

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051056.D
 Acq On : 7 Sep 2018 16:15
 Operator : MD\SY
 Sample : J4693-14 5X
 Misc : 6.44g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

Quant Time: Sep 07 23:13:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	976983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	972399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	565024	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	384126	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.59	113	363268	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	10.09	98	1482870	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	852104	88.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.48%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	2804	0.26	ug/l	93
5) Bromomethane	2.54	94	3019	Below	Cal	# 79
10) Methyl Iodide	3.95	142	1093	6.48	ug/l	# 55
11) Tert butyl alcohol	4.74	59	1155	2.34	ug/l	# 72
16) Acetone	3.82	43	1251	Below	Cal	# 89
18) Methyl Acetate	4.33	43	1808	0.25	ug/l	92
20) Methylene Chloride	4.55	84	2961	0.34	ug/l	95
29) Tetrahydrofuran	7.22	42	450	0.25	ug/l	# 33
31) Cyclohexane	7.66	56	11806	1.35	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	41220	3.58	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	54905	4.71	ug/l	# 17
39) Methylcyclohexane	9.08	83	11484	0.92	ug/l	# 81
48) Methyl methacrylate	9.23	41	1180	0.20	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.02	43	3341	0.49	ug/l	# 80
55) 1,1,2-Trichloroethane	10.53	97	262217	34.30	ug/l	# 20
56) Ethyl methacrylate	10.43	69	112206	13.10	ug/l	# 17
58) 2-Chloroethyl Vinyl ether	9.72	63	68	12.24	ug/l	# 47
59) 2-Hexanone	10.72	43	1443502	319.11	ug/l	# 27
60) Dibromochloromethane	10.82	129	2628	0.31	ug/l	# 38
65) Chlorobenzene	11.34	112	8881	0.35	ug/l	# 43
67) Ethyl Benzene	11.51	91	33493	0.81	ug/l	96
68) m/p-Xylenes	11.62	106	3296	0.21	ug/l	# 1
70) Styrene	12.12	104	1055	1.31	ug/l	# 1
73) Isopropylbenzene	12.25	105	1690892	36.14	ug/l	100
74) N-amyl acetate	12.05	43	4190167	356.44	ug/l	# 54
75) 1,1,2,2-Tetrachloroethane	12.48	83	416817	36.94	ug/l	# 26
76) 1,2,3-Trichloropropane	12.59	75	36122	3.65	ug/l	# 100
77) Bromobenzene	12.51	156	5803	0.46	ug/l	# 1
78) n-propylbenzene	12.59	91	6706398	128.32	ug/l	99
79) 2-Chlorotoluene	12.59	91	6706398	206.00	ug/l	# 39
80) 1,3,5-Trimethylbenzene	12.59	105	252404	6.69	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.25	75	16792	5.74	ug/l	# 2
82) 4-Chlorotoluene	12.59	91	6730725	209.42	ug/l	# 40
83) tert-Butylbenzene	12.99	119	676585	20.69	ug/l	93

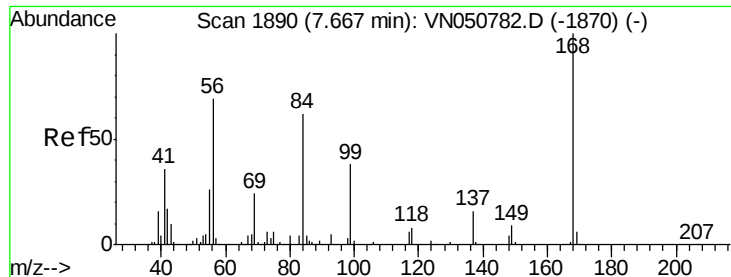
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
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 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.17	105	5682999	149.66	ug/l #	30
85) sec-Butylbenzene	13.17	105	5682999	132.65	ug/l #	74
86) p-Isopropyltoluene	13.29	119	4943379	135.42	ug/l	99
89) n-Butylbenzene	13.62	91	5441570	186.38	ug/l #	74
90) Hexachloroethane	13.89	117	917482	131.57	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	42531	25.31	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1111	4.18	ug/l #	1
94) Hexachlorobutadiene	15.01	225	30	Below Cal	#	19
95) Naphthalene	15.09	128	18017	6.11	ug/l #	4
96) 1,2,3-Trichlorobenzene	15.32	180	1655	3.45	ug/l #	39

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

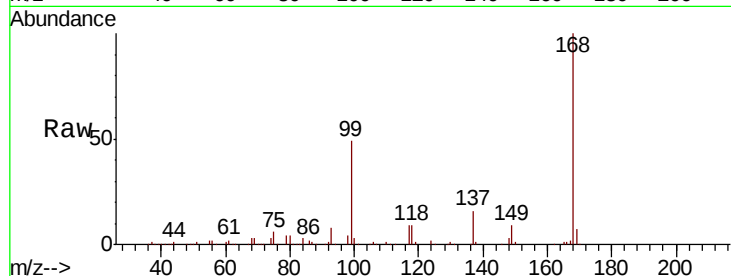
EP1-MW-D(7-10)

Tot Ion:168 Resp: 645040

Ion Ratio Lower Upper

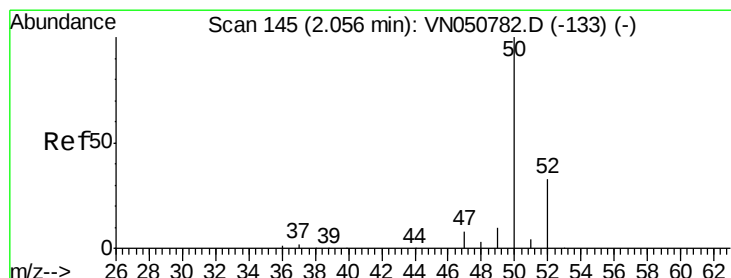
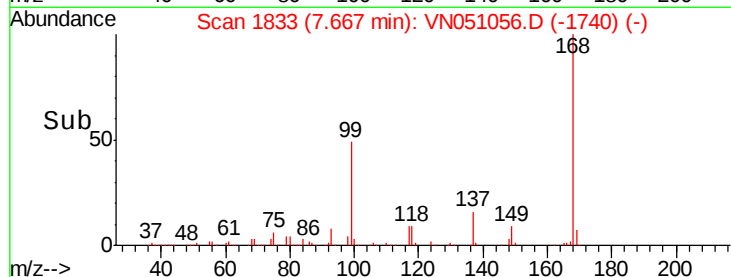
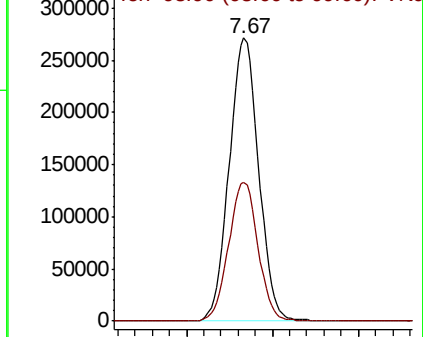
168 100

99 49.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN051056.D

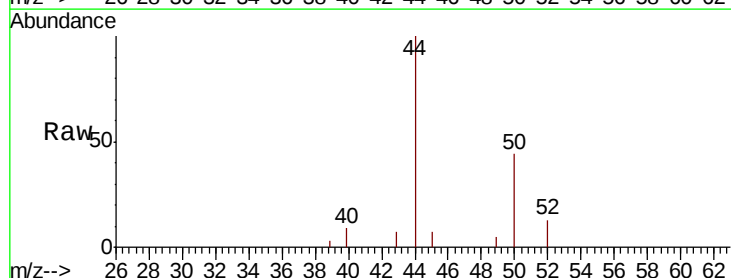
Acq: 7 Sep 2018 16:15

Tgt Ion: 50 Resp: 2804

Ion Ratio Lower Upper

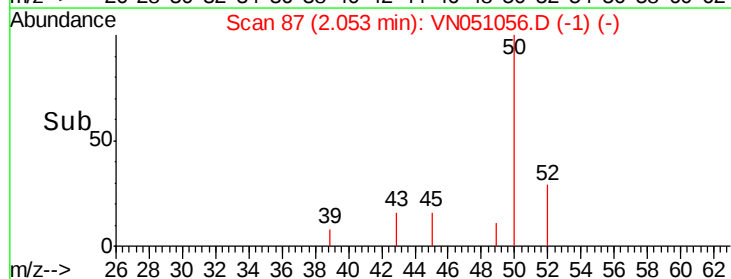
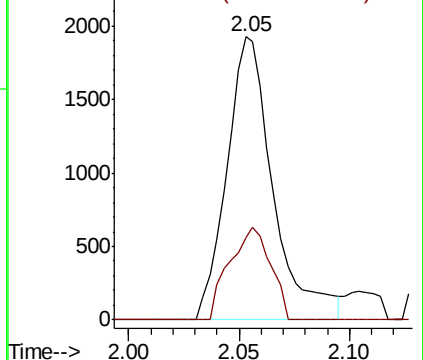
50 100

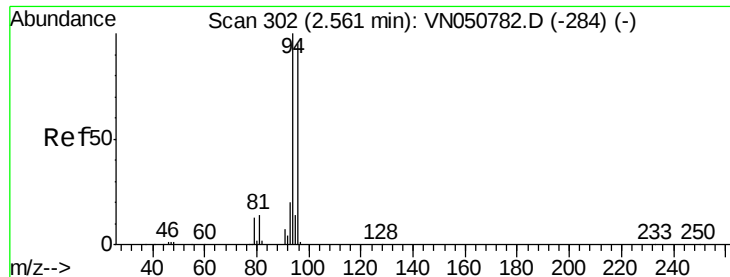
52 28.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 237

Delta R.T. -0.03 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

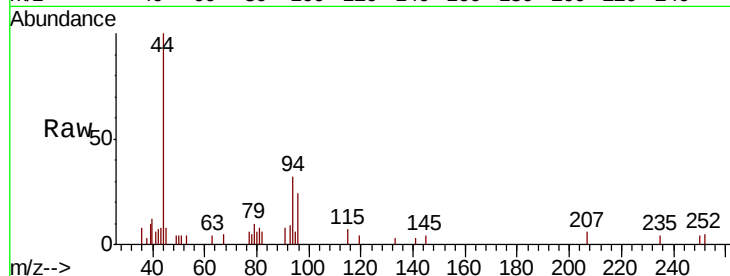
EP1-MW-D(7-10)

Tot Ion: 94 Resp: 3019

Ion Ratio Lower Upper

94 100

96 74.4 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN051056.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051056.D (-152) (-)

2.54

1500

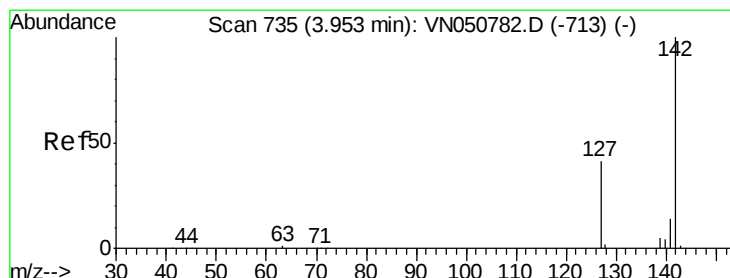
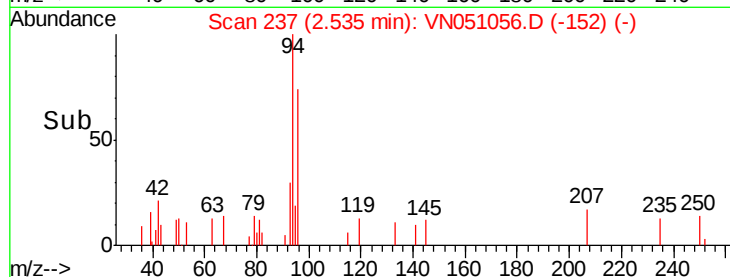
1000

500

0

2.50 2.55 2.60

Time-->



#10

Methyl Iodide

Concen: 6.48 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

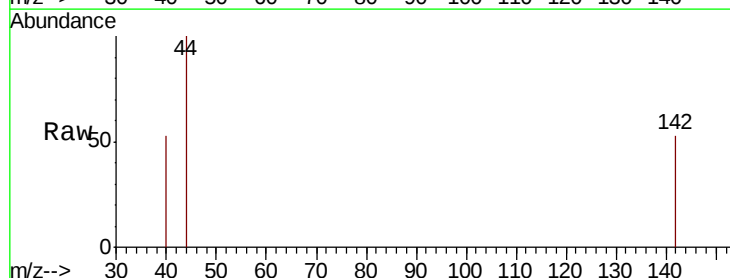
Tgt Ion: 142 Resp: 1093

Ion Ratio Lower Upper

142 100

127 10.1 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN051056.D (-585) (-)

Ion 126.80 (126.50 to 127.50): VN051056.D (-585) (-)

Ion 140.80 (140.50 to 141.50): VN051056.D (-585) (-)

600

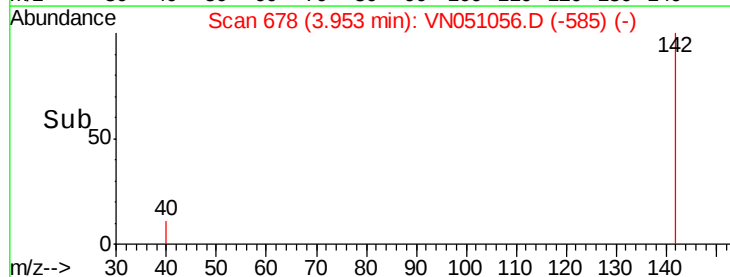
400

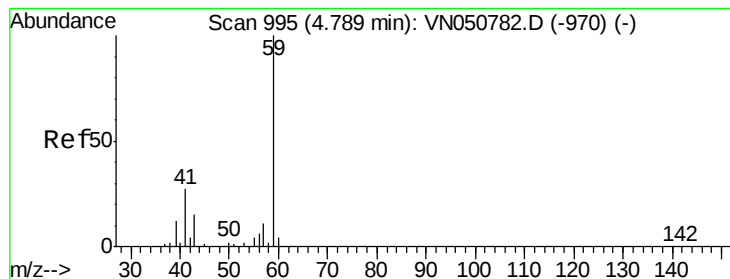
200

0

3.90 3.95 4.00

Time-->



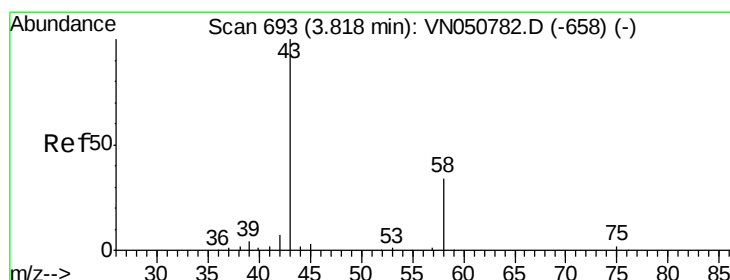
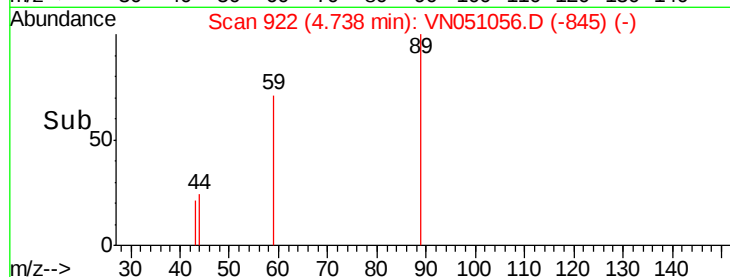
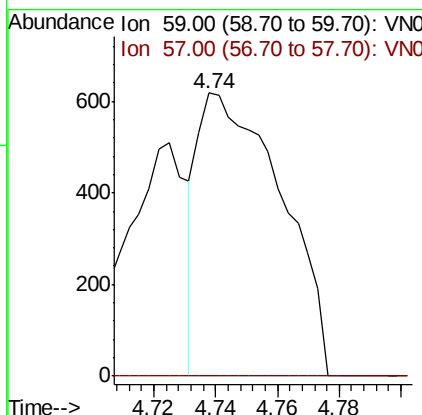
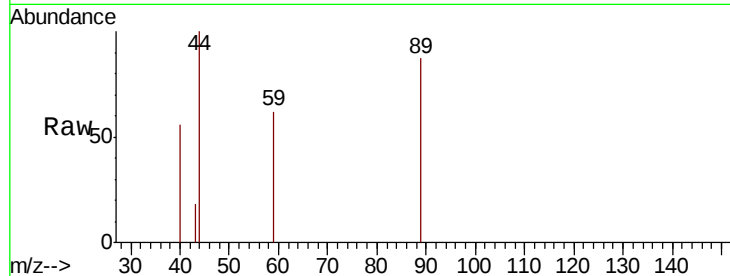


#11

Tert butyl alcohol
 Concen: 2.34 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.05 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-D(7-10)

