

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057889.D
 Acq On : 11 Sep 2019 1:07
 Operator : JC/SP
 Sample : K4818-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-9-9.0-091019

Quant Time: Sep 11 04:00:57 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	274972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	474423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	248806	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	305028	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.58	113	208698	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.09	98	832833	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.40	95	283522	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

Target Compounds					Qvalue	
3) Chloromethane	2.03	50	1339	0.345	ug/l #	88
5) Bromomethane	2.49	94	30	Below Cal	#	2
11) Tert butyl alcohol	4.76	59	1497	2.221	ug/l #	72
16) Acetone	3.81	43	24172	13.240	ug/l	92
17) Carbon Disulfide	4.03	76	4429	1.127	ug/l #	87
18) Methyl Acetate	4.29	43	1059	0.218	ug/l	96
19) Methyl tert-butyl Ether	5.02	73	63148	5.182	ug/l	100
20) Methylene Chloride	4.53	84	146	Below Cal	#	4
25) 2-Butanone	6.84	43	1706	0.646	ug/l #	49
31) Cyclohexane	7.65	56	9397	Below Cal	#	33
36) 1,1-Dichloropropene	7.65	75	24315	4.419	ug/l #	49
38) Carbon Tetrachloride	7.65	117	28387	5.651	ug/l #	16
39) Methylcyclohexane	9.07	83	5728	0.990	ug/l #	82
40) Benzene	8.03	78	11721	0.708	ug/l	100
43) Isopropyl Acetate	8.24	43	22068	2.308	ug/l #	56
48) Methyl methacrylate	9.15	41	2000	0.412	ug/l #	37
51) 4-Methyl-2-Pentanone	9.98	43	4458	0.788	ug/l	94
52) Toluene	10.15	92	12885	1.235	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	1399	0.317	ug/l #	14
67) Ethyl Benzene	11.51	91	15381	0.775	ug/l	98
68) m/p-Xylenes	11.62	106	15850	2.179	ug/l	99
69) o-Xylene	11.95	106	10302	1.425	ug/l	93
73) Isopropylbenzene	12.25	105	90844	4.705	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	158970	28.244	ug/l #	100
78) n-propylbenzene	12.60	91	169272	7.635	ug/l	98
79) 2-Chlorotoluene	12.60	91	169272	12.080	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.74	105	21920	1.344	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	158970	99.392	ug/l #	6
82) 4-Chlorotoluene	12.60	91	169272	11.764	ug/l #	43
83) tert-Butylbenzene	13.00	119	8950	0.617	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	99488	6.001	ug/l	100
85) sec-Butylbenzene	13.18	105	65111	3.388	ug/l	87
86) p-Isopropyltoluene	13.29	119	12117	0.716	ug/l	98
89) n-Butylbenzene	13.62	91	41694	2.607	ug/l #	76

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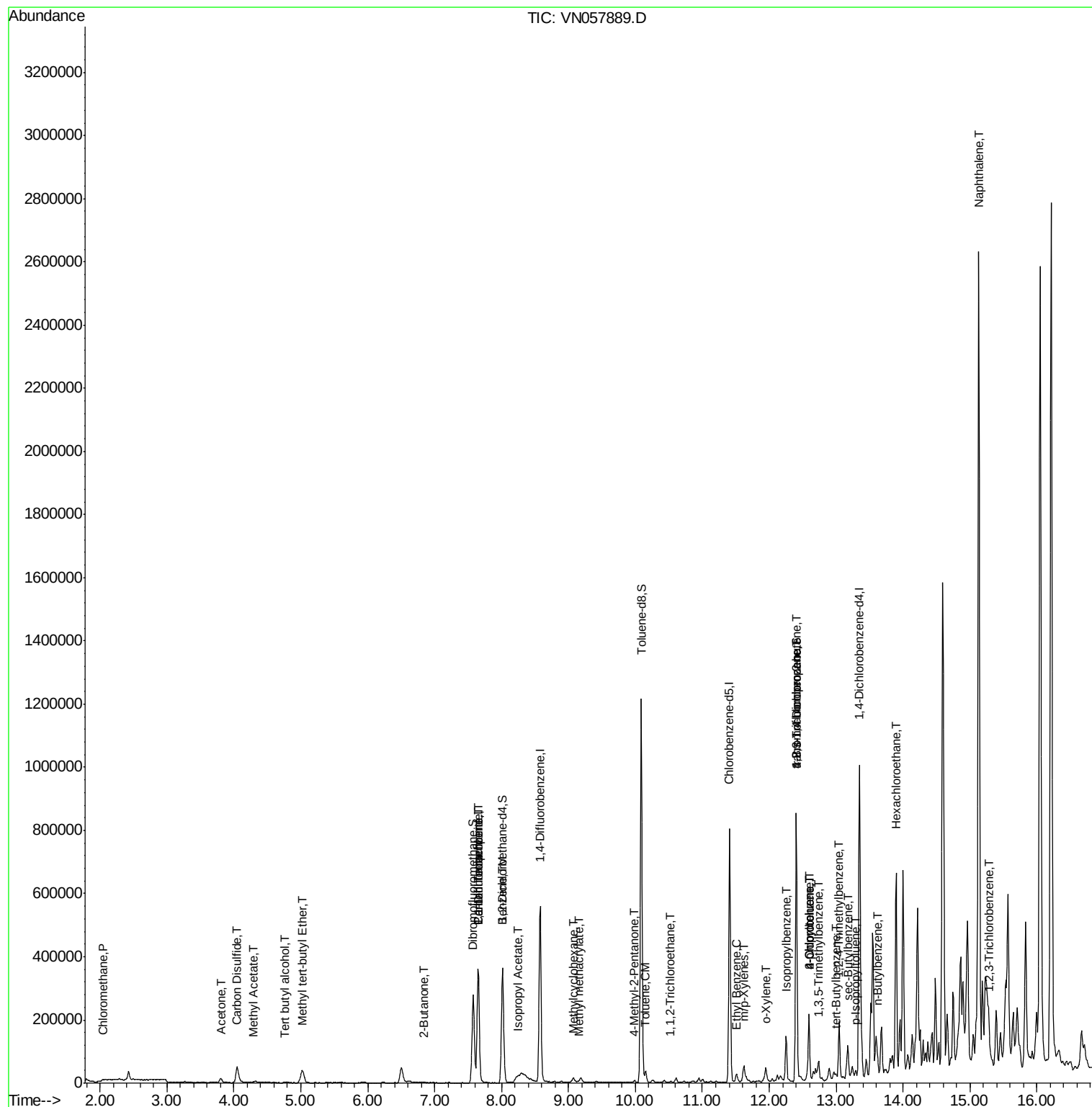
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	31304	12.430	ug/l #	12
95) Naphthalene	15.13	128	1979618	138.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	32	1.004	ug/l #	1

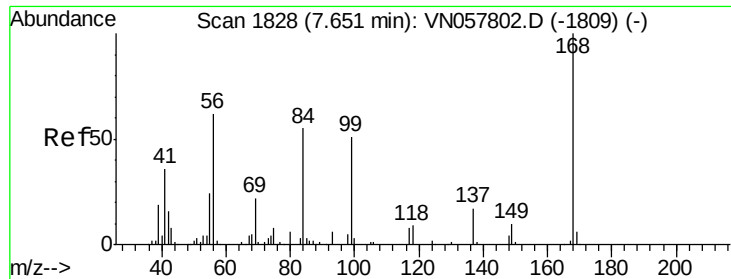
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

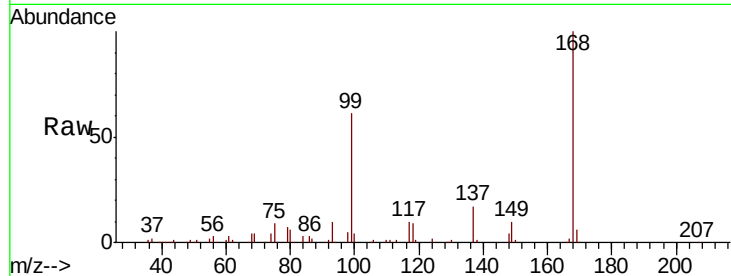
T11-MW-9-9.0-091019

Tgt Ion:168 Resp: 274972

Ion Ratio Lower Upper

168 100

99 61.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

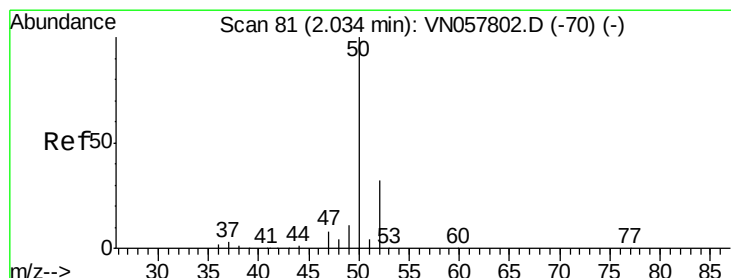
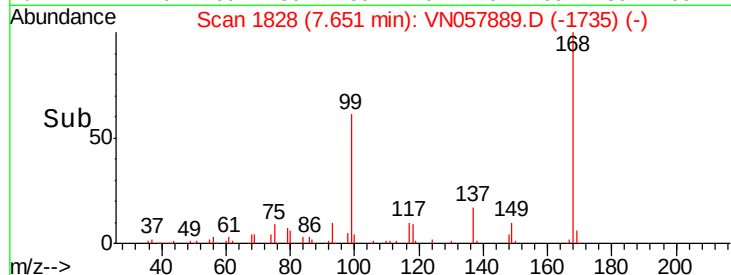
7.65

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.345 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057889.D

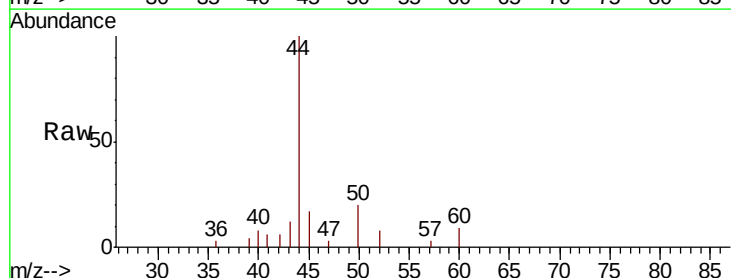
Acq: 11 Sep 2019 1:07

Tgt Ion: 50 Resp: 1339

Ion Ratio Lower Upper

50 100

52 38.3 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

1200

1000

800

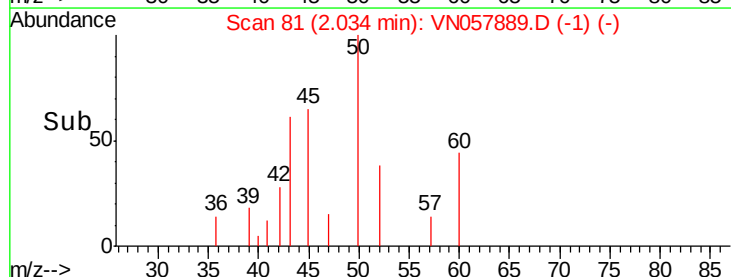
600

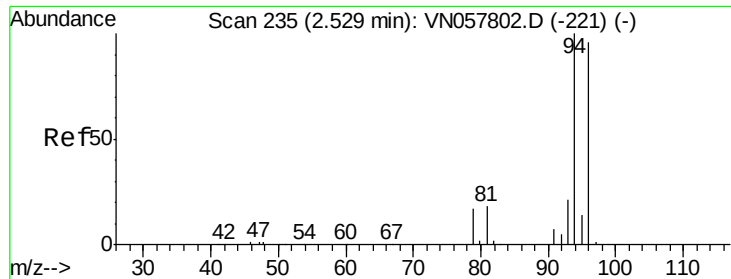
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.49 min Scan# 222

Delta R.T. -0.04 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

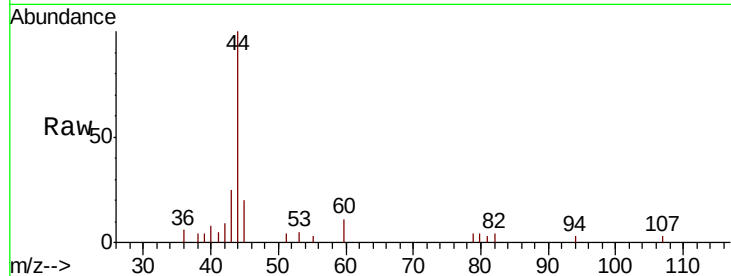
T11-MW-9-9.0-091019

Tgt Ion: 94 Resp: 30

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.49

150

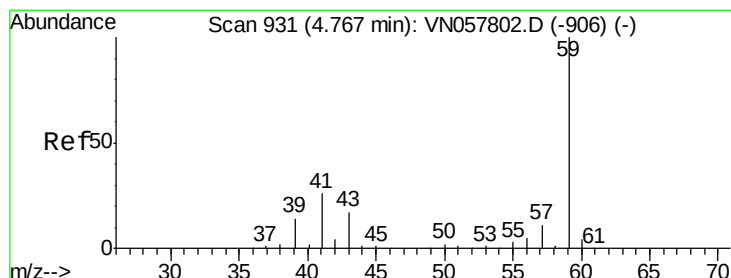
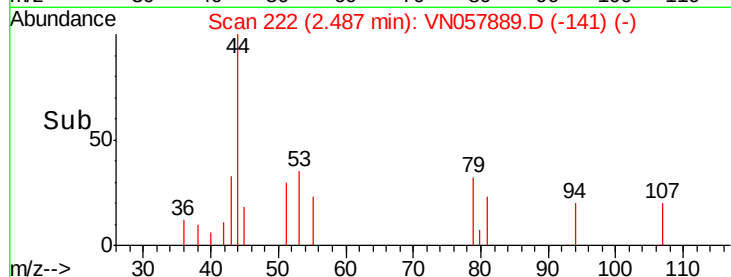
100

