-propylbenzene
Concen: 4.612 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

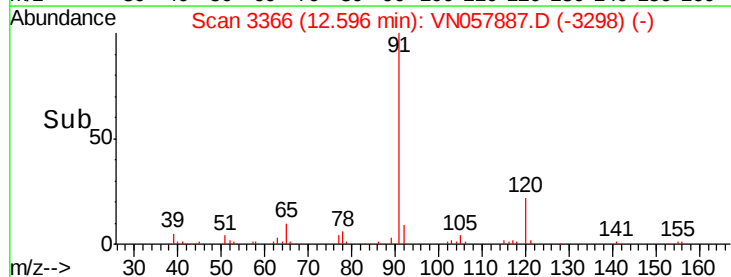
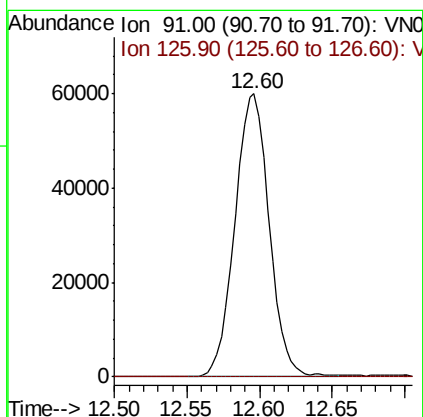
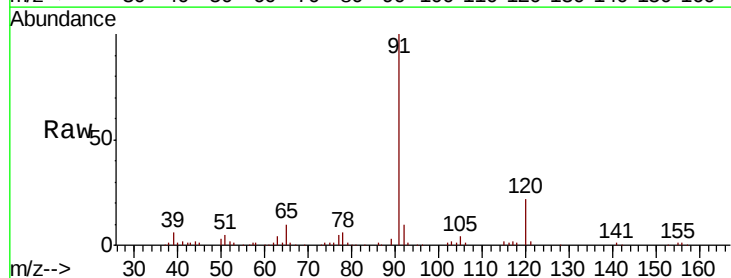
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

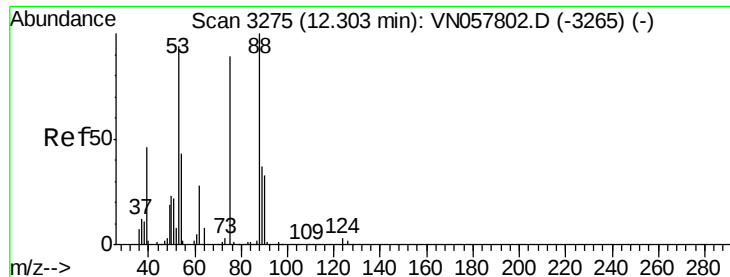
Tgt Ion: 91 Resp: 98472
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.1



#79
2-Chlorotoluene
Concen: 7.297 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. -0.08 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 91 Resp: 98472
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 104.479 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019