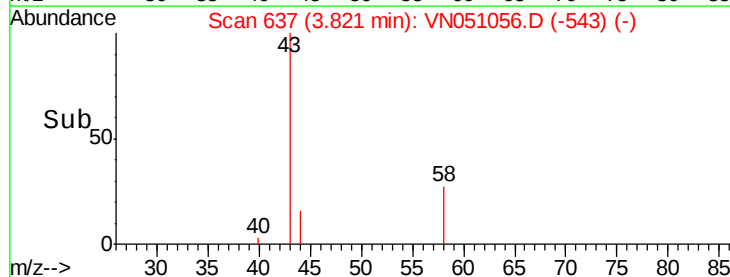
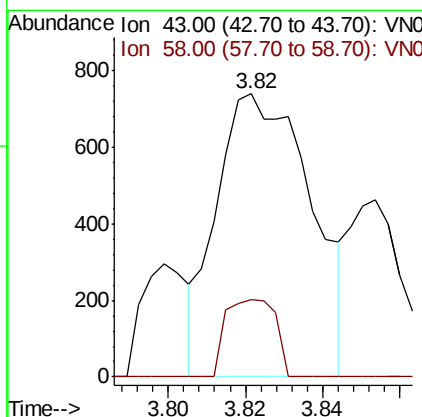
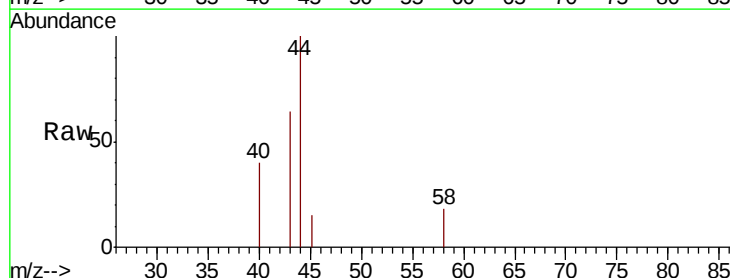
Tot Ion: 59 Resp: 1155
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

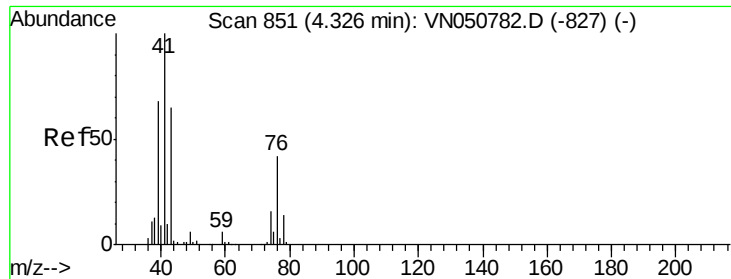


#16

Acetone
 Concen: Below Cal
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion: 43 Resp: 1251
 Ion Ratio Lower Upper
 43 100
 58 40.6 27.2 40.8

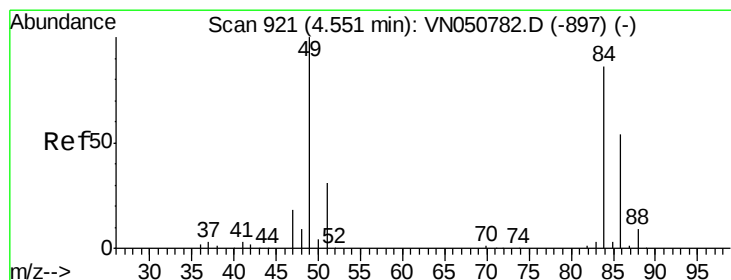
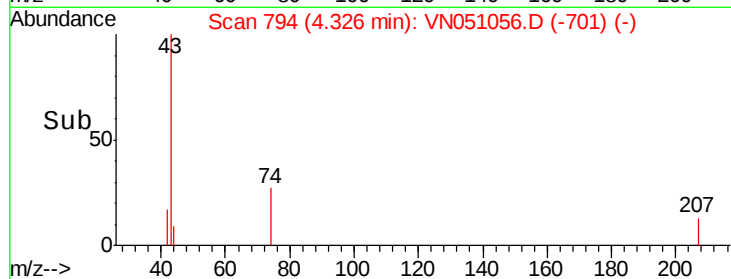
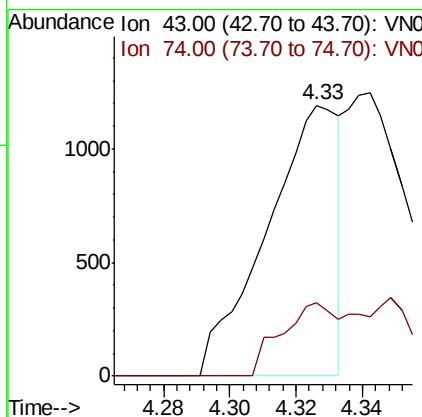
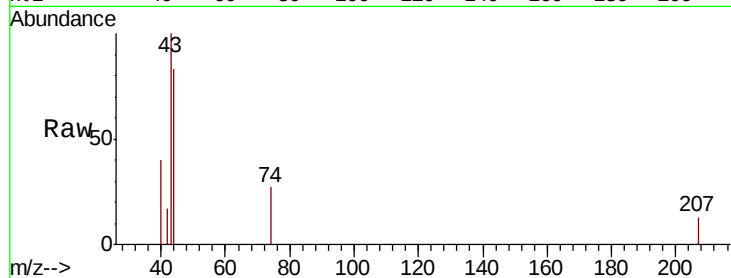




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

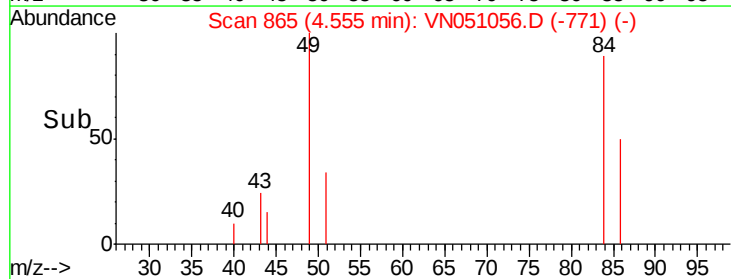
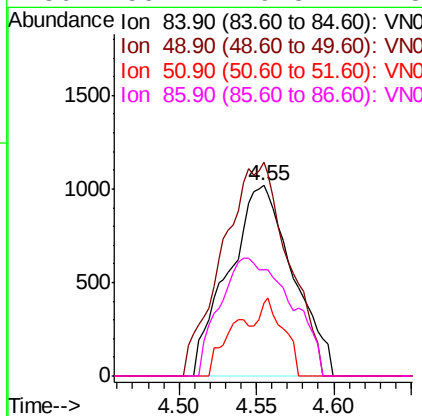
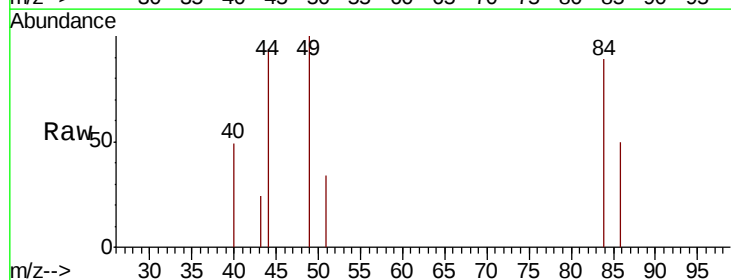
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

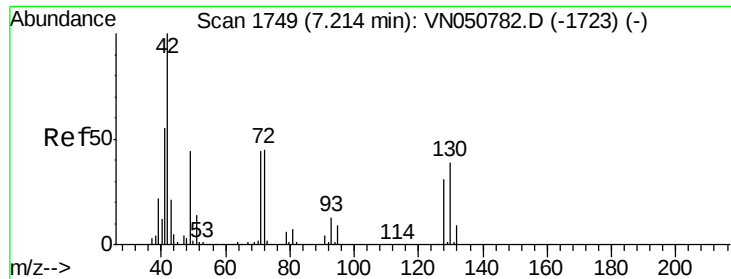
Tot Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
74 20.6 19.8 29.8



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 84 Resp: 2961
Ion Ratio Lower Upper
84 100
49 112.2 93.2 139.8
51 38.0 29.0 43.6
86 55.7 49.8 74.8

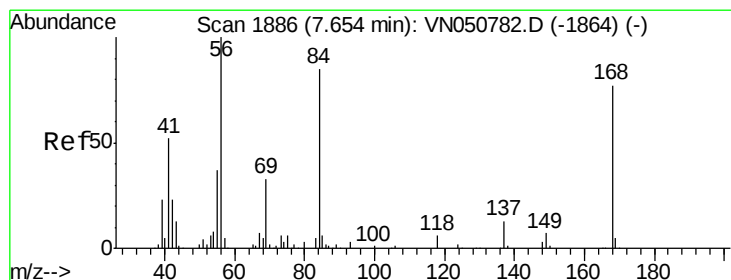
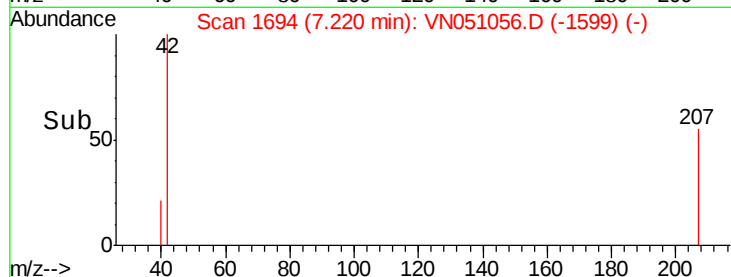
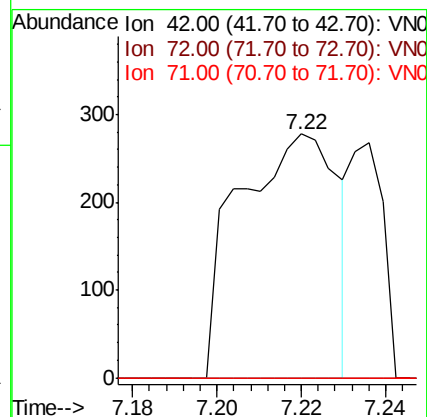
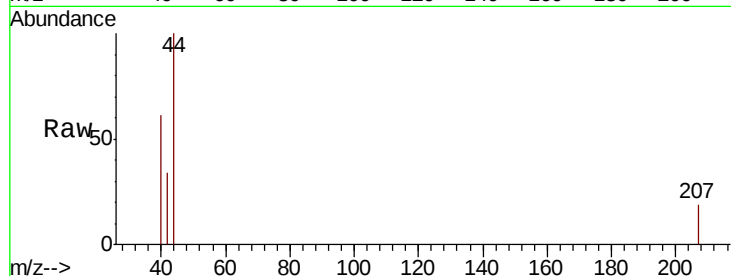




#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

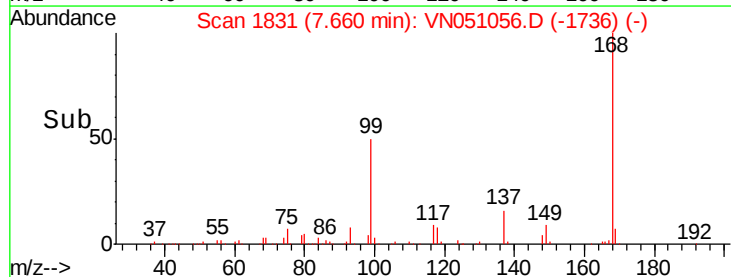
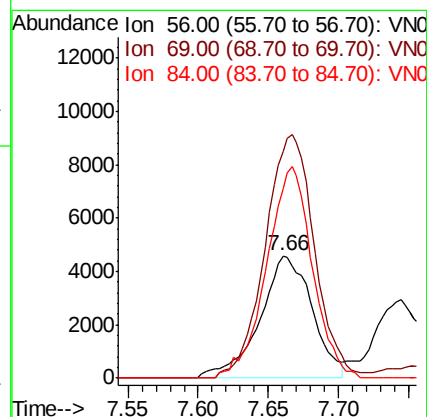
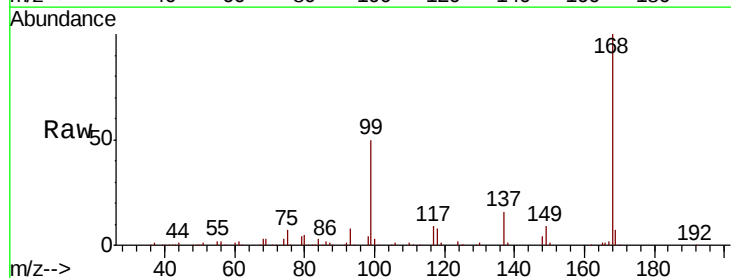
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MSVOA_N
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EP1-MW-D(7-10)

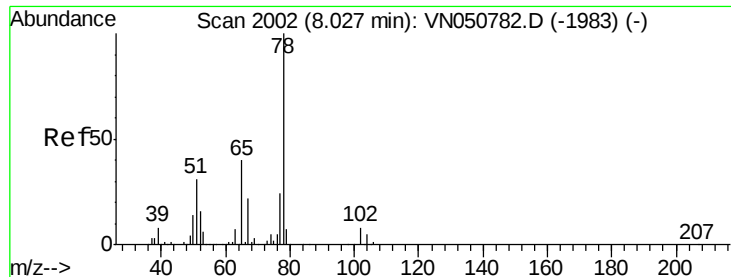
Tot Ion: 42 Resp: 450
Ion Ratio Lower Upper
42 100
72 0.0 35.5 53.3#
71 0.0 33.7 50.5#



#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 56 Resp: 11806
Ion Ratio Lower Upper
56 100
69 186.2 26.2 39.4#
84 155.1 68.3 102.5#

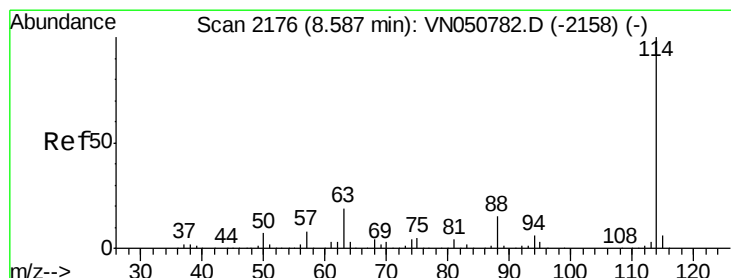
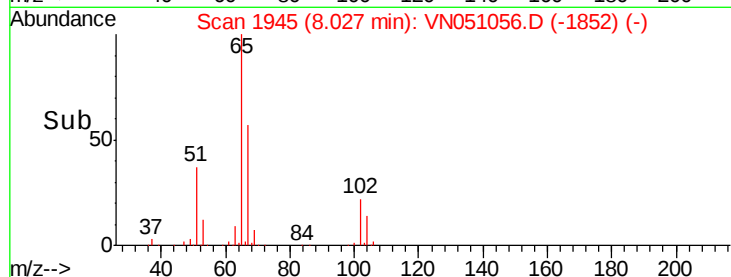
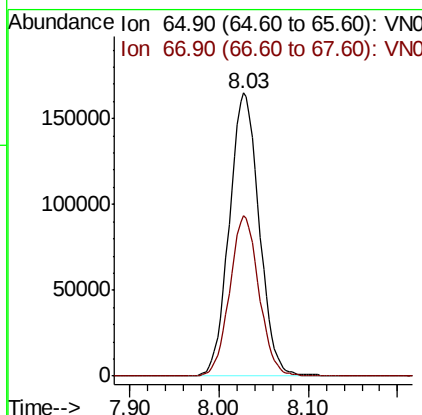
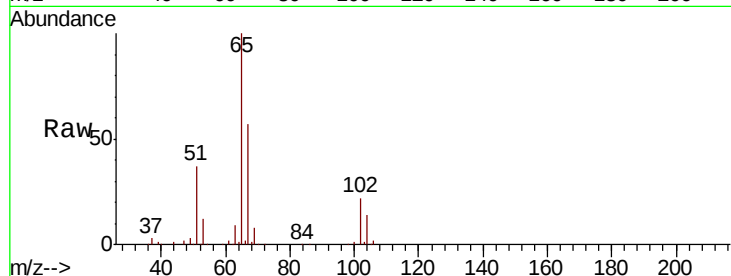




#33
 1,2-Dichloroethane-d4
 Concen: 49.47 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

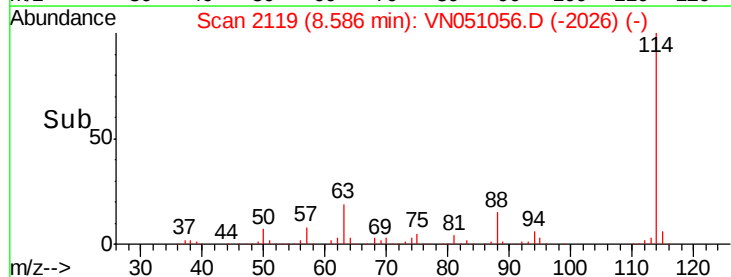
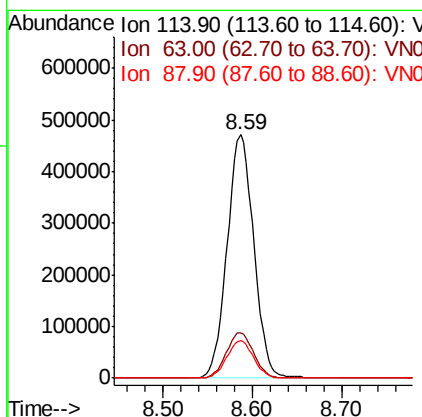
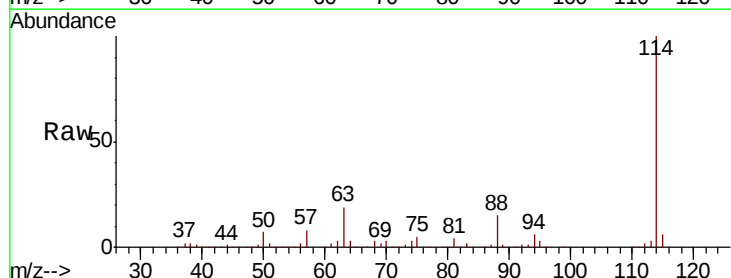
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

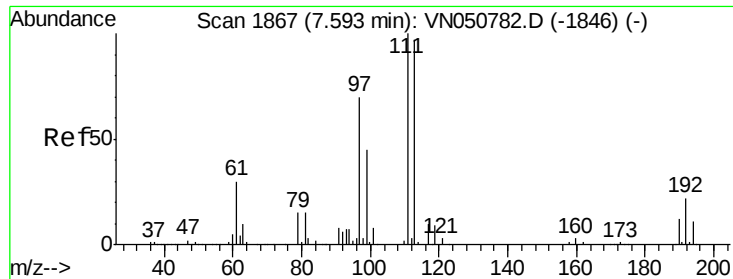
Tot Ion: 65 Resp: 384126
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion: 114 Resp: 976983
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.3 0.0 30.6