50

0

2.48 2.48 2.48 2.49 2.50

Time-->



#11

Tert butyl alcohol

Concen: 2.221 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.01 min

Lab File: VN057889.D

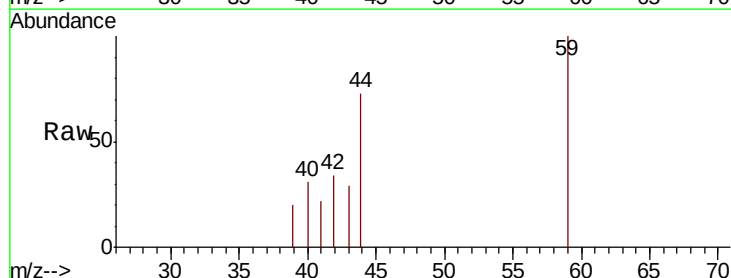
Acq: 11 Sep 2019 1:07

Tgt Ion: 59 Resp: 1497

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

1000

800

600

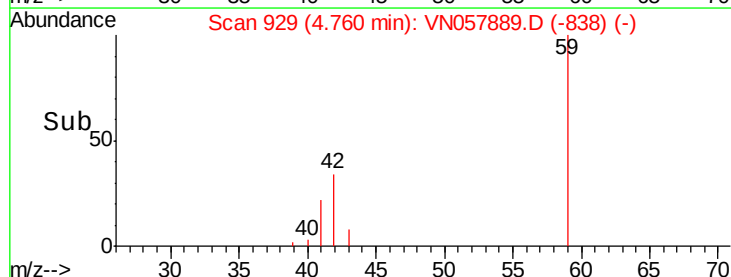
400

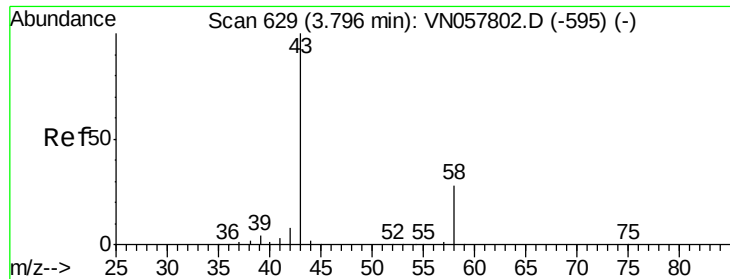
200

0

4.70 4.75 4.76 4.77 4.78

Time-->





#16

Acetone

Concen: 13.240 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

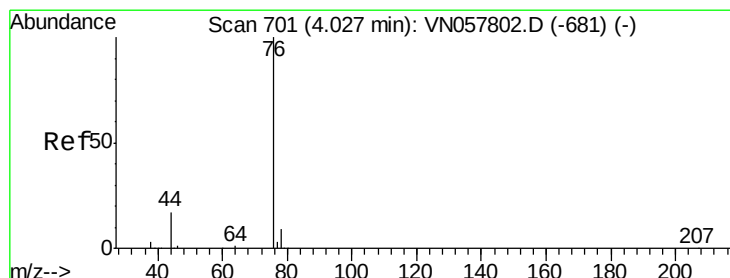
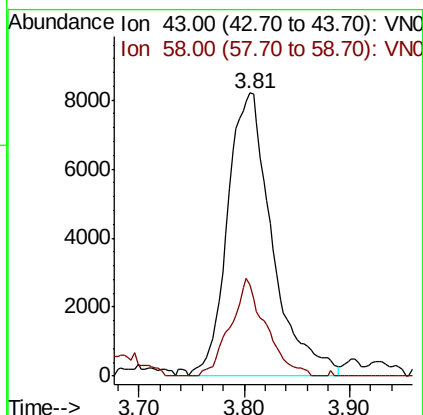
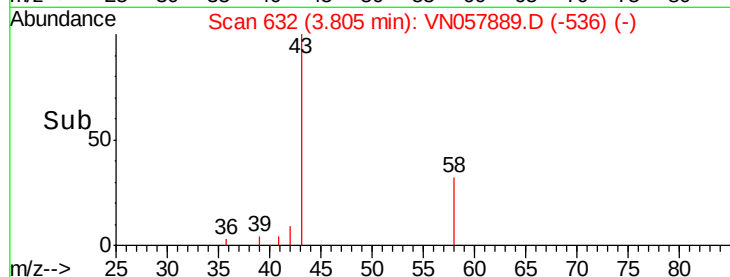
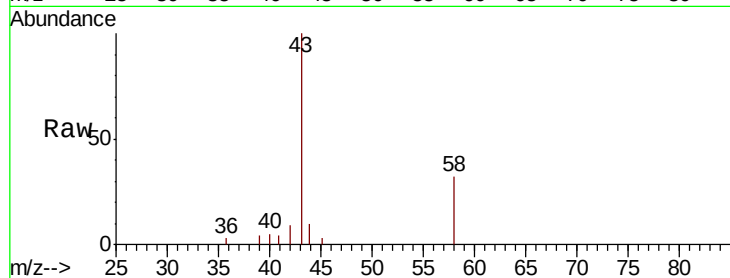
T11-MW-9-9.0-091019

Tgt Ion: 43 Resp: 24172

Ion Ratio Lower Upper

43 100

58 32.1 22.2 33.2



#17

Carbon Disulfide

Concen: 1.127 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN057889.D

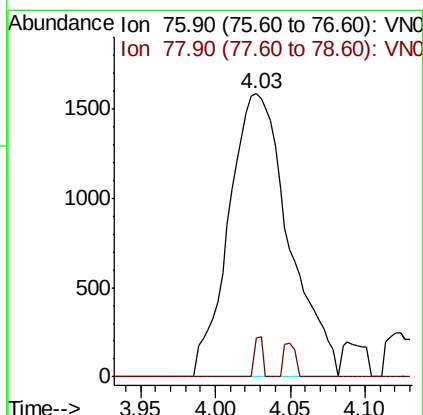
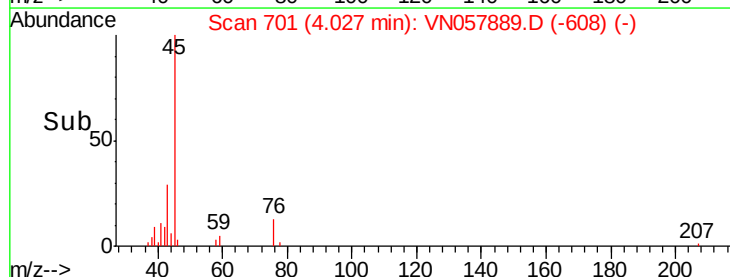
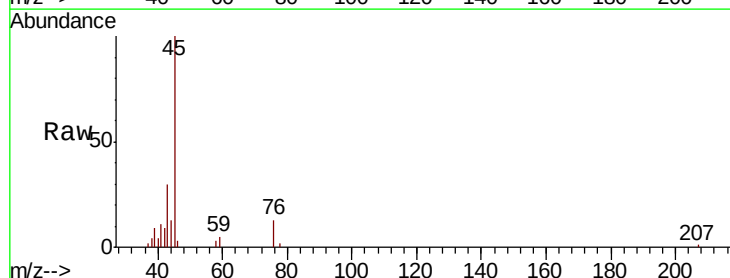
Acq: 11 Sep 2019 1:07

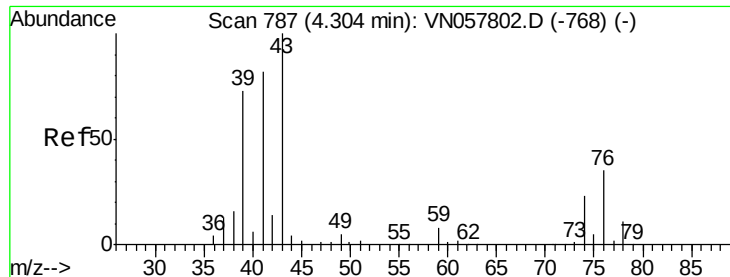
Tgt Ion: 76 Resp: 4429

Ion Ratio Lower Upper

76 100

78 13.6 7.1 10.7#

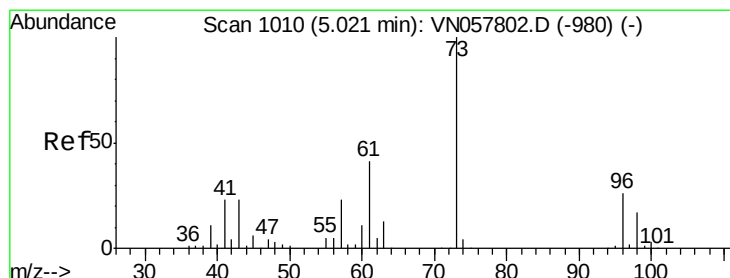
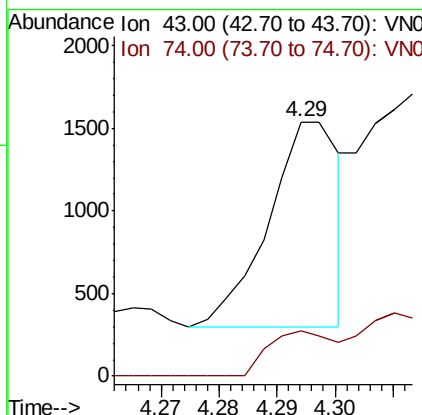
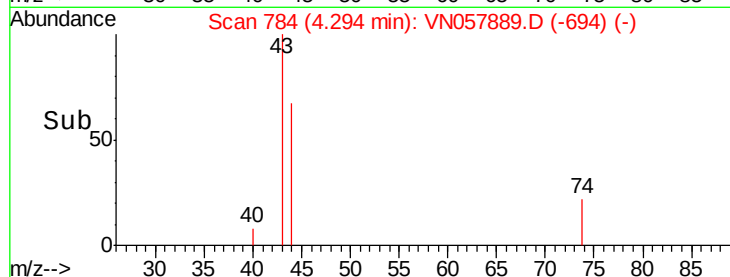
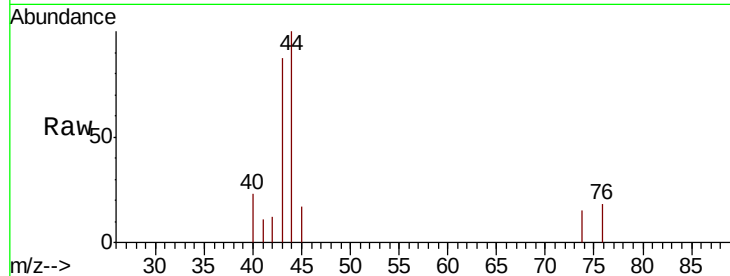




#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.01 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

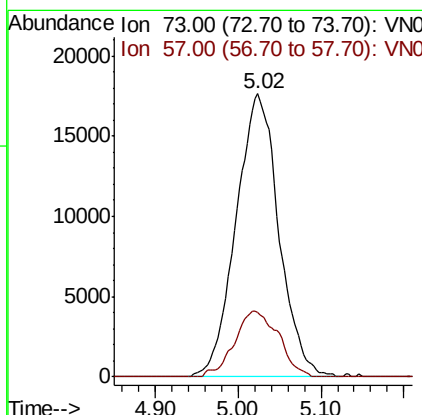
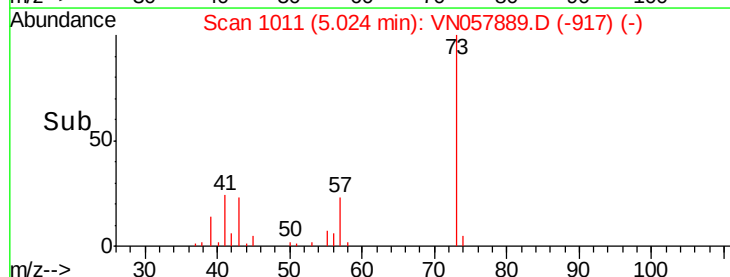
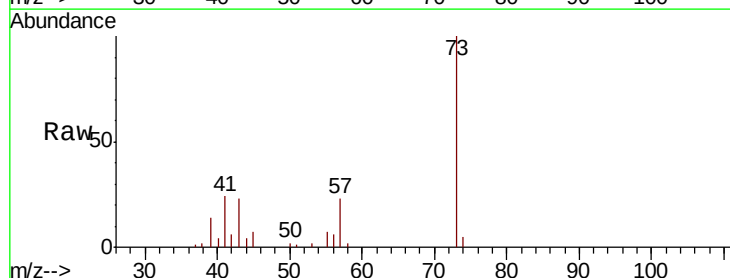
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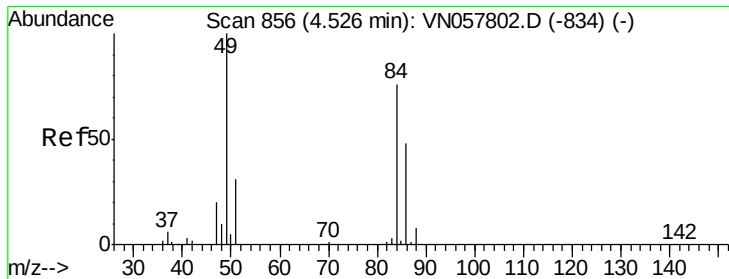
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
74 20.7 17.9 26.9



#19
Methyl tert-butyl Ether
Concen: 5.182 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 73 Resp: 63148
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

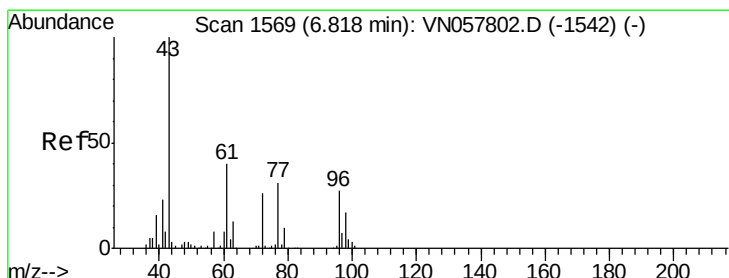
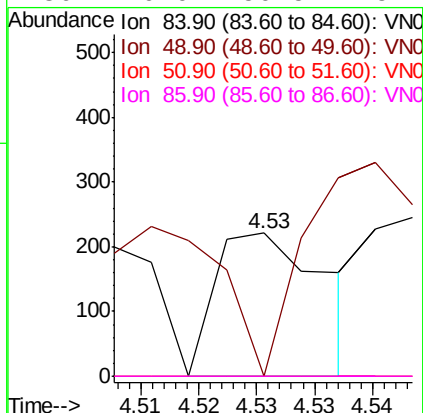
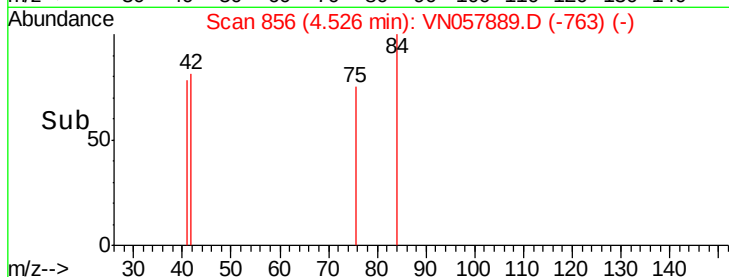
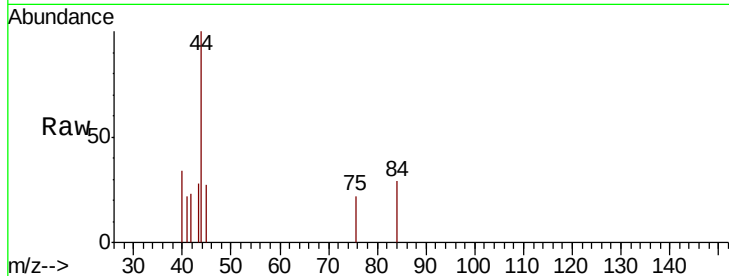




