

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057922.D
 Acq On : 11 Sep 2019 13:57
 Operator : JC/SP
 Sample : K4818-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-MW-4-8.0-091019

Quant Time: Sep 12 01:33:36 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	264461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	469383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	437677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244139	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	305776	57.09	ug/l	0.00
Spiked Amount			Recovery	=	114.18%	
35) Dibromofluoromethane	7.58	113	202072	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
50) Toluene-d8	10.09	98	847496	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	288680	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	123	Below Cal	#	2
11) Tert butyl alcohol	4.76	59	489	0.754	ug/l #	72
13) Acrolein	3.77	56	182	0.331	ug/l	90
15) Acrylonitrile	5.03	53	3399	1.907	ug/l #	25
16) Acetone	3.81	43	7771	4.426	ug/l #	74
17) Carbon Disulfide	4.02	76	454	0.262	ug/l #	75
18) Methyl Acetate	4.31	43	1785	0.381	ug/l #	67
20) Methylene Chloride	4.53	84	384	Below Cal	#	40
25) 2-Butanone	6.80	43	1090	0.429	ug/l #	49
30) Chloroform	7.31	83	8483	1.149	ug/l #	19
31) Cyclohexane	7.64	56	163154	33.143	ug/l	97
36) 1,1-Dichloropropene	7.65	75	23824	4.377	ug/l #	51
38) Carbon Tetrachloride	7.65	117	27542	5.542	ug/l #	16
39) Methylcyclohexane	9.07	83	284620	49.737	ug/l	98
40) Benzene	8.03	78	84334	5.146	ug/l	99
41) Methacrylonitrile	7.18	41	1795	0.703	ug/l #	32
43) Isopropyl Acetate	8.14	43	18092	1.913	ug/l #	56
46) Dibromomethane	9.15	93	1189	0.413	ug/l #	1
47) Bromodichloromethane	9.35	83	2856	0.496	ug/l #	51
48) Methyl methacrylate	9.26	41	28091	5.855	ug/l #	57
51) 4-Methyl-2-Pentanone	9.97	43	1174	0.210	ug/l #	86
52) Toluene	10.15	92	22113	2.142	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	41133	9.407	ug/l #	19
56) Ethyl methacrylate	10.43	69	3036	0.461	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.66	63	772	0.249	ug/l #	50
67) Ethyl Benzene	11.51	91	116133	5.785	ug/l	99
68) m/p-Xylenes	11.62	106	17916	2.437	ug/l	99
69) o-Xylene	11.95	106	3966	0.543	ug/l	83
71) Bromoform	12.41	173	812	0.328	ug/l #	1
73) Isopropylbenzene	12.25	105	1844464	97.362	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	29393	5.322	ug/l #	100
78) n-propylbenzene	12.59	91	3631922	166.954	ug/l	88
79) 2-Chlorotoluene	12.59	91	3631922	264.154	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.90	105	195622	12.221	ug/l	74

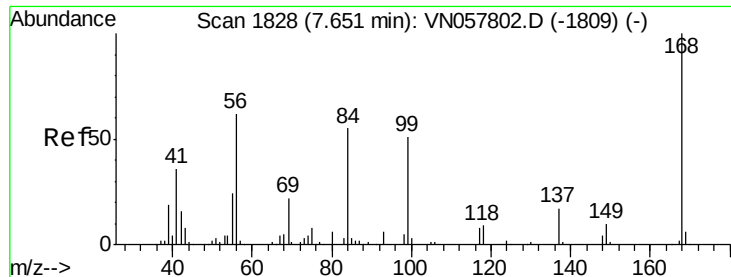
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.25	75	23313	14.854	ug/l #	69
82) 4-Chlorotoluene	12.59	91	3631922	257.228	ug/l #	43
83) tert-Butylbenzene	13.00	119	21668	1.523	ug/l	97
84) 1,2,4-Trimethylbenzene	13.05	105	9706	0.597	ug/l	97
85) sec-Butylbenzene	13.18	105	300708	15.945	ug/l #	65
86) p-Isopropyltoluene	13.45	119	74206	4.466	ug/l #	74
89) n-Butylbenzene	13.62	91	471796	30.066	ug/l #	80
90) Hexachloroethane	13.90	117	396689	160.522	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.30	75	1824	1.732	ug/l #	6
95) Naphthalene	15.13	128	1984105	141.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	30	1.004	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

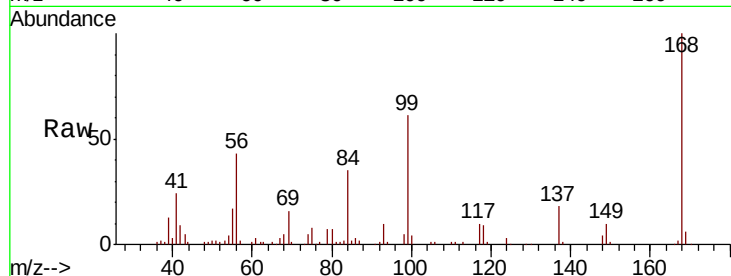
T2-MW-4-8.0-091019

Tgt Ion:168 Resp: 264461

Ion Ratio Lower Upper

168 100

99 61.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057922.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057922.D (-1735) (-)

7.65

120000

100000

80000

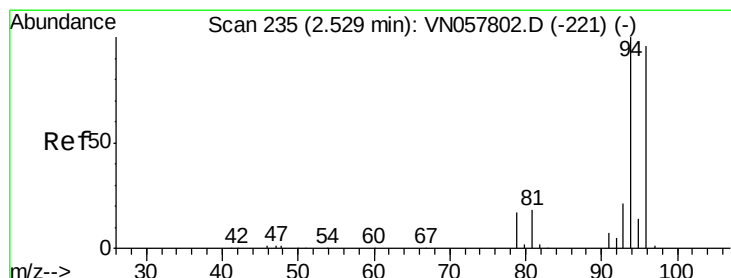
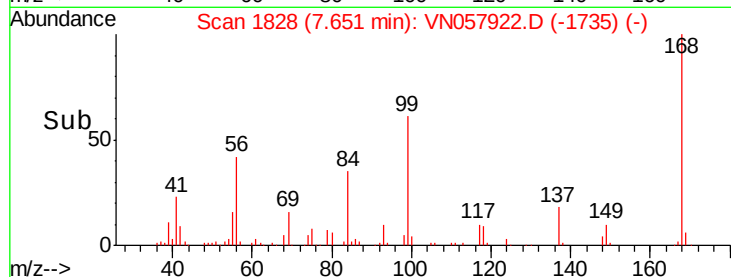
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN057922.D

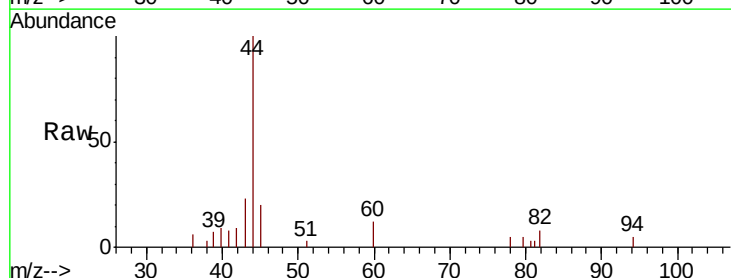
Acq: 11 Sep 2019 13:57

Tgt Ion: 94 Resp: 123

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN057922.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN057922.D (-141) (-)

2.54

300

250

200

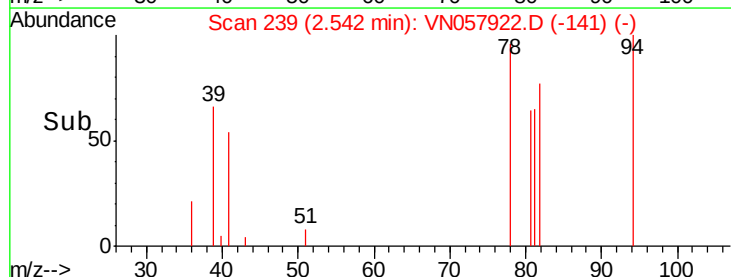
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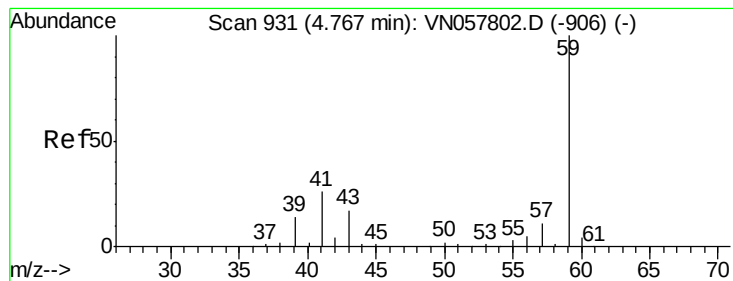
100

50

0

Time-->





#11

Tert butyl alcohol

Concen: 0.754 ug/l

RT: 4.76 min Scan# 928

Delta R.T. -0.01 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

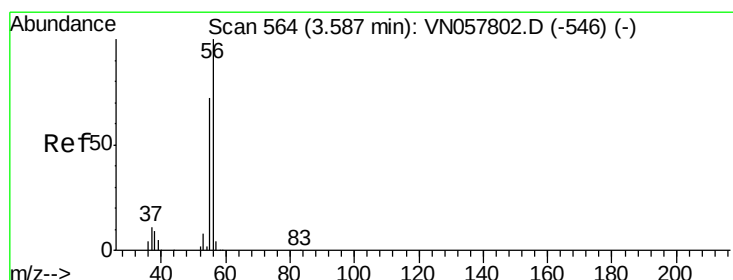
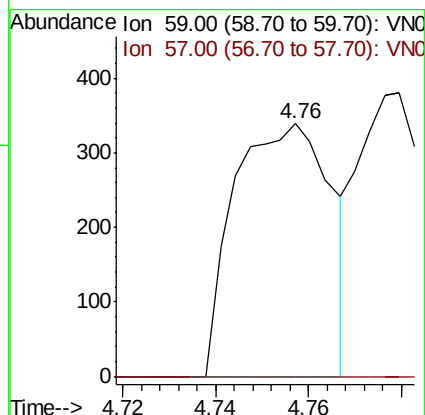
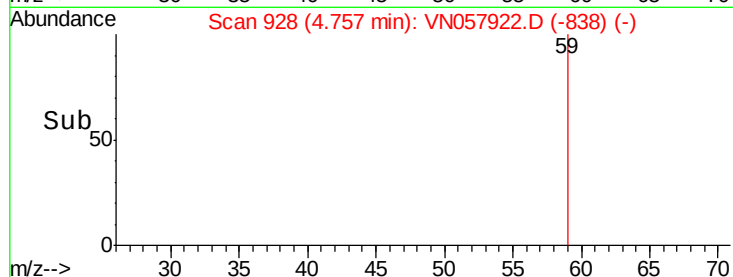
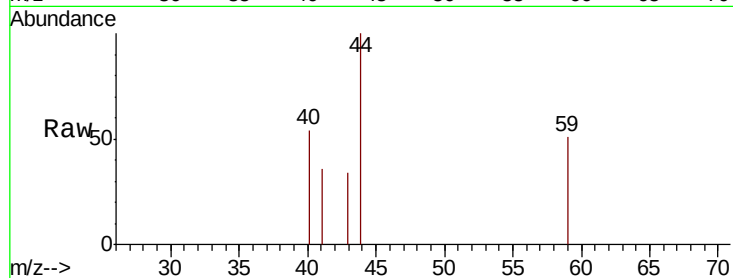
T2-MW-4-8.0-091019

Tgt Ion: 59 Resp: 489

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#13

Acrolein

Concen: 0.331 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.18 min

Lab File: VN057922.D

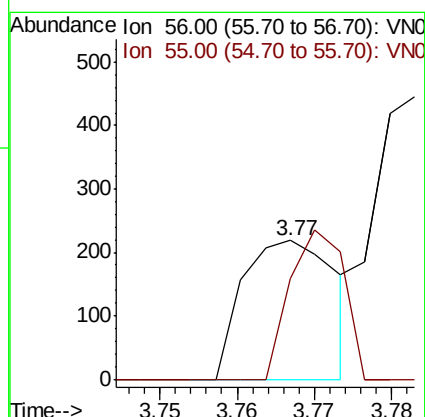
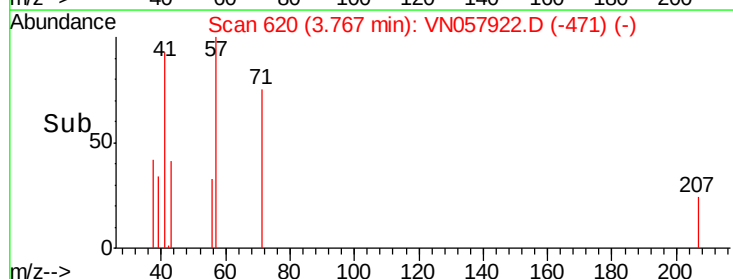
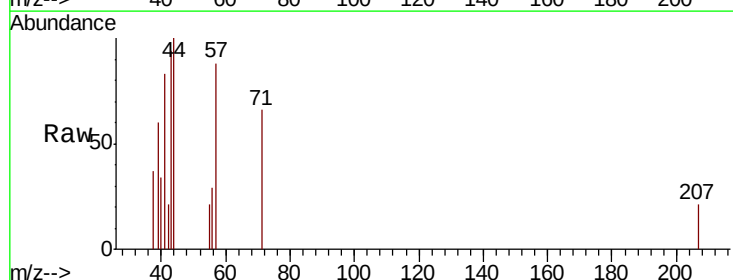
Acq: 11 Sep 2019 13:57

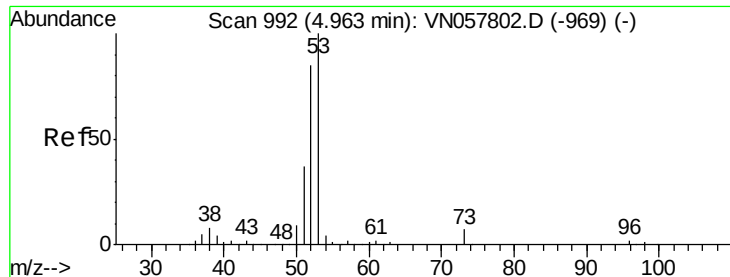
Tgt Ion: 56 Resp: 182

Ion Ratio Lower Upper

56 100

55 63.2 57.3 85.9





#15

Acrylonitrile

Concen: 1.907 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.07 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

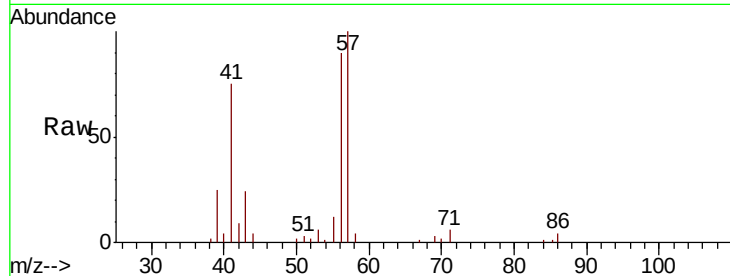
Tgt Ion: 53 Resp: 3399

Ion Ratio Lower Upper

53 100

52 10.4 66.6 100.0#

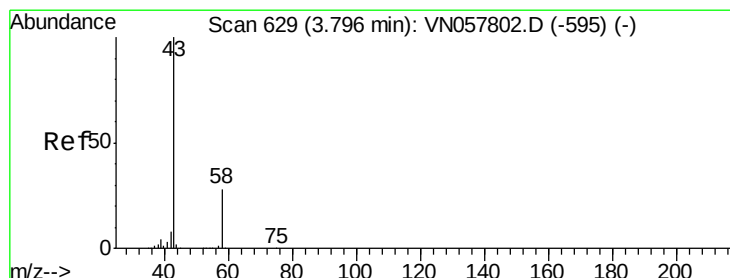
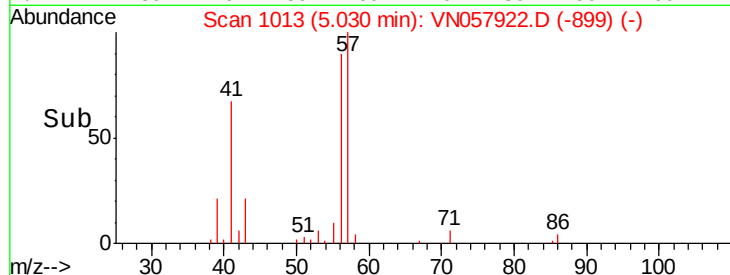
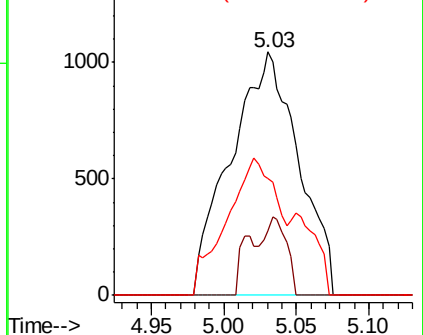
51 0.0 29.8 44.8#



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: 4.426 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN057922.D

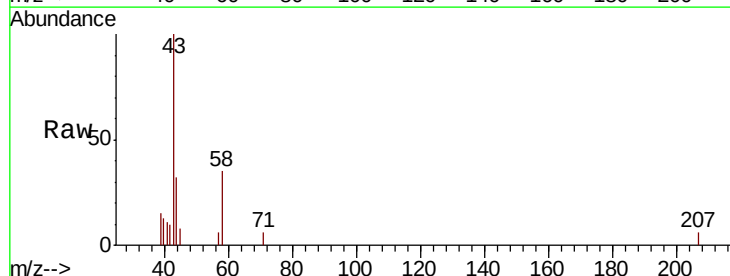
Acq: 11 Sep 2019 13:57

Tgt Ion: 43 Resp: 7771

Ion Ratio Lower Upper

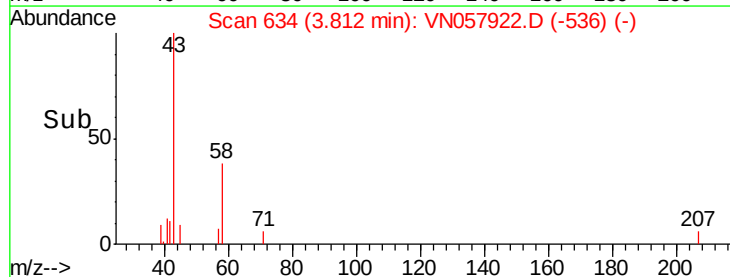
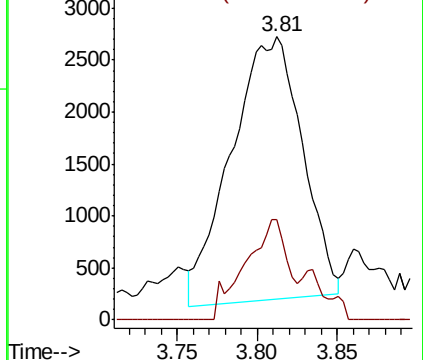
43 100