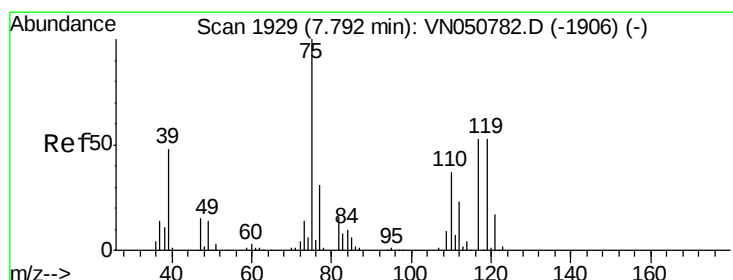
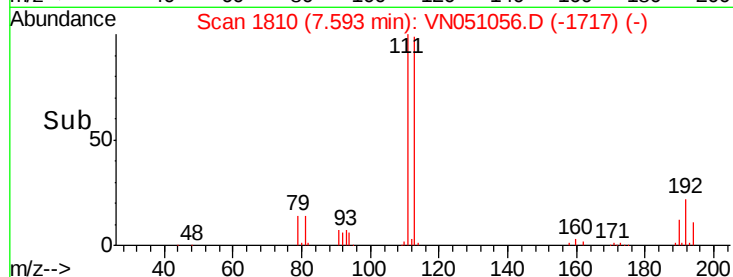
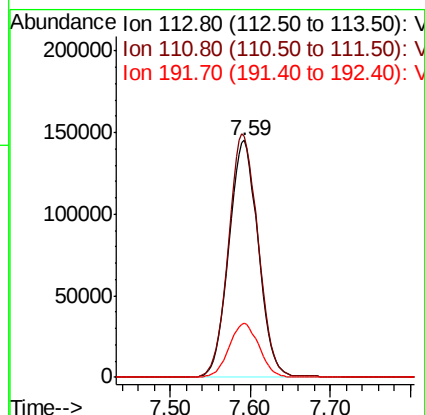
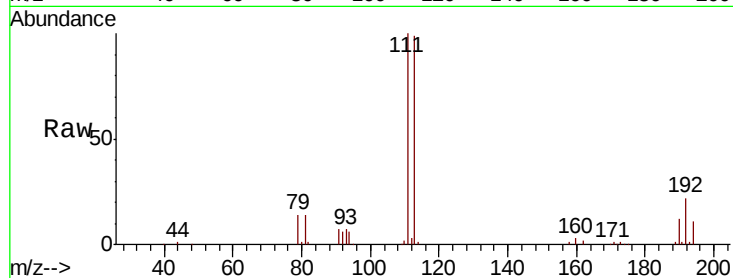




#35
 Dibromofluoromethane
 Concen: 46.74 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

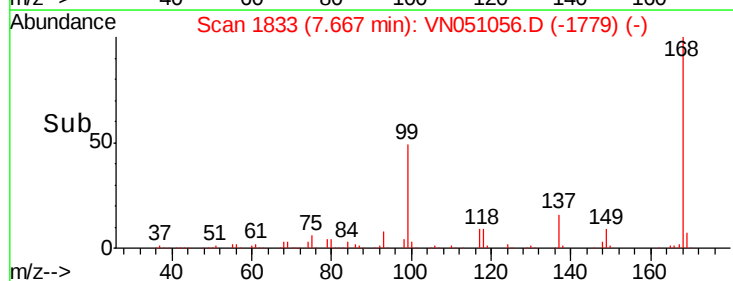
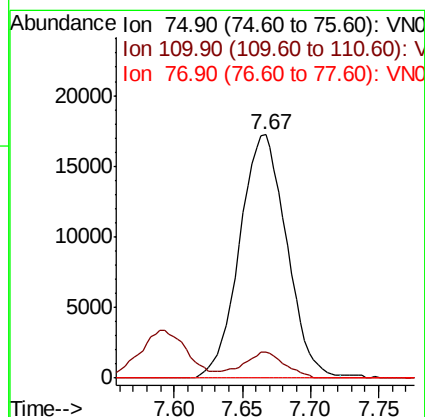
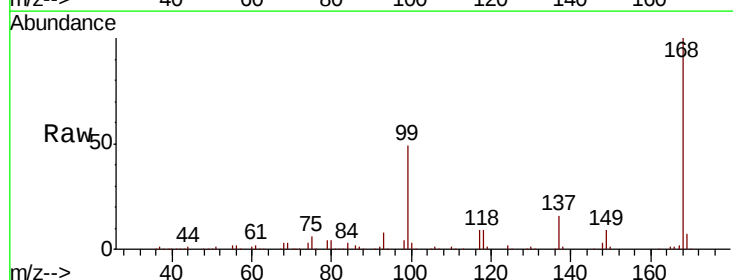
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

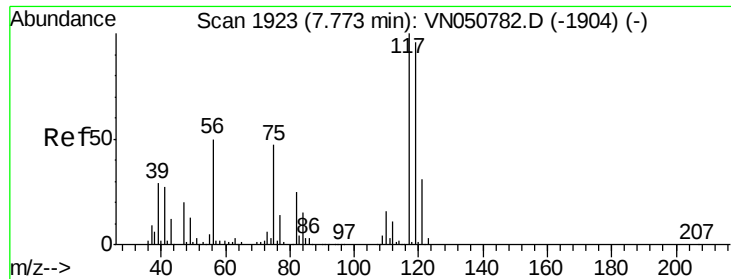
Tot Ion:113 Resp: 363268
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 23.1 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 3.58 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion: 75 Resp: 41220
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.4#
 77 0.0 24.8 37.2#

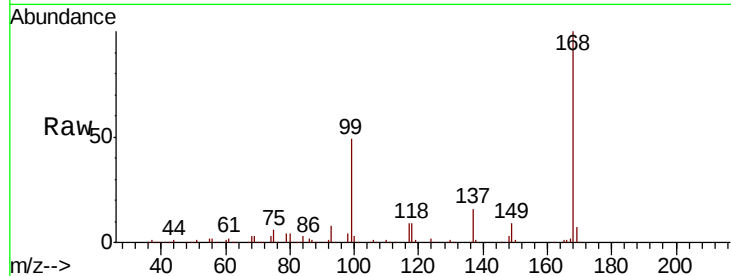




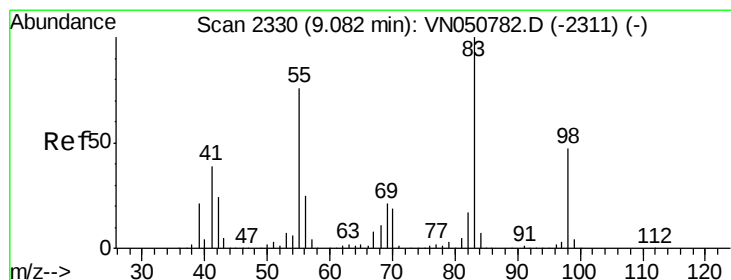
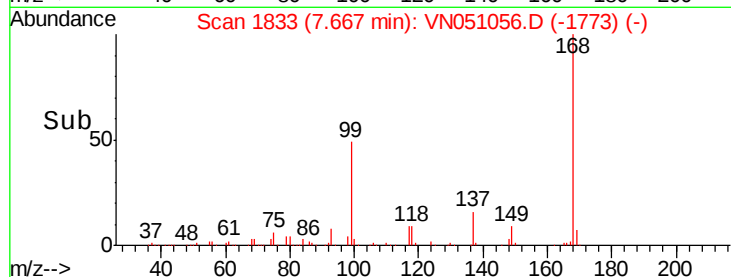
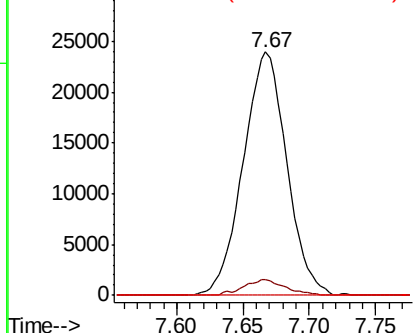
#38
Carbon Tetrachloride
Concen: 4.71 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

Tot Ion:117 Resp: 54905
Ion Ratio Lower Upper
117 100
119 6.6 76.3 114.5#
121 0.0 24.6 36.8#

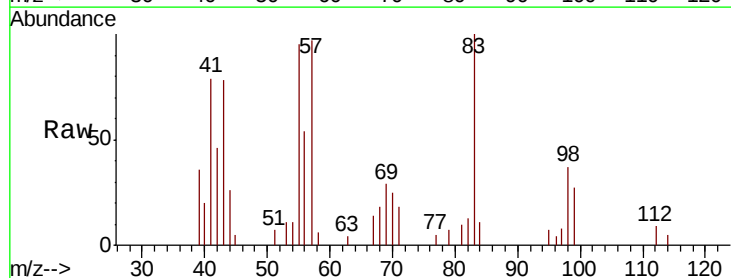


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

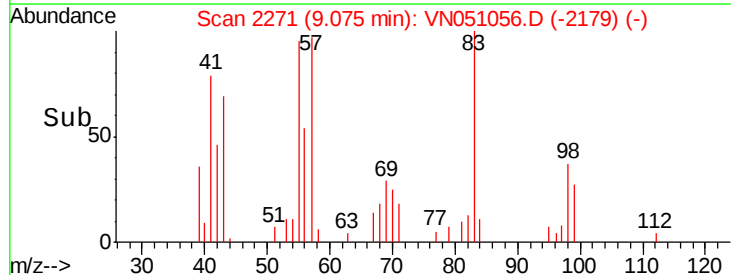
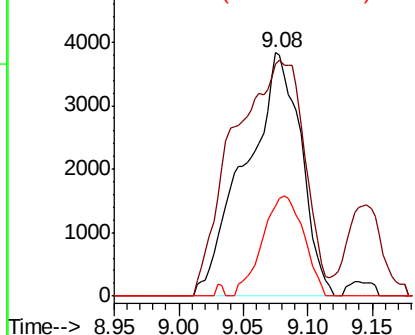


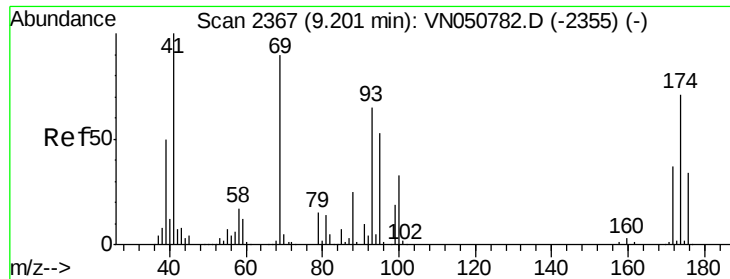
#39
Methylcyclohexane
Concen: 0.92 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 83 Resp: 11484
Ion Ratio Lower Upper
83 100
55 95.2 61.0 91.4#
98 36.9 37.5 56.3#



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

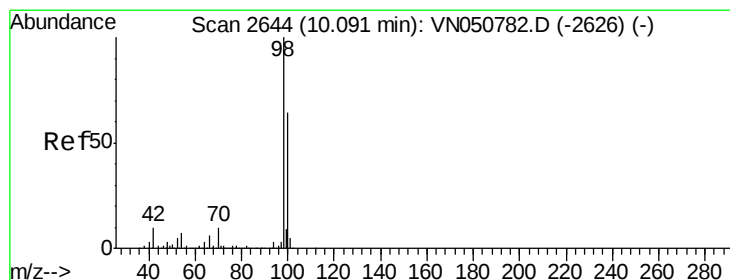
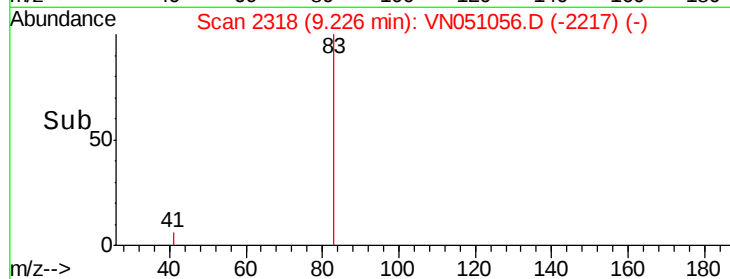
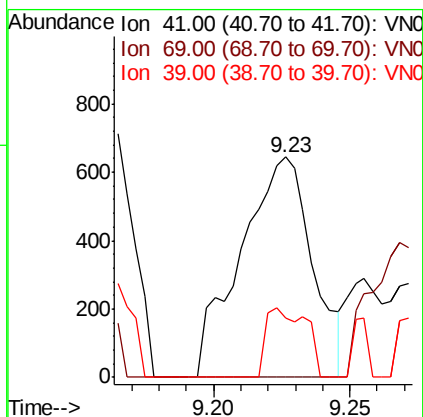
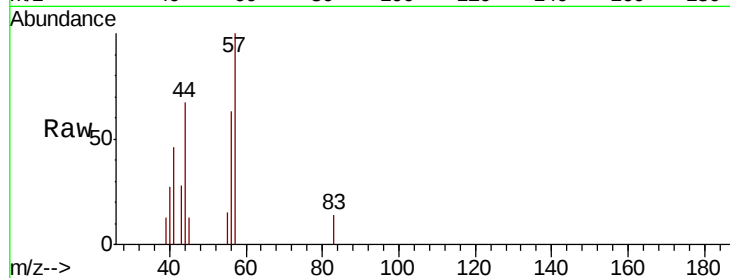




#48
Methyl methacrylate
Concen: 0.20 ug/l
RT: 9.23 min Scan# 2318
Delta R.T. 0.03 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

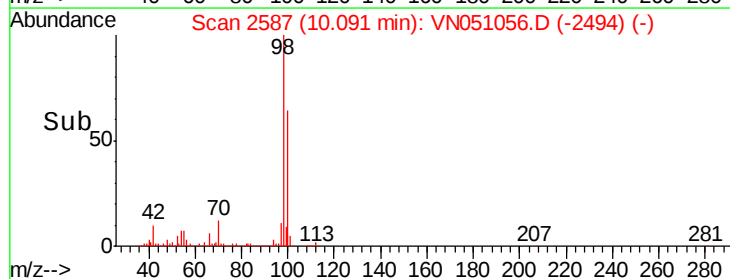
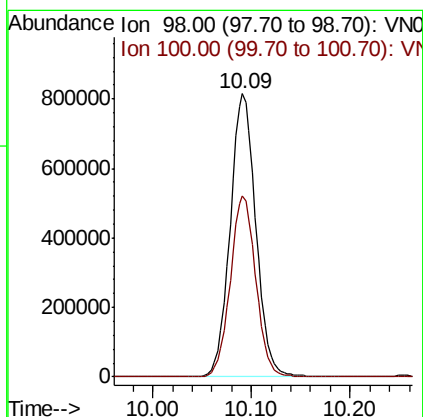
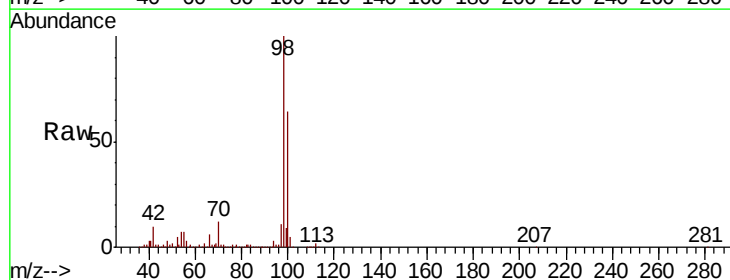
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

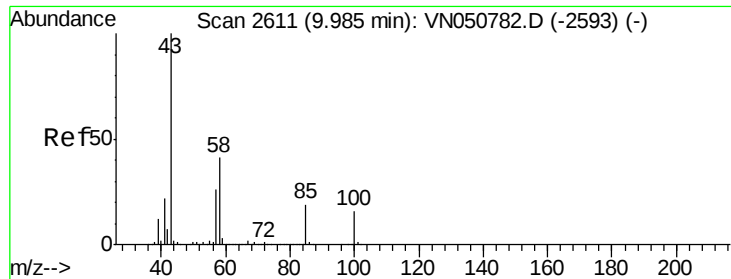
Tot Ion: 41 Resp: 1180
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 17.5 42.2 63.2#



#50
Toluene-d8
Concen: 51.03 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 98 Resp: 1482870
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

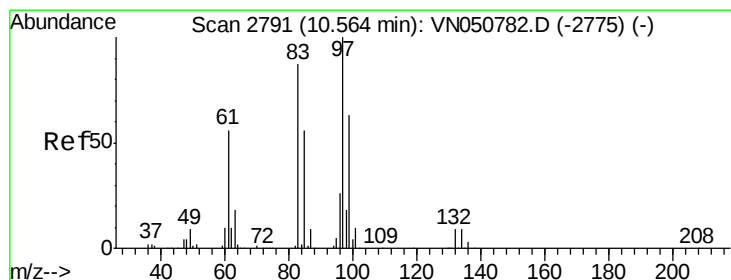
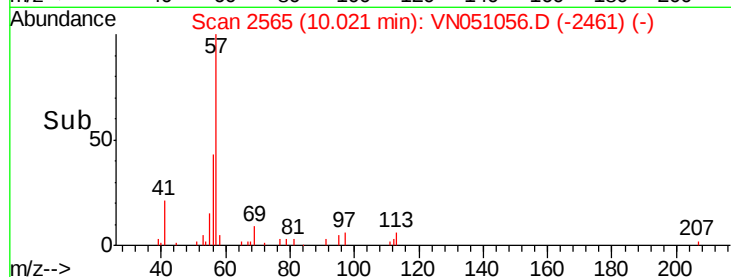
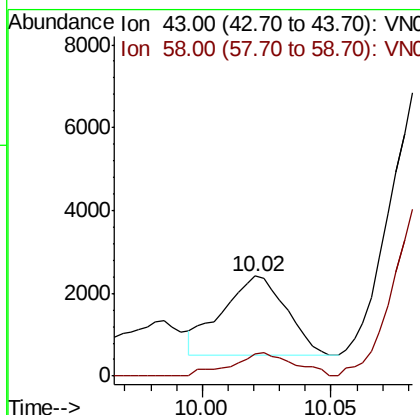
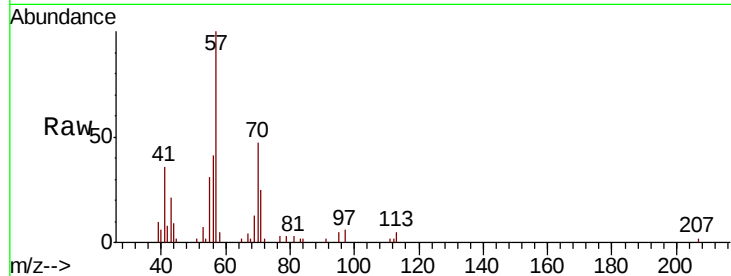