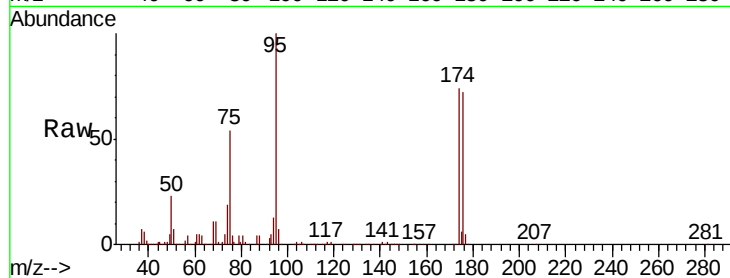
Tgt Ion: 75 Resp: 160934

Ion Ratio Lower Upper

75 100

53 0.2 88.4 132.6#

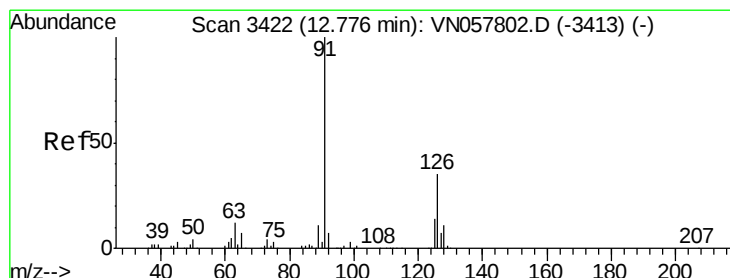
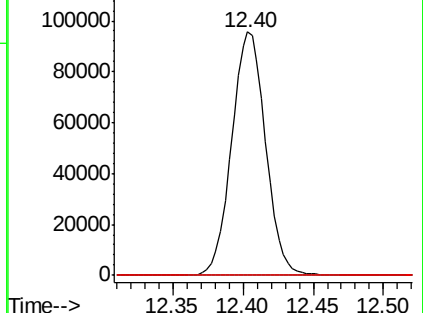
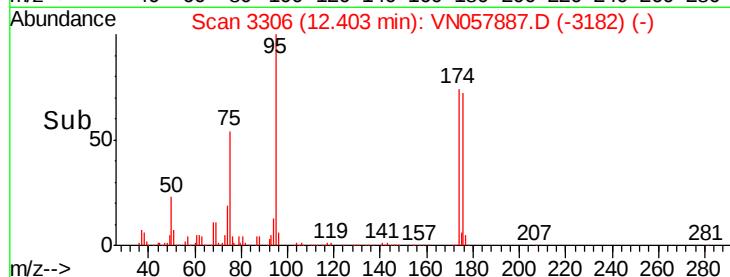
89 0.0 35.3 52.9#



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: 7.106 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.18 min

Lab File: VN057887.D

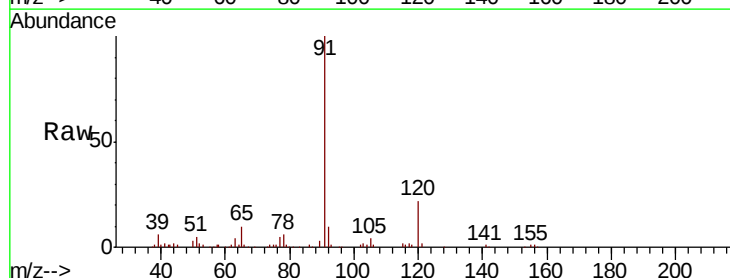
Acq: 11 Sep 2019 00:23

Tgt Ion: 91 Resp: 98472

Ion Ratio Lower Upper

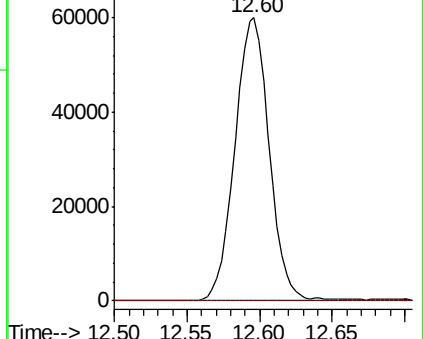
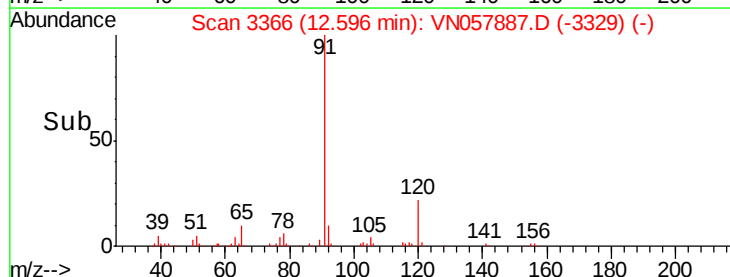
91 100

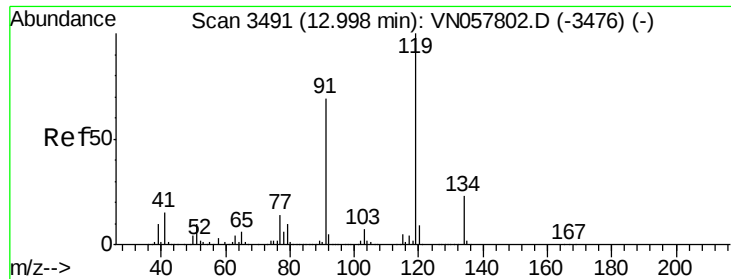
126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