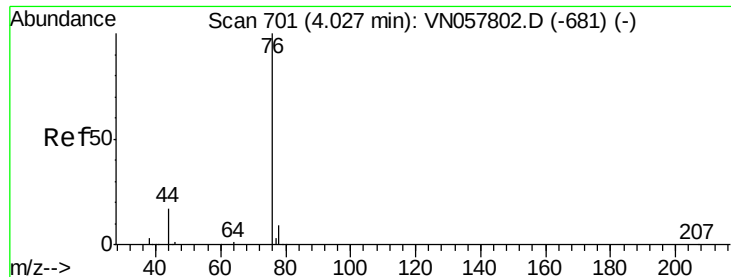
58 41.3 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

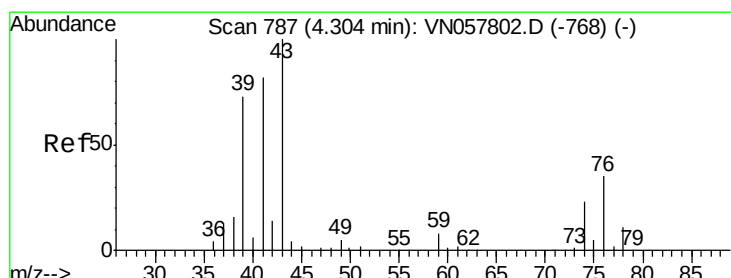
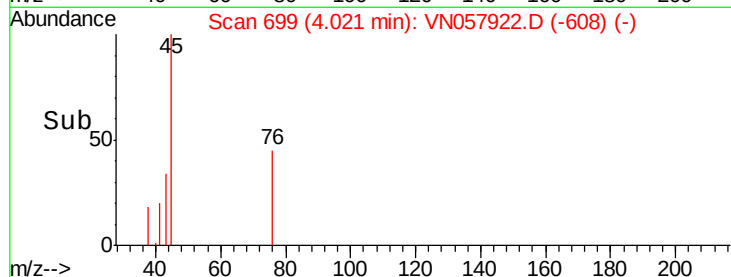
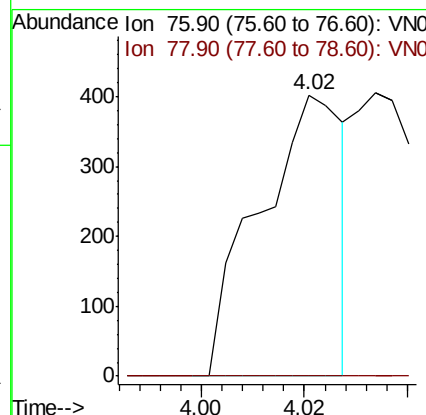
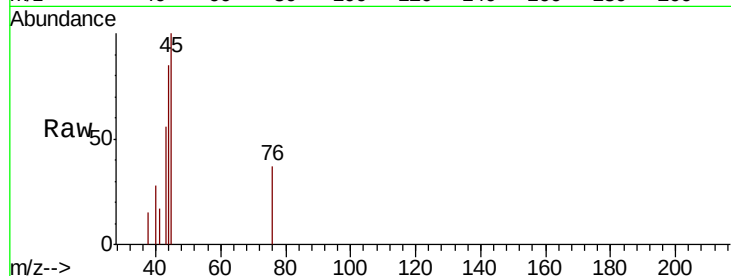




#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.01 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

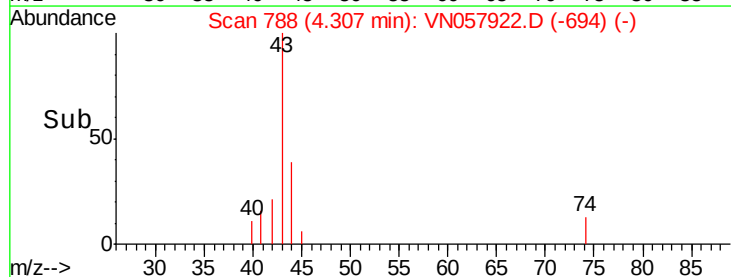
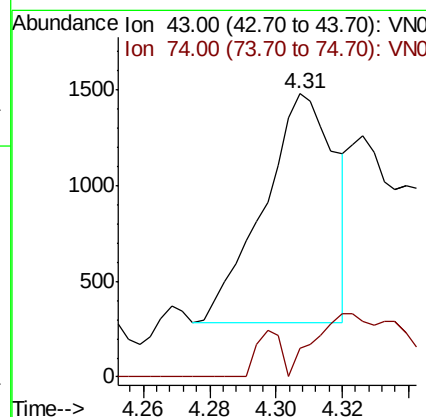
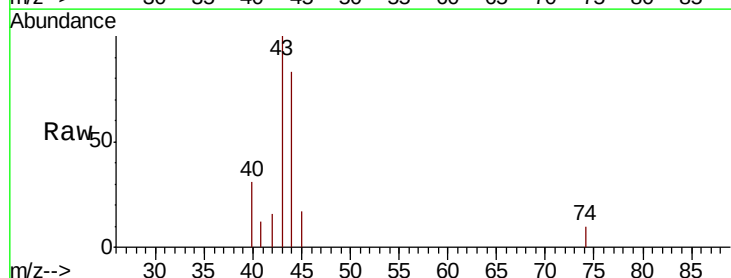
Instrument :
MSVOA_N
ClientSampleId :
T2-MW-4-8.0-091019

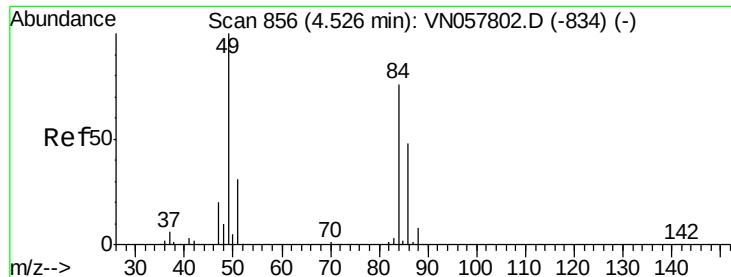
Tgt Ion: 76 Resp: 454
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.381 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
74 6.8 17.9 26.9#

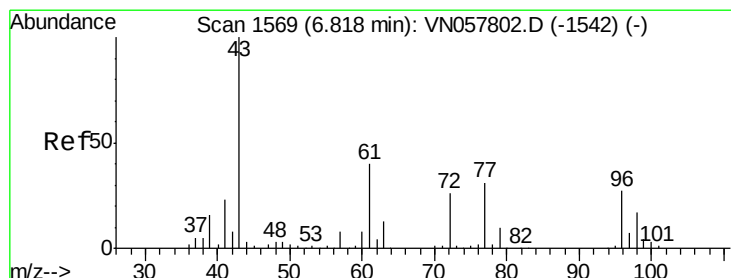
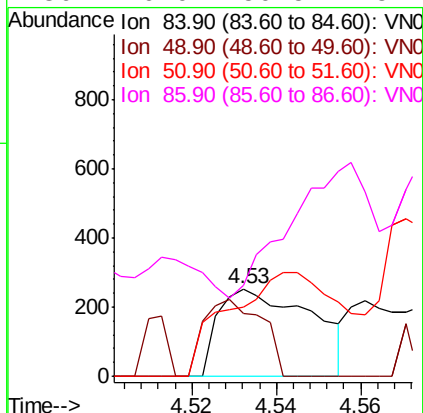
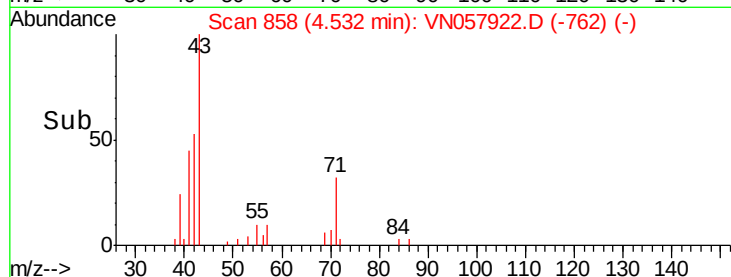
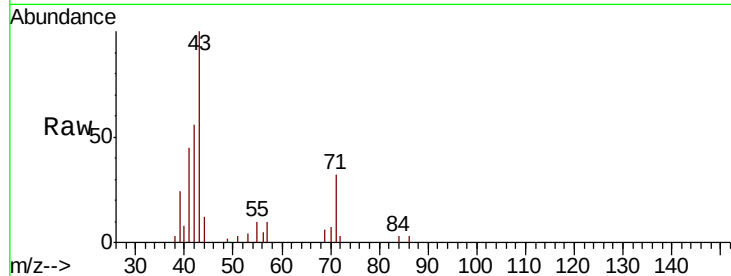




#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

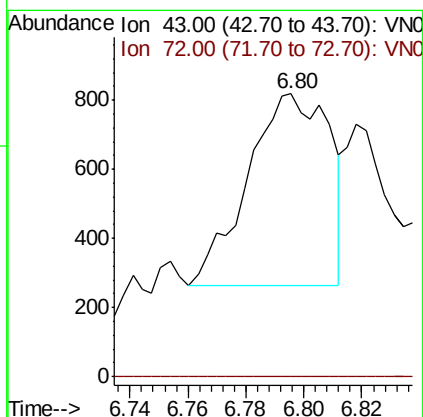
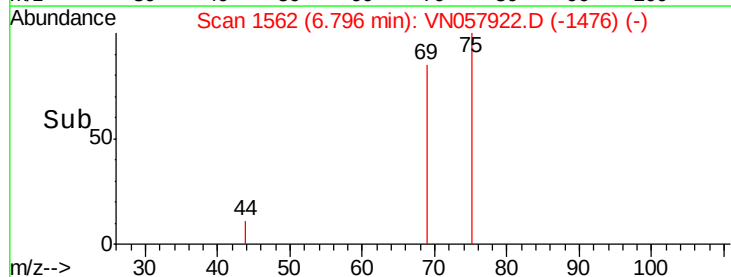
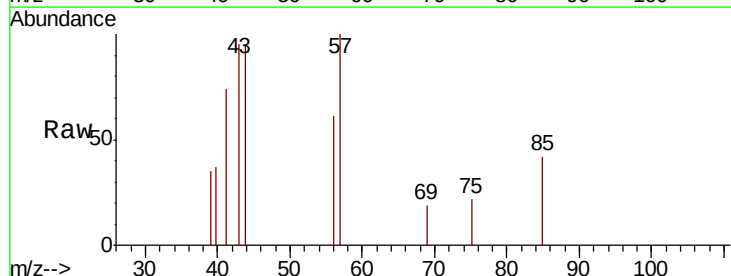
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ClientSampleId :
T2-MW-4-8.0-091019

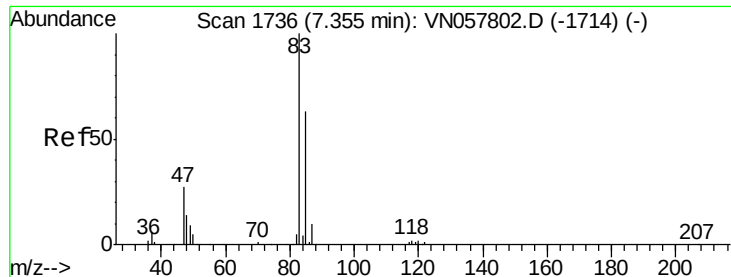
Tgt Ion: 84 Resp: 384
Ion Ratio Lower Upper
84 100
49 72.2 104.8 157.2#
51 79.4 33.0 49.4#
86 0.0 50.5 75.7#



#25
2-Butanone
Concen: 0.429 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.02 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
72 0.0 20.6 30.8#

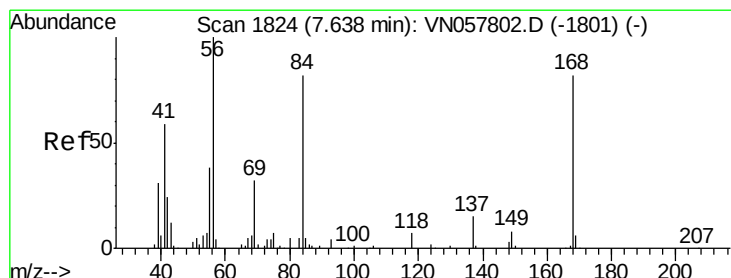
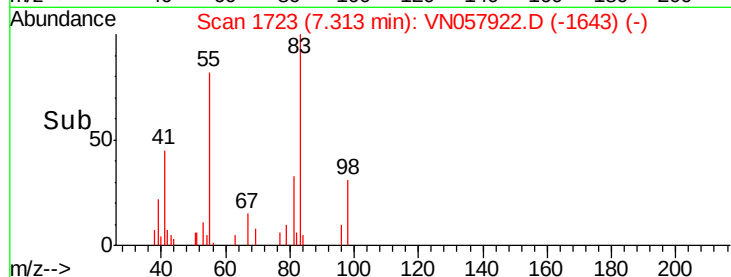
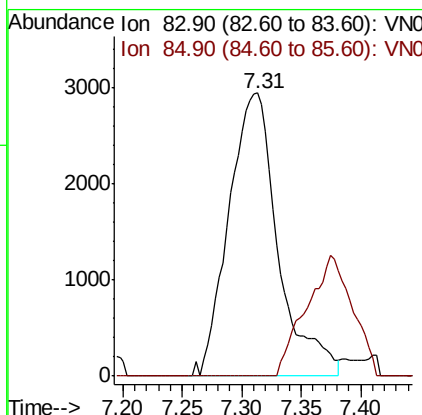
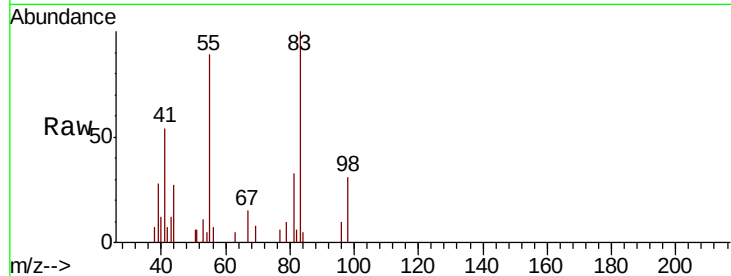




#30
Chloroform
Concen: 1.149 ug/l
RT: 7.31 min Scan# 1723
Delta R.T. -0.04 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

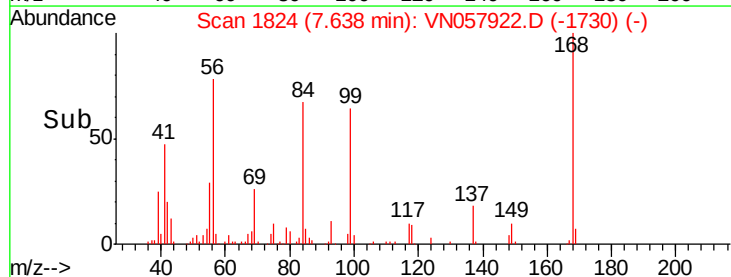
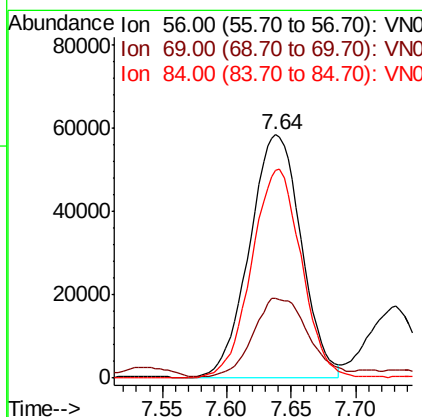
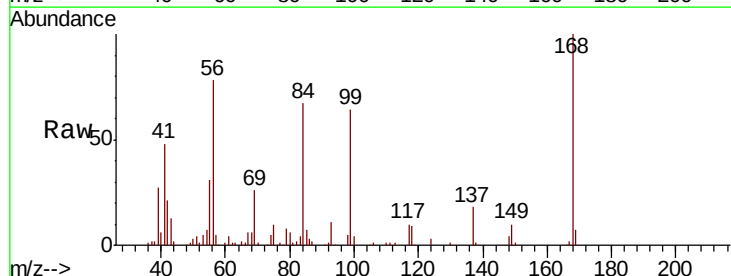
Instrument :
MSVOA_N
ClientSampleId :
T2-MW-4-8.0-091019

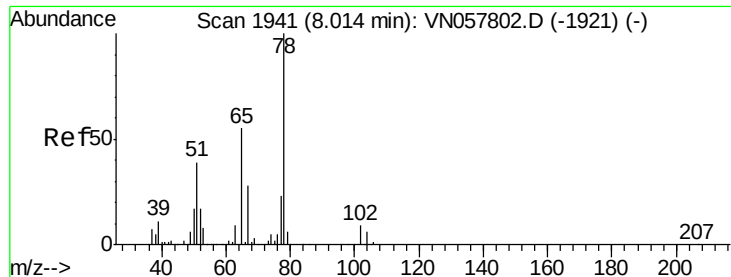
Tgt Ion: 83 Resp: 8483
Ion Ratio Lower Upper
83 100
85 0.0 50.6 75.8#



#31
Cyclohexane
Concen: 33.143 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

Tgt Ion: 56 Resp: 163154
Ion Ratio Lower Upper
56 100
69 32.0 25.9 38.9
84 85.6 65.6 98.4