#51
 4-Methyl-2-Pentanone
 Concen: 0.49 ug/l
 RT: 10.02 min Scan# 2565
 Delta R.T. 0.04 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

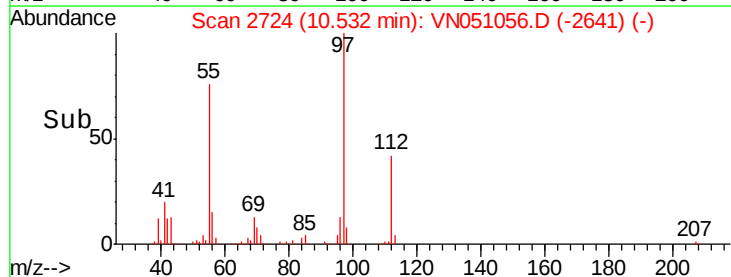
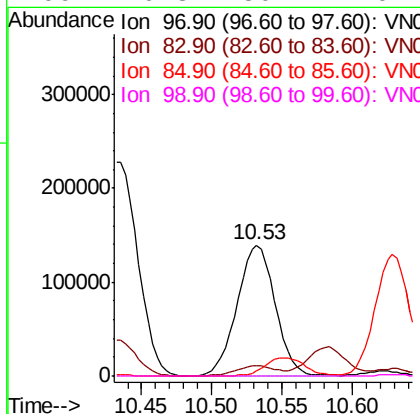
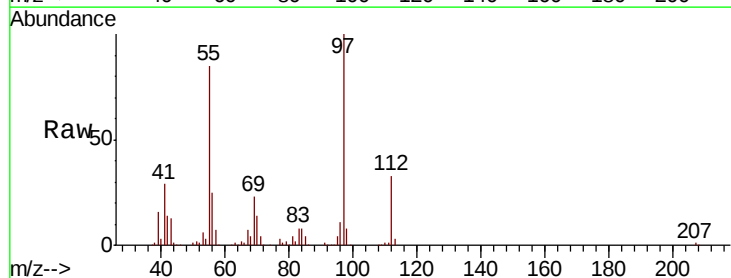
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

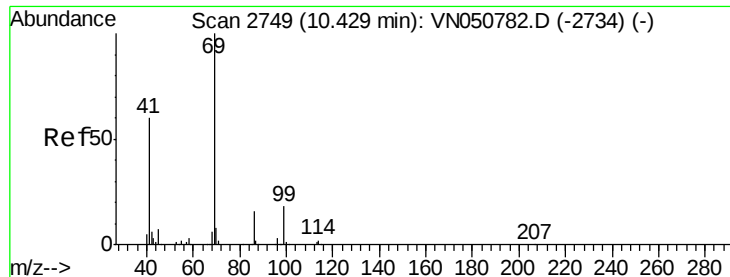
Tot Ion: 43 Resp: 3341
 Ion Ratio Lower Upper
 43 100
 58 28.4 32.4 48.6#



#55
 1,1,2-Trichloroethane
 Concen: 34.30 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion: 97 Resp: 262217
 Ion Ratio Lower Upper
 97 100
 83 8.1 69.7 104.5#
 85 3.6 44.5 66.7#
 99 0.3 50.7 76.1#





#56

Ethyl methacrylate

Concen: 13.10 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-D(7-10)

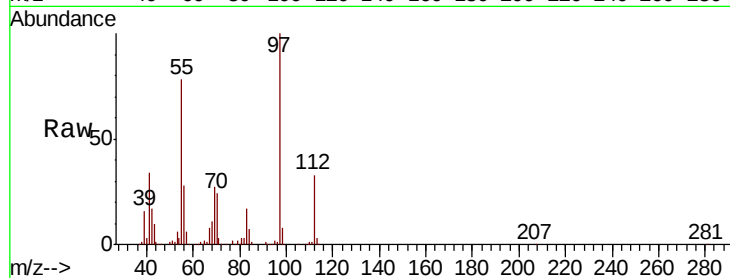
Tot Ion: 69 Resp: 112206

Ion Ratio Lower Upper

69 100

41 133.2 48.3 72.5#

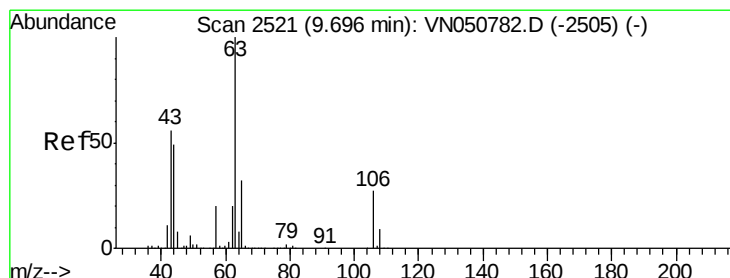
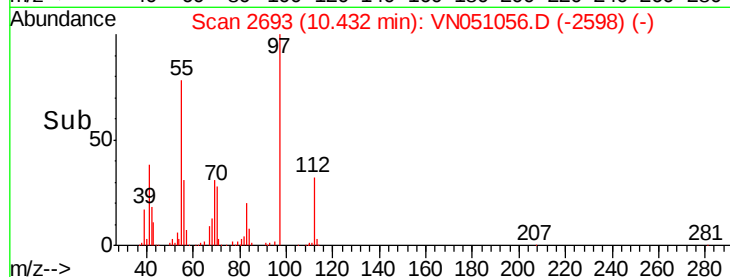
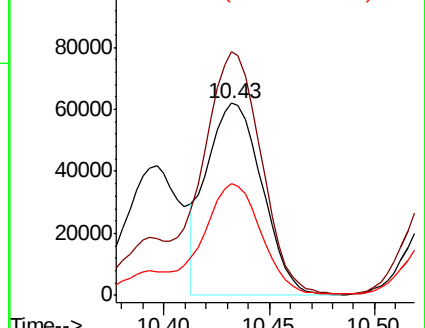
39 60.5 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 12.24 ug/l

RT: 9.72 min Scan# 2470

Delta R.T. 0.02 min

Lab File: VN051056.D

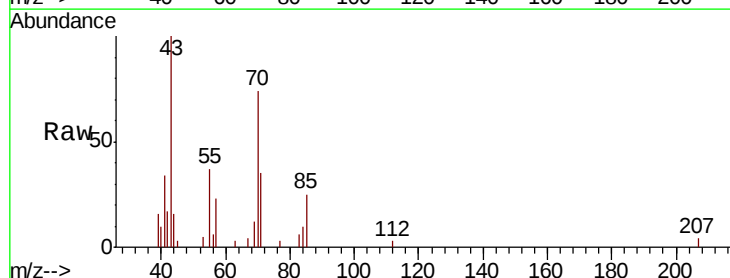
Acq: 7 Sep 2018 16:15

Tgt Ion: 63 Resp: 68

Ion Ratio Lower Upper

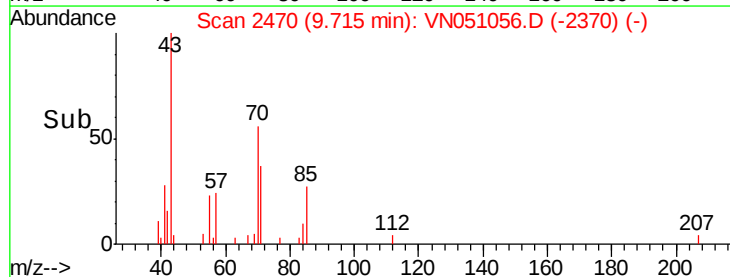
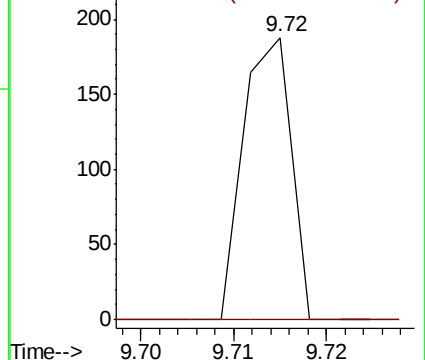
63 100

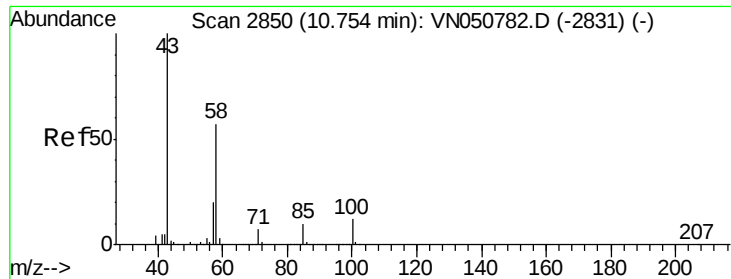
106 0.0 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

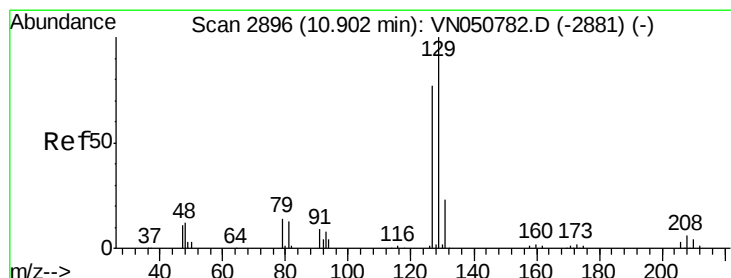
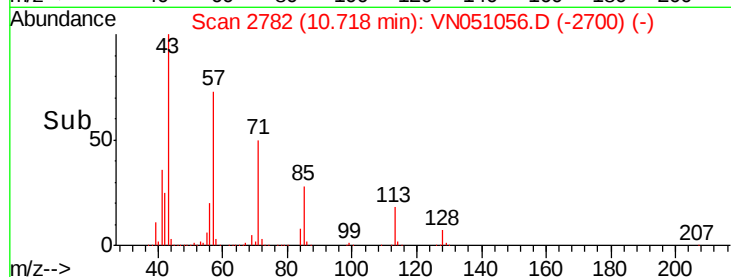
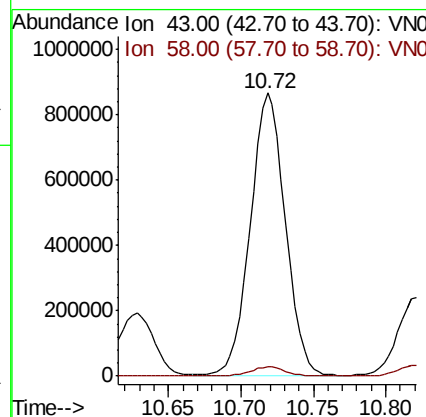
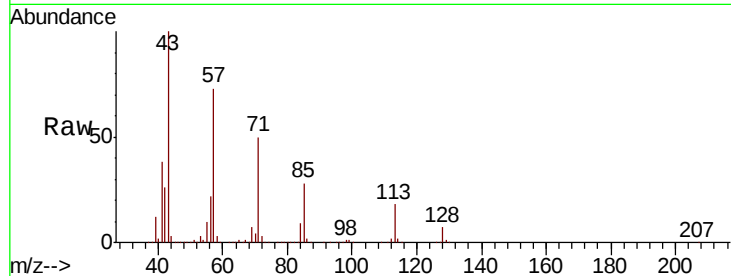




#59
2-Hexanone
Concen: 319.11 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

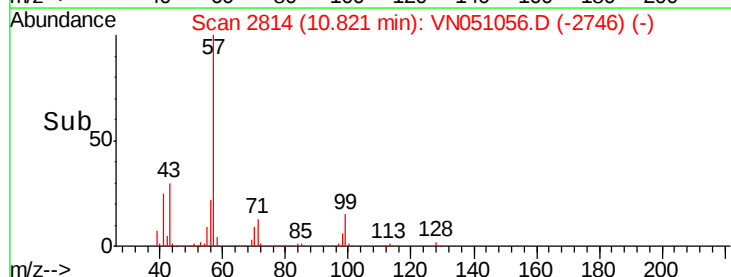
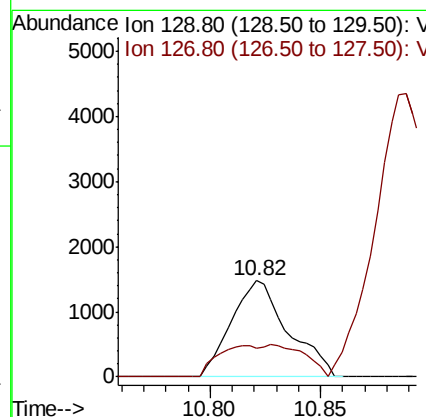
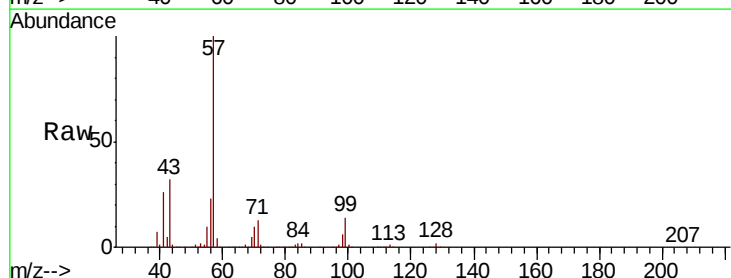
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

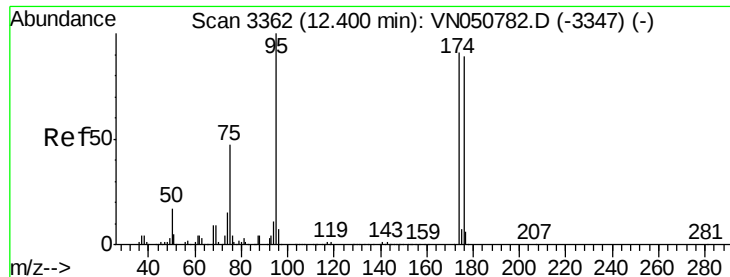
Tot Ion: 43 Resp: 1443502
Ion Ratio Lower Upper
43 100
58 3.3 28.3 85.0#



#60
Dibromochloromethane
Concen: 0.31 ug/l
RT: 10.82 min Scan# 2814
Delta R.T. -0.08 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 129 Resp: 2628
Ion Ratio Lower Upper
129 100
127 23.1 38.3 114.9#

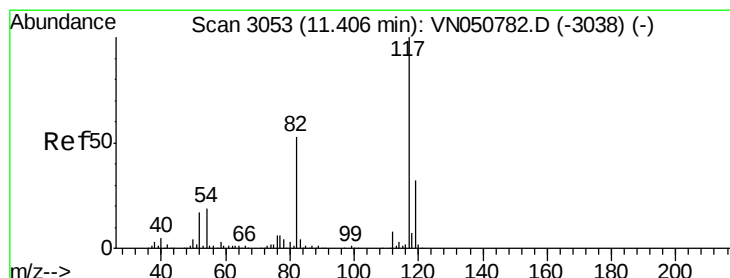
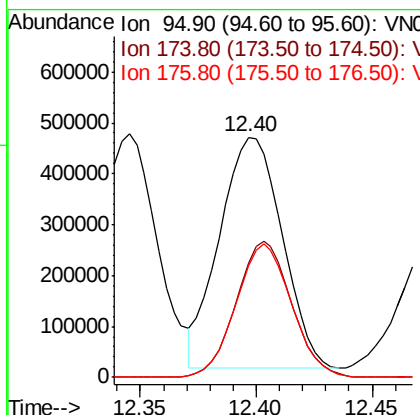
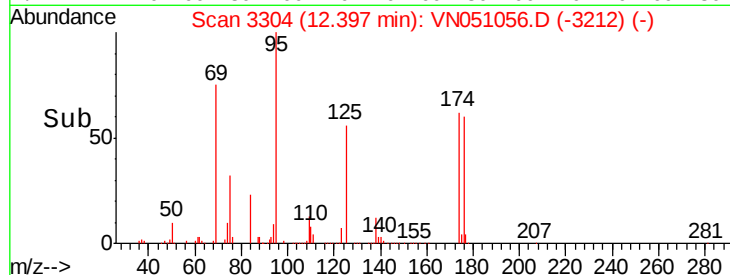
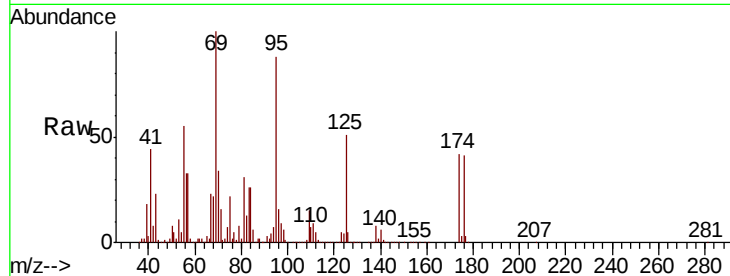