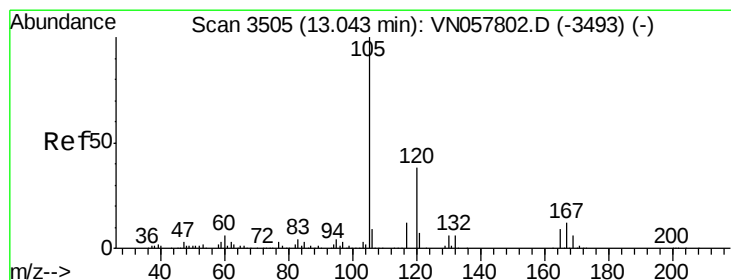
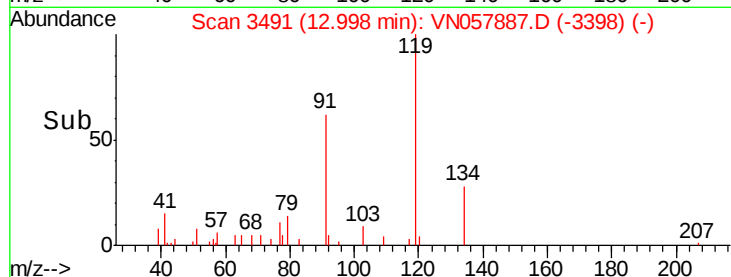
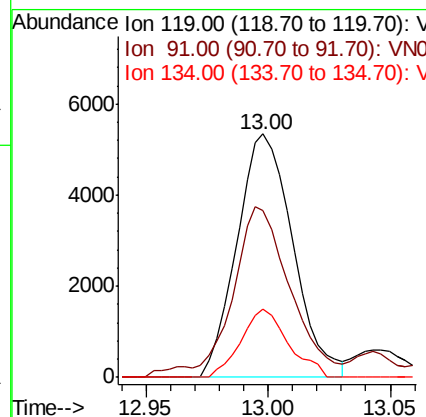
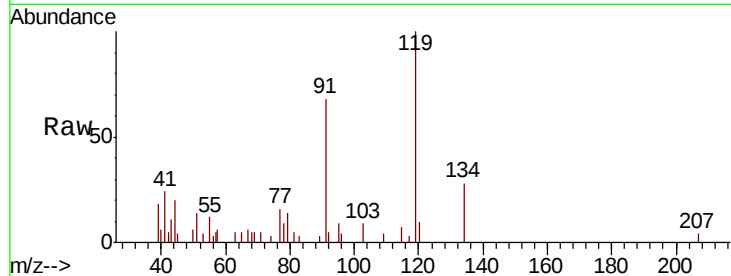




#83
 tert-Butylbenzene
 Concen: 0.609 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

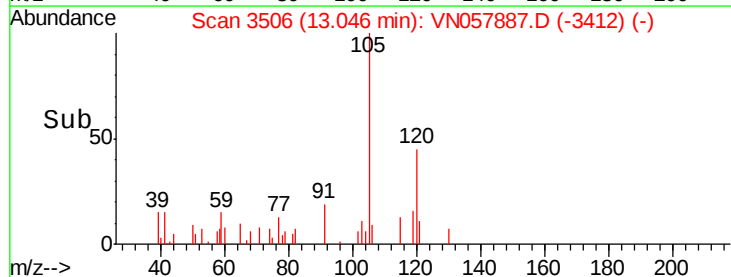
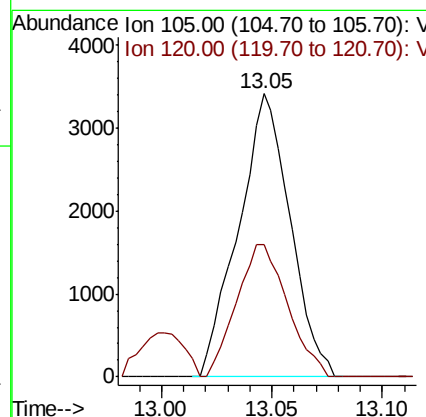
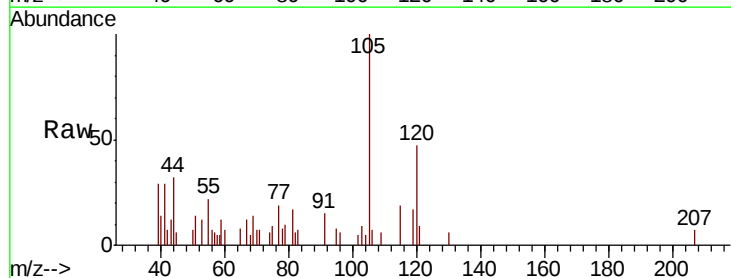
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