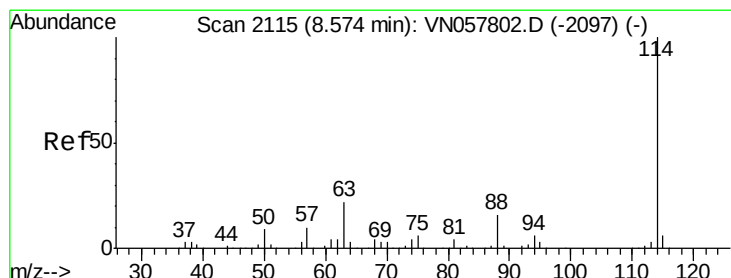
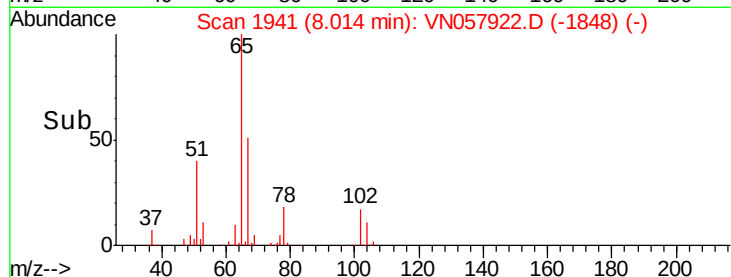
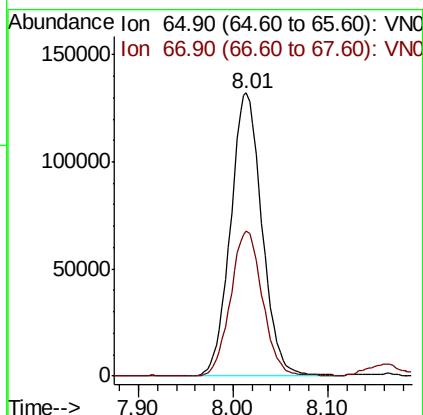
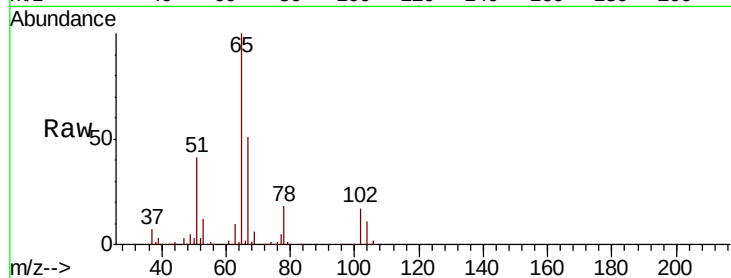




#33
 1,2-Dichloroethane-d4
 Concen: 57.086 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

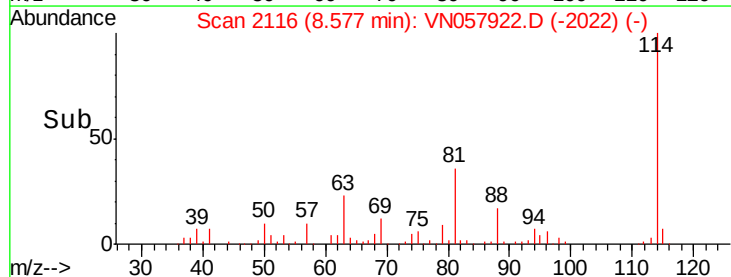
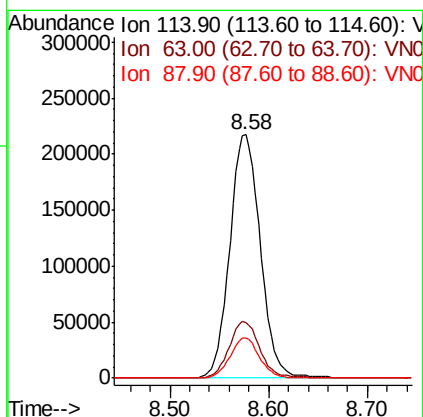
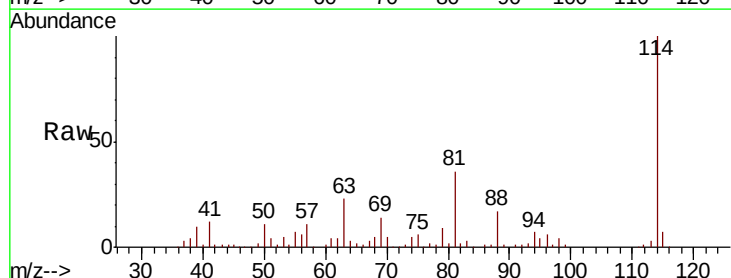
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-MW-4-8.0-091019

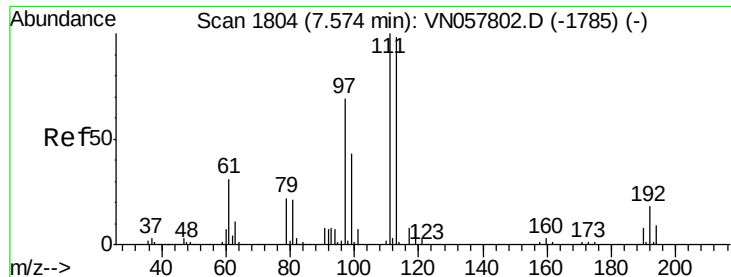
Tgt Ion: 65 Resp: 305776
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

Tgt Ion: 114 Resp: 469383
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.0
 88 16.7 0.0 31.4

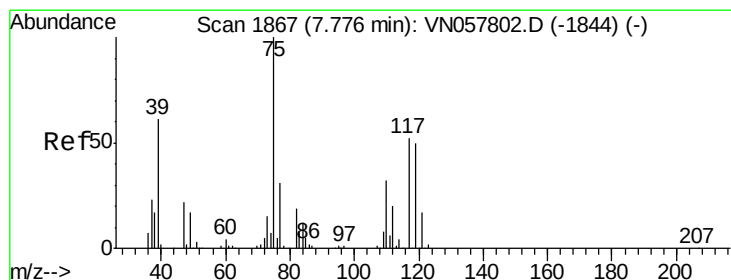
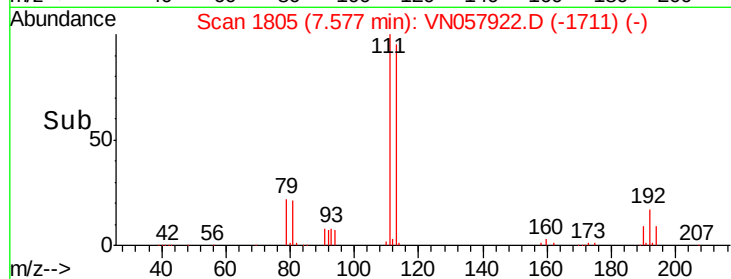
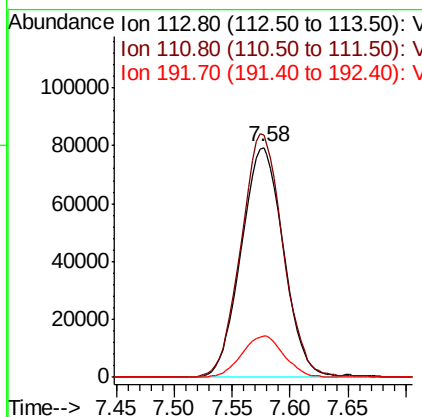
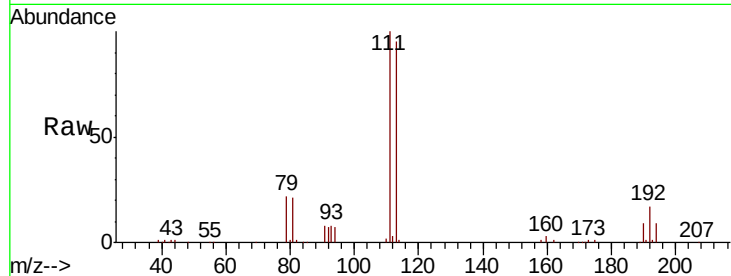




#35
 Dibromofluoromethane
 Concen: 46.644 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

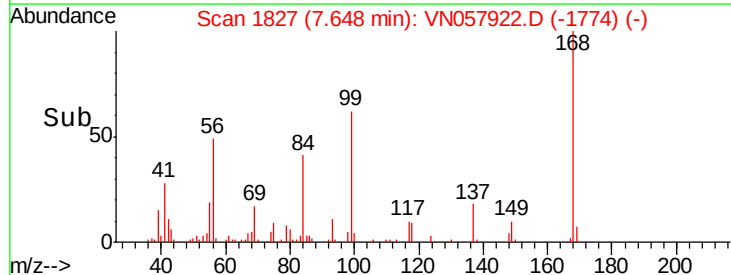
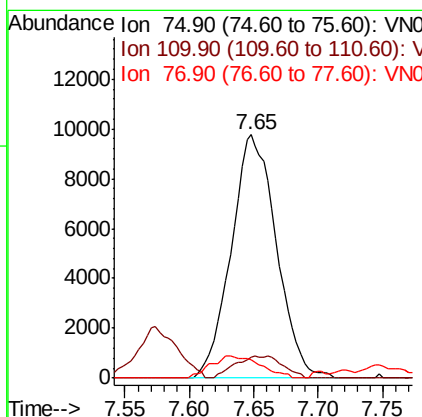
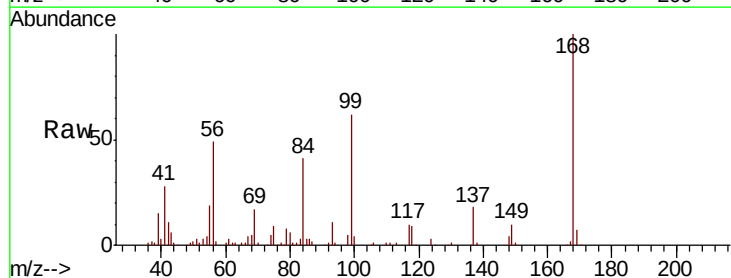
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-MW-4-8.0-091019

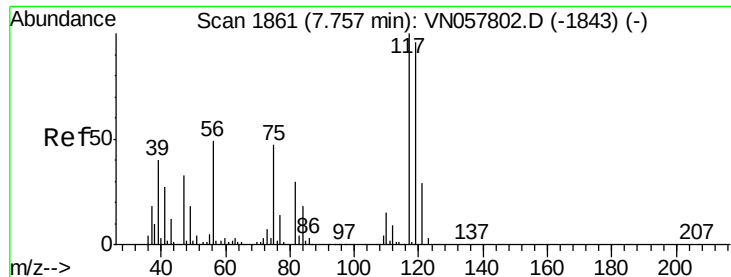
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.3	121.9
192	17.9	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 4.377 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.3	48.9#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 5.542 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

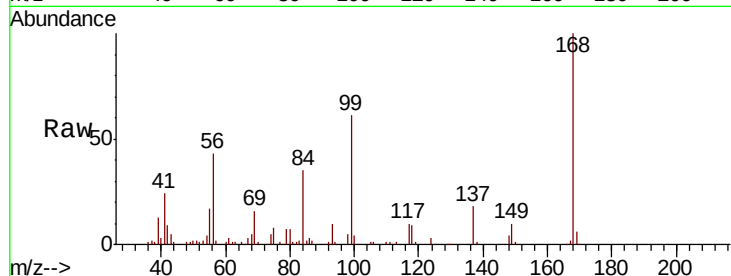
Tgt Ion:117 Resp: 27542

Ion Ratio Lower Upper

117 100

119 5.1 76.9 115.3#

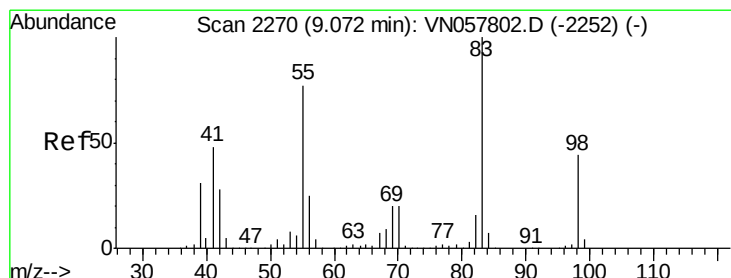
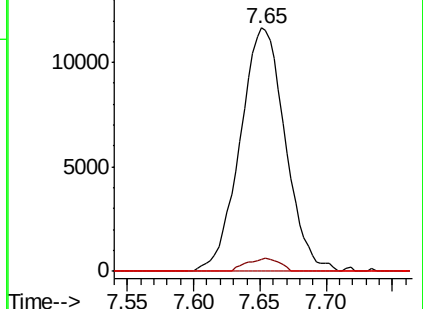
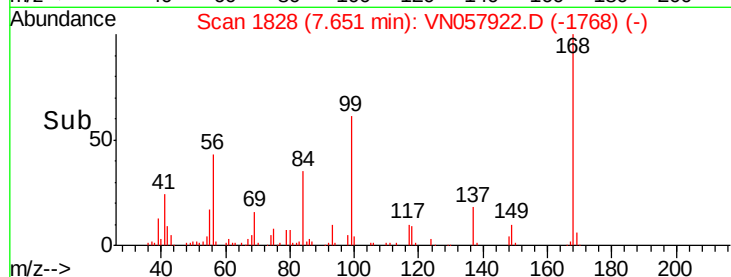
121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 49.737 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

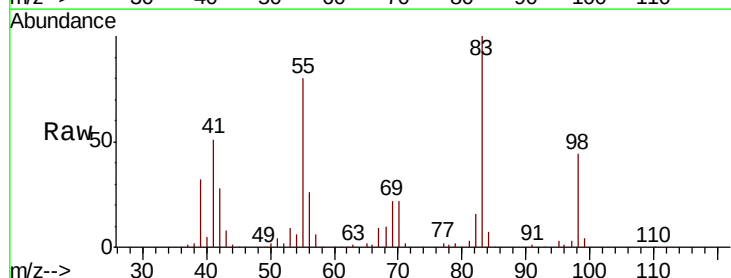
Tgt Ion: 83 Resp: 284620

Ion Ratio Lower Upper

83 100

55 79.6 61.6 92.4

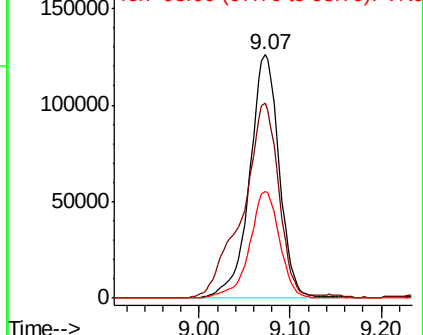
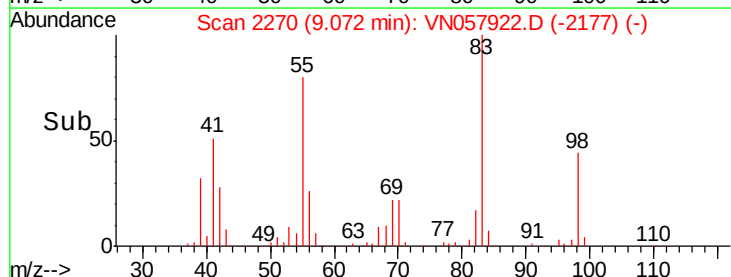
98 44.0 34.9 52.3

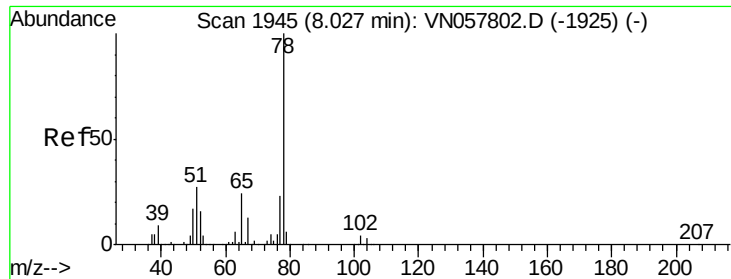


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 5.146 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

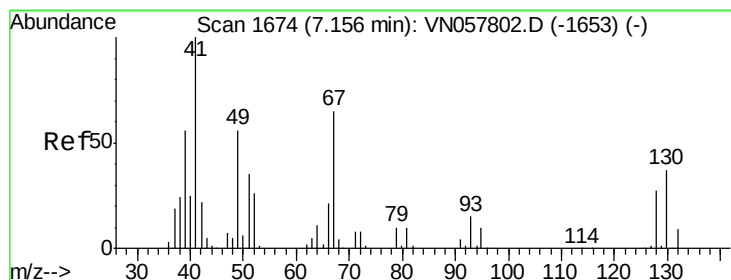
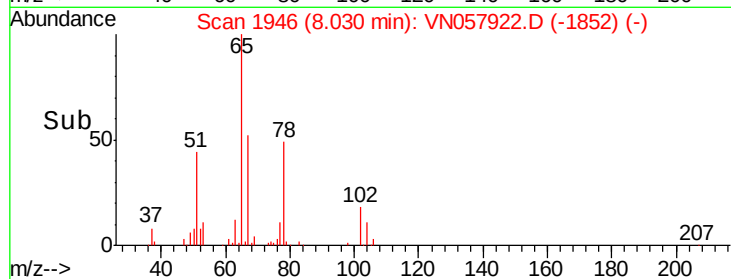
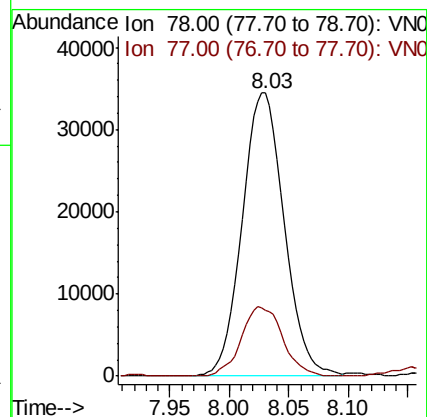
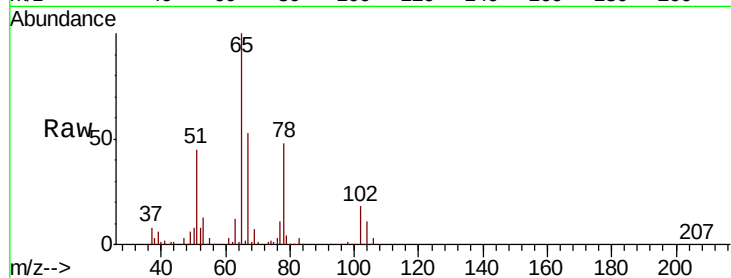
T2-MW-4-8.0-091019

Tgt Ion: 78 Resp: 84334

Ion Ratio Lower Upper

78 100

77 23.4 18.3 27.5



#41

Methacrylonitrile

Concen: 0.703 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.03 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Tgt Ion: 41 Resp: 1795