#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

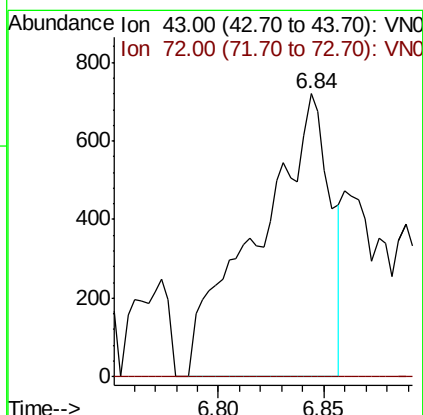
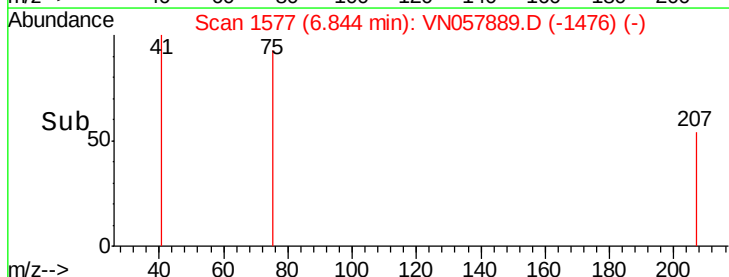
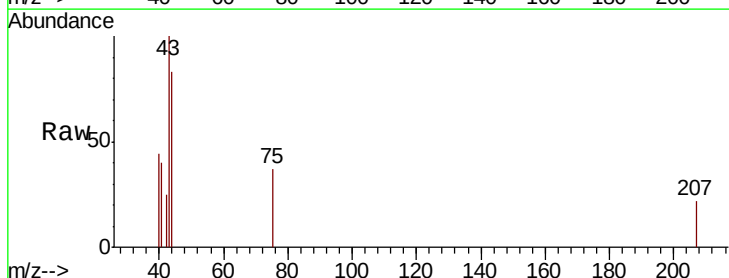
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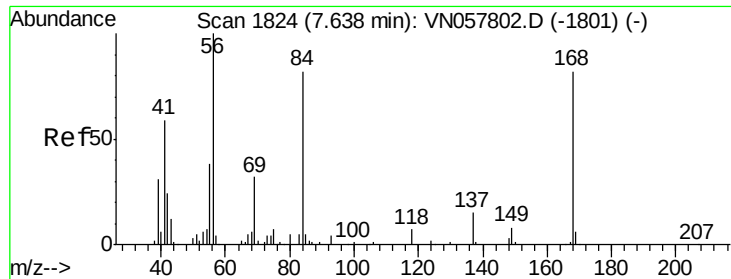
Tgt Ion: 84 Resp: 146
Ion Ratio Lower Upper
84 100
49 0.0 104.8 157.2#
51 0.0 33.0 49.4#
86 0.0 50.5 75.7#



#25
2-Butanone
Concen: 0.646 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.03 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
72 0.0 20.6 30.8#

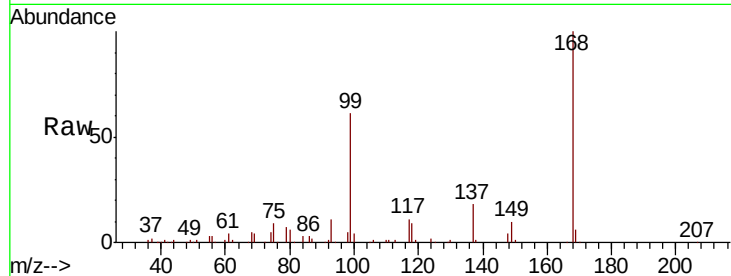




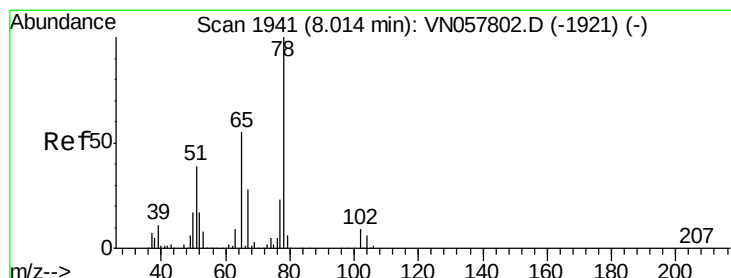
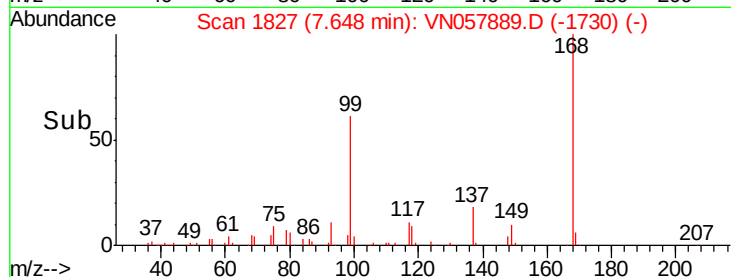
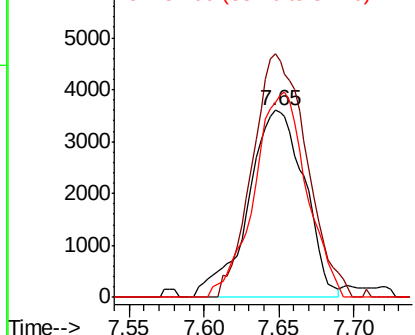
#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-9-9.0-091019

Tgt Ion: 56 Resp: 9397
Ion Ratio Lower Upper
56 100
69 130.1 25.9 38.9#
84 104.3 65.6 98.4#

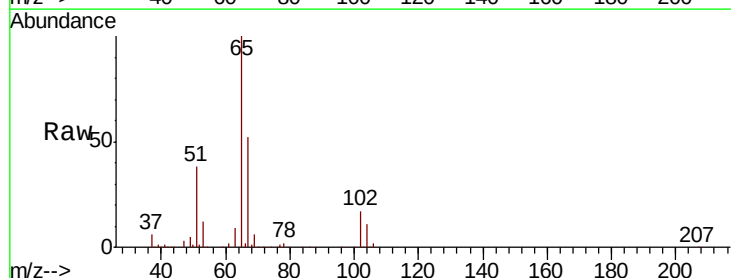


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

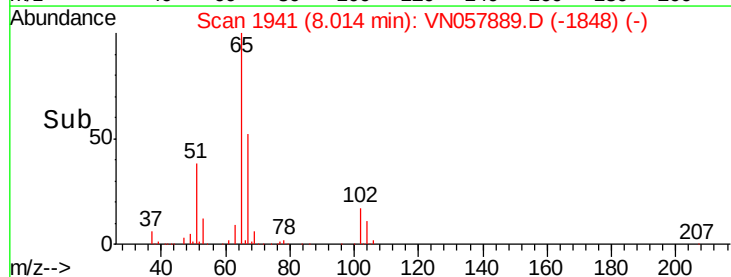
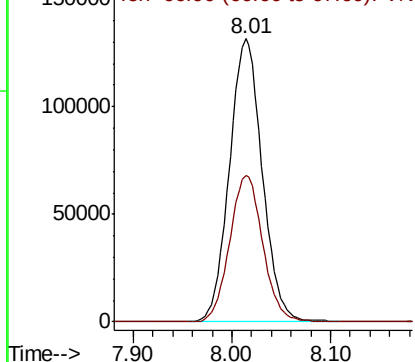


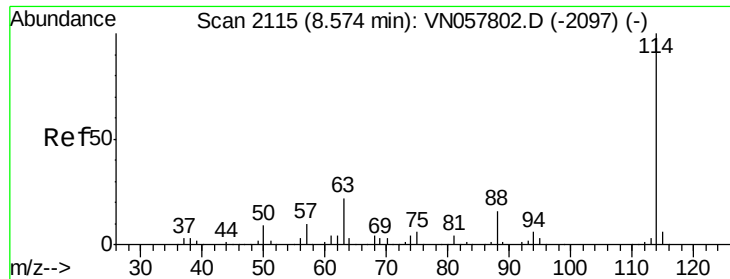
#33
1,2-Dichloroethane-d4
Concen: 54.769 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 65 Resp: 305028
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

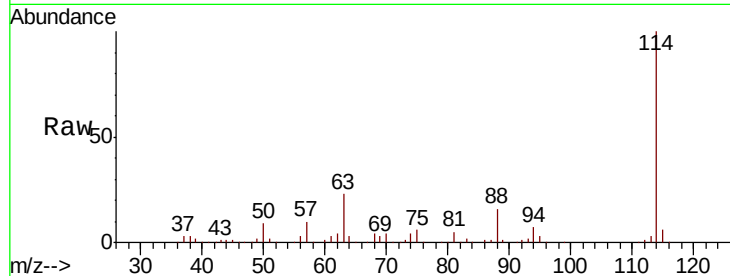




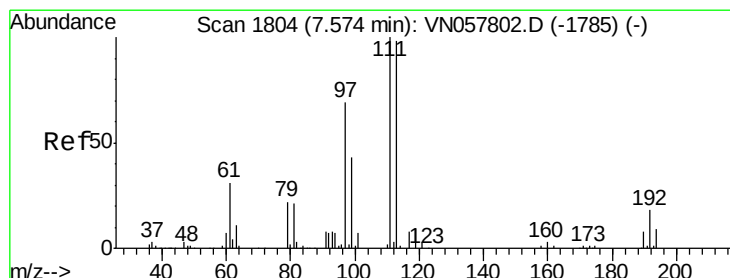
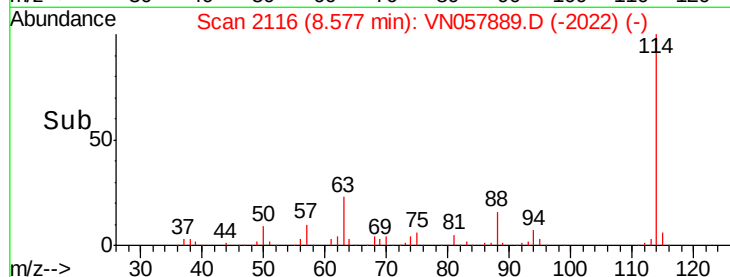
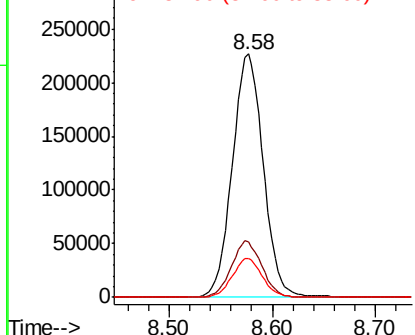
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-9-9.0-091019

Tgt Ion:114 Resp: 474423
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.0
 88 16.1 0.0 31.4

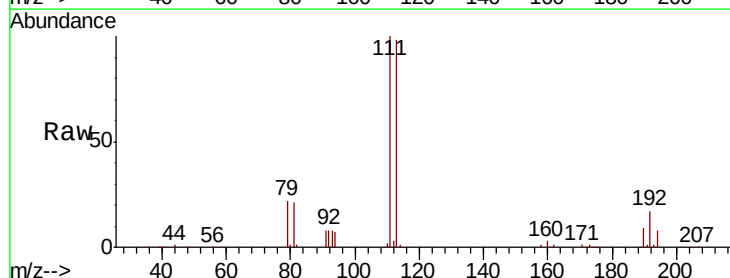


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

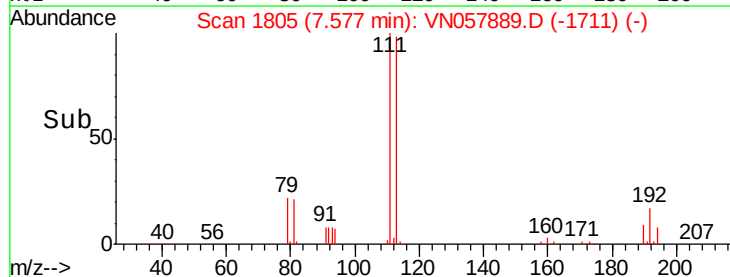
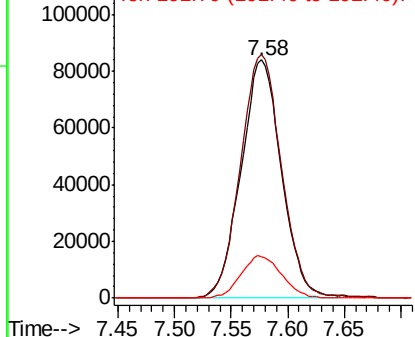


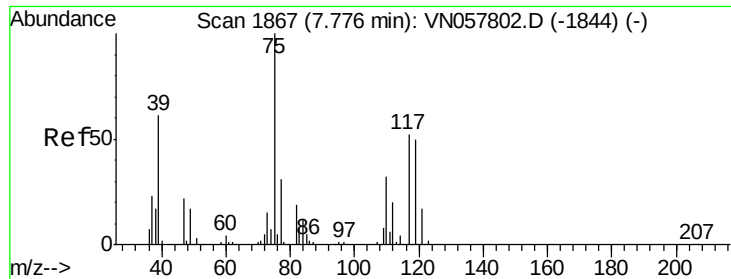
#35
 Dibromofluoromethane
 Concen: 47.662 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

Tgt Ion:113 Resp: 208698
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.3 121.9
 192 17.8 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

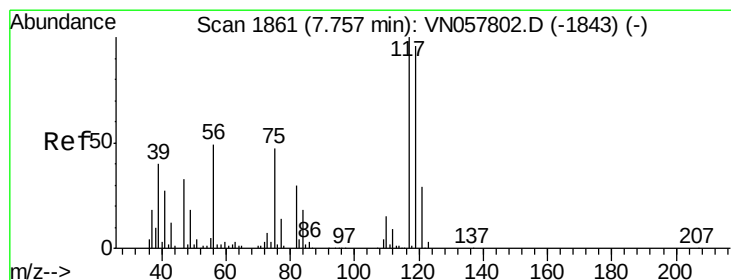
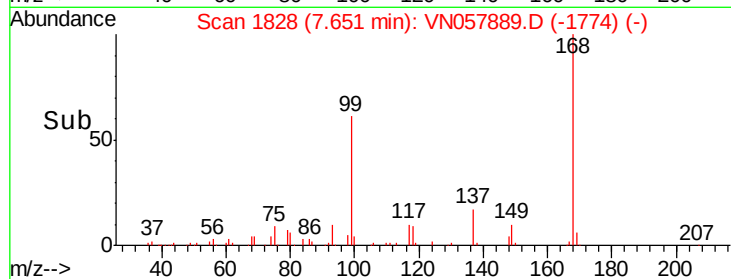
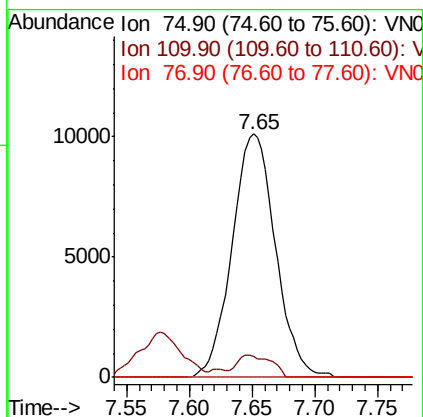
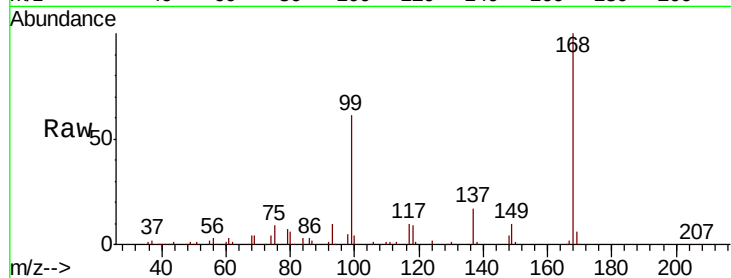




#36
 1,1-Dichloropropene
 Concen: 4.419 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