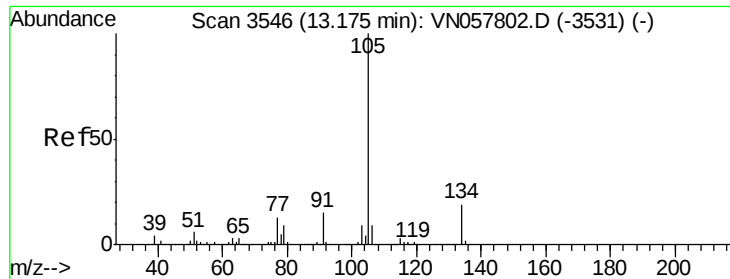
Tgt Ion:119 Resp: 8507
 Ion Ratio Lower Upper
 119 100
 91 73.2 33.6 100.8
 134 23.7 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.346 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion:105 Resp: 5523
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.2

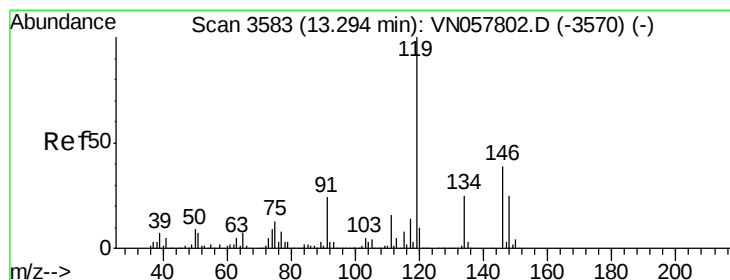
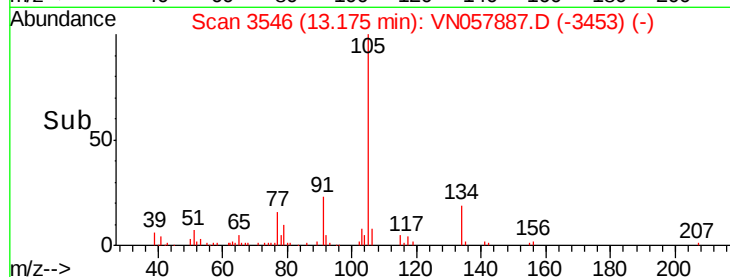
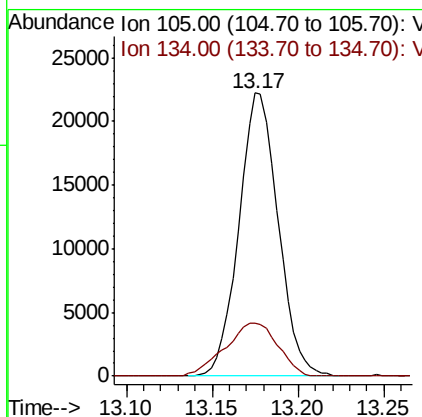
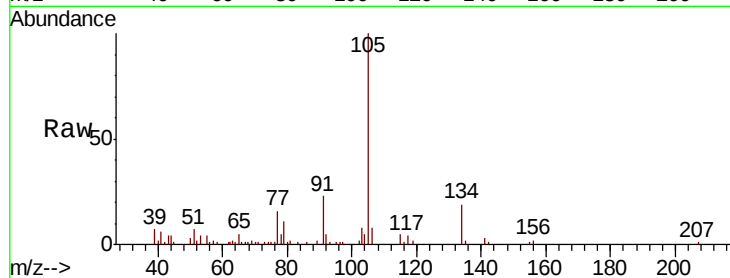




#85
 sec-Butylbenzene
 Concen: 1.902 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