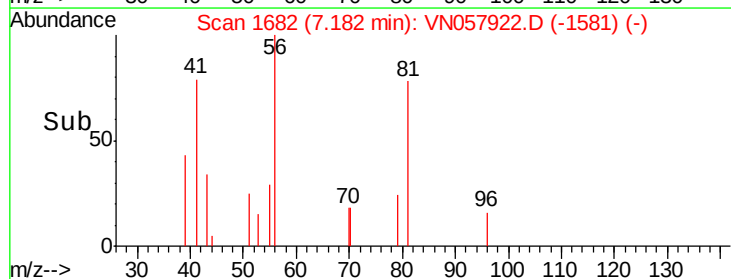
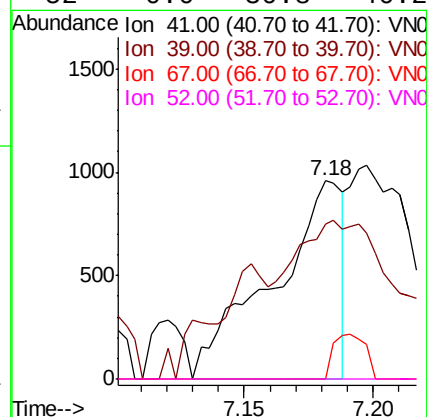
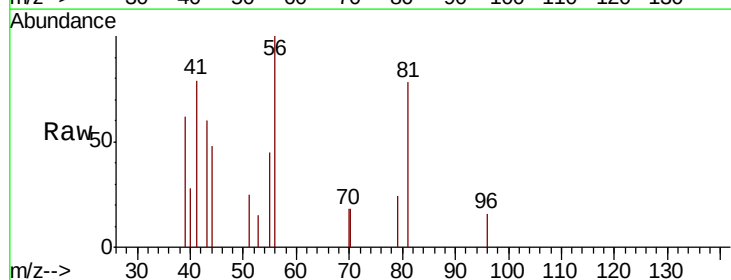
Ion Ratio Lower Upper

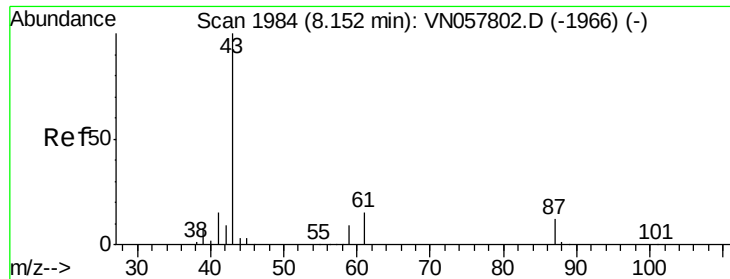
41 100

39 89.7 51.0 76.6#

67 0.0 70.7 106.1#

52 0.0 30.8 46.2#





#43

Isopropyl Acetate

Concen: 1.913 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.02 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

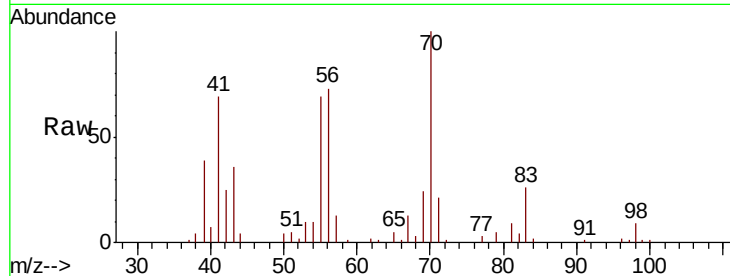
Tgt Ion: 43 Resp: 18092

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

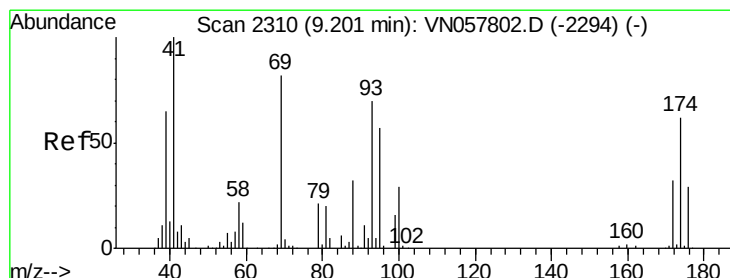
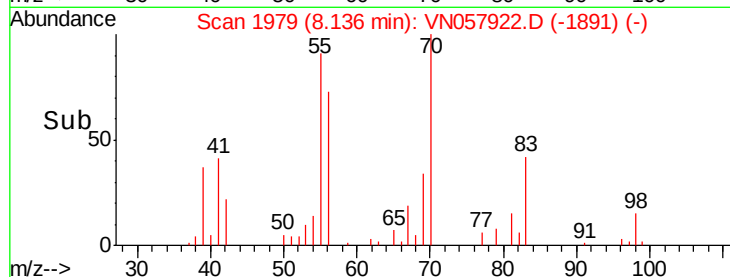
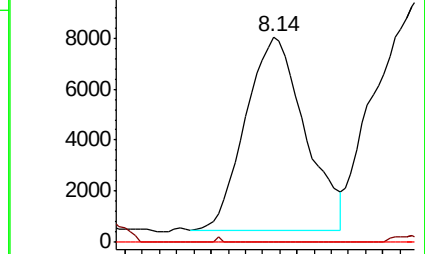
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN057922.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN057922.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN057922.D (-1979) (-)



#46

Dibromomethane

Concen: 0.413 ug/l

RT: 9.15 min Scan# 2294

Delta R.T. -0.05 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

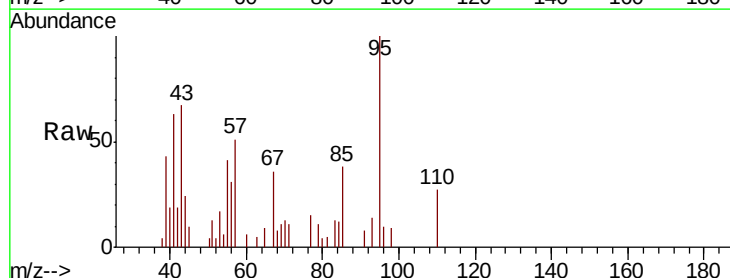
Tgt Ion: 93 Resp: 1189

Ion Ratio Lower Upper

93 100

95 763.4 65.9 98.9#

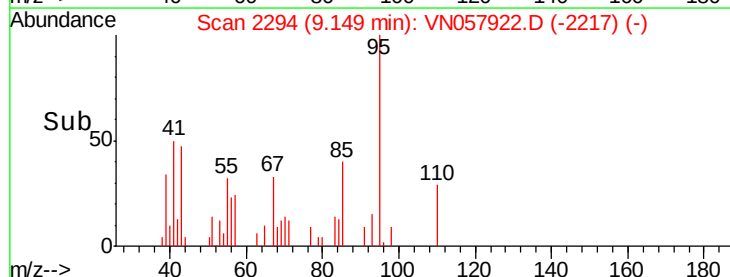
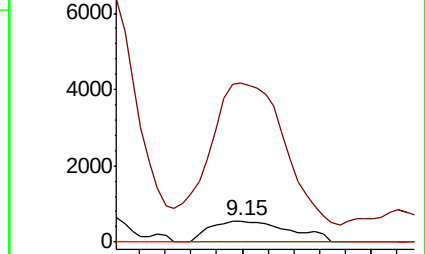
174 0.0 71.8 107.6#

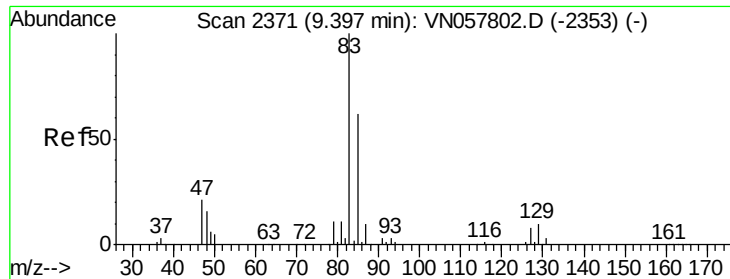


Abundance Ion 92.80 (92.50 to 93.50): VN057922.D (-2294) (-)

Ion 94.80 (94.50 to 95.50): VN057922.D (-2294) (-)

Ion 173.70 (173.40 to 174.40): VN057922.D (-2294) (-)





#47

Bromodichloromethane

Concen: 0.496 ug/l

RT: 9.35 min Scan# 2355

Delta R.T. -0.05 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

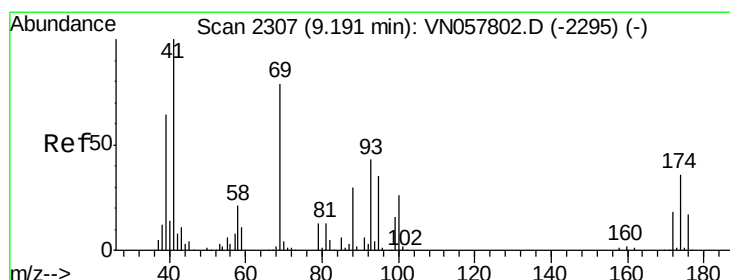
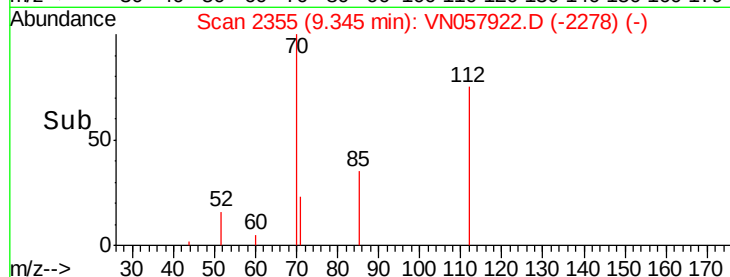
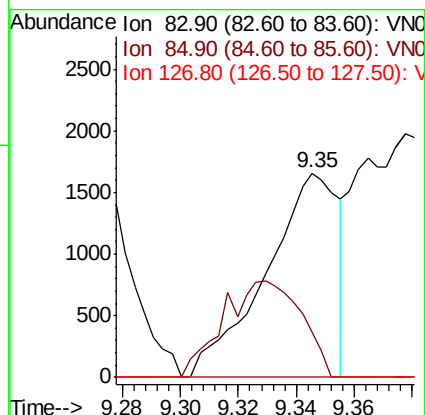
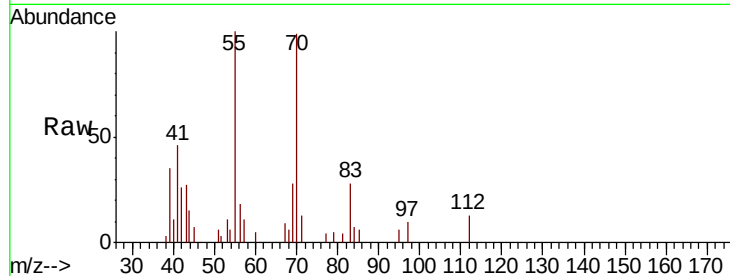
Tgt Ion: 83 Resp: 2856

Ion Ratio Lower Upper

83 100

85 22.1 49.9 74.9#

127 0.0 6.5 9.7#



#48

Methyl methacrylate

Concen: 5.855 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.07 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

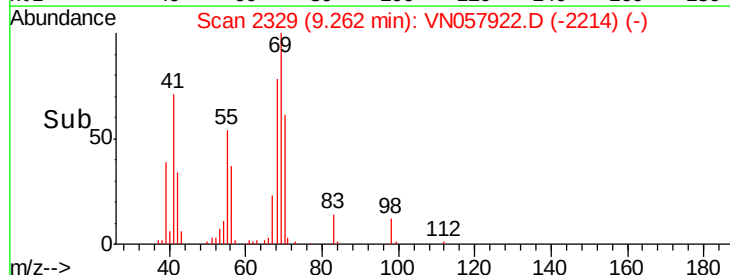
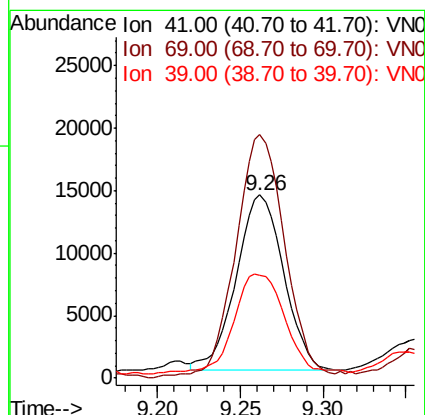
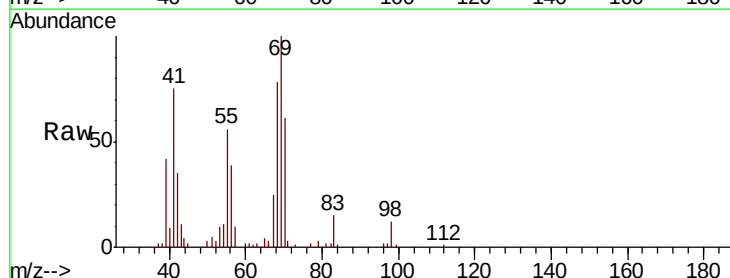
Tgt Ion: 41 Resp: 28091

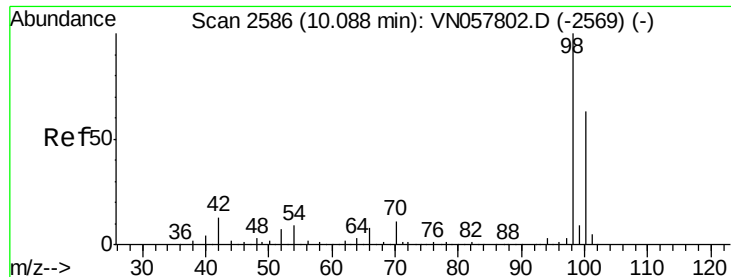
Ion Ratio Lower Upper

41 100

69 143.6 62.7 94.1#

39 62.4 52.7 79.1





#50

Toluene-d8

Concen: 50.386 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

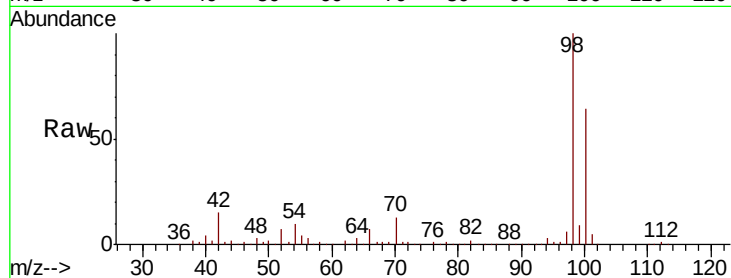
T2-MW-4-8.0-091019

Tgt Ion: 98 Resp: 847496

Ion Ratio Lower Upper

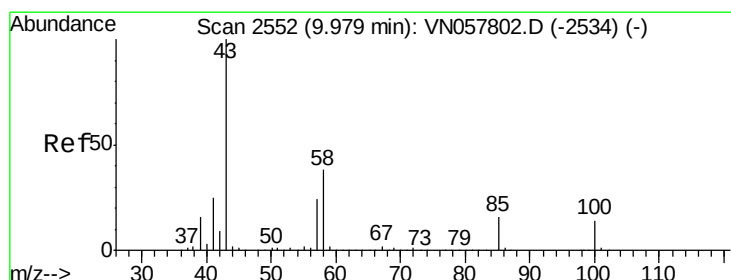
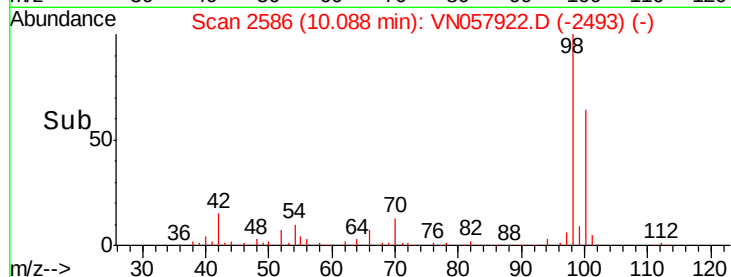
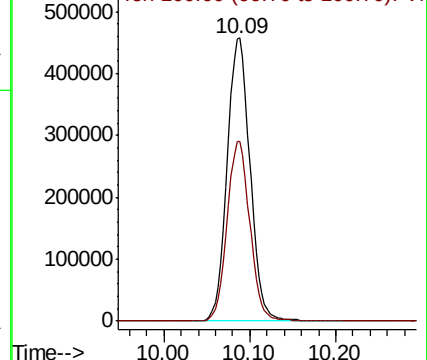
98 100

100 63.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.210 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.01 min

Lab File: VN057922.D

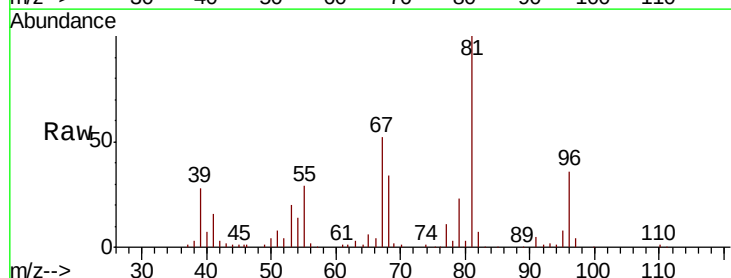
Acq: 11 Sep 2019 13:57

Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

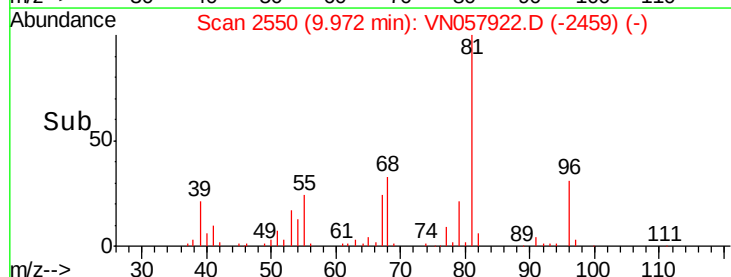
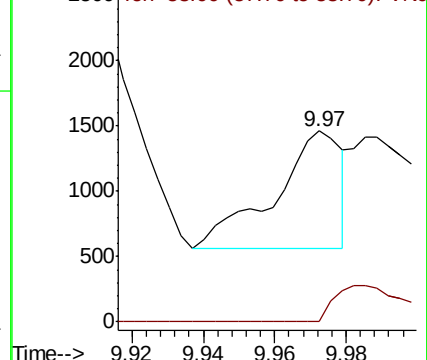
43 100