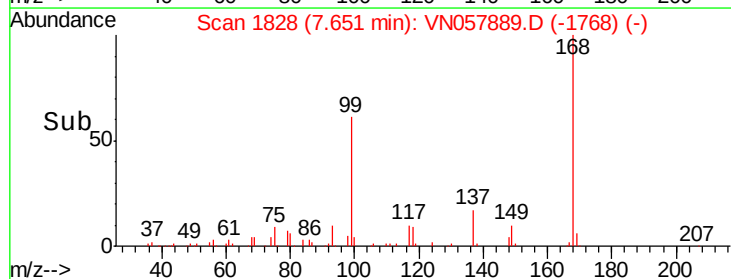
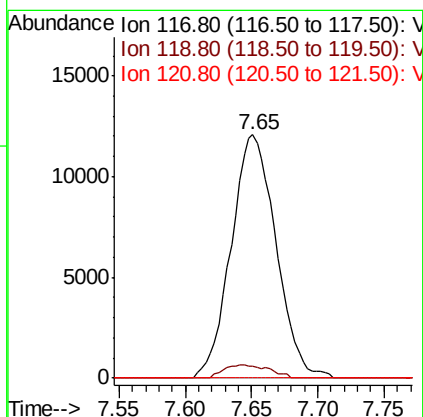
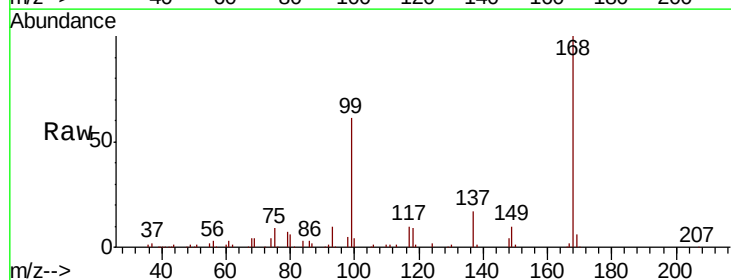
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-9-9.0-091019

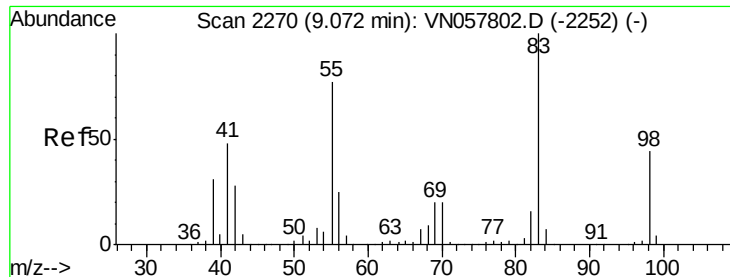
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.3	48.9#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.651 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.9	115.3#
121	0.0	23.4	35.2#

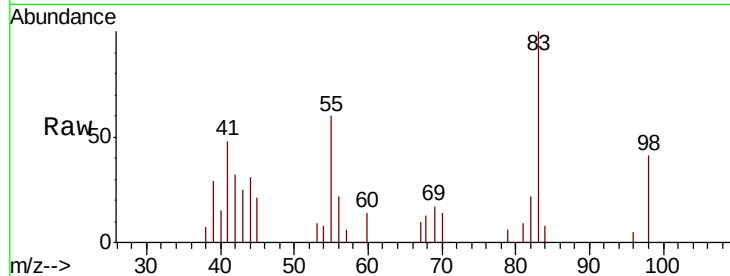




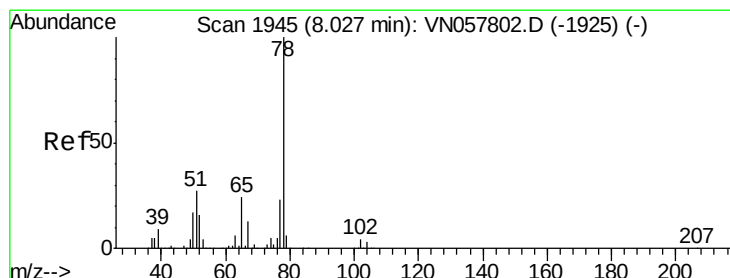
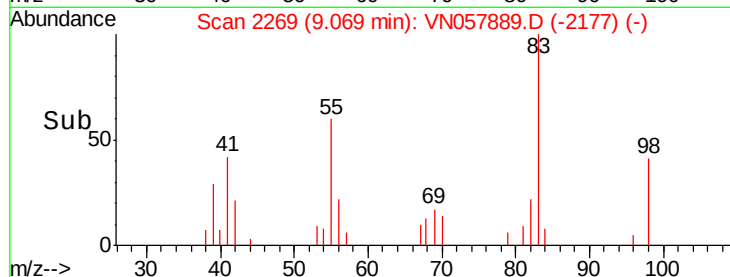
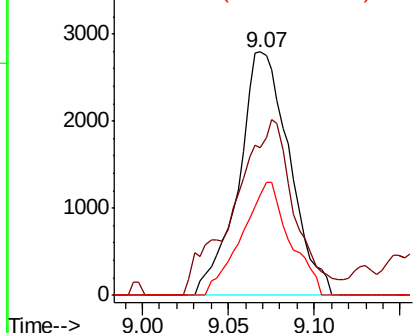
#39
Methylcyclohexane
Concen: 0.990 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-9-9.0-091019

Tgt Ion: 83 Resp: 5728
Ion Ratio Lower Upper
83 100
55 54.1 61.6 92.4#
98 41.4 34.9 52.3

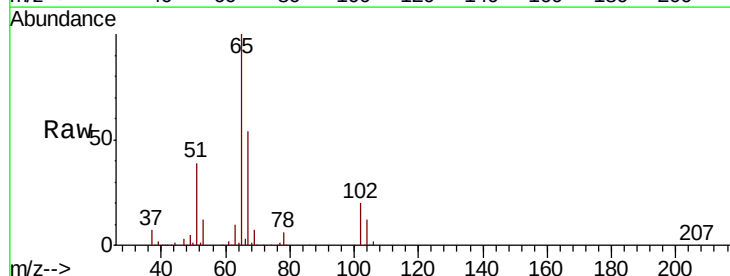


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

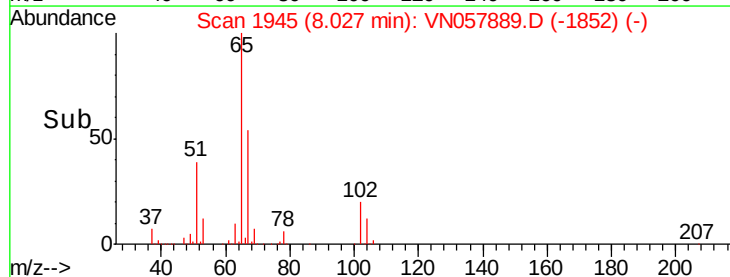
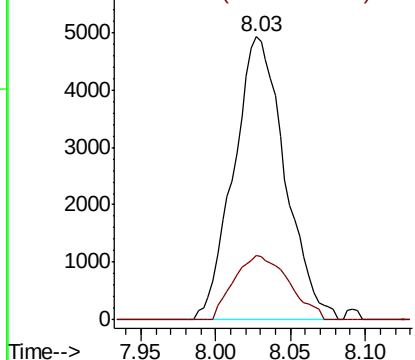


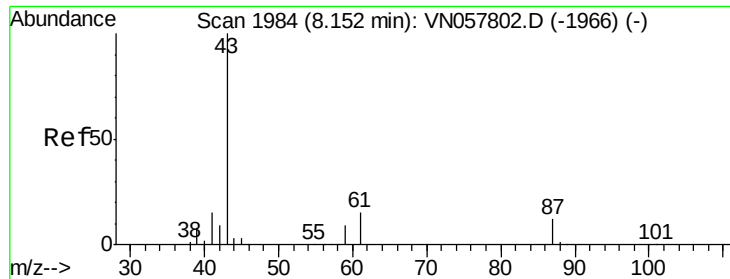
#40
Benzene
Concen: 0.708 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 78 Resp: 11721
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5



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





#43

Isopropyl Acetate

Concen: 2.308 ug/l

RT: 8.24 min Scan# 2012

Delta R.T. 0.09 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-9-9.0-091019

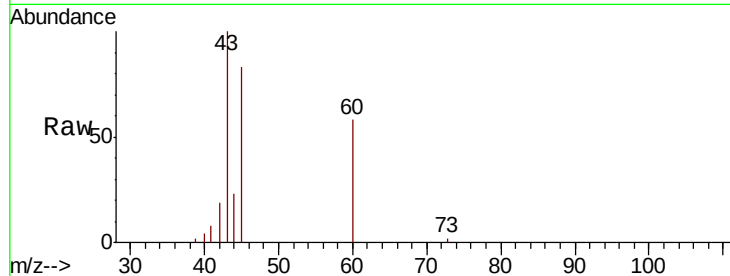
Tgt Ion: 43 Resp: 22068

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

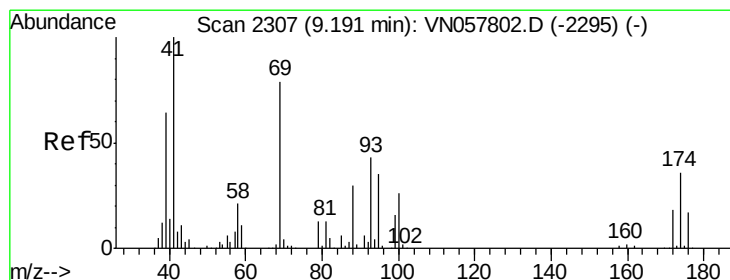
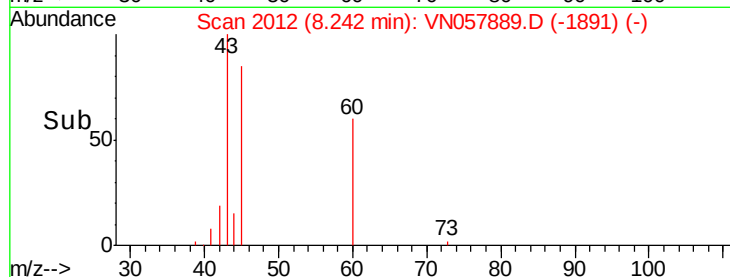
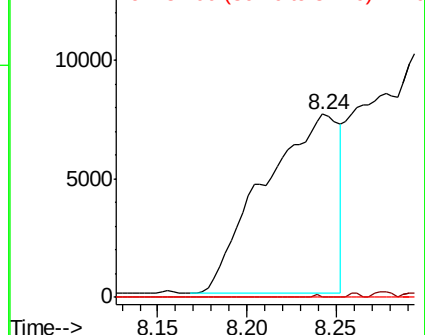
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 0.412 ug/l

RT: 9.15 min Scan# 2294

Delta R.T. -0.04 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

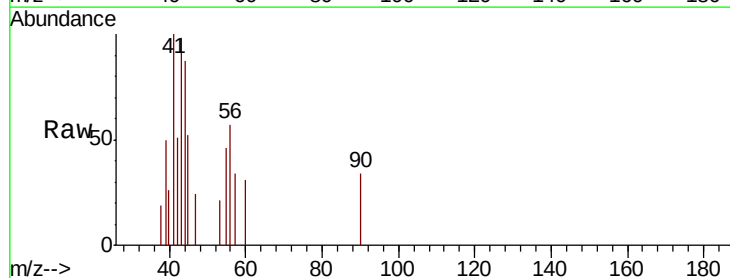
Tgt Ion: 41 Resp: 2000

Ion Ratio Lower Upper

41 100

69 0.0 62.7 94.1#

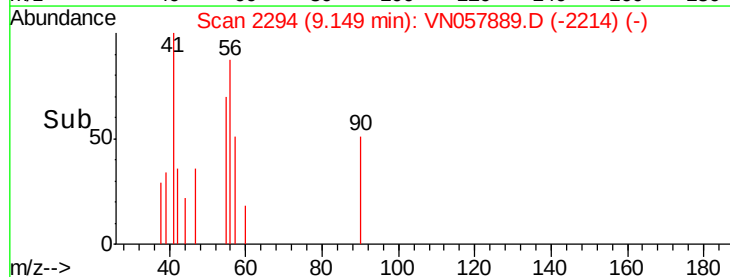
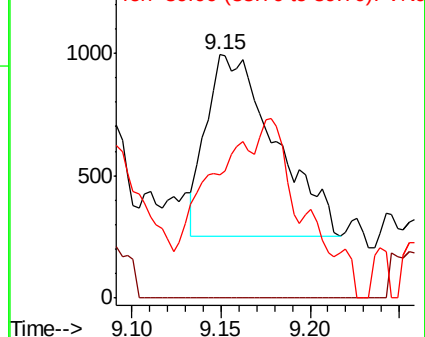
39 40.7 52.7 79.1#

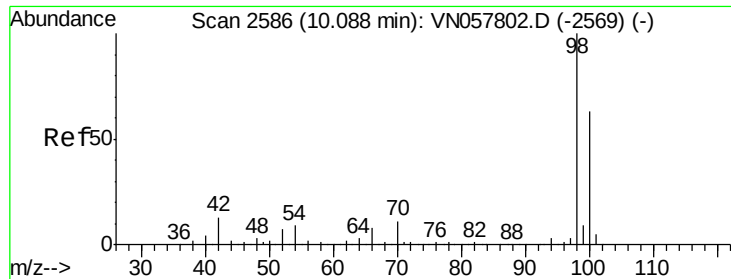


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

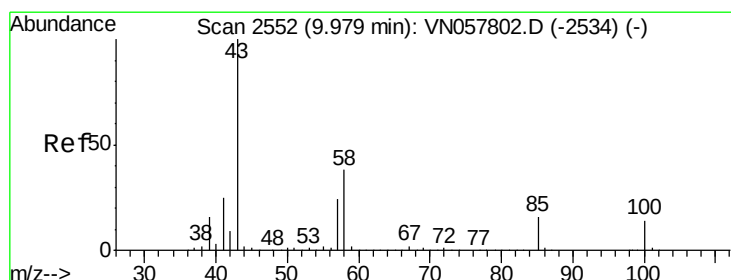
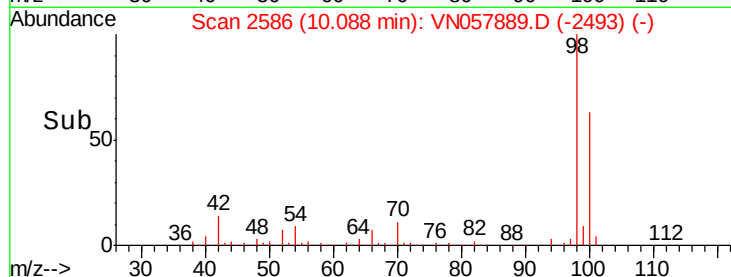
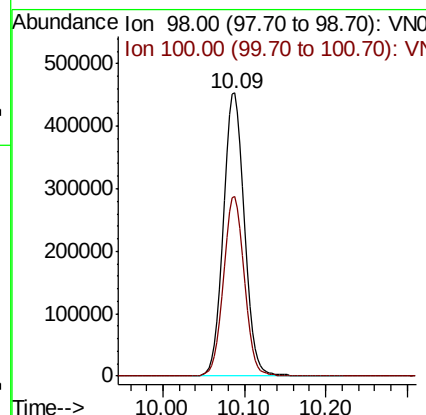
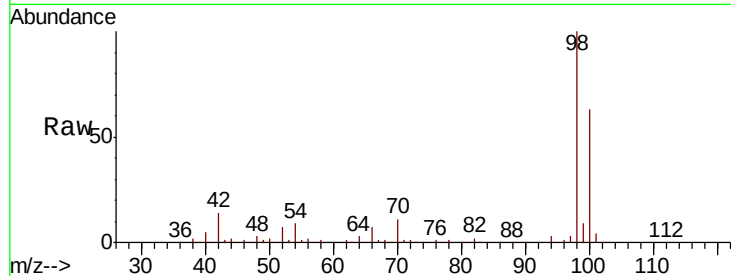




#50
Toluene-d8
Concen: 48.988 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