#62
4-Bromofluorobenzene
Concen: 88.24 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

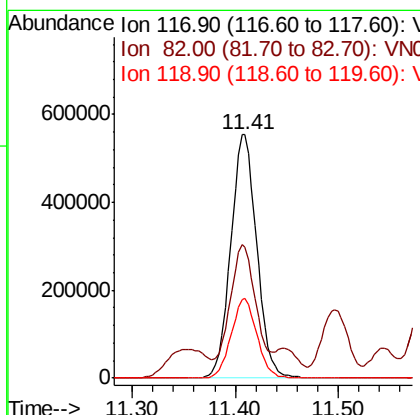
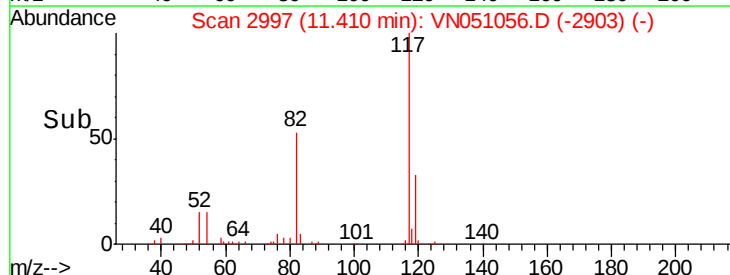
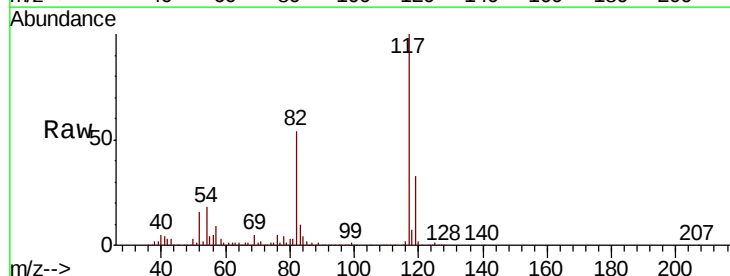
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

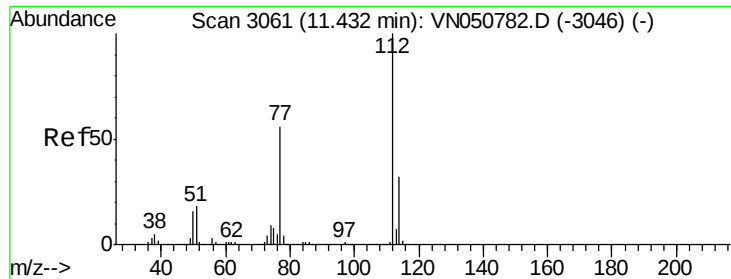
Tot Ion: 95 Resp: 852104
Ion Ratio Lower Upper
95 100
174 52.3 0.0 183.0
176 51.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 117 Resp: 972399
Ion Ratio Lower Upper
117 100
82 42.3 42.6 64.0#
119 32.7 25.8 38.6

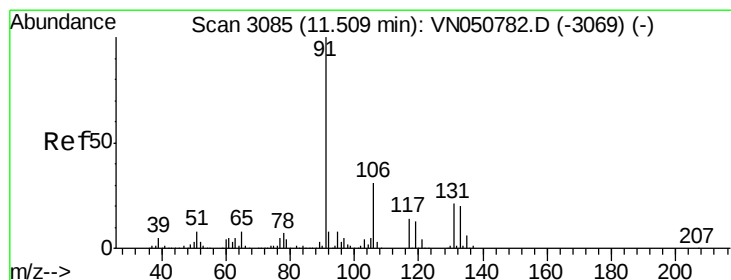
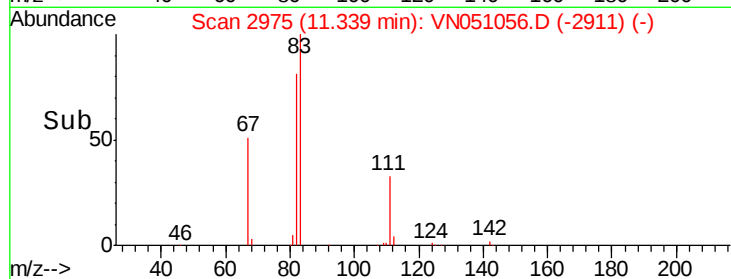
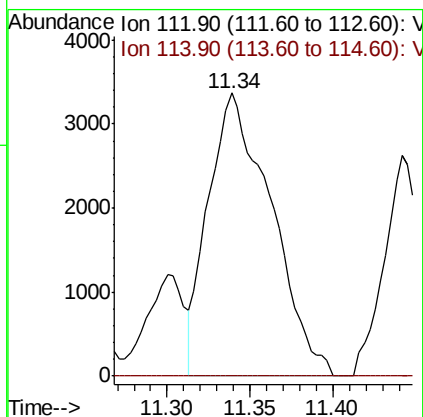
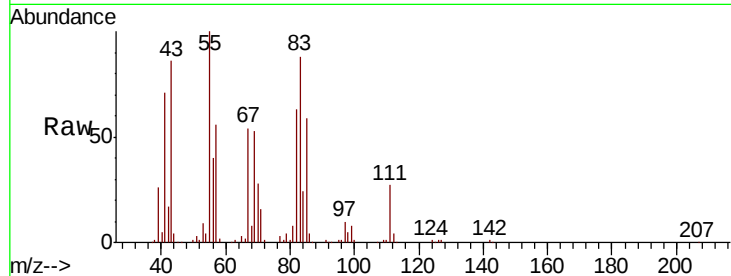




#65
Chlorobenzene
Concen: 0.35 ug/l
RT: 11.34 min Scan# 2975
Delta R.T. -0.09 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

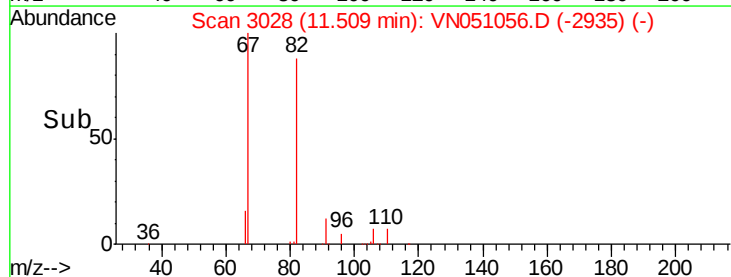
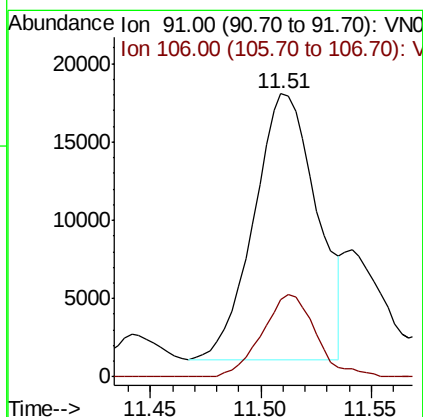
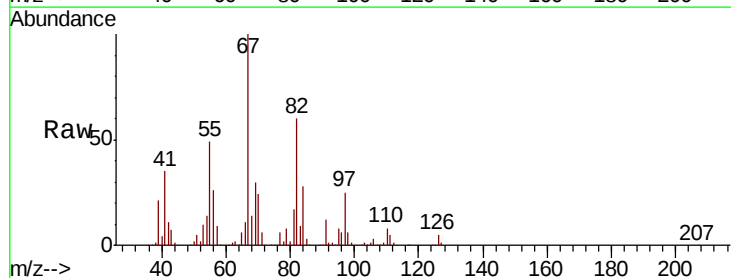
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-D(7-10)

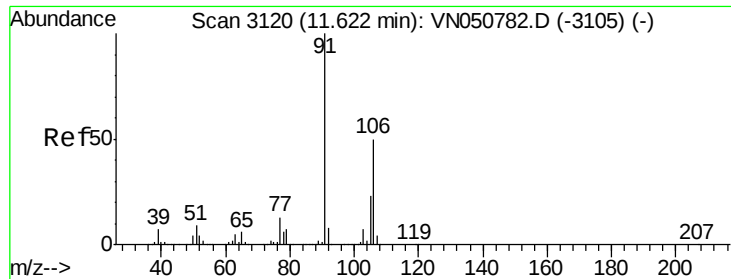
Tot Ion:112 Resp: 8881
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#67
Ethyl Benzene
Concen: 0.81 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 91 Resp: 33493
Ion Ratio Lower Upper
91 100
106 29.0 25.0 37.4

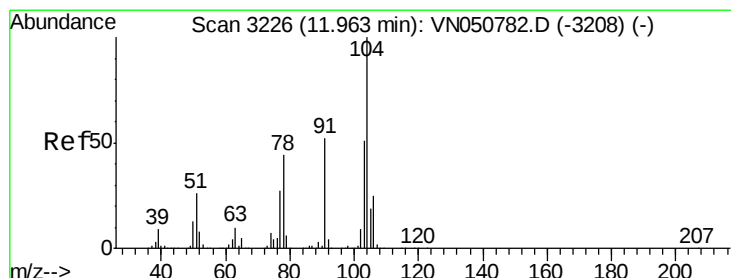
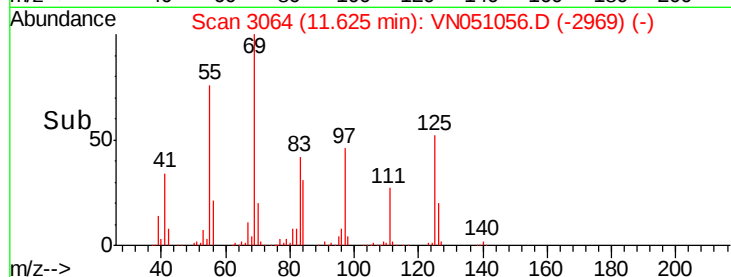
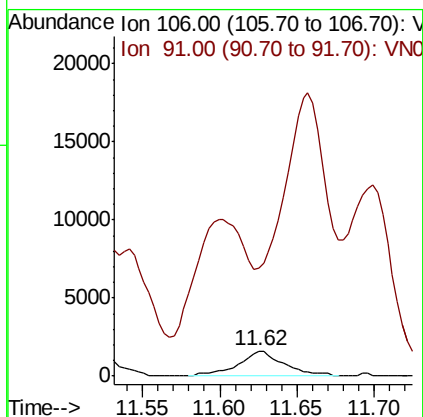
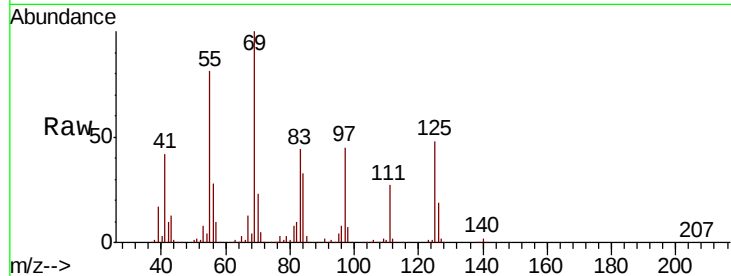




#68
m/p-Xvlenes
Concen: 0.21 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

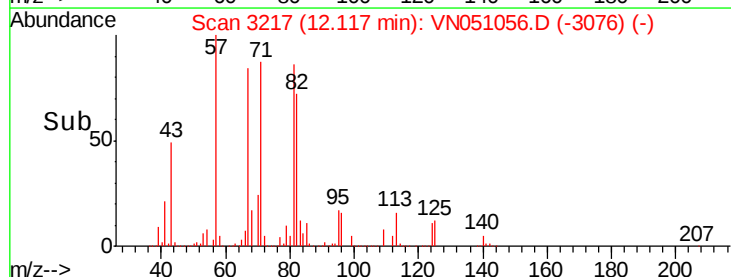
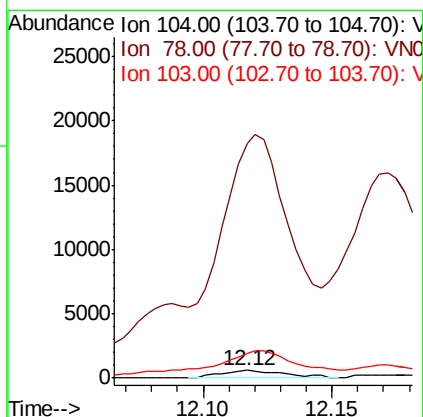
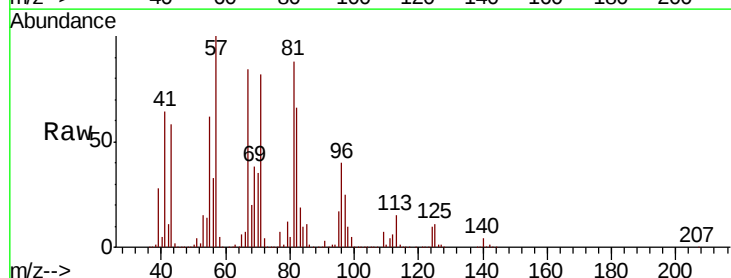
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

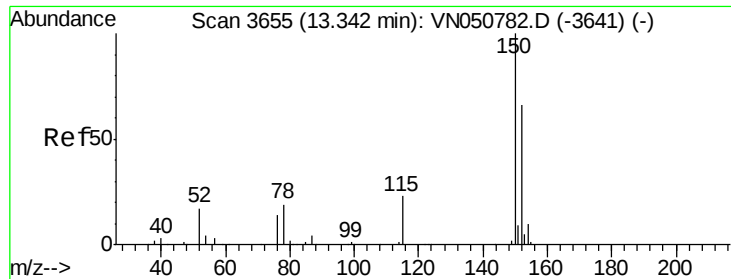
Tot Ion:106 Resp: 3296
Ion Ratio Lower Upper
106 100
91 0.0 161.0 241.6#



#70
Styrene
Concen: 1.31 ug/l
RT: 12.12 min Scan# 3217
Delta R.T. 0.15 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion:104 Resp: 1055
Ion Ratio Lower Upper
104 100
78 2289.2 38.2 57.4#
103 408.3 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(7-10)

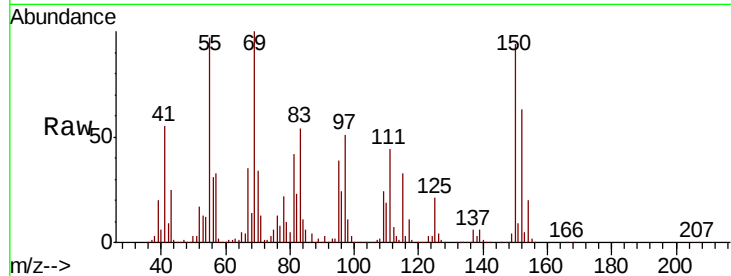
Tot Ion:152 Resp: 565024

Ion Ratio Lower Upper

152 100

115 41.9 27.8 83.4

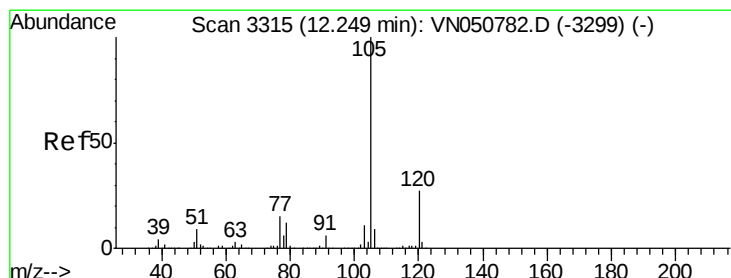
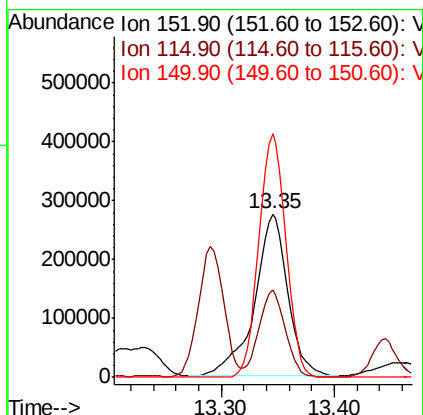
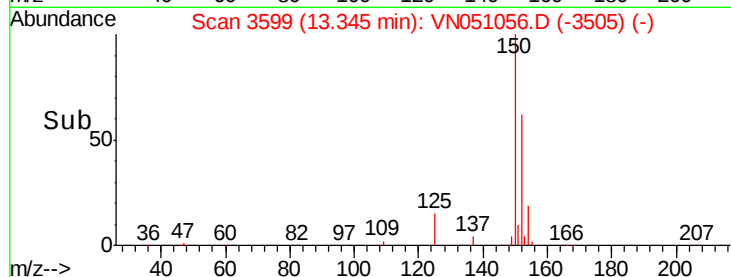
150 121.3 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 36.14 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051056.D

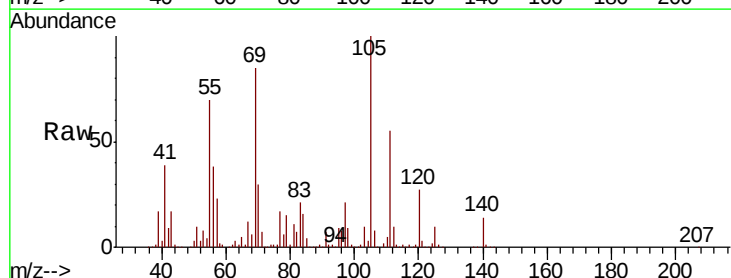
Acq: 7 Sep 2018 16:15

Tgt Ion:105 Resp: 1690892

Ion Ratio Lower Upper

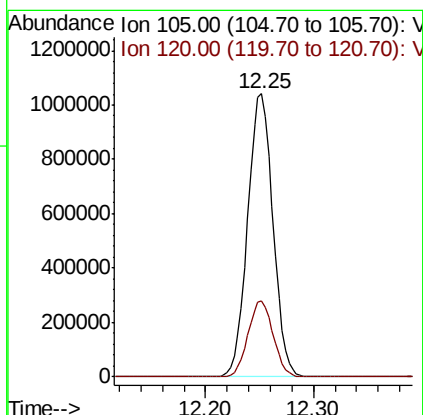
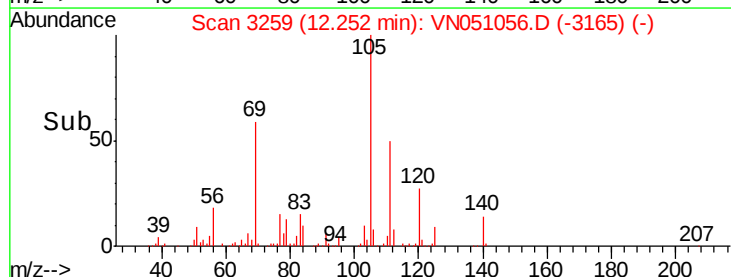
105 100