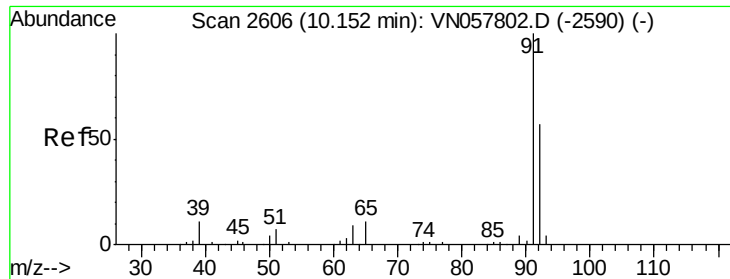
58 28.6 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 2.142 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

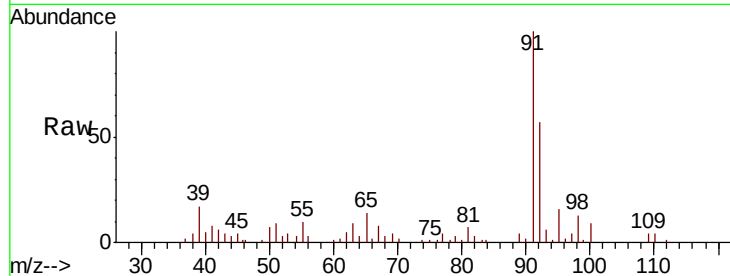
T2-MW-4-8.0-091019

Tgt Ion: 92 Resp: 22113

Ion Ratio Lower Upper

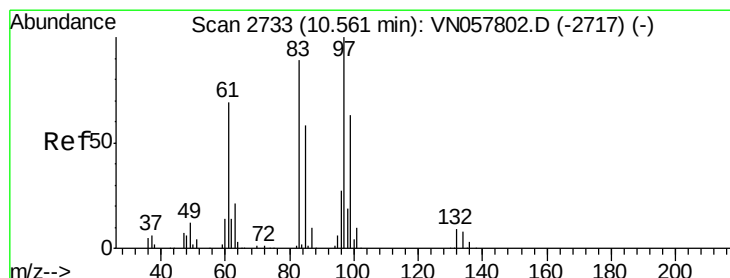
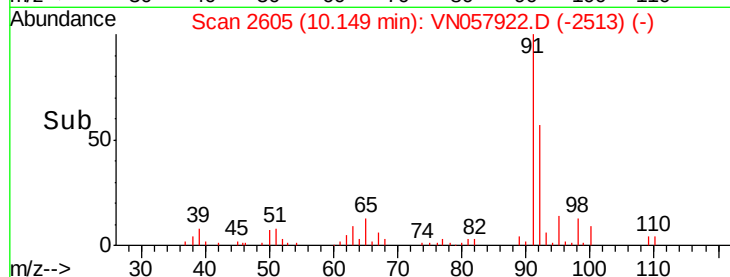
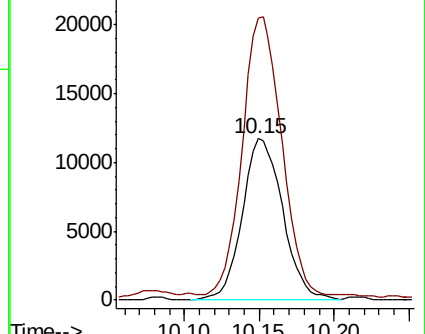
92 100

91 167.4 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)



#55

1,1,2-Trichloroethane

Concen: 9.407 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Tgt Ion: 97 Resp: 41133

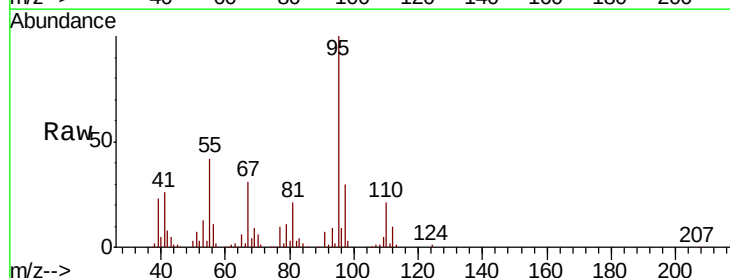
Ion Ratio Lower Upper

97 100

83 10.2 70.8 106.2#

85 0.8 46.0 69.0#

99 0.0 50.6 76.0#

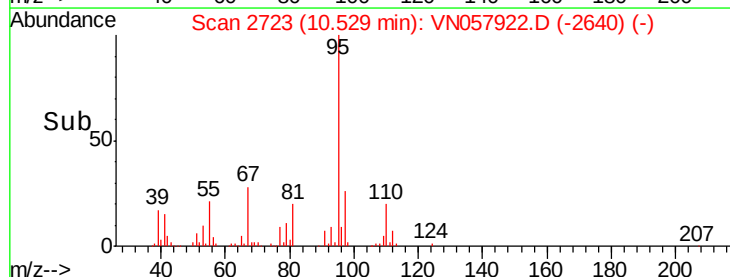
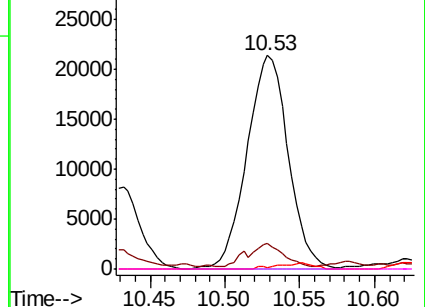


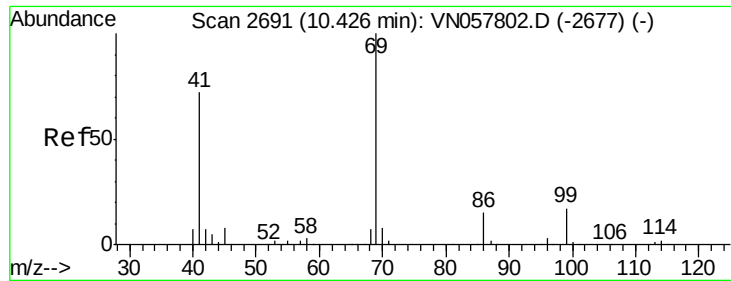
Abundance Ion 96.90 (96.60 to 97.60): VN057802.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN057802.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN057802.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-2717) (-)





#56

Ethyl methacrylate

Concen: 0.461 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

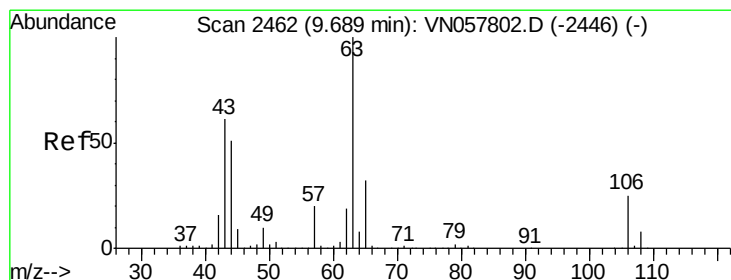
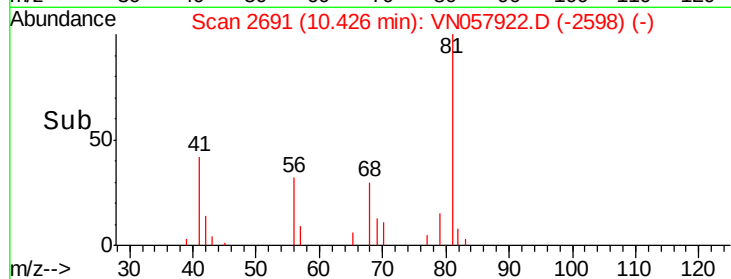
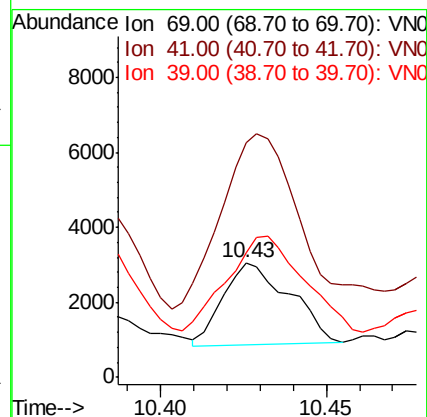
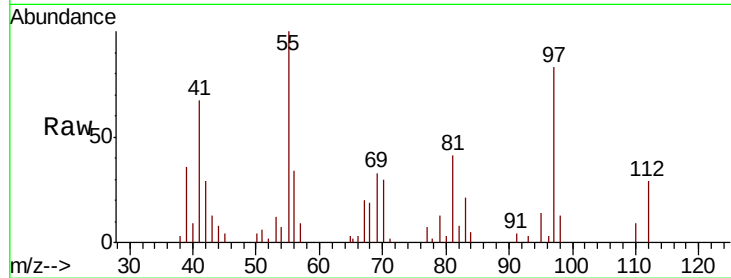
Tgt Ion: 69 Resp: 3036

Ion Ratio Lower Upper

69 100

41 254.8 56.7 85.1#

39 134.3 36.3 54.5#



#58

2-Chloroethyl Vinyl ether

Concen: 0.249 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.03 min

Lab File: VN057922.D

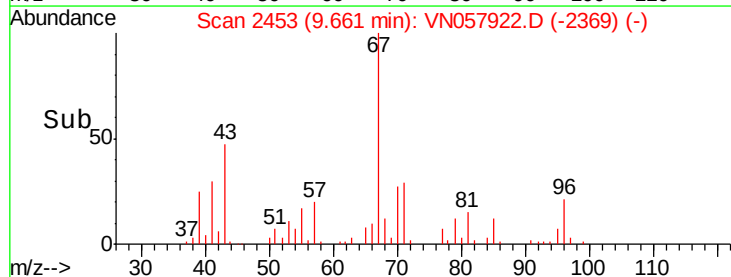
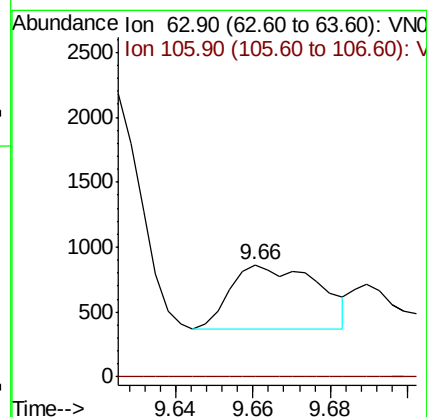
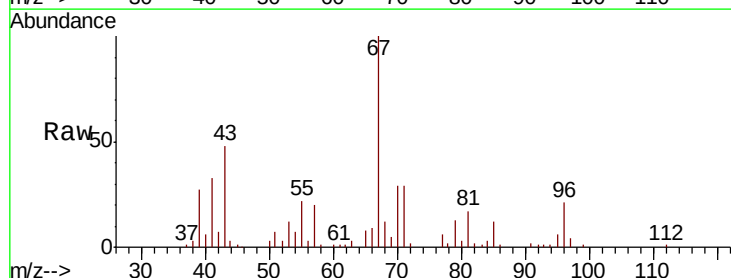
Acq: 11 Sep 2019 13:57

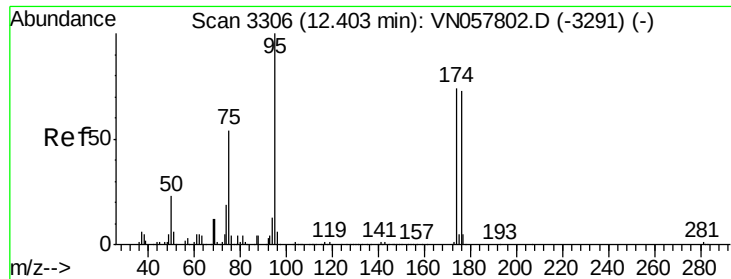
Tgt Ion: 63 Resp: 772

Ion Ratio Lower Upper

63 100

106 0.0 20.0 30.0#

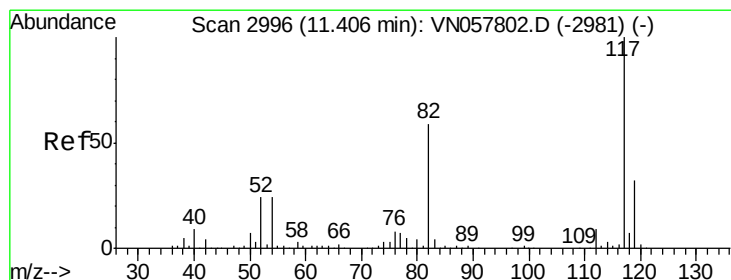
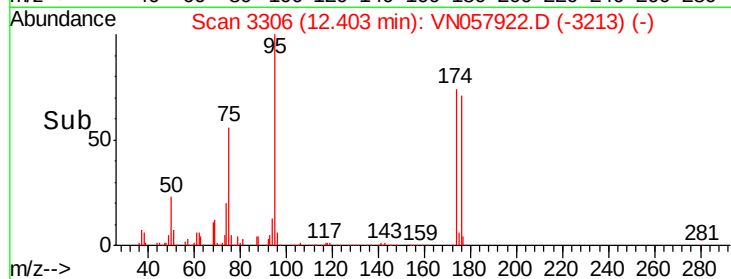
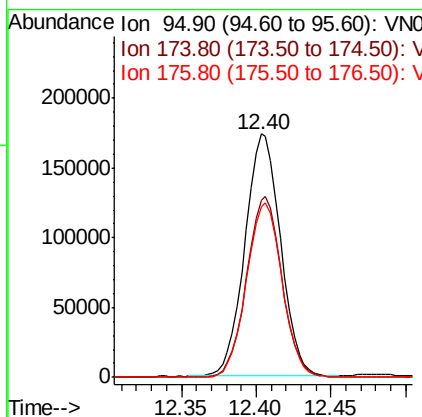
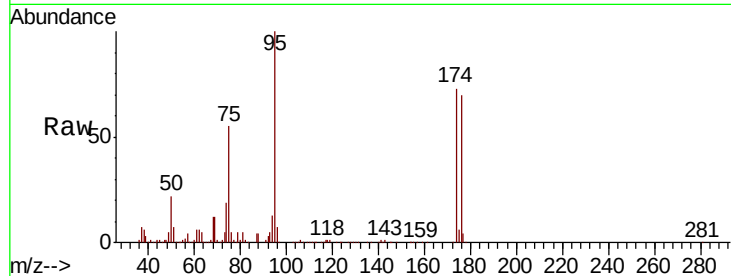




#62
4-Bromofluorobenzene
Concen: 45.037 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

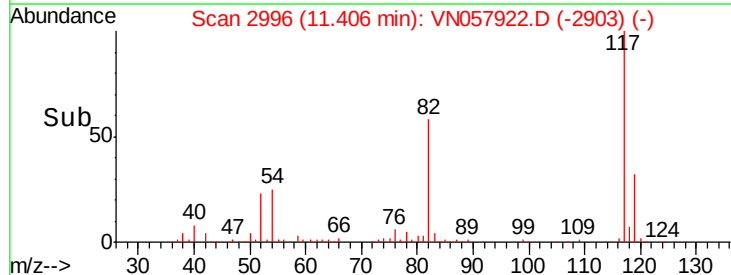
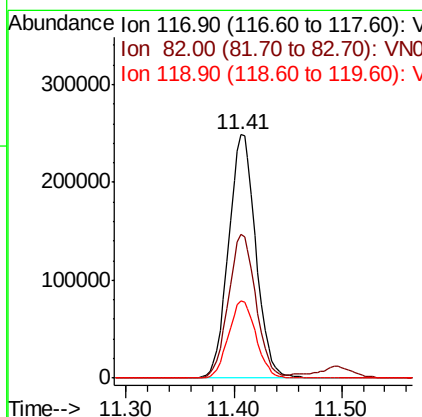
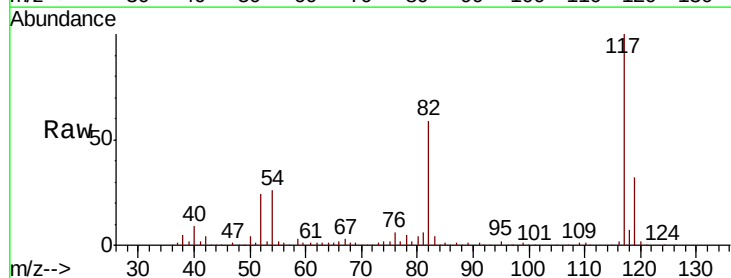
Instrument :
MSVOA_N
ClientSampleId :
T2-MW-4-8.0-091019

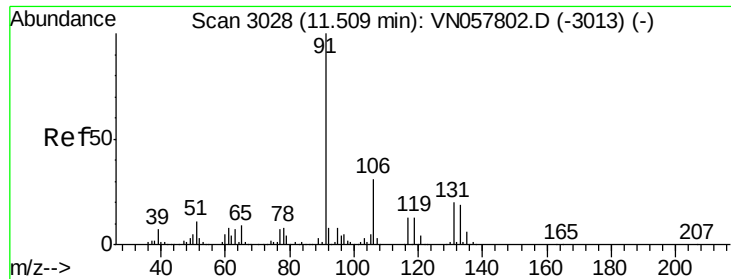
Tgt Ion: 95 Resp: 288680
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.2
176 71.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

Tgt Ion: 117 Resp: 437677
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 31.9 25.3 37.9

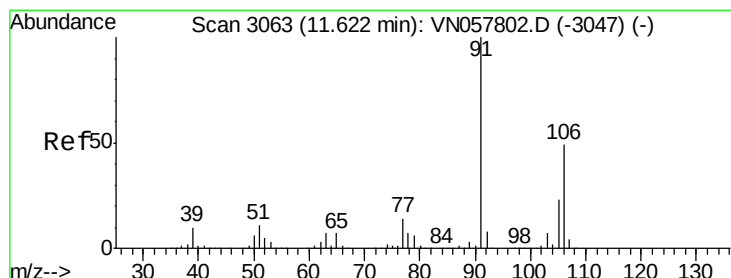
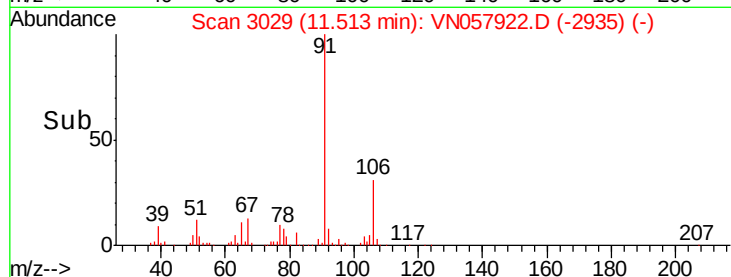
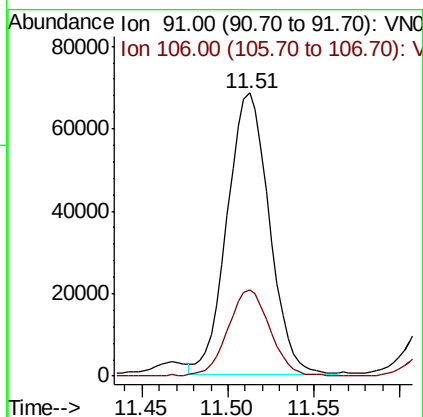
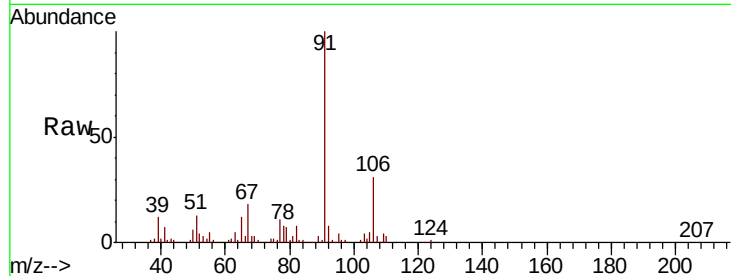