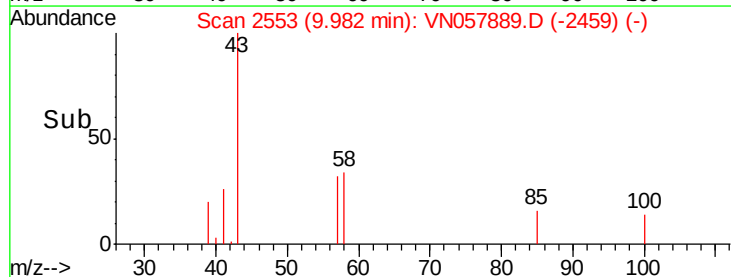
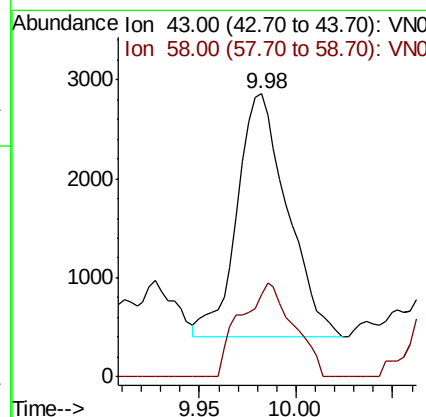
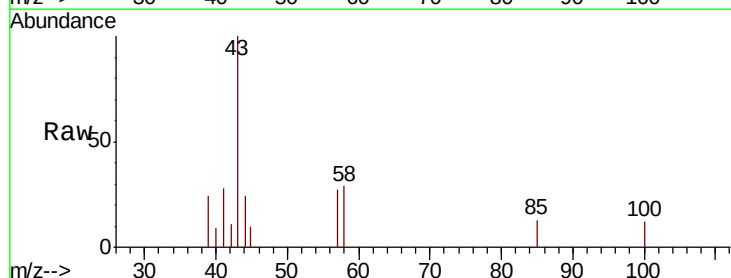
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-9-9.0-091019

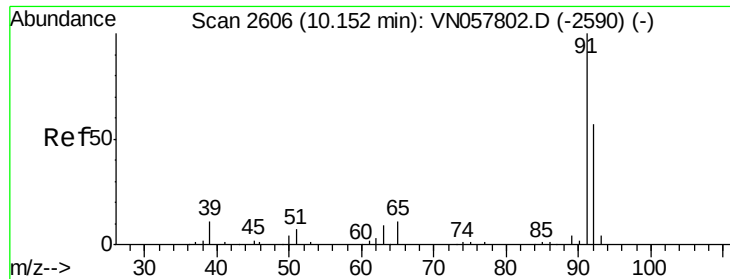
Tgt Ion: 98 Resp: 832833
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 0.788 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 43 Resp: 4458
Ion Ratio Lower Upper
43 100
58 40.5 29.8 44.6





#52

Toluene

Concen: 1.235 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

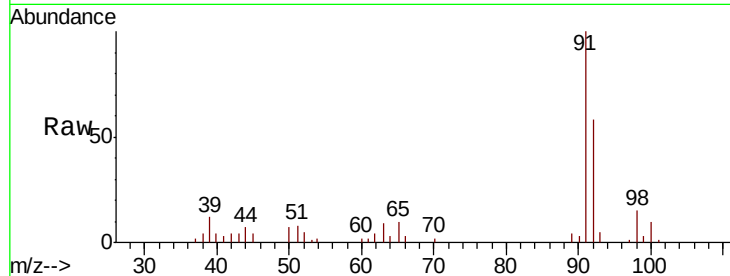
T11-MW-9-9.0-091019

Tgt Ion: 92 Resp: 12885

Ion Ratio Lower Upper

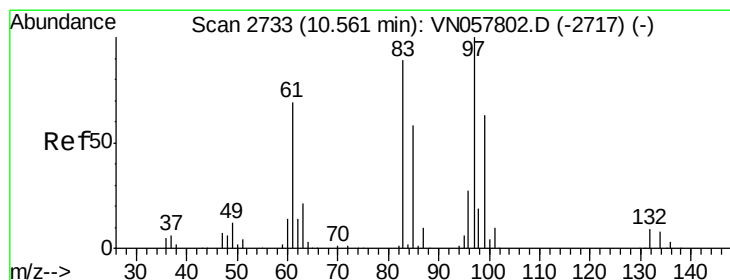
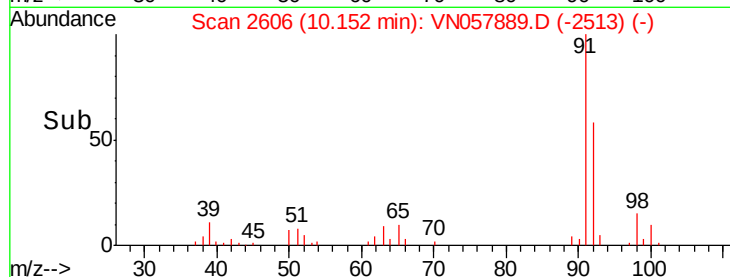
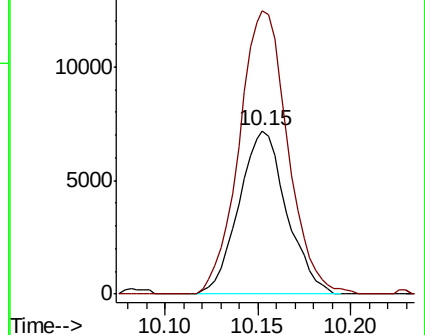
92 100

91 176.8 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057889.D (-2513) (-)

Ion 91.00 (90.70 to 91.70): VN057889.D (-2513) (-)



#55

1,1,2-Trichloroethane

Concen: 0.317 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Tgt Ion: 97 Resp: 1399

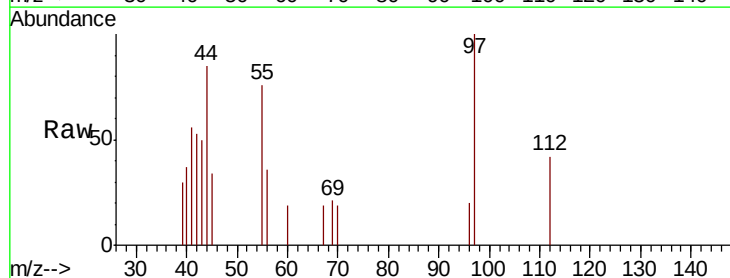
Ion Ratio Lower Upper

97 100

83 0.0 70.8 106.2#

85 0.0 46.0 69.0#

99 0.0 50.6 76.0#

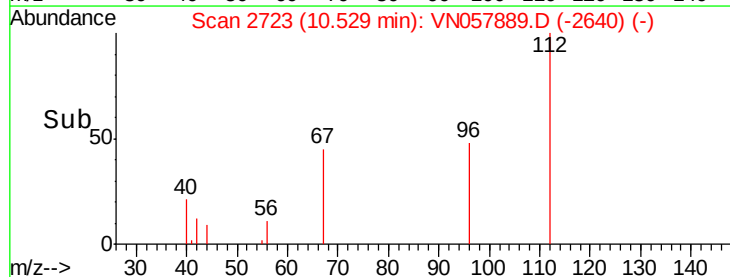
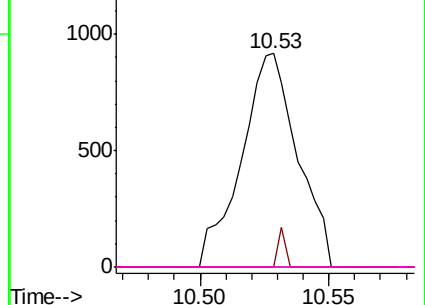


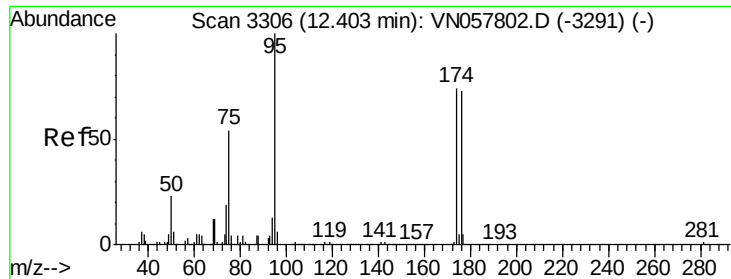
Abundance Ion 96.90 (96.60 to 97.60): VN057889.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN057889.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN057889.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN057889.D (-2640) (-)





#62

4-Bromofluorobenzene

Concen: 43.762 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-9-9.0-091019

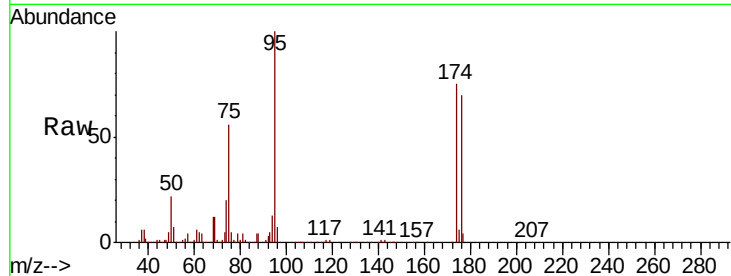
Tgt Ion: 95 Resp: 283522

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

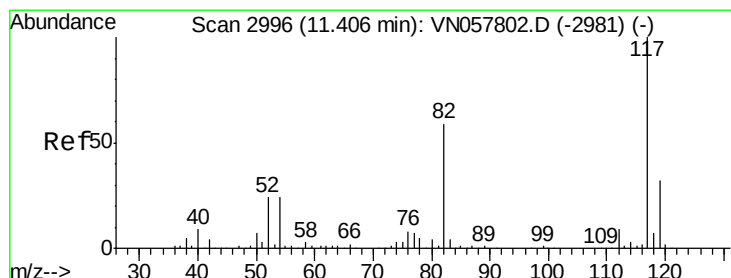
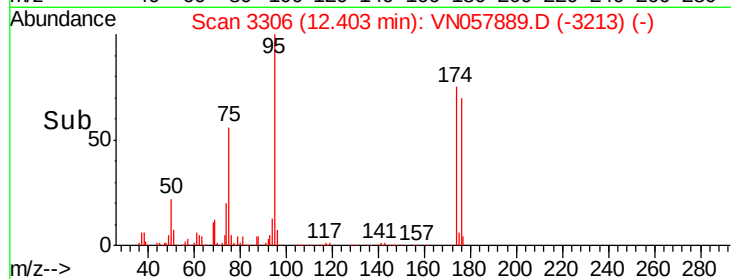
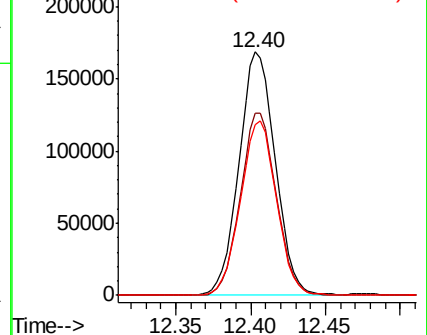
176 71.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

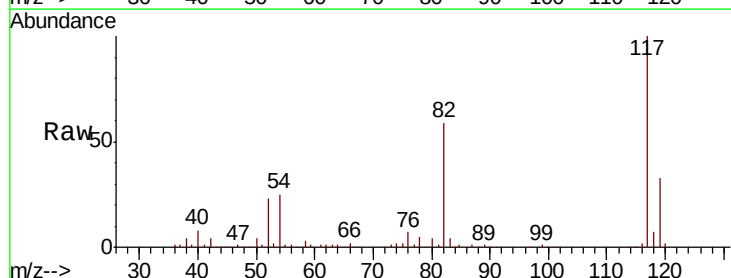
Tgt Ion: 117 Resp: 432900

Ion Ratio Lower Upper

117 100

82 59.4 47.2 70.8

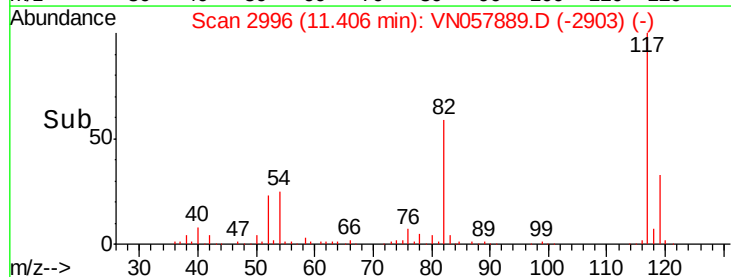
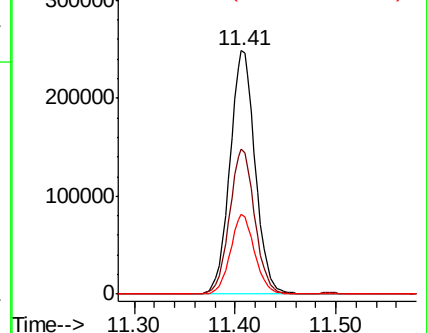
119 32.7 25.3 37.9

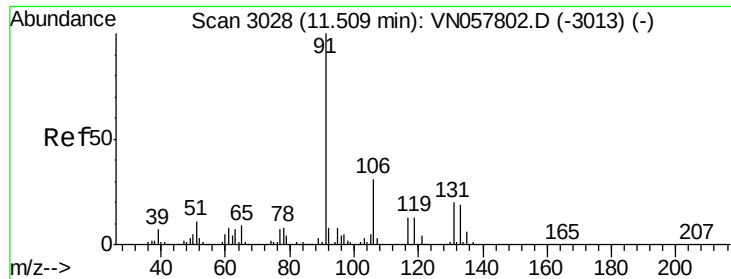


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

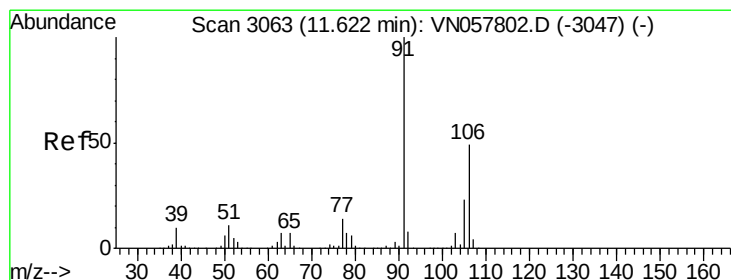
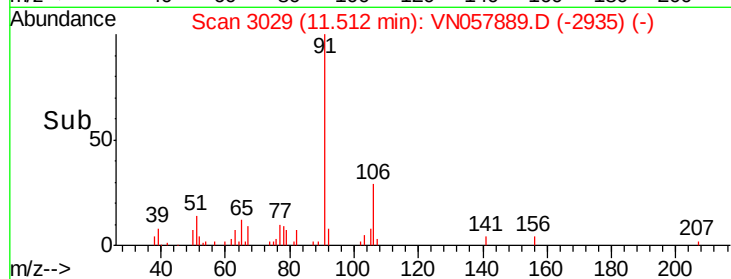
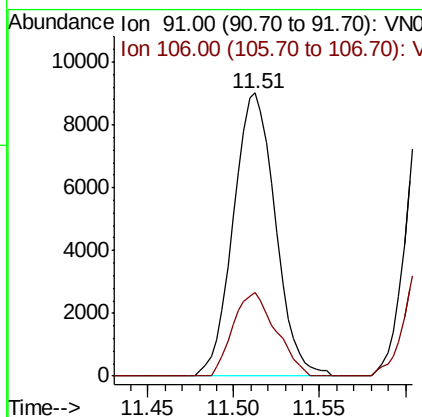
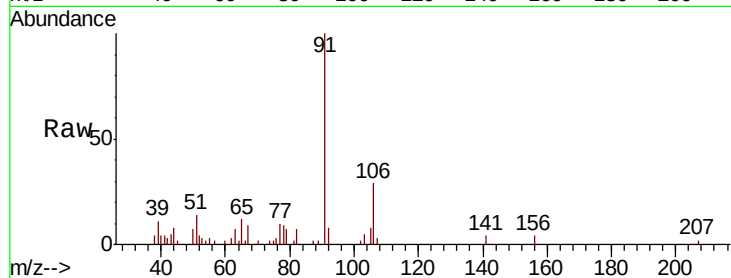