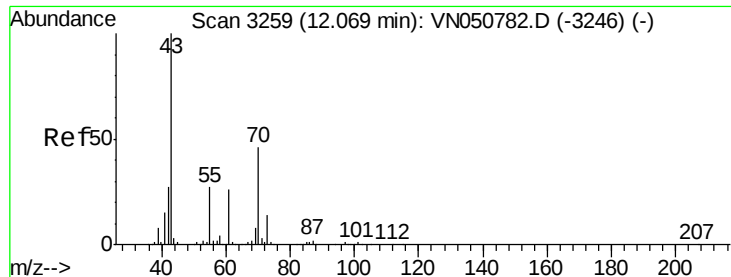
120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

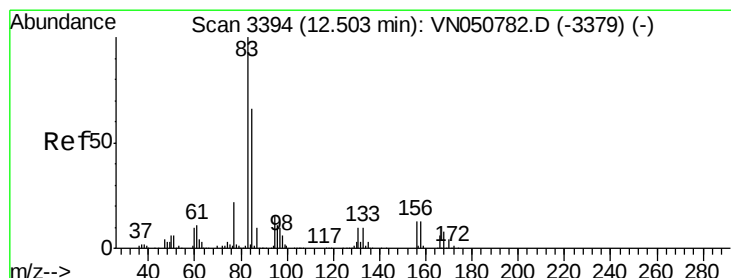
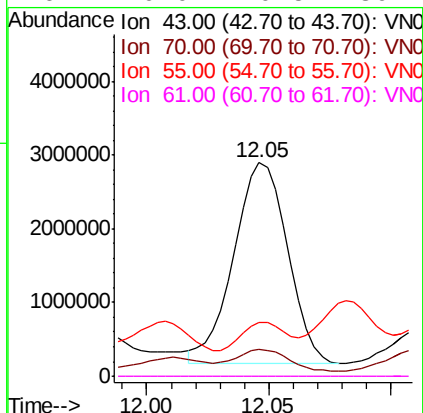
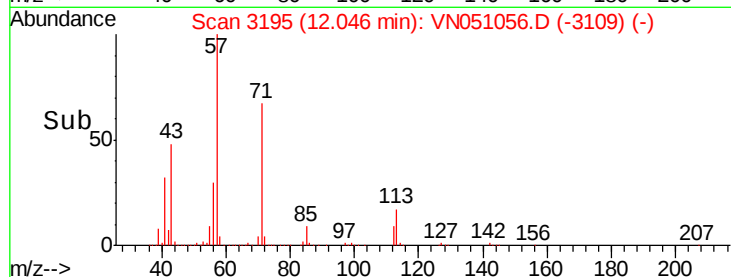
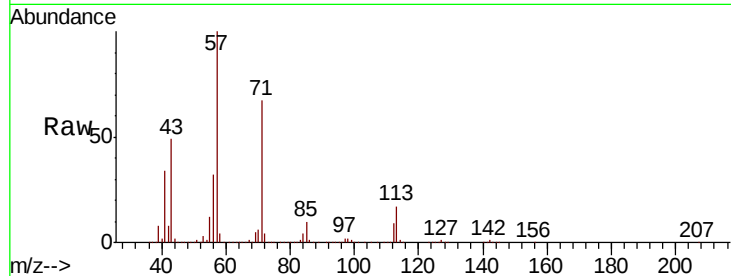




#74
N-amvl acetate
Concen: 356.44 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.02 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

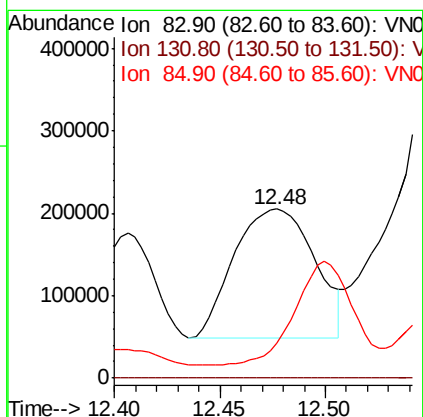
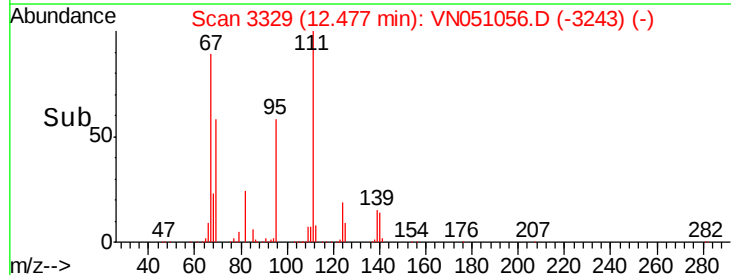
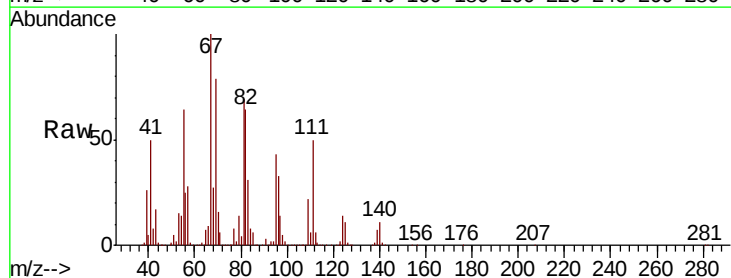
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-D(7-10)

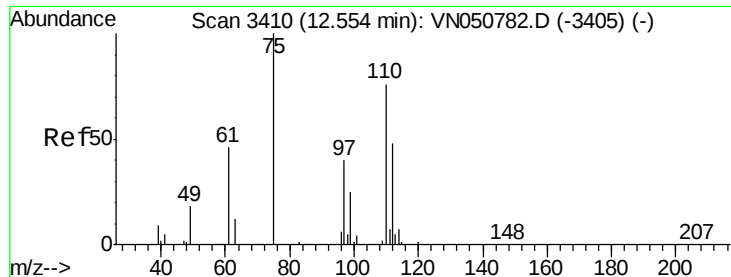
Tot Ion: 43 Resp: 4190167
Ion Ratio Lower Upper
43 100
70 10.3 36.2 54.2#
55 12.1 21.8 32.8#
61 0.0 20.5 30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 36.94 ug/l
RT: 12.48 min Scan# 3329
Delta R.T. -0.03 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 83 Resp: 416817
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 3.65 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

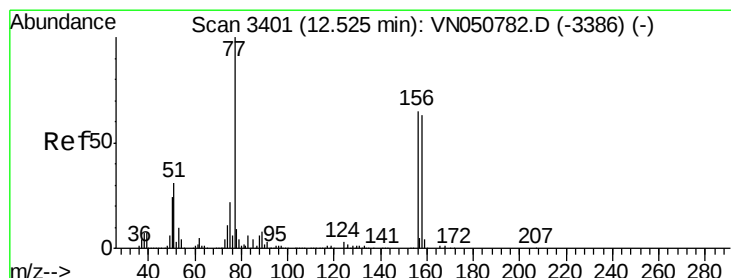
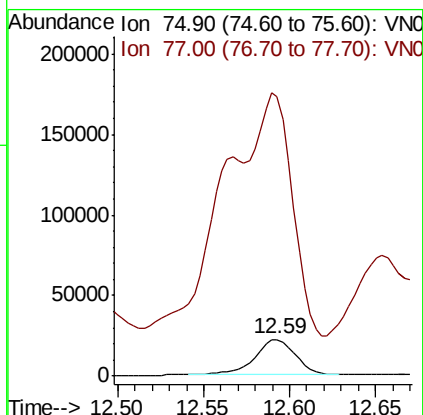
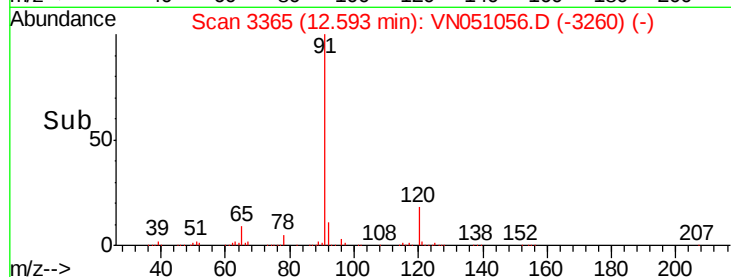
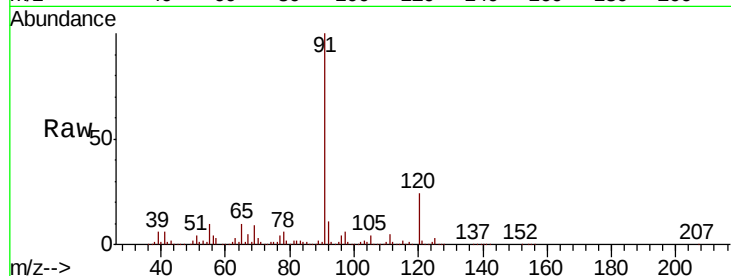
EP1-MW-D(7-10)

Tot Ion: 75 Resp: 36122

Ion Ratio Lower Upper

75 100

77 531.0 0.0 0.0#



#77

Bromobenzene

Concen: 0.46 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.02 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

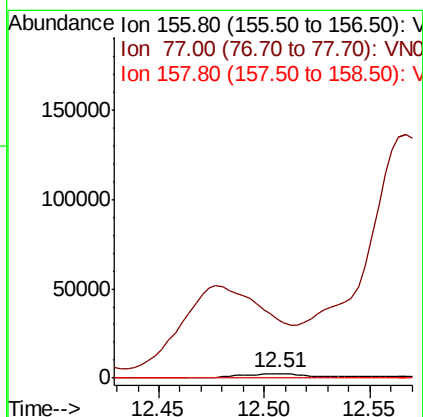
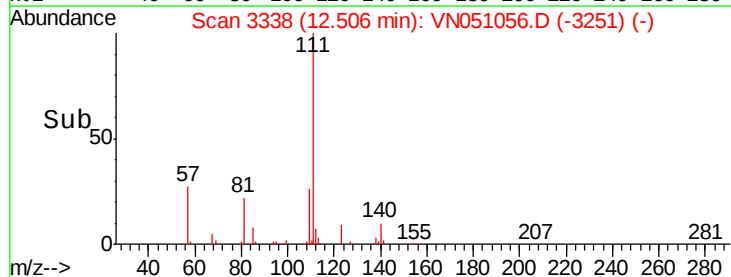
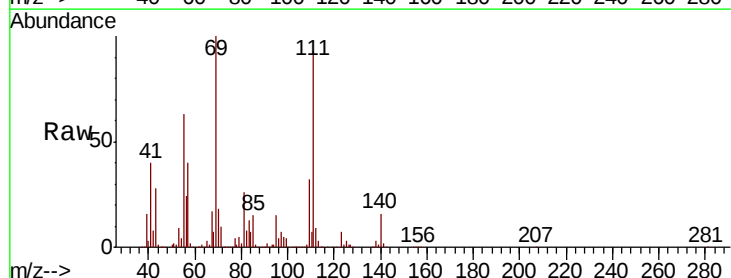
Tgt Ion: 156 Resp: 5803

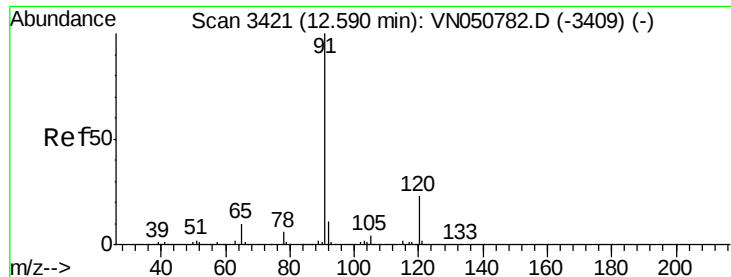
Ion Ratio Lower Upper

156 100

77 0.0 89.9 269.7#

158 0.0 49.3 147.9#





#78

n-propylbenzene

Concen: 128.32 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

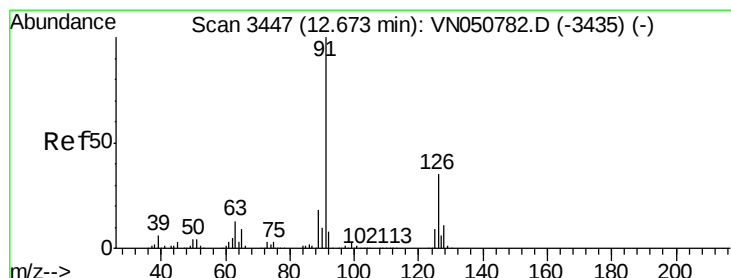
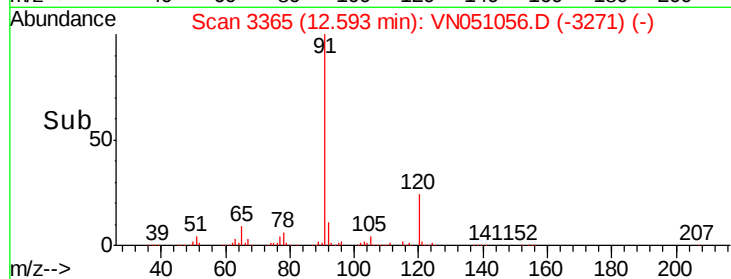
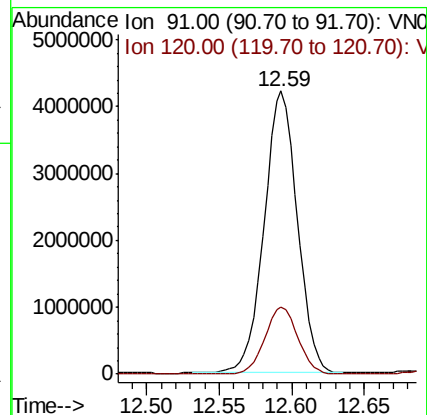
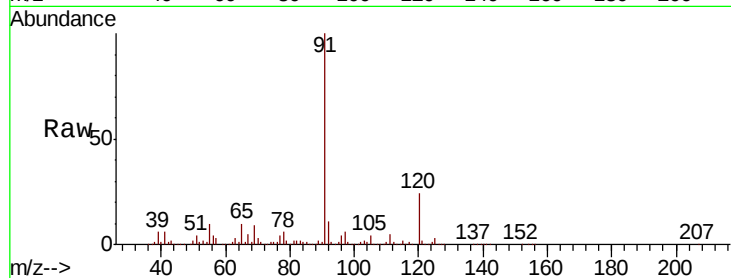
EP1-MW-D(7-10)

Tot Ion: 91 Resp: 6706398

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0



#79

2-Chlorotoluene

Concen: 206.00 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN051056.D

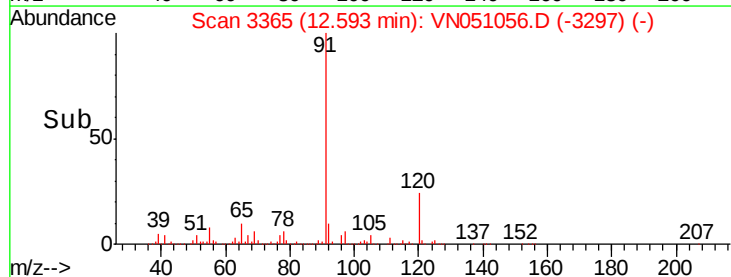
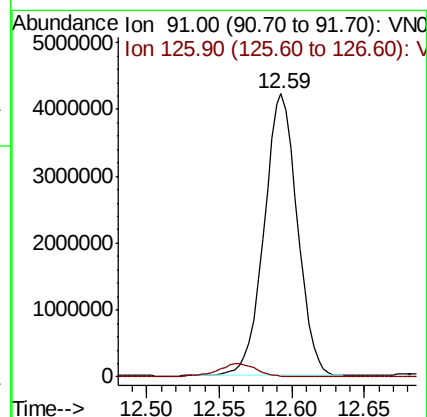
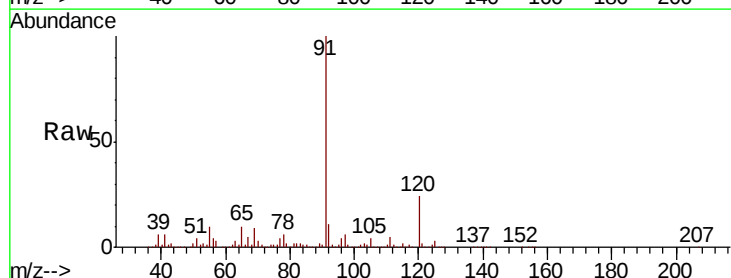
Acq: 7 Sep 2018 16:15