#67
Ethyl Benzene
Concen: 5.785 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

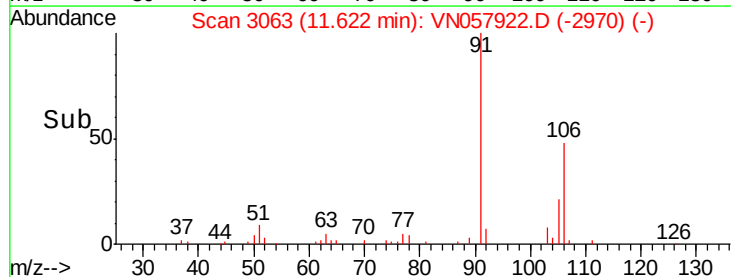
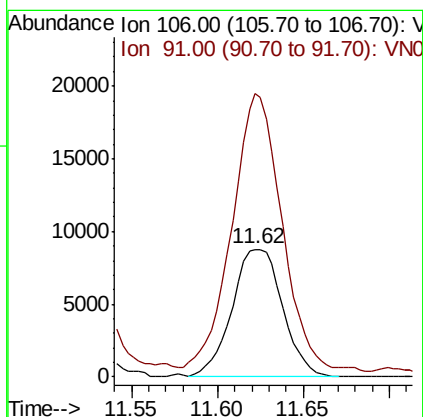
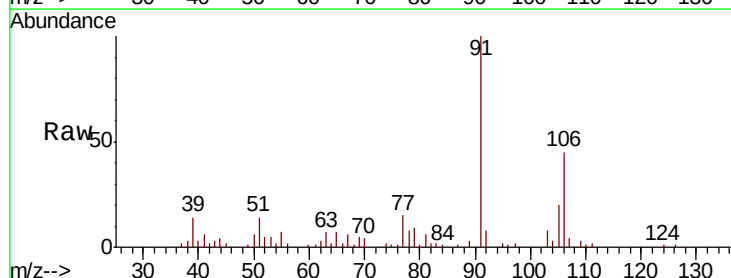
Instrument :
MSVOA_N
ClientSampleId :
T2-MW-4-8.0-091019

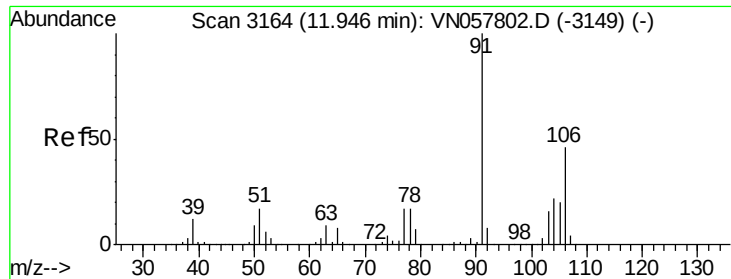
Tgt Ion: 91 Resp: 116133
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6



#68
m/p-Xylenes
Concen: 2.437 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

Tgt Ion: 106 Resp: 17916
Ion Ratio Lower Upper
106 100
91 208.5 165.8 248.6

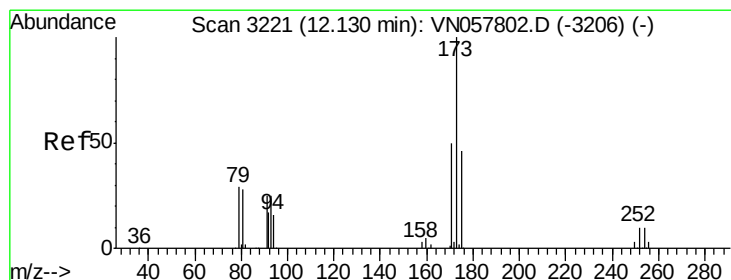
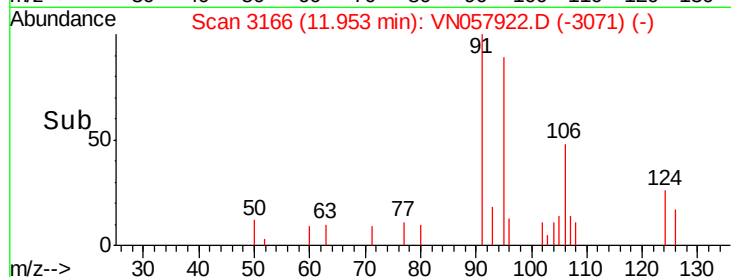
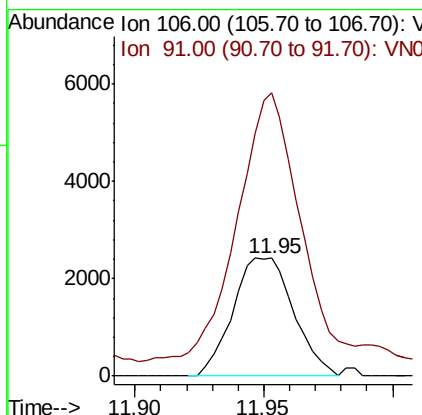
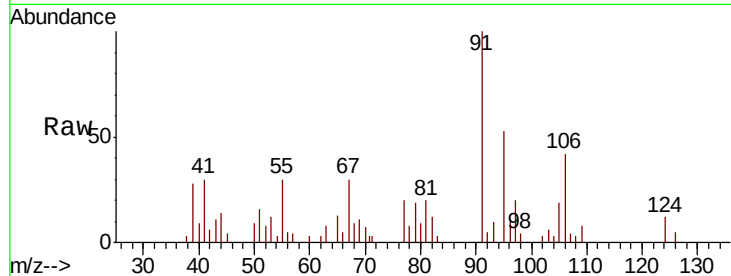




#69
o-Xylene
Concen: 0.543 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

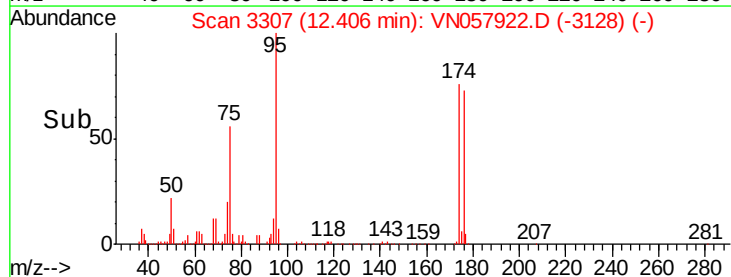
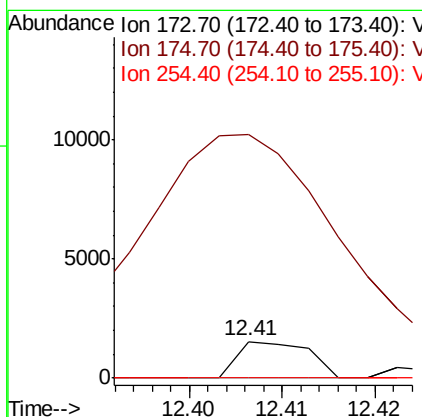
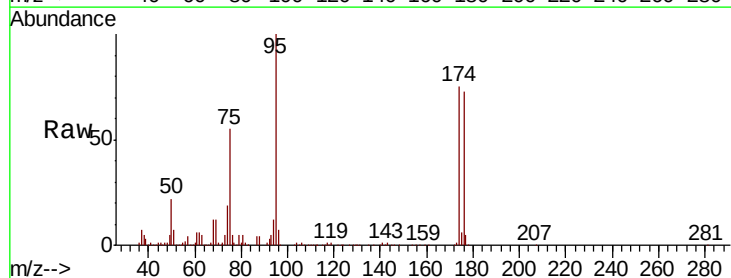
Instrument :
MSVOA_N
ClientSampleId :
T2-MW-4-8.0-091019

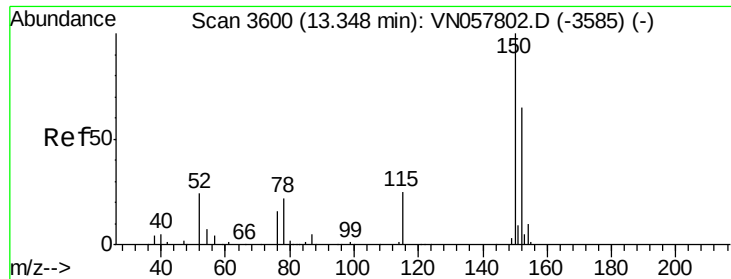
Tgt Ion:106 Resp: 3966
Ion Ratio Lower Upper
106 100
91 244.1 108.7 326.1



#71
Bromoform
Concen: 0.328 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN057922.D
Acq: 11 Sep 2019 13:57

Tgt Ion:173 Resp: 812
Ion Ratio Lower Upper
173 100
175 1726.8 23.5 70.6#
254 0.0 0.1 0.1#

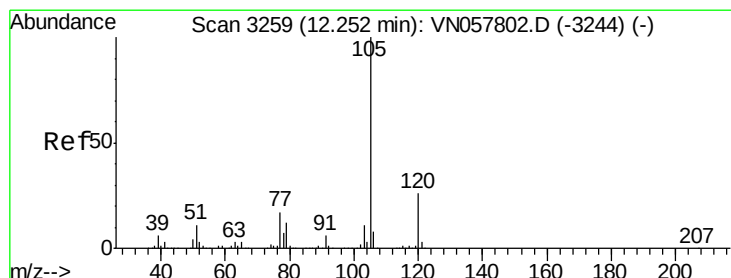
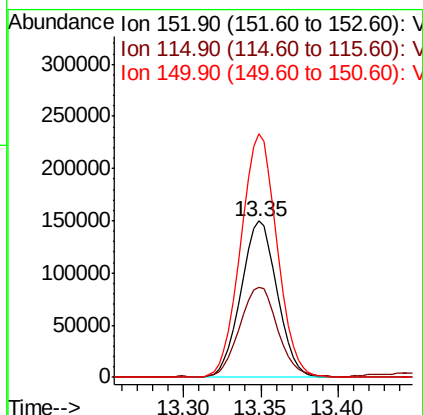
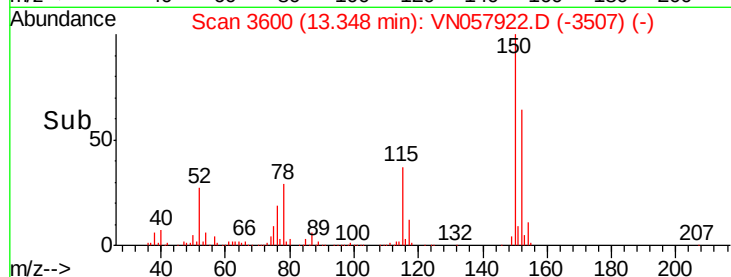
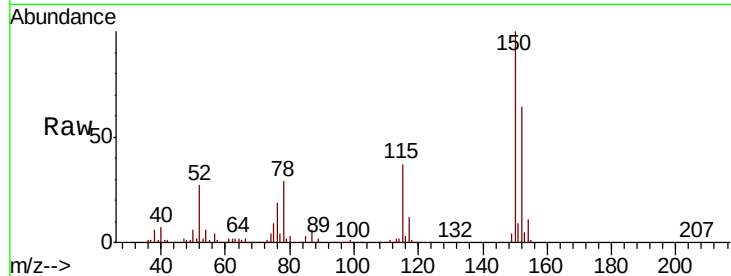




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

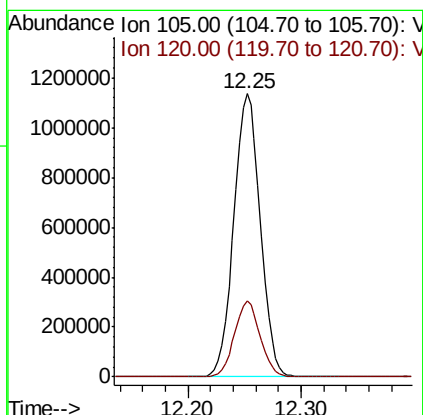
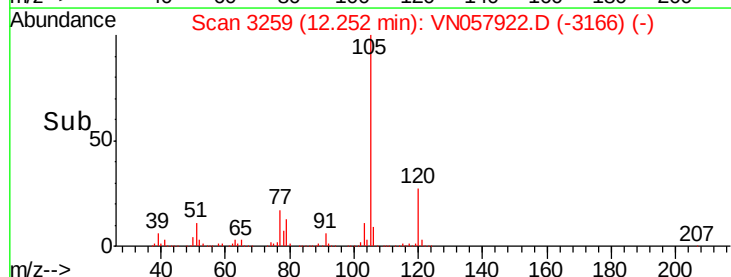
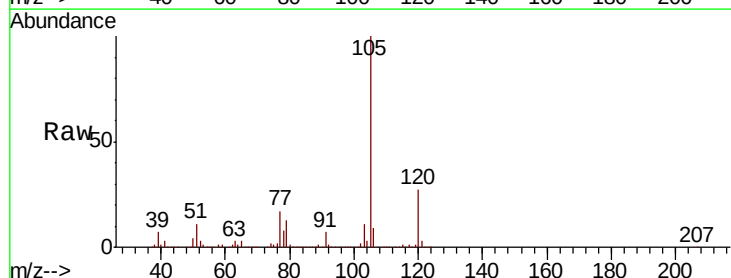
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-MW-4-8.0-091019

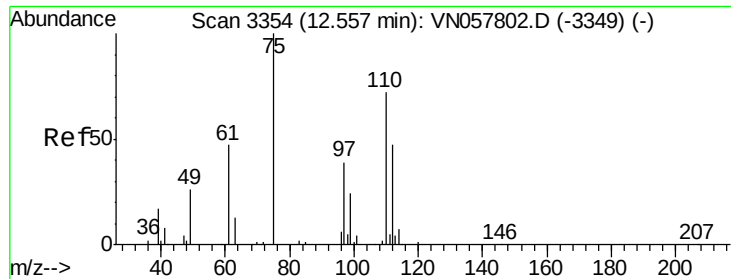
Tgt Ion:152 Resp: 244139
 Ion Ratio Lower Upper
 152 100
 115 59.7 30.3 91.0
 150 156.3 0.0 352.4



#73
 Isopropylbenzene
 Concen: 97.362 ug/l
 RT: 12.25 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

Tgt Ion:105 Resp: 1844464
 Ion Ratio Lower Upper
 105 100
 120 26.2 12.8 38.4





#76

1,2,3-Trichloropropane

Concen: 5.322 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

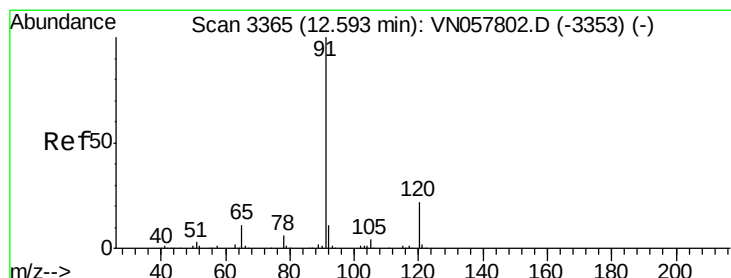
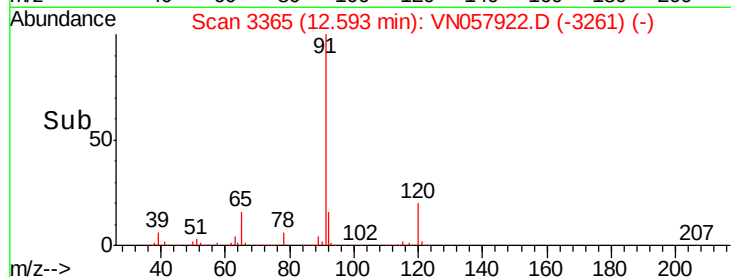
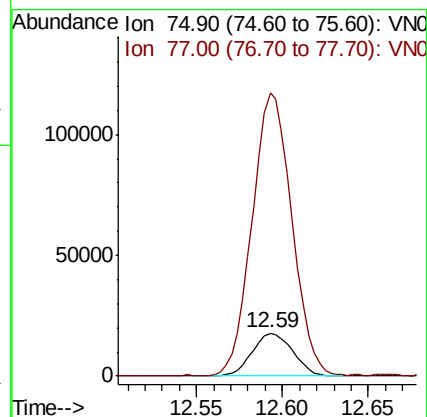
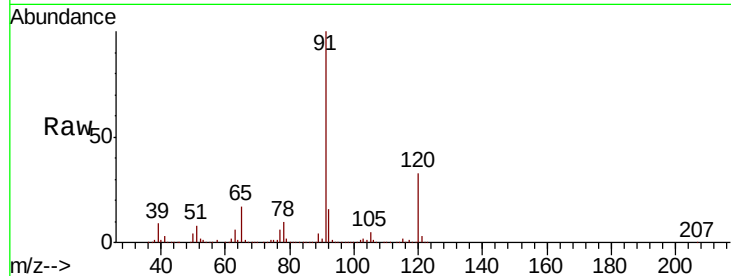
T2-MW-4-8.0-091019