#67
Ethyl Benzene
Concen: 0.775 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

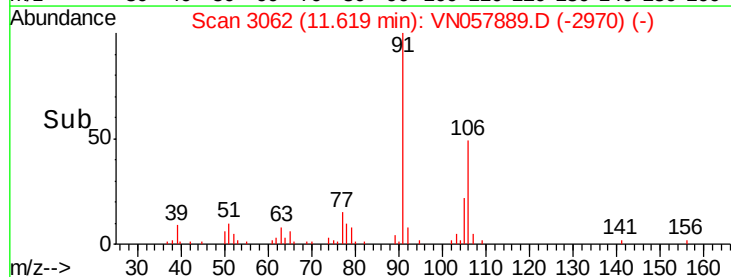
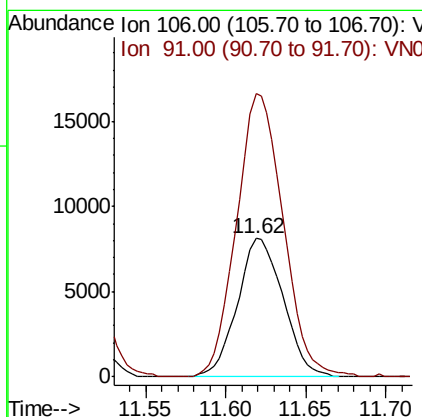
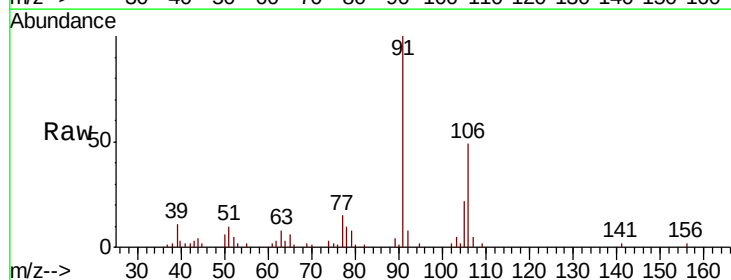
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-9-9.0-091019

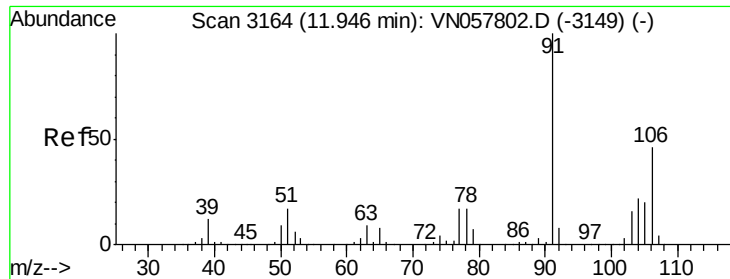
Tgt Ion: 91 Resp: 15381
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6



#68
m/p-Xylenes
Concen: 2.179 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 106 Resp: 15850
Ion Ratio Lower Upper
106 100
91 208.7 165.8 248.6

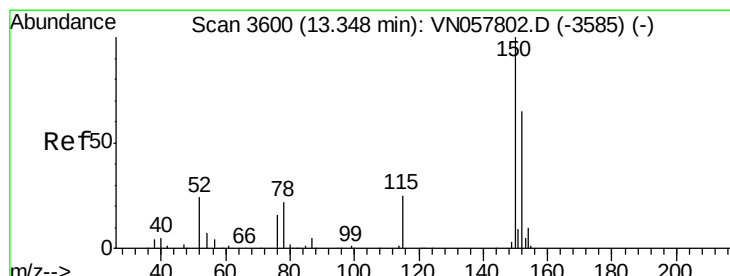
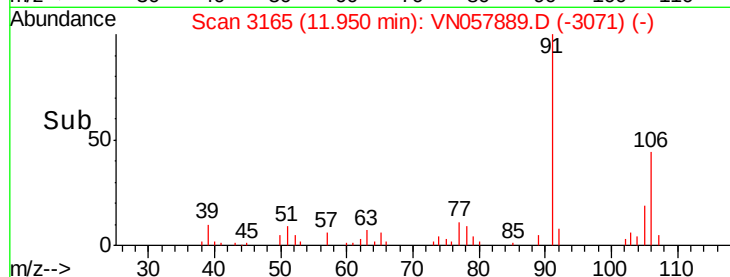
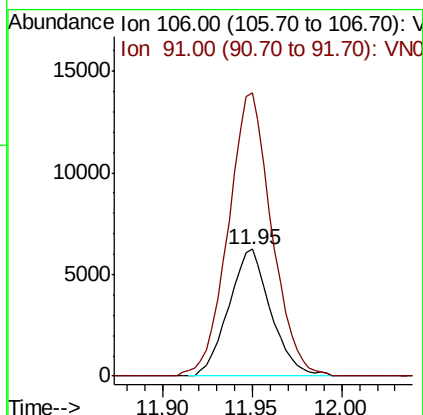
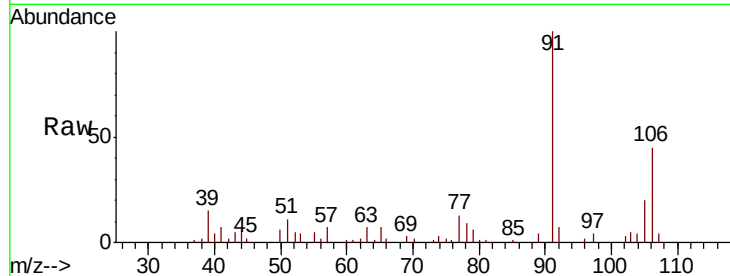




#69
o-Xylene
Concen: 1.425 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

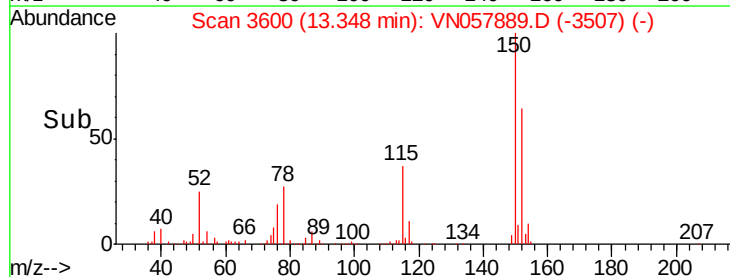
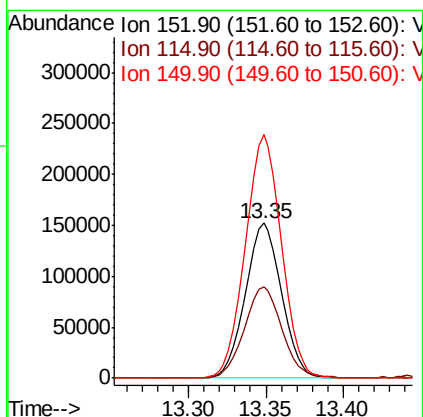
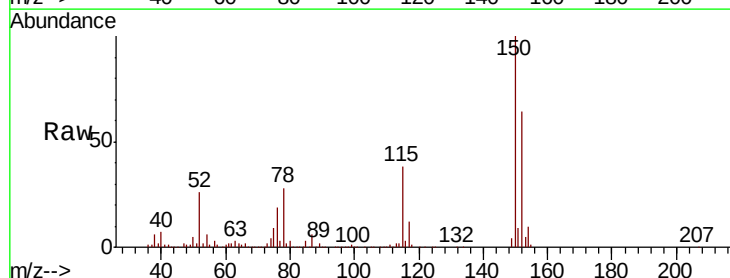
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-9-9.0-091019

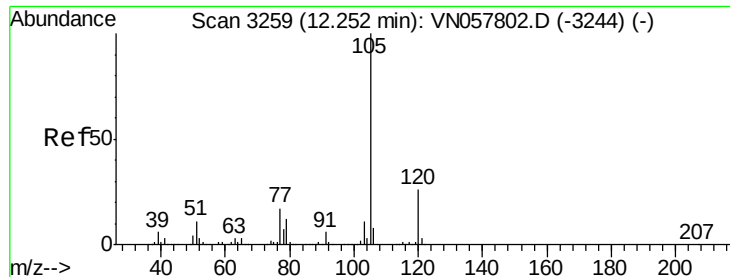
Tgt Ion:106 Resp: 10302
Ion Ratio Lower Upper
106 100
91 228.9 108.7 326.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion:152 Resp: 248806
Ion Ratio Lower Upper
152 100
115 60.5 30.3 91.0
150 156.5 0.0 352.4





#73

Isopropylbenzene

Concen: 4.705 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

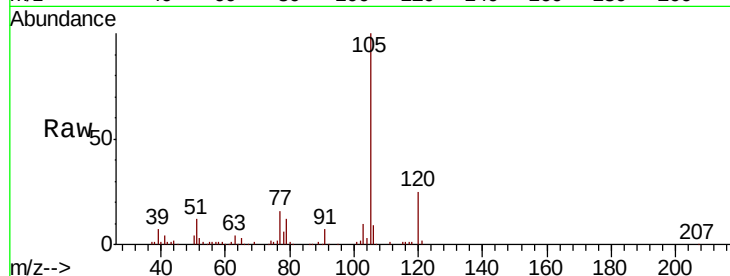
T11-MW-9-9.0-091019

Tgt Ion:105 Resp: 90844

Ion Ratio Lower Upper

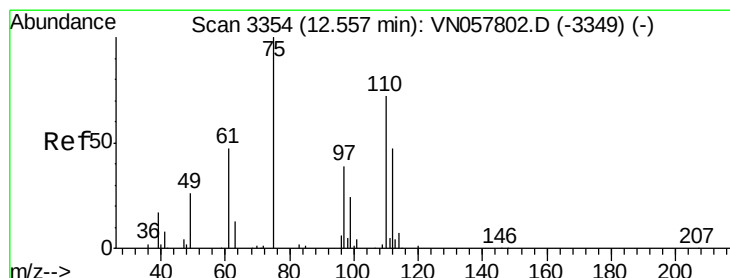
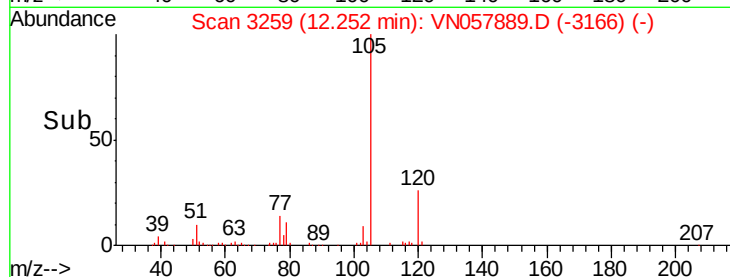
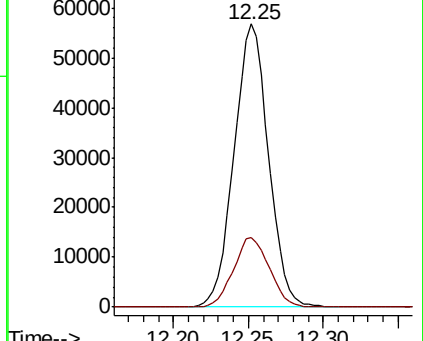
105 100

120 25.5 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: 28.244 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057889.D

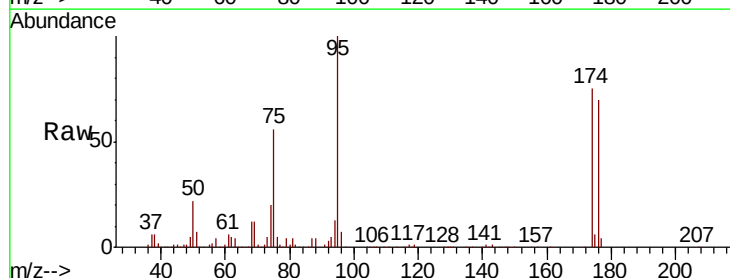
Acq: 11 Sep 2019 1:07

Tgt Ion: 75 Resp: 158970

Ion Ratio Lower Upper

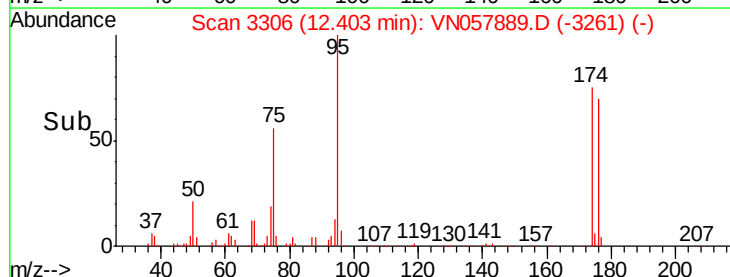
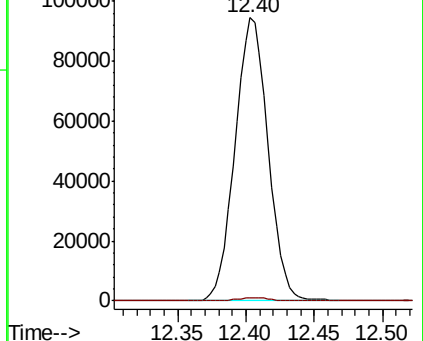
75 100

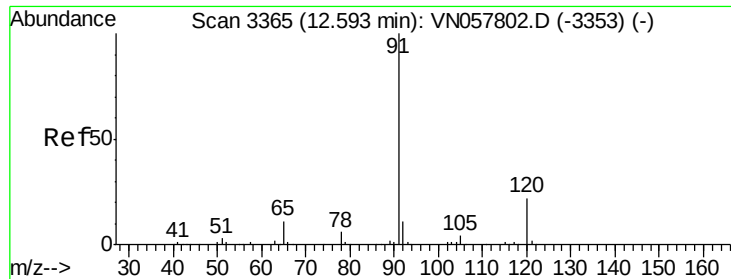
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 7.635 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

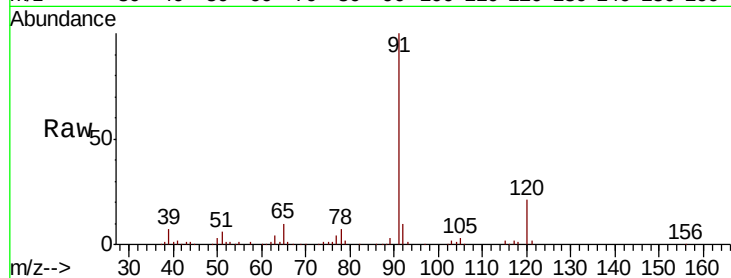
T11-MW-9-9.0-091019

Tgt Ion: 91 Resp: 169272

Ion Ratio Lower Upper

91 100

120 21.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

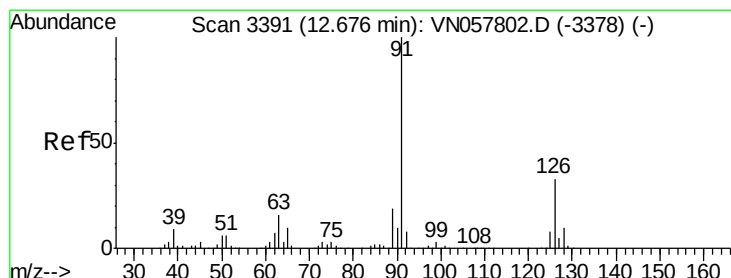
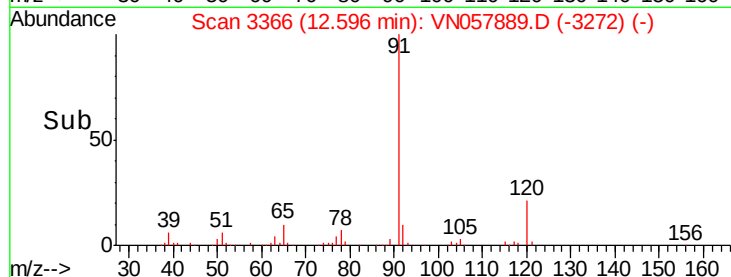
20000