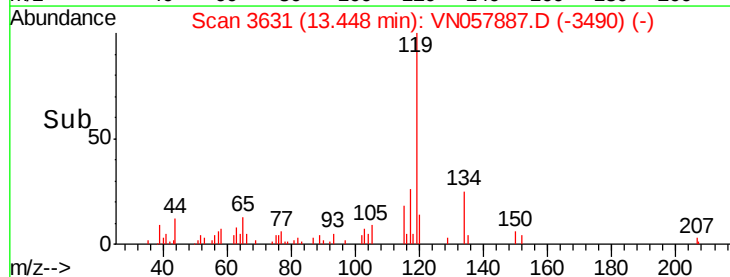
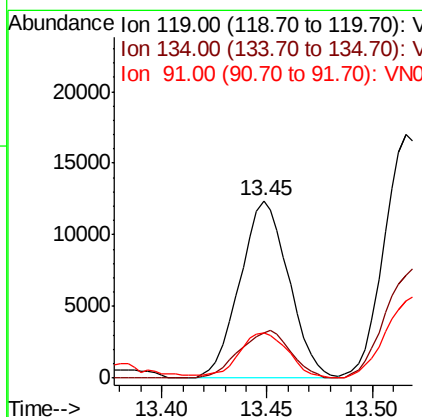
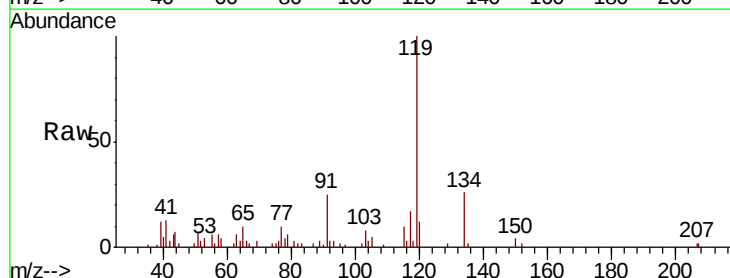
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

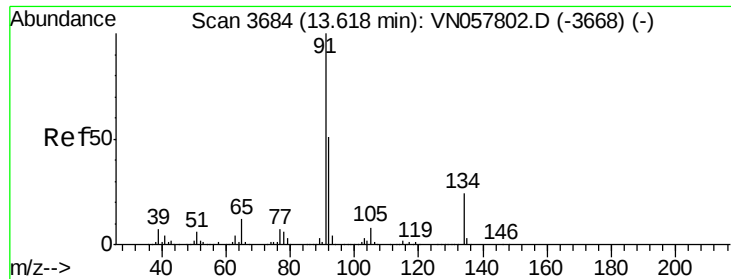
Tgt Ion:105 Resp: 35207
 Ion Ratio Lower Upper
 105 100
 134 25.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 1.221 ug/l
 RT: 13.45 min Scan# 3631
 Delta R.T. 0.15 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion:119 Resp: 19913
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.5 37.5
 91 26.0 12.3 36.8





#89

n-Butylbenzene

Concen: 0.665 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019

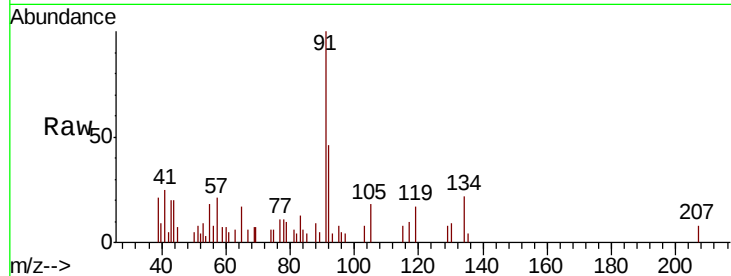
Tgt Ion: 91 Resp: 10240

Ion Ratio Lower Upper

91 100

92 39.3 25.7 77.0

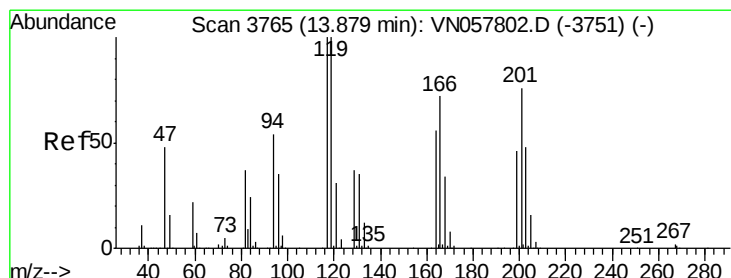
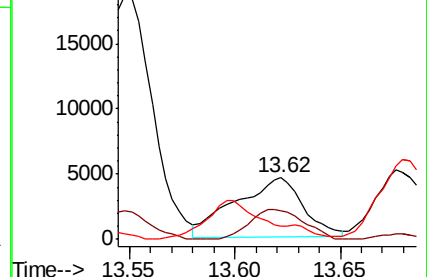
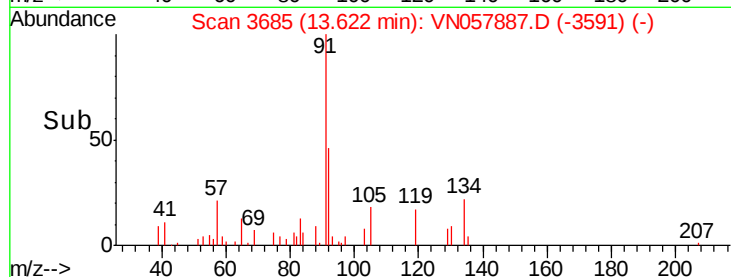
134 0.0 11.9 35.7#