Tgt Ion: 75 Resp: 29393

Ion Ratio Lower Upper

75 100

77 637.8 0.0 0.0#



#78

n-propylbenzene

Concen: 166.954 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057922.D

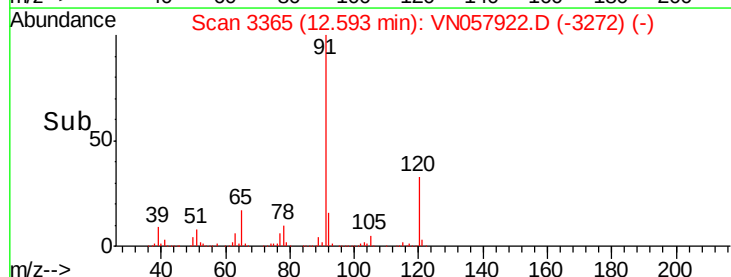
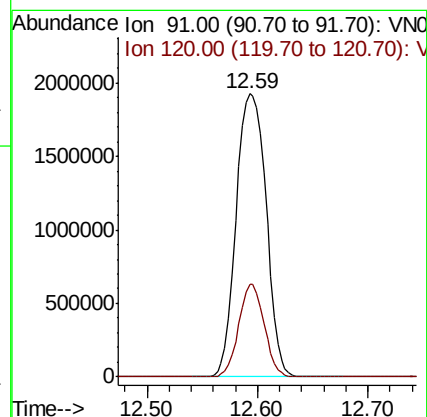
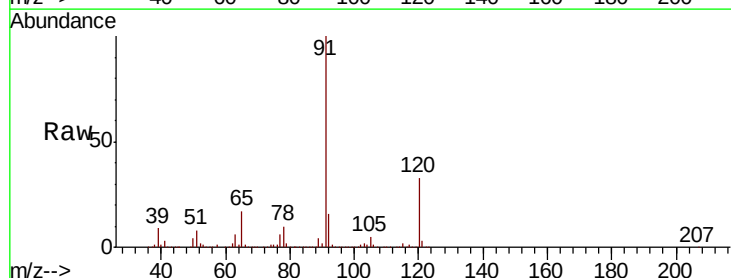
Acq: 11 Sep 2019 13:57

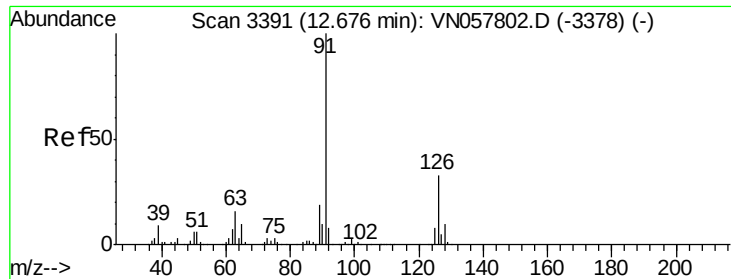
Tgt Ion: 91 Resp: 3631922

Ion Ratio Lower Upper

91 100

120 27.8 11.1 33.1





#79

2-Chlorotoluene

Concen: 264.154 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

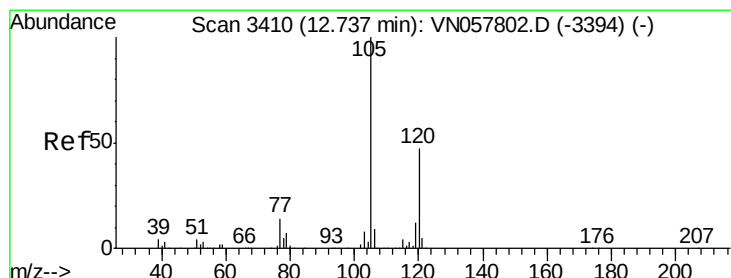
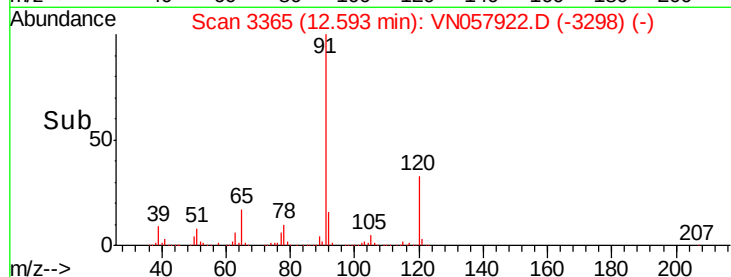
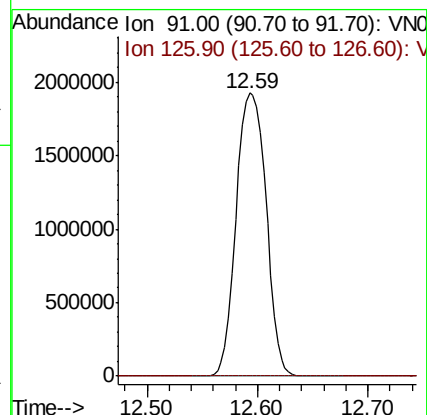
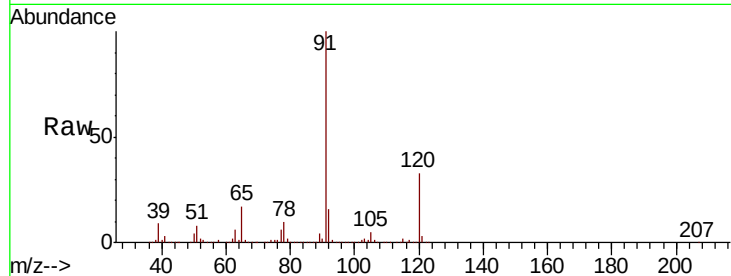
T2-MW-4-8.0-091019

Tgt Ion: 91 Resp: 3631922

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.2#



#80

1,3,5-Trimethylbenzene

Concen: 12.221 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. 0.16 min

Lab File: VN057922.D

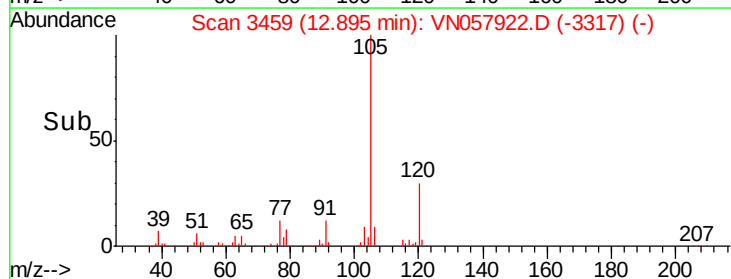
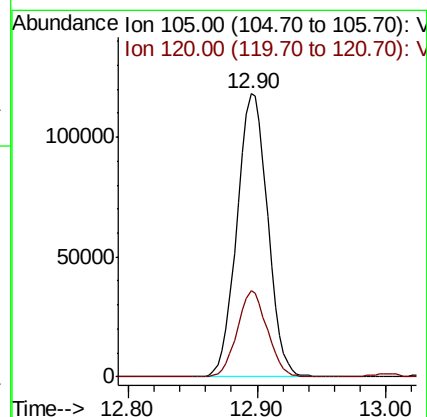
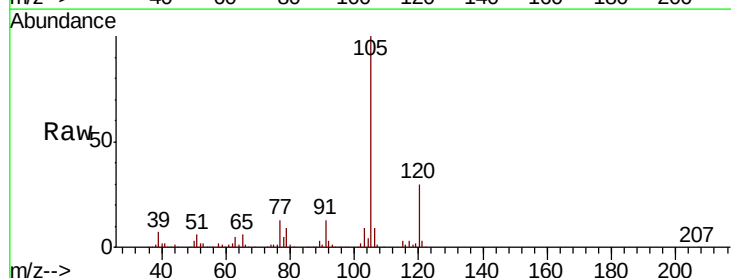
Acq: 11 Sep 2019 13:57

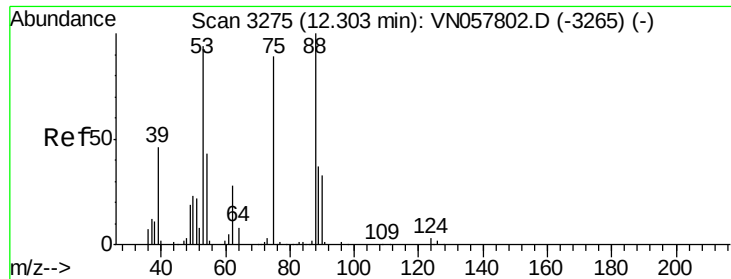
Tgt Ion: 105 Resp: 195622

Ion Ratio Lower Upper

105 100

120 29.7 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 14.854 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.05 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

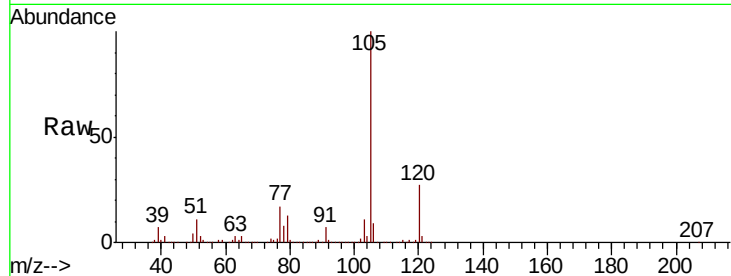
Tgt Ion: 75 Resp: 23313

Ion Ratio Lower Upper

75 100

53 103.3 88.4 132.6

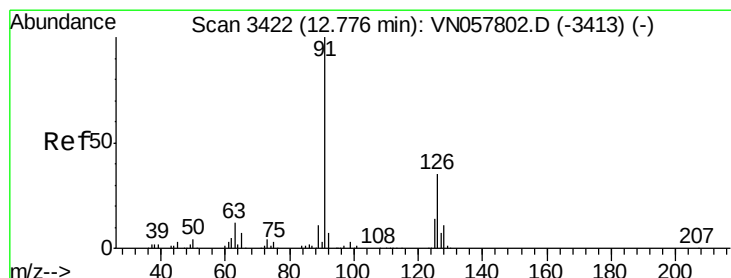
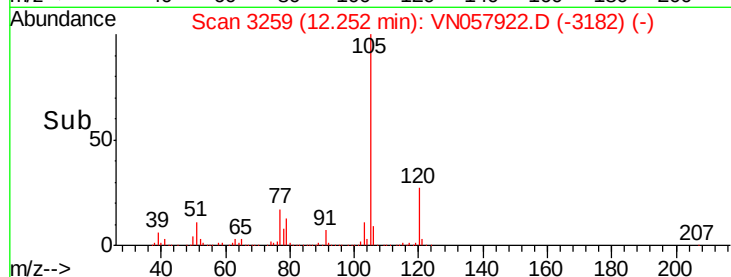
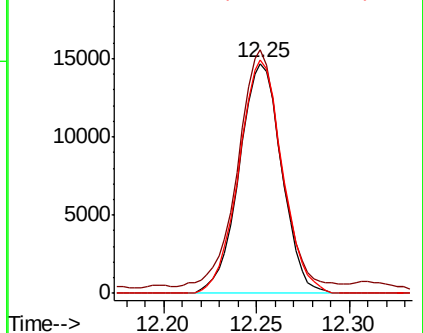
89 104.1 35.3 52.9#



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: 257.228 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN057922.D

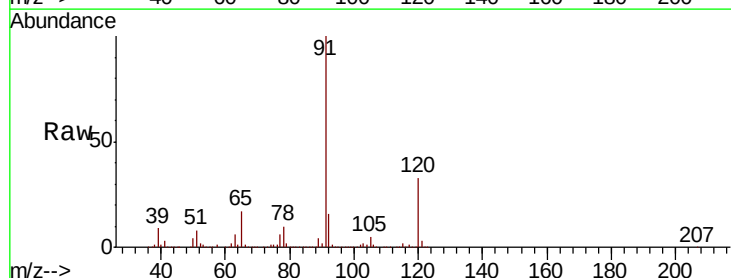
Acq: 11 Sep 2019 13:57

Tgt Ion: 91 Resp: 3631922

Ion Ratio Lower Upper

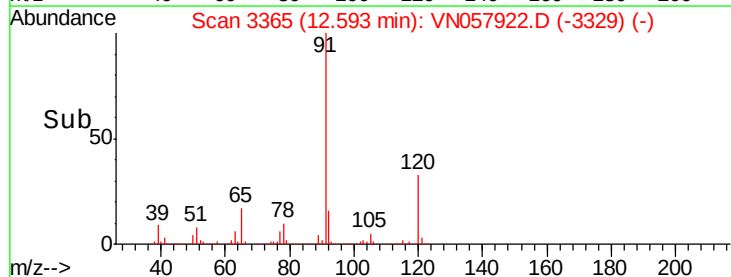
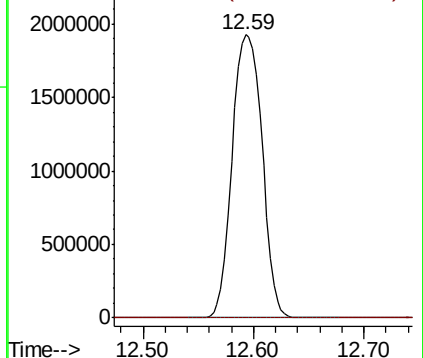
91 100

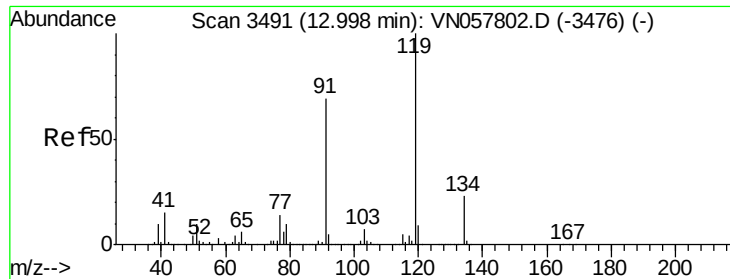
126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

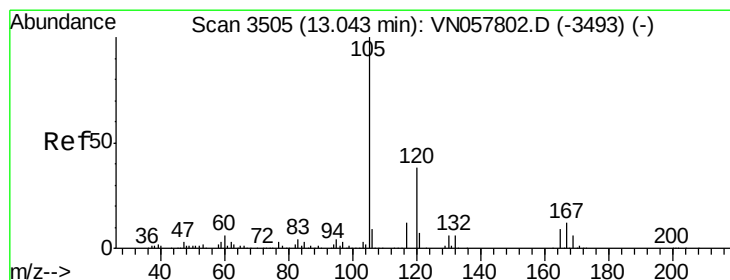
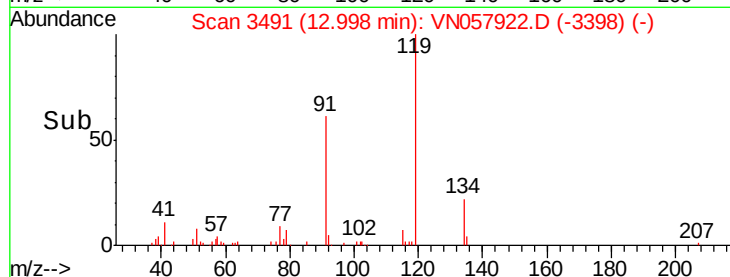
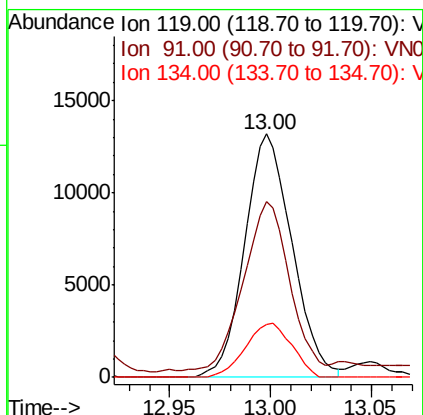
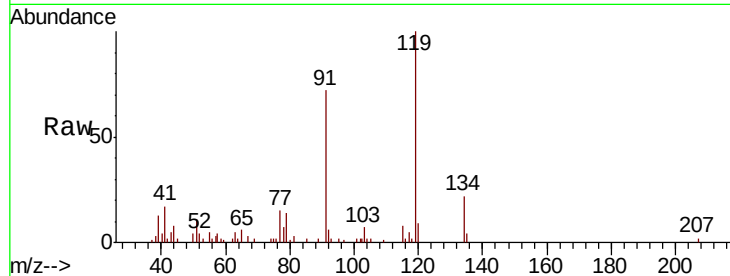




#83
 tert-Butylbenzene
 Concen: 1.523 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

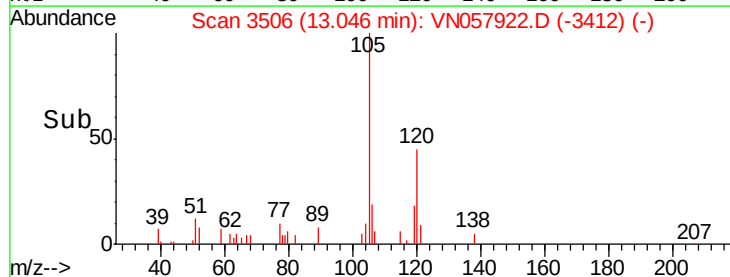
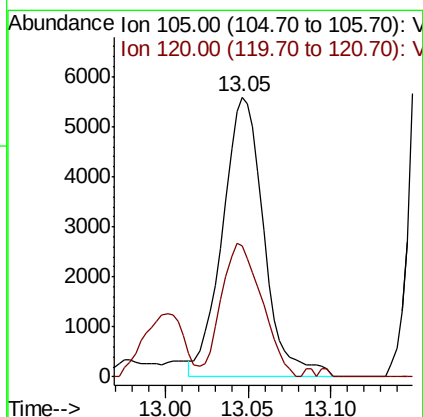
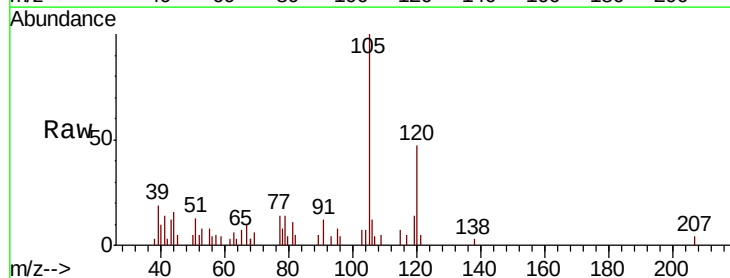
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-MW-4-8.0-091019

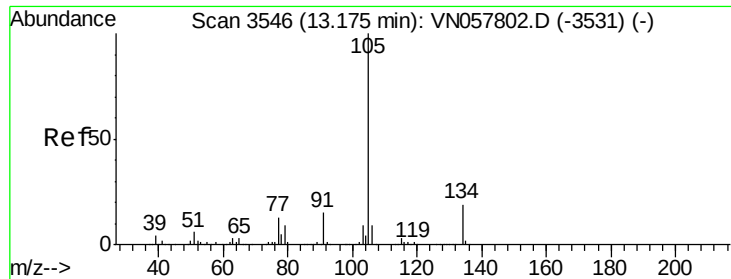
Tgt Ion:119 Resp: 21668
 Ion Ratio Lower Upper
 119 100
 91 69.0 33.6 100.8
 134 21.8 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.597 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