0

12.60

12.55 12.60 12.65

Time-->



#79

2-Chlorotoluene

Concen: 12.080 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN057889.D

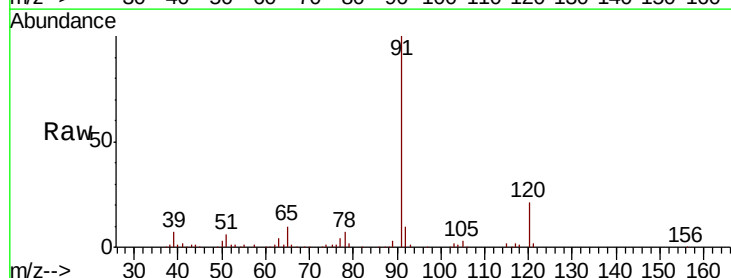
Acq: 11 Sep 2019 1:07

Tgt Ion: 91 Resp: 169272

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

120000

100000

80000

60000

40000

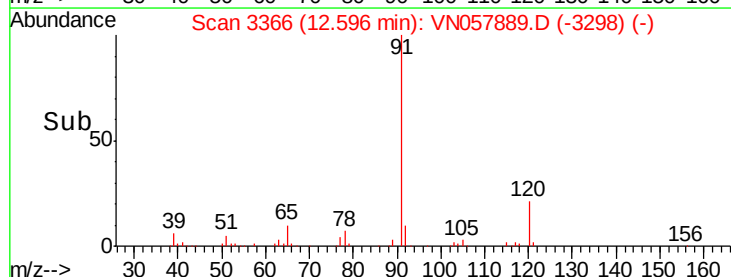
20000

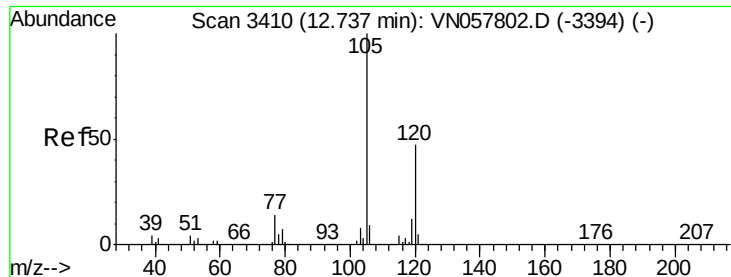
0

12.60

12.55 12.60 12.65

Time-->

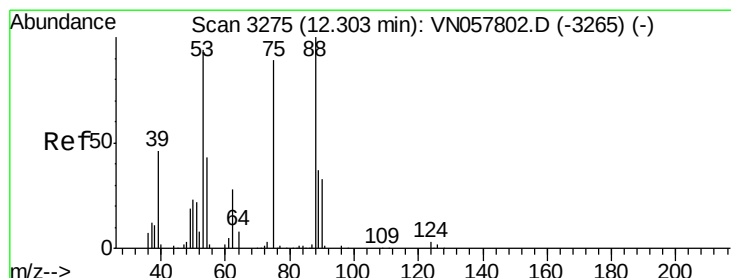
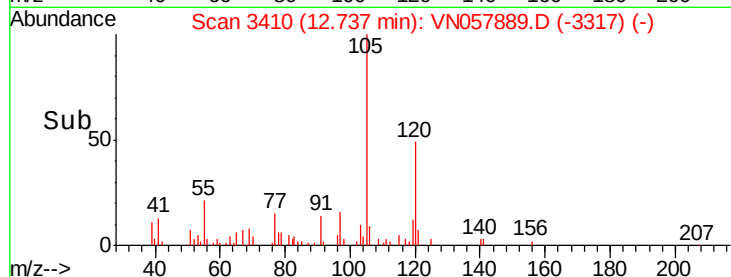
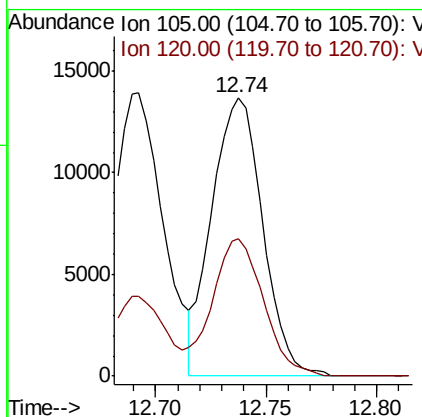
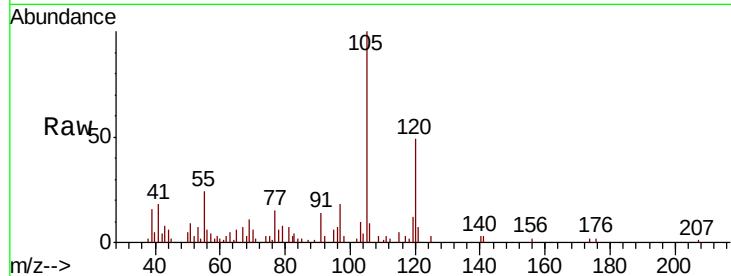




#80
 1,3,5-Trimethylbenzene
 Concen: 1.344 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

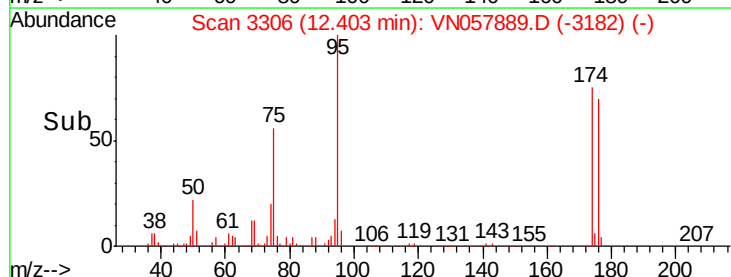
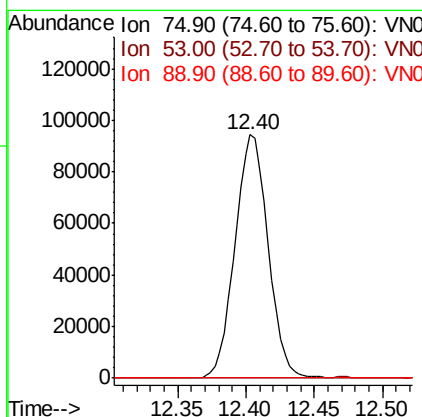
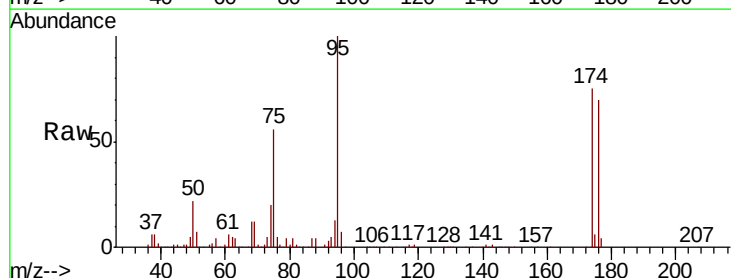
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-9-9.0-091019

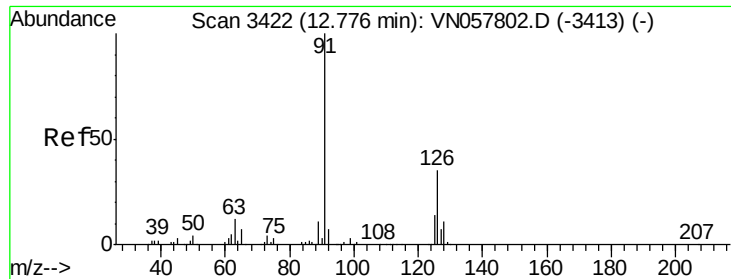
Tgt Ion: 105 Resp: 21920
 Ion Ratio Lower Upper
 105 100
 120 50.2 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.392 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

Tgt Ion: 75 Resp: 158970
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.4 132.6#
 89 0.0 35.3 52.9#

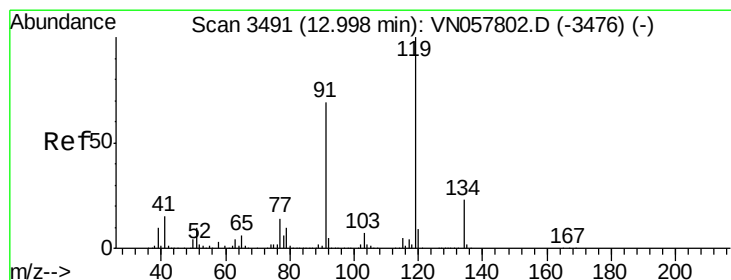
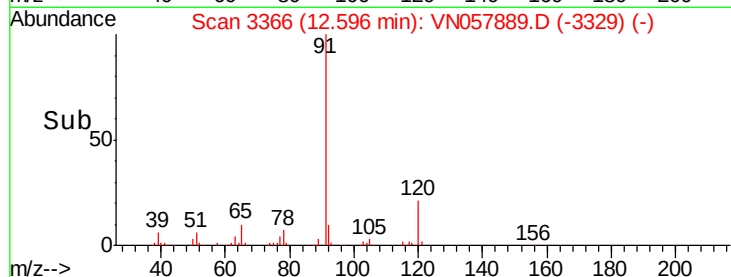
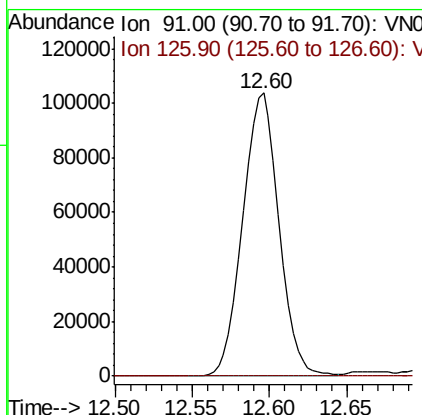
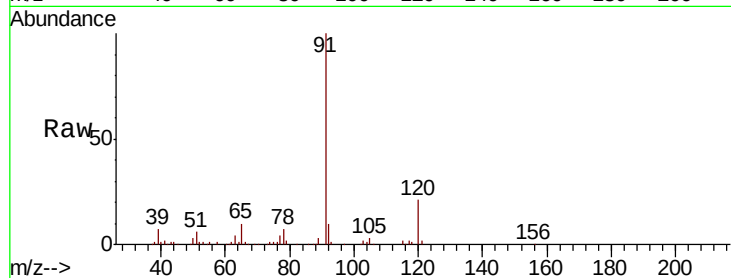




#82
4-Chlorotoluene
Concen: 11.764 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. -0.18 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

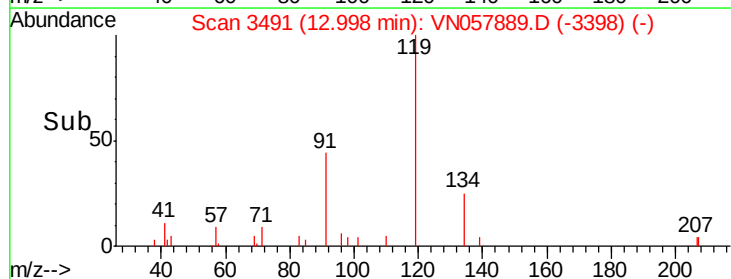
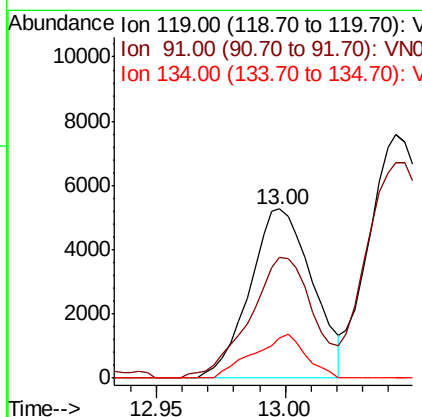
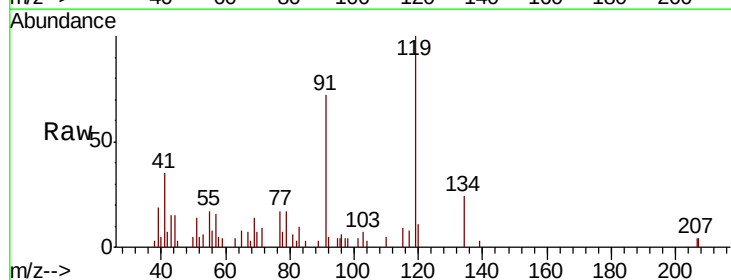
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-9-9.0-091019

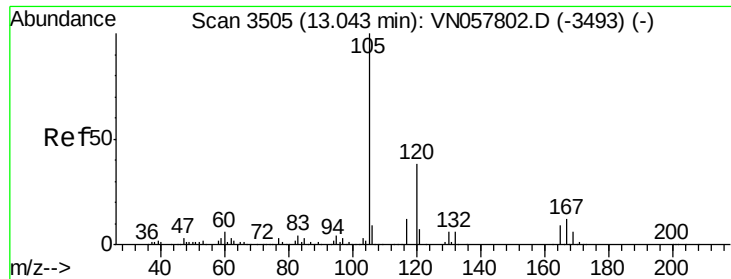
Tgt Ion: 91 Resp: 169272
Ion Ratio Lower Upper
91 100
126 0.0 16.0 48.0#



#83
tert-Butylbenzene
Concen: 0.617 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 119 Resp: 8950
Ion Ratio Lower Upper
119 100
91 72.3 33.6 100.8
134 21.5 11.7 35.0

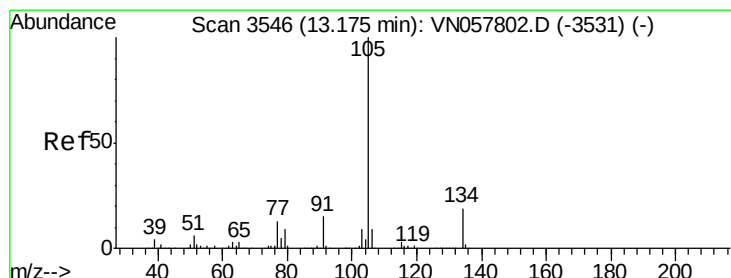
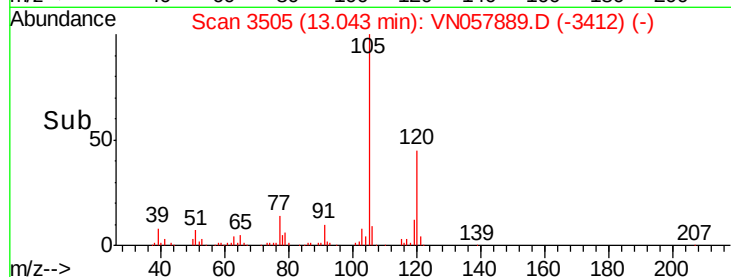
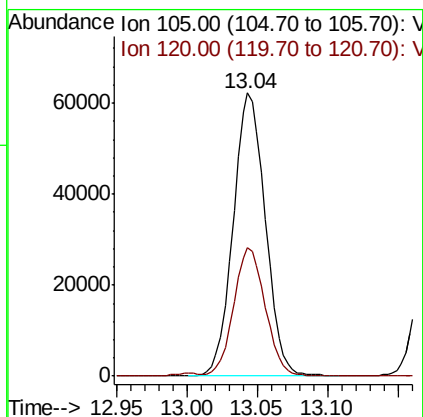
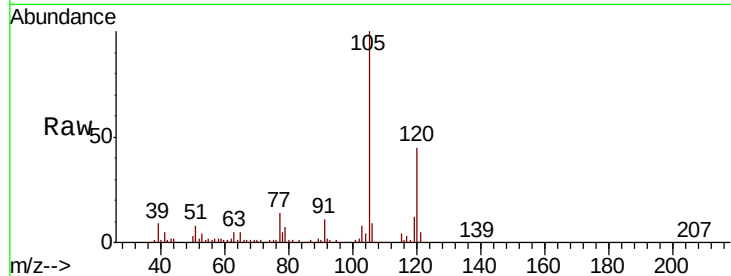