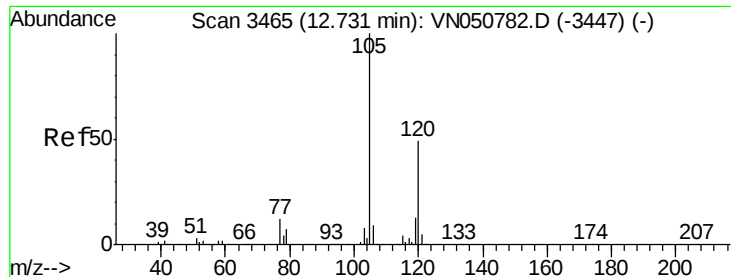
Tgt Ion: 91 Resp: 6706398

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.3#

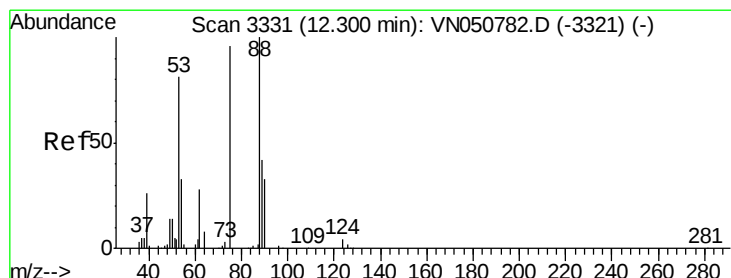
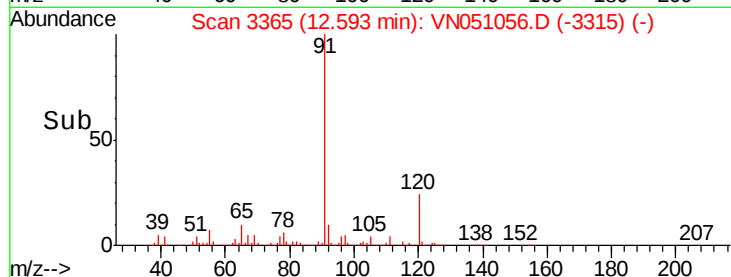
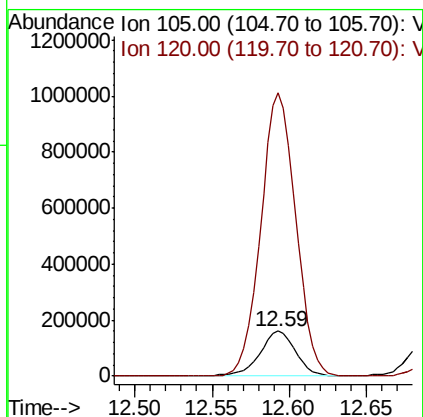
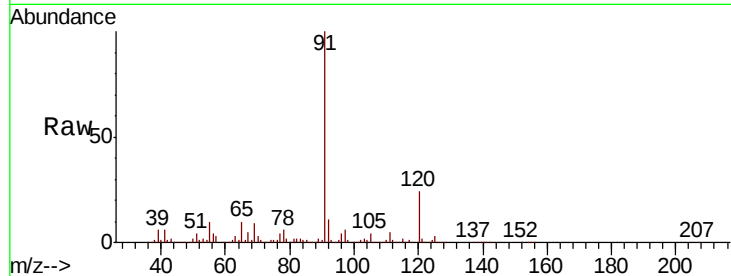




#80
 1,3,5-Trimethylbenzene
 Concen: 6.69 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.14 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

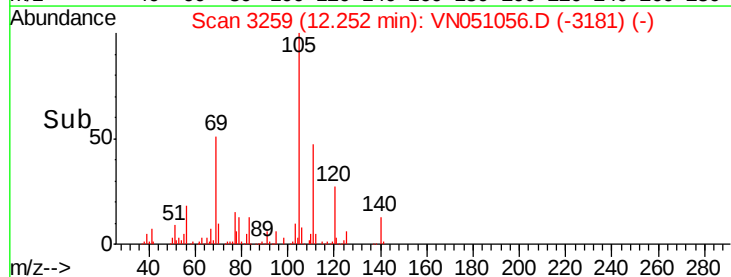
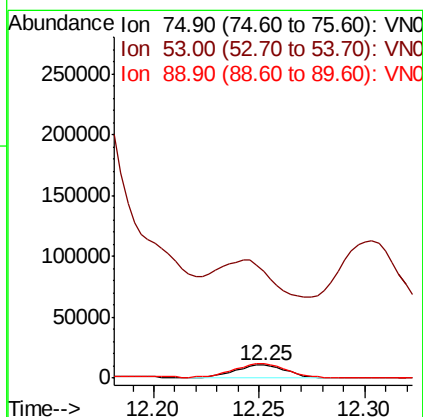
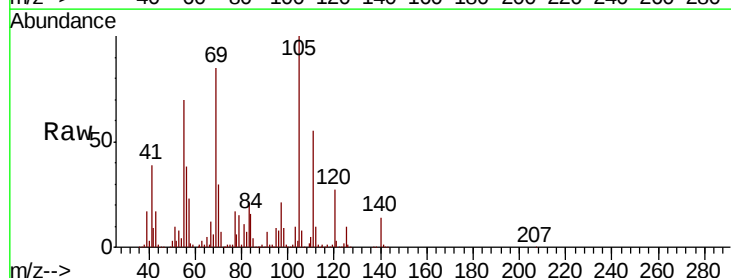
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

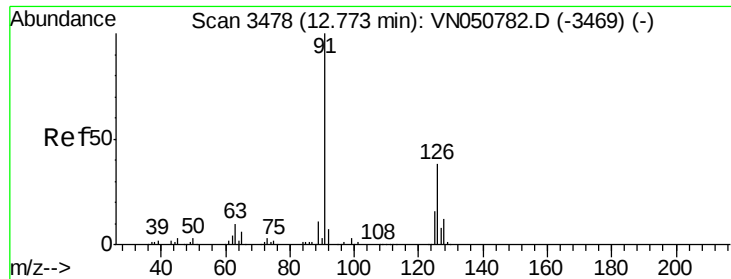
Tot Ion:105 Resp: 252404
 Ion Ratio Lower Upper
 105 100
 120 628.0 24.6 74.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.74 ug/l
 RT: 12.25 min Scan# 3259
 Delta R.T. -0.05 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion: 75 Resp: 16792
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.9 103.3#
 89 114.8 36.1 54.1#





#82

4-Chlorotoluene

Concen: 209.42 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

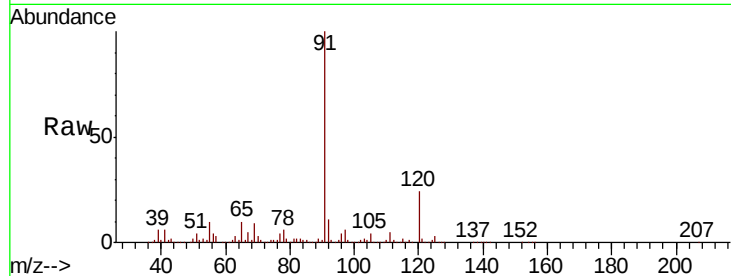
EP1-MW-D(7-10)

Tot Ion: 91 Resp: 6730725

Ion Ratio Lower Upper

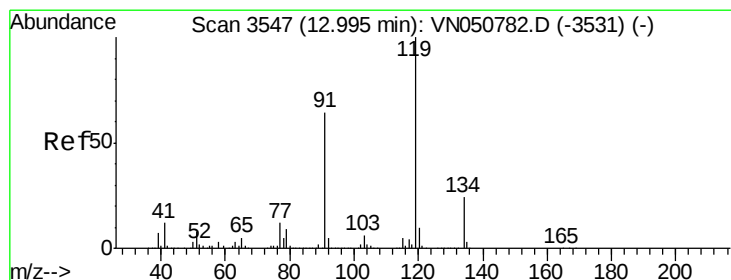
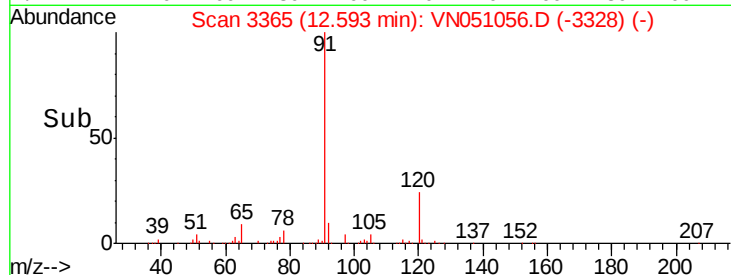
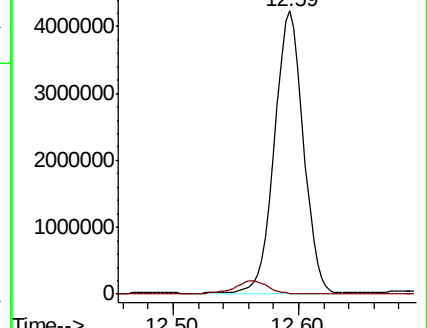
91 100

126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN051056.D (-3365) (-)

Ion 125.90 (125.60 to 126.60): VN051056.D (-3365) (-)



#83

tert-Butylbenzene

Concen: 20.69 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

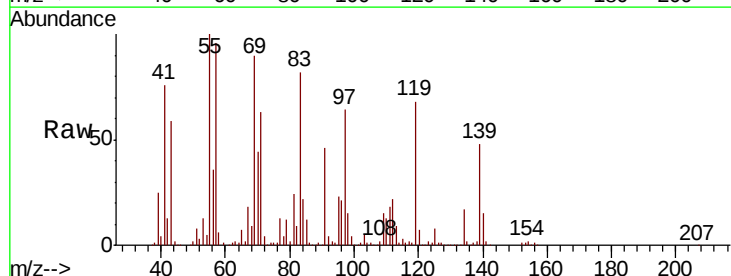
Tgt Ion: 119 Resp: 676585

Ion Ratio Lower Upper

119 100

91 69.9 31.6 94.7

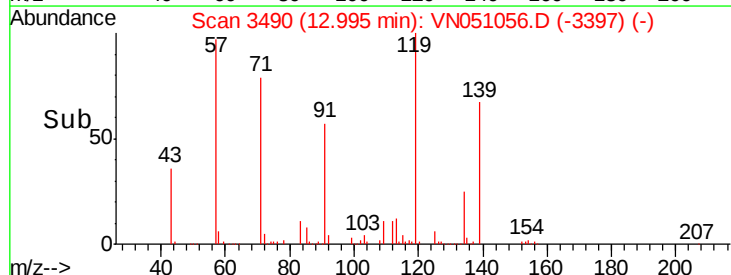
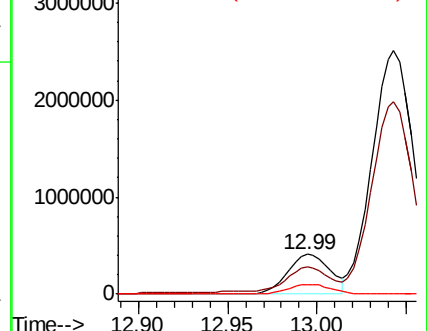
134 24.7 13.4 40.1

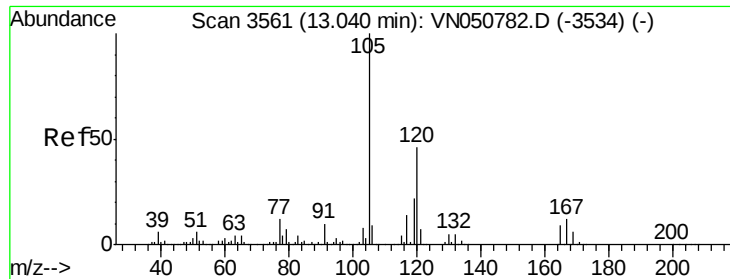


Abundance Ion 119.00 (118.70 to 119.70): VN051056.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN051056.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN051056.D (-3490) (-)

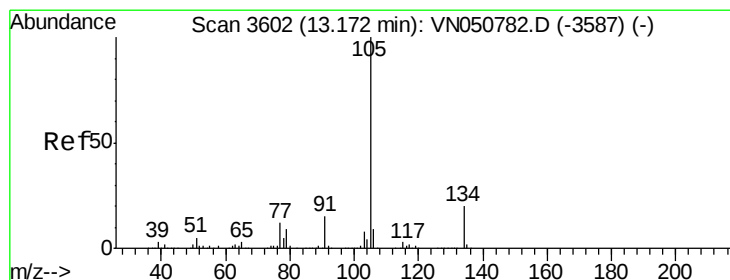
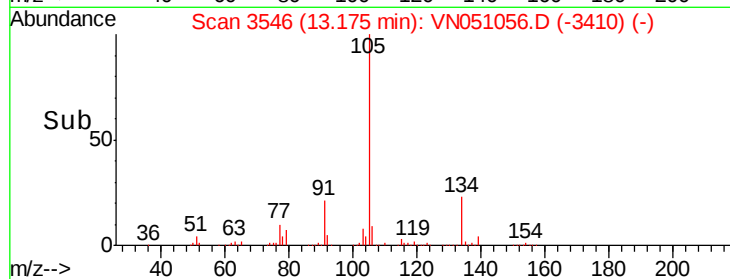
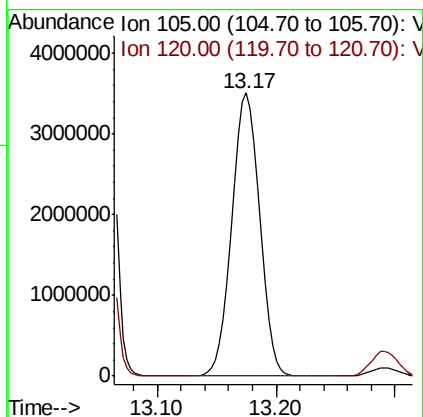
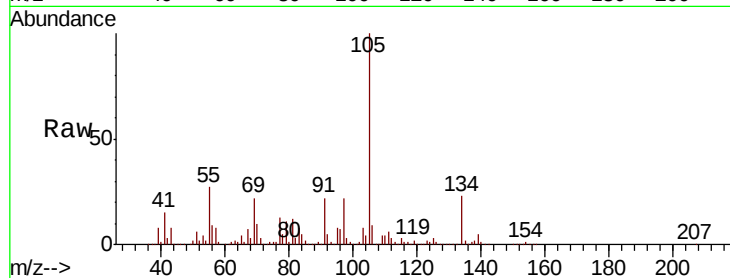




#84
 1,2,4-Trimethylbenzene
 Concen: 149.66 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.14 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

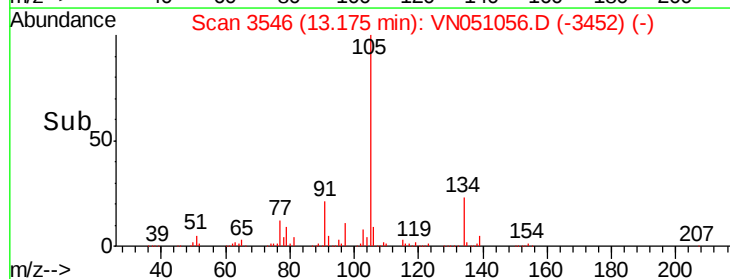
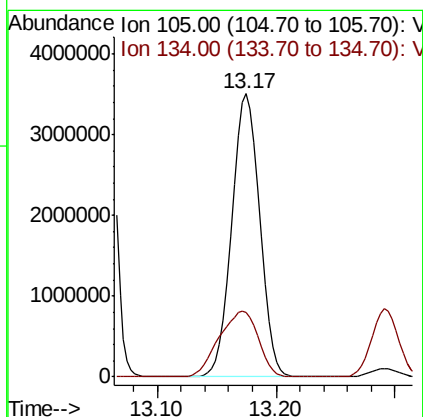
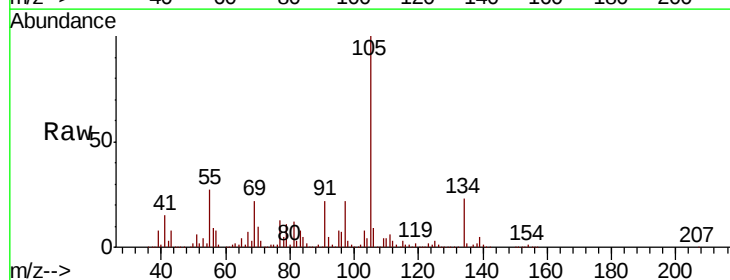
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

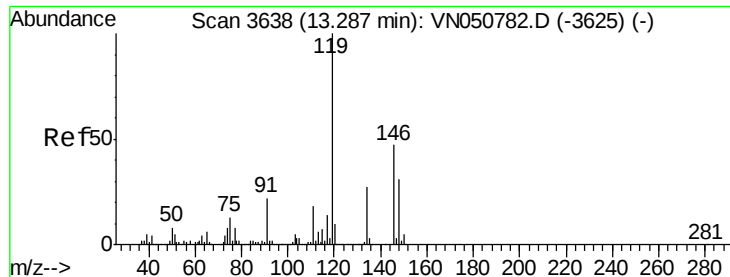
Tot Ion:105 Resp: 5682999
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#



#85
 sec-Butylbenzene
 Concen: 132.65 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion:105 Resp: 5682999
 Ion Ratio Lower Upper
 105 100
 134 32.8 10.3 30.8#