Tgt Ion:105 Resp: 9706
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.4 67.2





#85

sec-Butylbenzene

Concen: 15.945 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

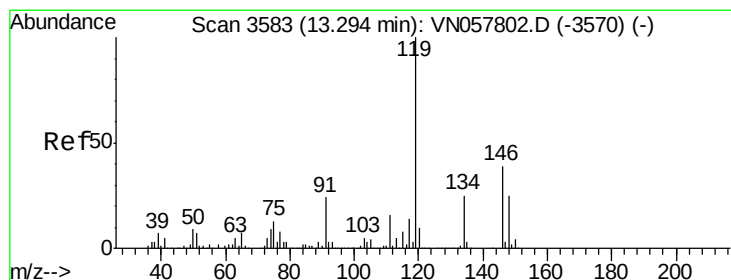
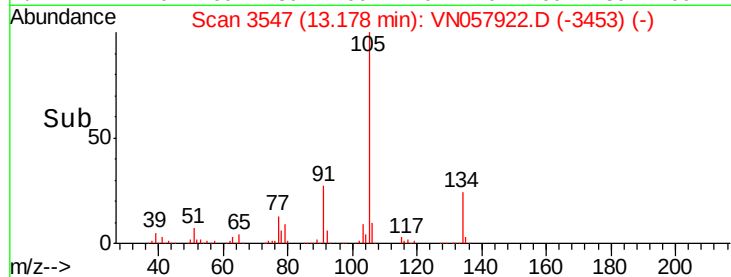
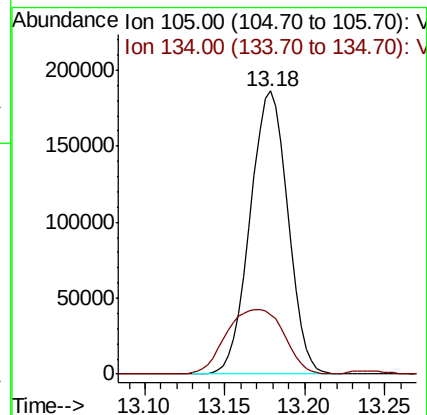
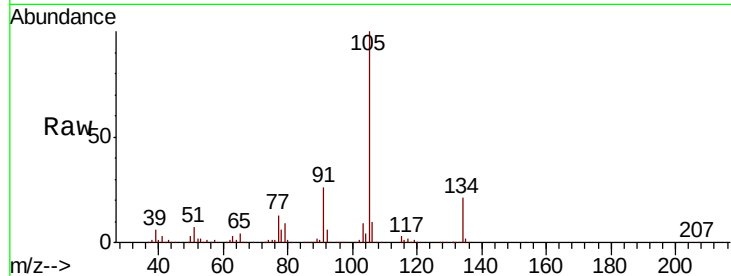
T2-MW-4-8.0-091019

Tgt Ion:105 Resp: 300708

Ion Ratio Lower Upper

105 100

134 35.1 9.6 28.6#



#86

p-Isopropyltoluene

Concen: 4.466 ug/l

RT: 13.45 min Scan# 3631

Delta R.T. 0.15 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

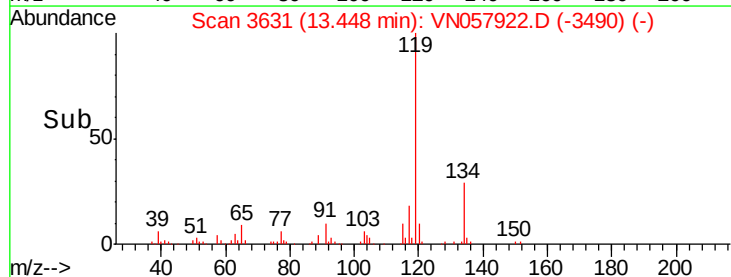
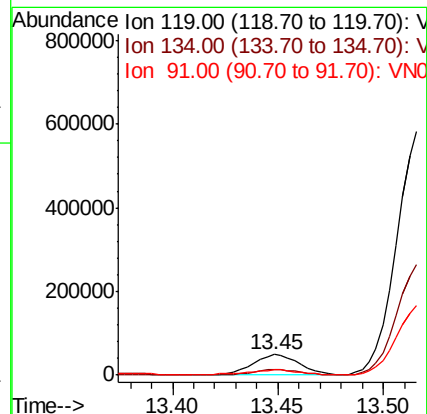
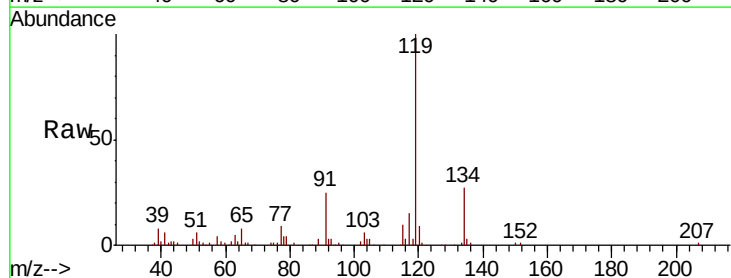
Tgt Ion:119 Resp: 74206

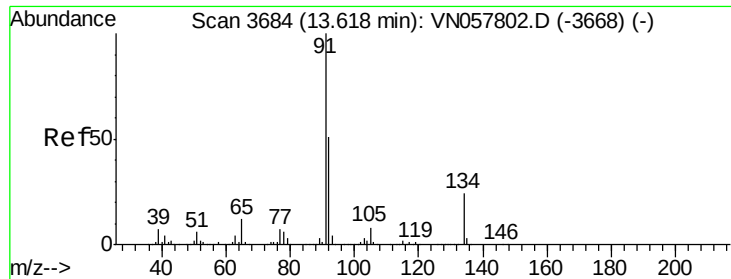
Ion Ratio Lower Upper

119 100

134 26.8 12.5 37.5

91 0.0 12.3 36.8#





#89

n-Butylbenzene

Concen: 30.066 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

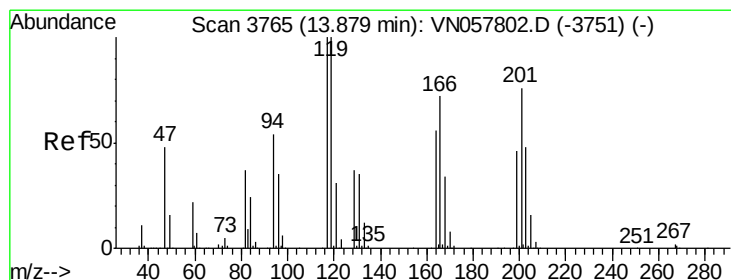
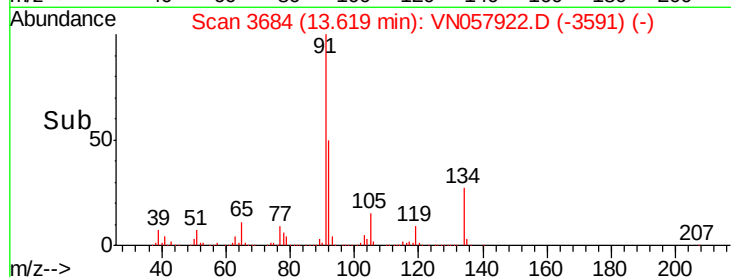
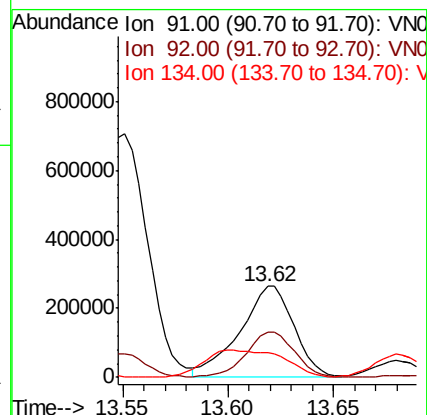
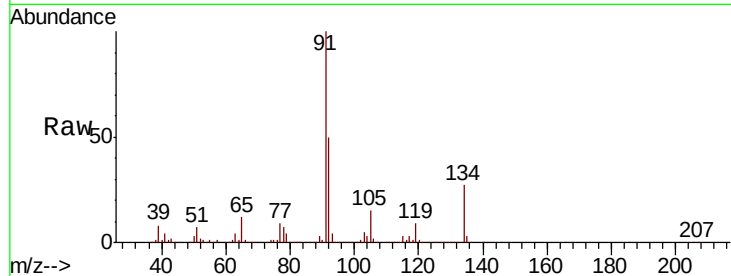
Tgt Ion: 91 Resp: 471796

Ion Ratio Lower Upper

91 100

92 44.4 25.7 77.0

134 43.8 11.9 35.7#



#90

Hexachloroethane

Concen: 160.522 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN057922.D

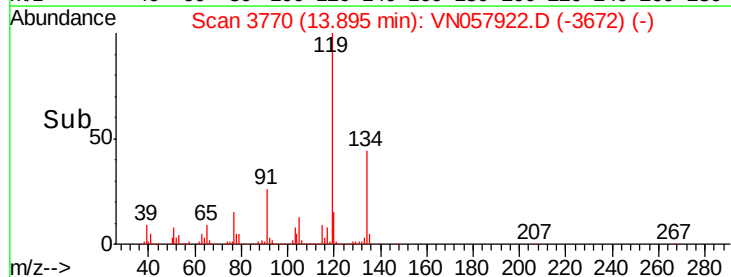
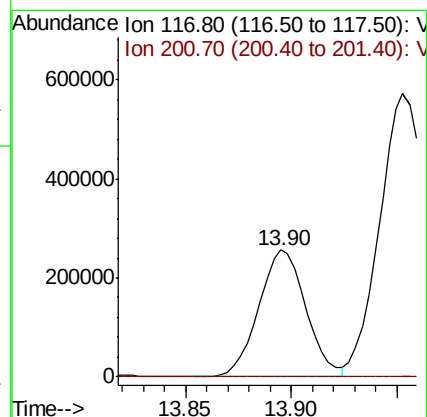
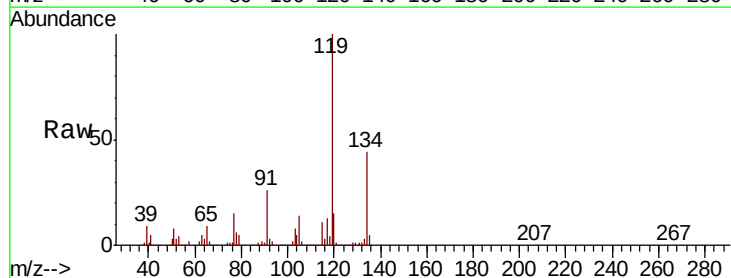
Acq: 11 Sep 2019 13:57

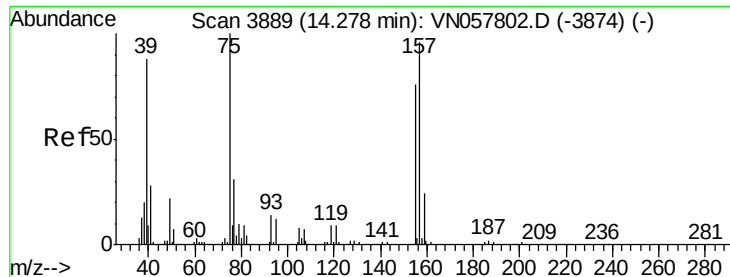
Tgt Ion: 117 Resp: 396689

Ion Ratio Lower Upper

117 100

201 0.0 37.5 112.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.732 ug/l

RT: 14.30 min Scan# 3897

Delta R.T. 0.03 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

T2-MW-4-8.0-091019

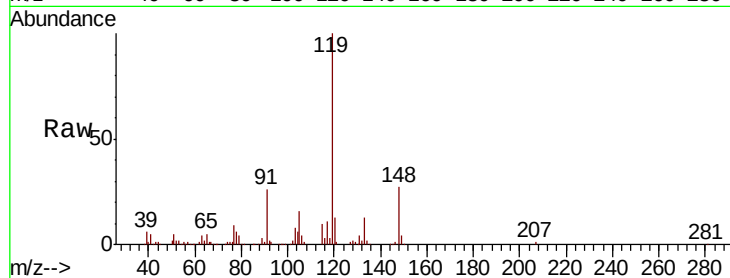
Tgt Ion: 75 Resp: 1824

Ion Ratio Lower Upper

75 100

155 0.0 37.3 111.8#

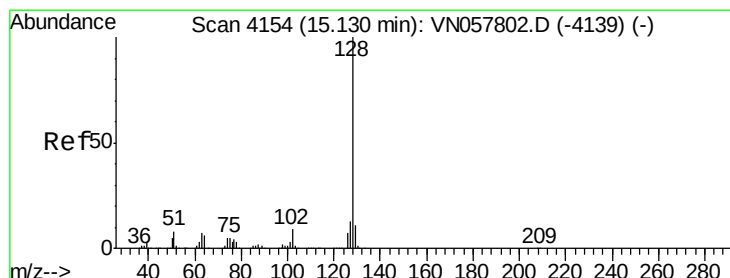
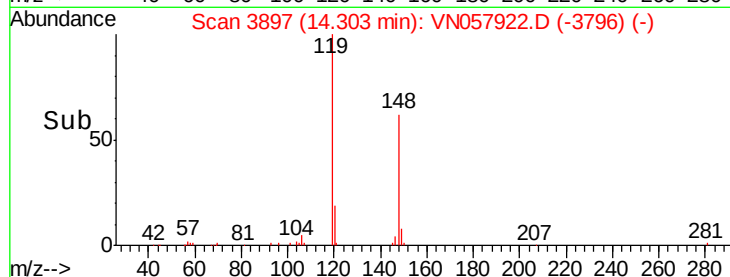
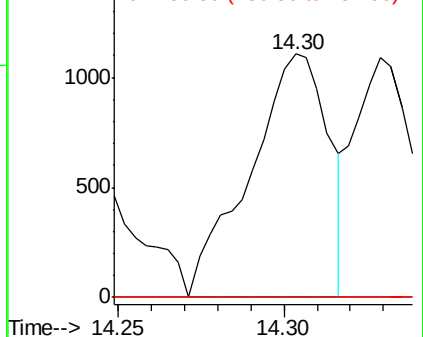
157 0.0 47.9 143.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057922.D (-3897) (-)

Ion 154.80 (154.50 to 155.50): VN057922.D (-3897) (-)

Ion 156.80 (156.50 to 157.50): VN057922.D (-3897) (-)



#95

Naphthalene

Concen: 141.709 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057922.D

Acq: 11 Sep 2019 13:57

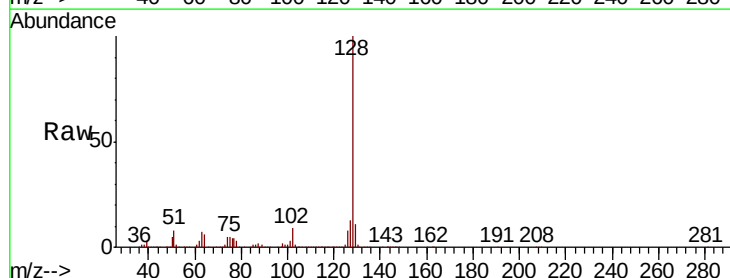
Tgt Ion: 128 Resp: 1984105

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

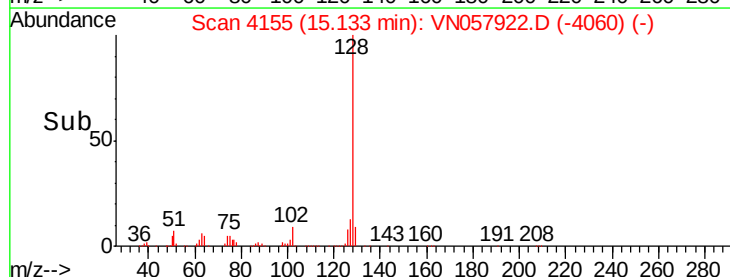
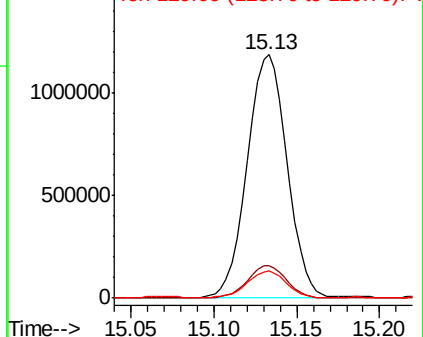
129 10.6 8.6 12.8

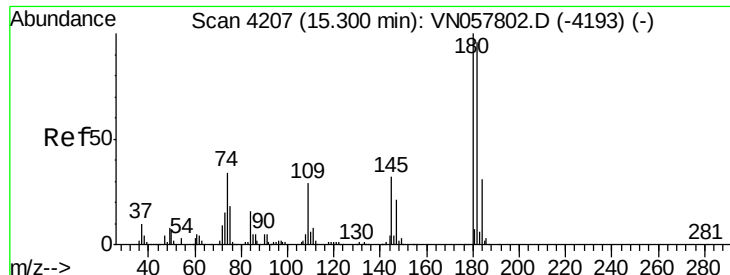


Abundance Ion 128.00 (127.70 to 128.70): VN057922.D (-4155) (-)

Ion 127.00 (126.70 to 127.70): VN057922.D (-4155) (-)

Ion 129.00 (128.70 to 129.70): VN057922.D (-4155) (-)

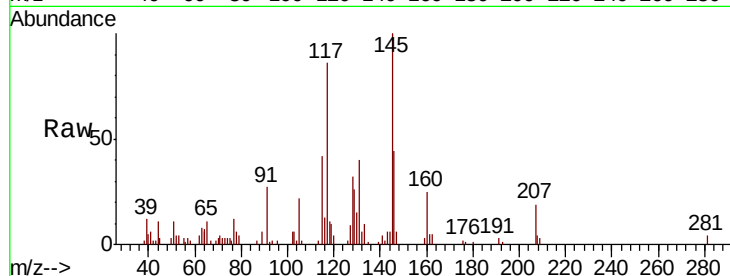




#96
 1,2,3-Trichlorobenzene
 Concen: 1.004 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN057922.D
 Acq: 11 Sep 2019 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-MW-4-8.0-091019

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



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