#84
 1,2,4-Trimethylbenzene
 Concen: 6.001 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

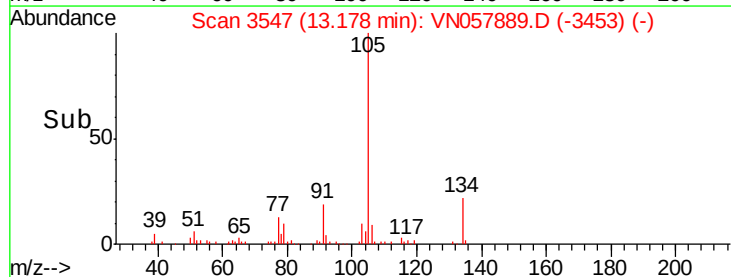
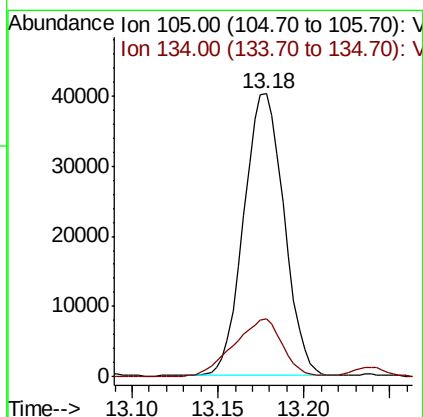
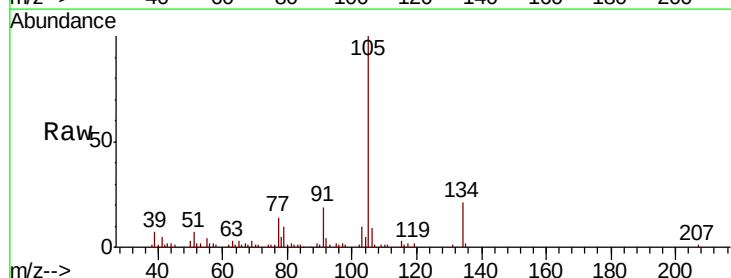
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-9-9.0-091019

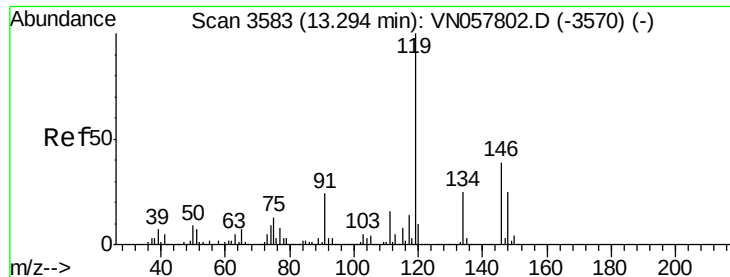
Tgt Ion:105 Resp: 99488
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.2



#85
 sec-Butylbenzene
 Concen: 3.388 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

Tgt Ion:105 Resp: 65111
 Ion Ratio Lower Upper
 105 100
 134 25.1 9.6 28.6

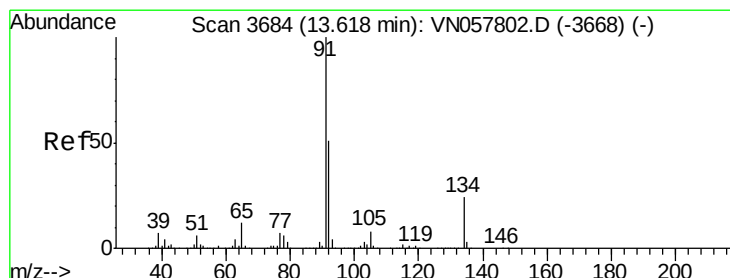
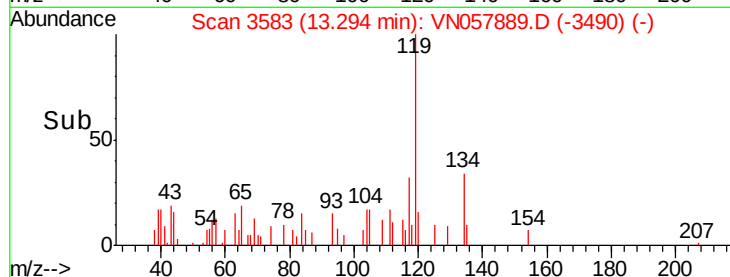
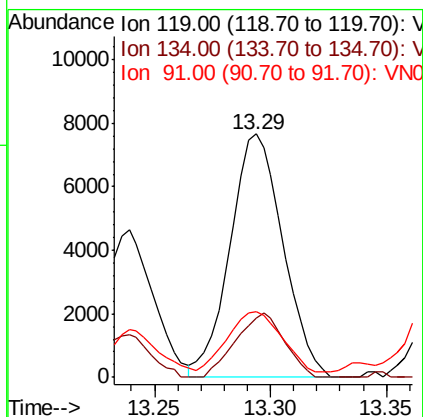
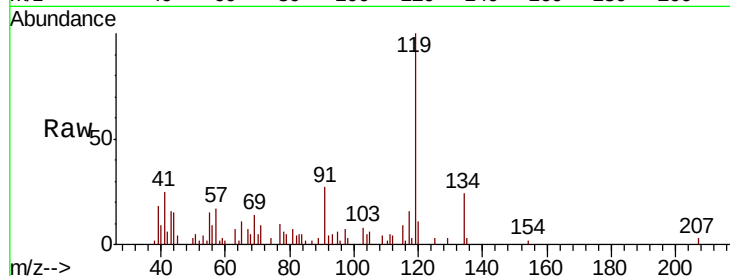




#86
p-Isopropyltoluene
Concen: 0.716 ug/l
RT: 13.29 min Scan# 3583
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

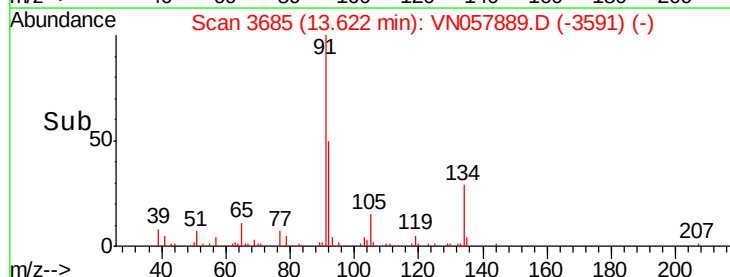
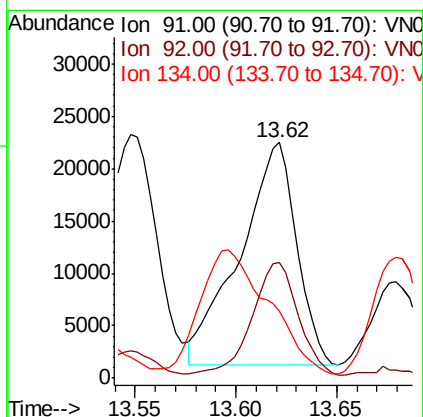
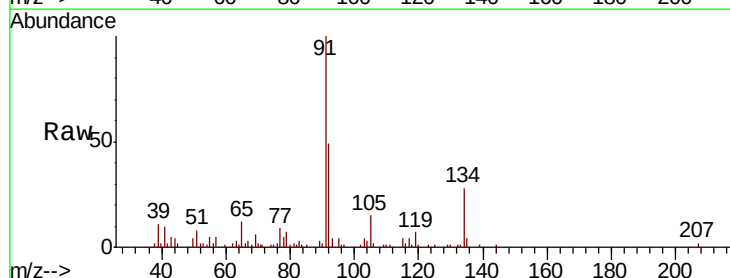
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-9-9.0-091019

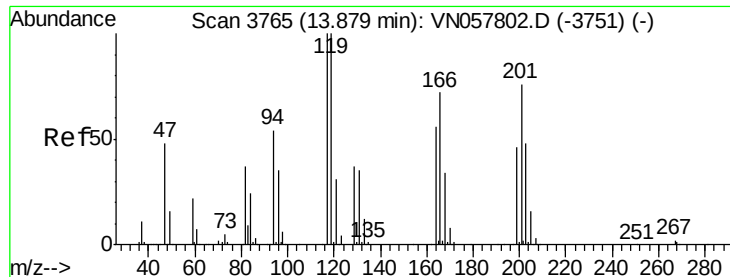
Tgt Ion: 119 Resp: 12117
Ion Ratio Lower Upper
119 100
134 24.3 12.5 37.5
91 26.0 12.3 36.8



#89
n-Butylbenzene
Concen: 2.607 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057889.D
Acq: 11 Sep 2019 1:07

Tgt Ion: 91 Resp: 41694
Ion Ratio Lower Upper
91 100
92 42.3 25.7 77.0
134 0.0 11.9 35.7#





#90

Hexachloroethane

Concen: 12.430 ug/l

RT: 13.89 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

Instrument :

MSVOA_N

ClientSampleId :

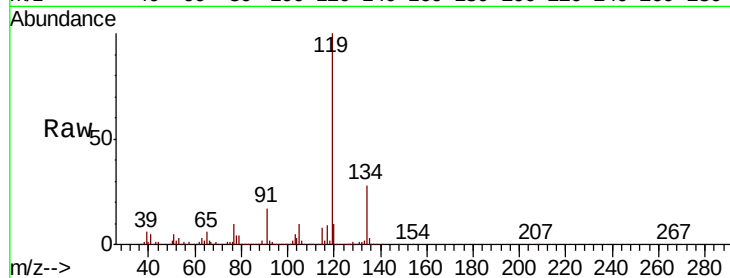
T11-MW-9-9.0-091019

Tgt Ion:117 Resp: 31304

Ion Ratio Lower Upper

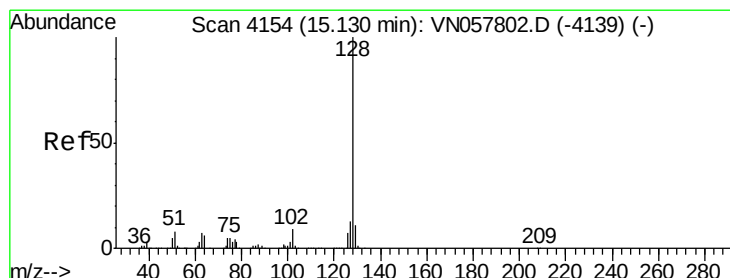
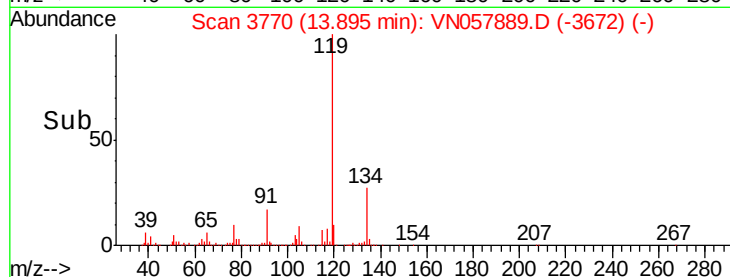
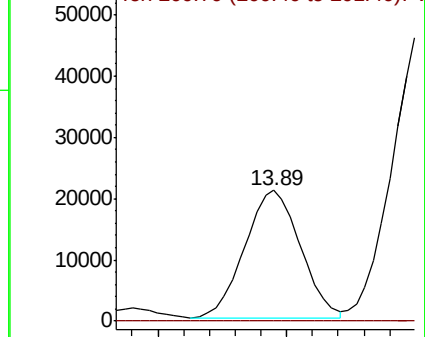
117 100

201 0.0 37.5 112.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 138.702 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057889.D

Acq: 11 Sep 2019 1:07

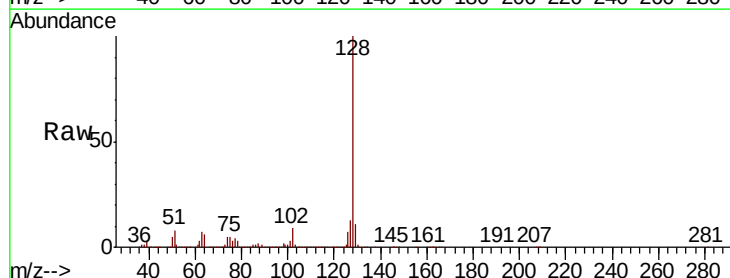
Tgt Ion:128 Resp: 1979618

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

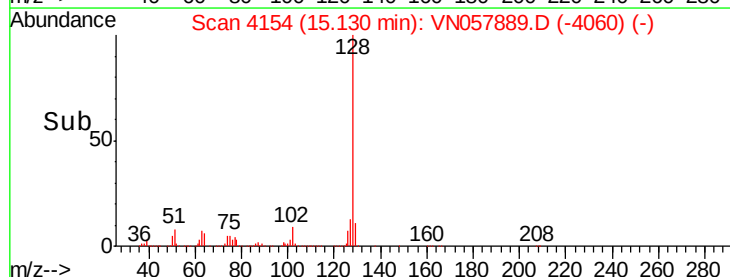
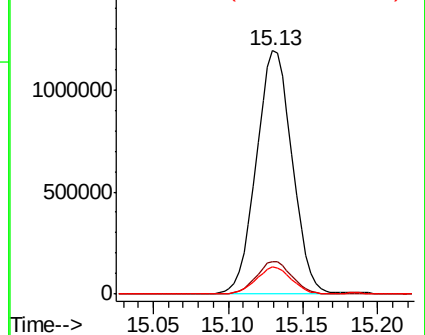
129 10.8 8.6 12.8

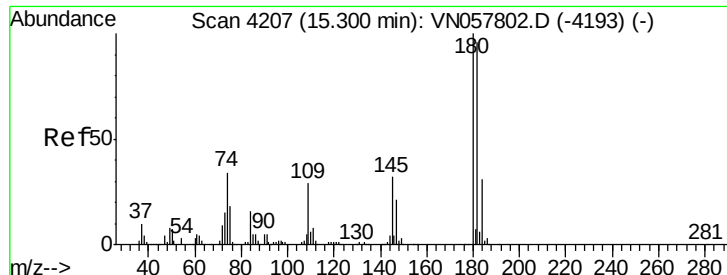


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.004 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057889.D
 Acq: 11 Sep 2019 1:07

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-9-9.0-091019

Tgt Ion	Ratio	Lower	Upper
180	100		
182	596.9	48.3	144.8#
145	0.0	16.3	48.8#