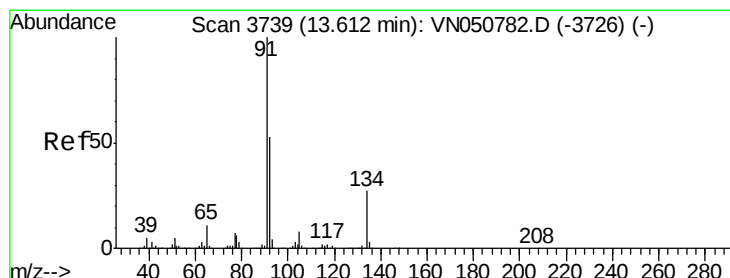
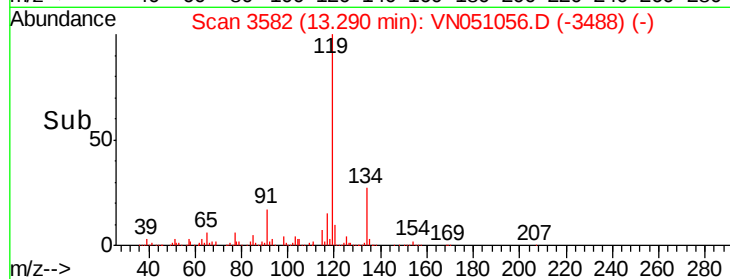
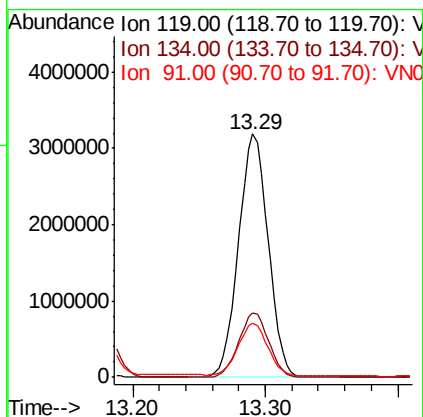
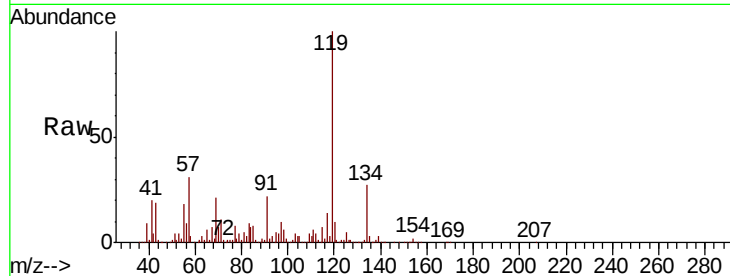




#86
 p-Isopropyltoluene
 Concen: 135.42 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

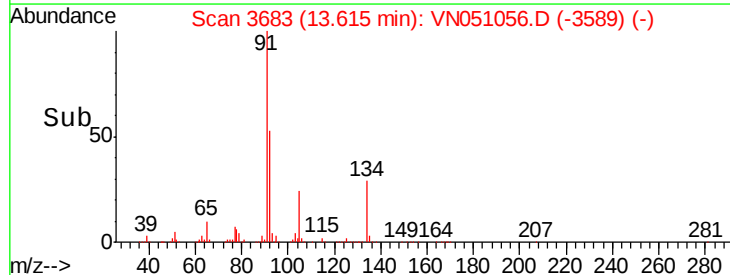
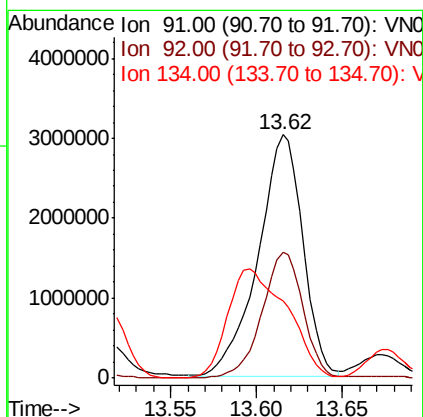
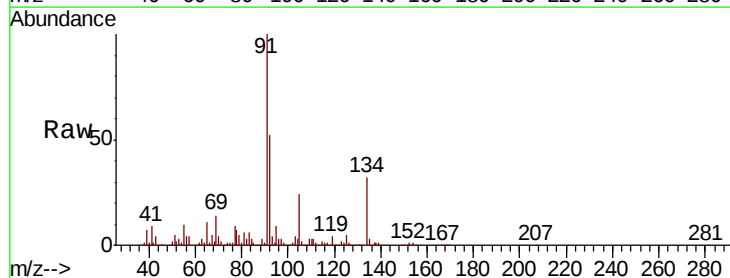
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

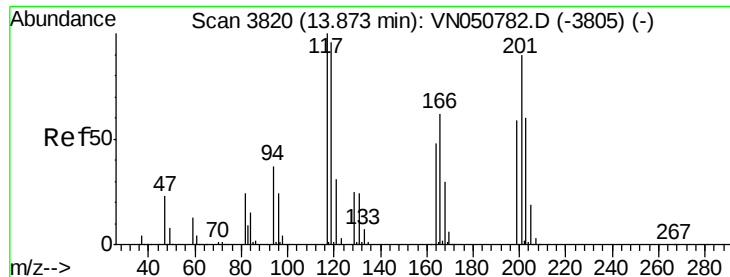
Tot Ion:119 Resp: 4943379
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.0
 91 22.1 11.2 33.5



#89
 n-Butylbenzene
 Concen: 186.38 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion: 91 Resp: 5441570
 Ion Ratio Lower Upper
 91 100
 92 47.5 26.1 78.2
 134 60.0 13.2 39.6#





#90

Hexachloroethane

Concen: 131.57 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

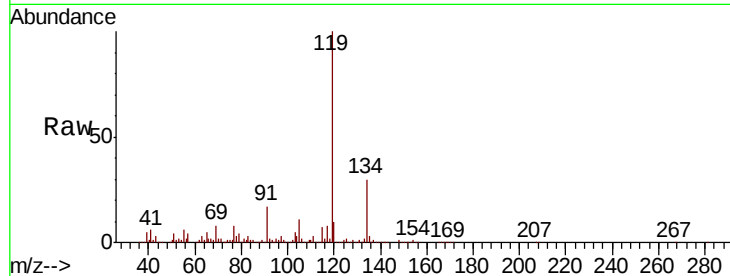
EP1-MW-D(7-10)

Tot Ion:117 Resp: 917482

Ion Ratio Lower Upper

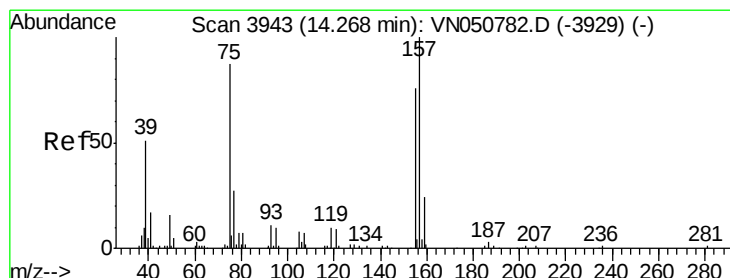
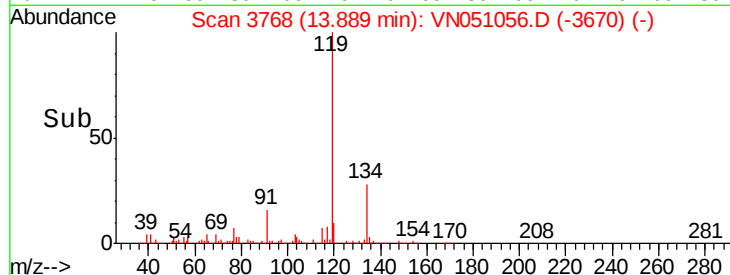
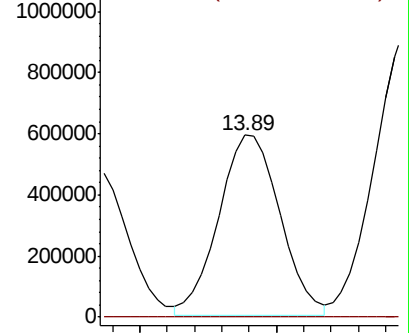
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.31 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

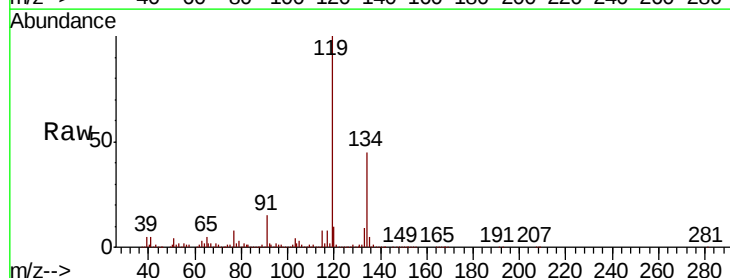
Tgt Ion: 75 Resp: 42531

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

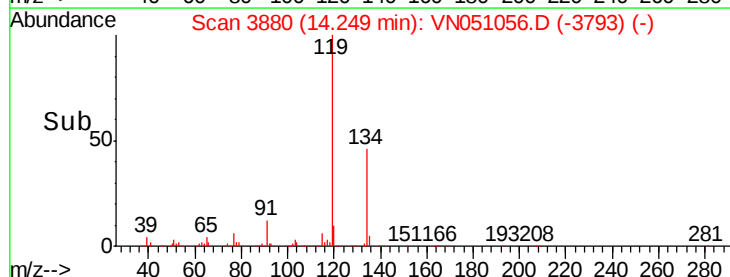
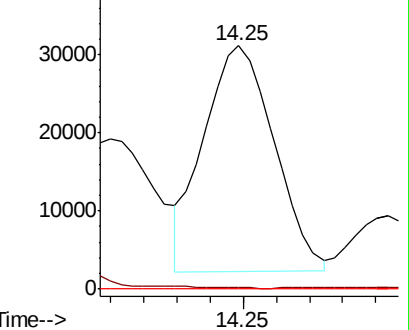
157 0.0 60.7 182.0#

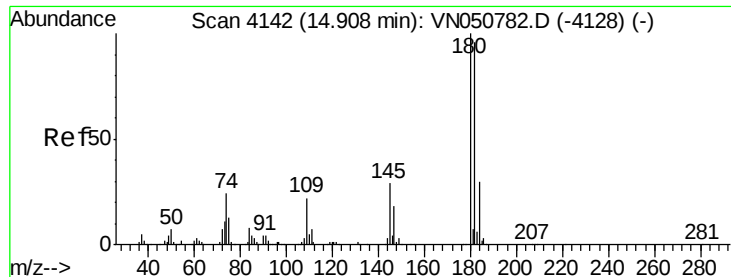


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

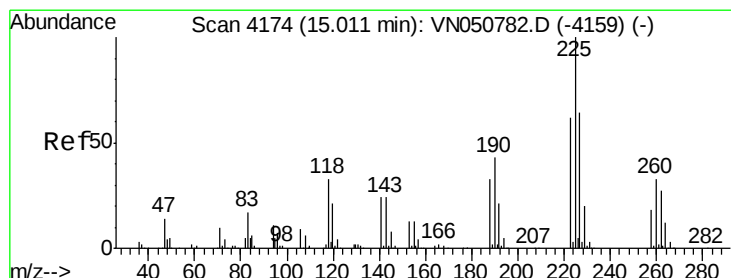
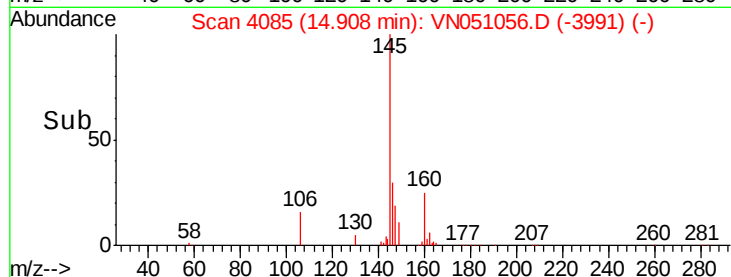
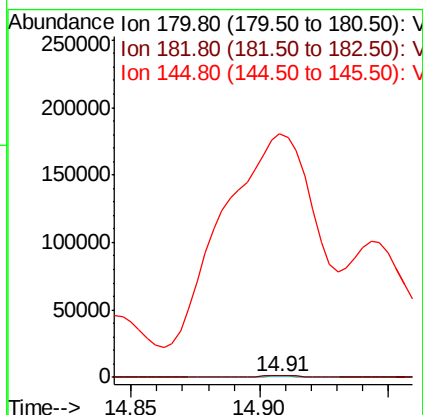
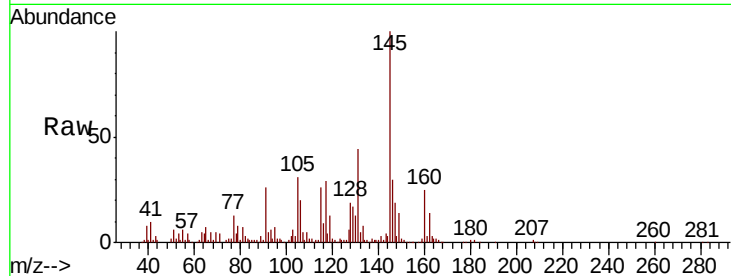




#93
 1,2,4-Trichlorobenzene
 Concen: 4.18 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

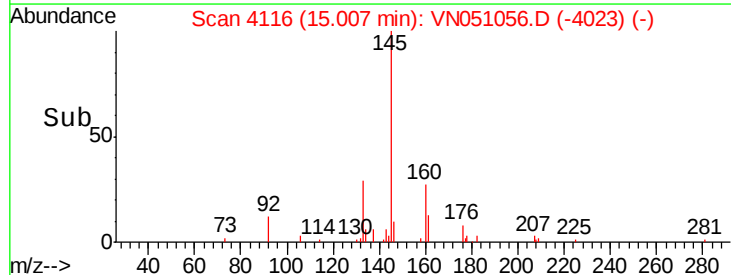
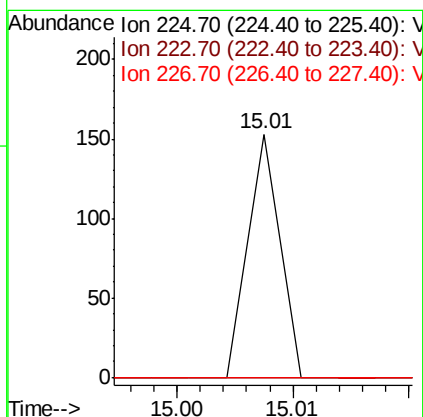
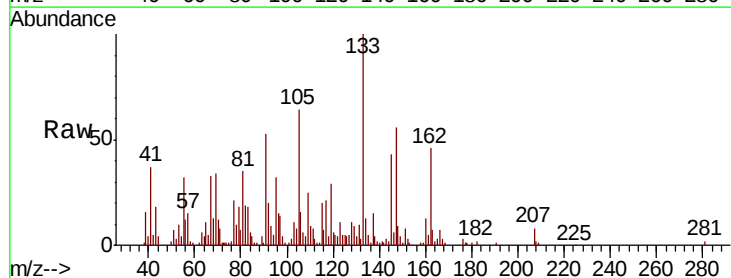
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

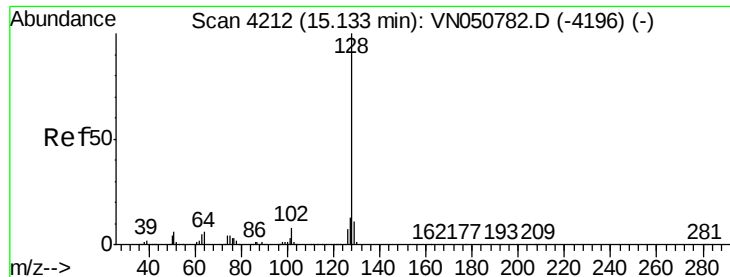
Tot Ion:180 Resp: 1111
 Ion Ratio Lower Upper
 180 100
 182 188.1 48.2 144.6#
 145 35017.9 14.1 42.2#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion:225 Resp: 30
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.3 93.8#
 227 0.0 32.0 96.2#





#95

Naphthalene

Concen: 6.11 ug/l

RT: 15.09 min Scan# 4143

Delta R.T. -0.04 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-D(7-10)

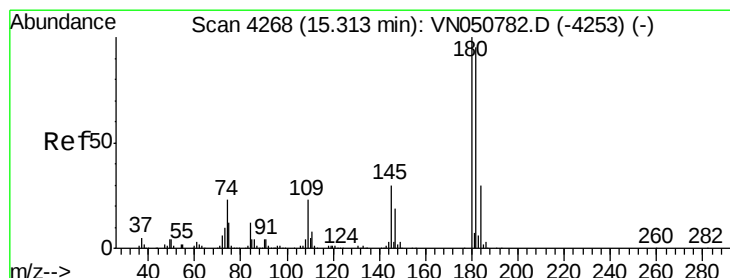
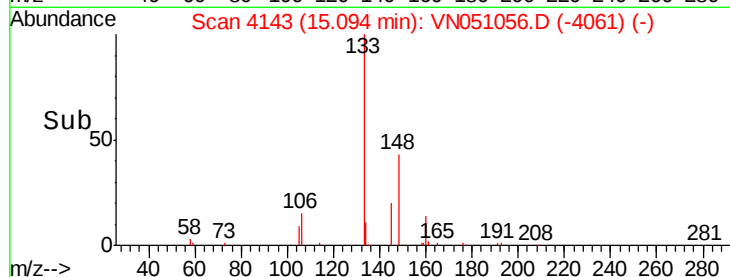
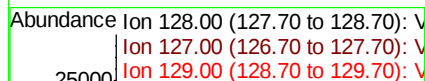
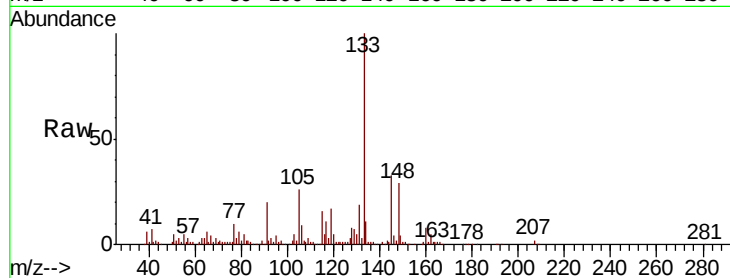
Tot Ion:128 Resp: 18017

Ion Ratio Lower Upper

128 100

127 33.2 10.5 15.7#

129 68.2 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 3.45 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Tgt Ion:180 Resp: 1655

Ion Ratio Lower Upper

180 100

182 34.7 48.0 144.2#

145 0.0 15.2 45.6#