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)



#90

Hexachloroethane

Concen: 5.160 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN057887.D

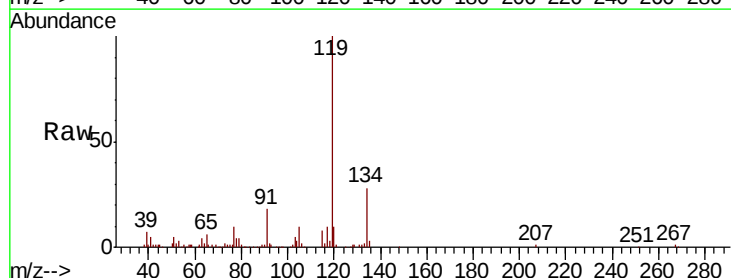
Acq: 11 Sep 2019 00:23

Tgt Ion: 117 Resp: 12516

Ion Ratio Lower Upper

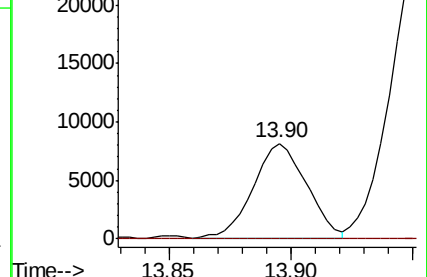
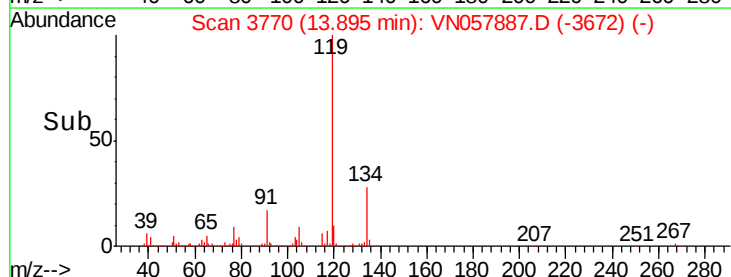
117 100

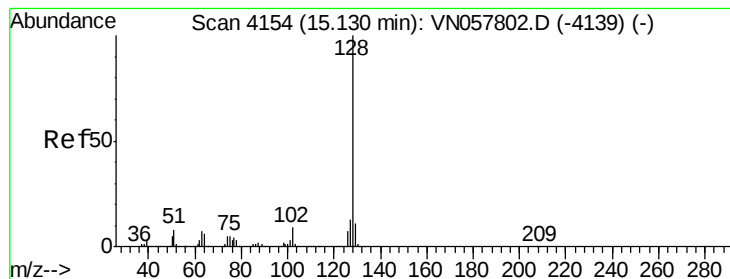
201 0.0 37.5 112.7#



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)





#95

Naphthalene

Concen: 3.232 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057887.D

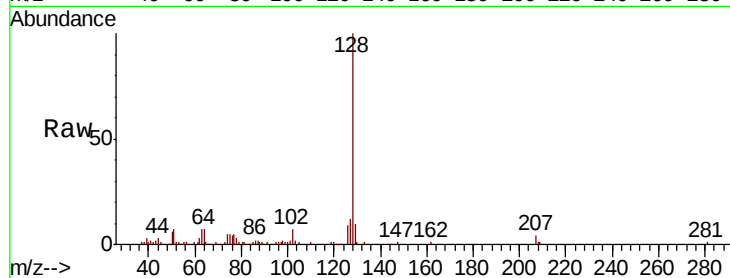
Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019



Tgt Ion:128 Resp: 65956

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.2 8.6 12.8

