

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051106.D
 Acq On : 11 Sep 2018 3:39
 Operator : MD\SY
 Sample : J4693-04ME
 Misc : 6.30g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

Quant Time: Sep 11 04:39:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	587883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	902011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	847061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	718466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	340234	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
35) Dibromofluoromethane	7.59	113	327811	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	10.09	98	1345998	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.40	95	1346553	158.27	ug/l	0.00
Spiked Amount			Recovery	=	316.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	3513	Below Cal	#	81
5) Bromomethane	2.55	94	137	Below Cal	#	7
10) Methyl Iodide	3.93	142	1866	5.90	ug/l	# 68
11) Tert butyl alcohol	4.73	59	10132	20.28	ug/l	# 73
16) Acetone	3.82	43	2039	Below Cal		92
17) Carbon Disulfide	4.04	76	6090	0.44	ug/l	96
18) Methyl Acetate	4.33	43	11492	2.19	ug/l	97
20) Methylene Chloride	4.54	84	3689	0.51	ug/l	# 95
25) 2-Butanone	6.84	43	846	0.33	ug/l	# 46
29) Tetrahydrofuran	7.22	42	394	0.25	ug/l	# 31
31) Cyclohexane	7.66	56	9689	0.68	ug/l	# 1
36) 1,1-Dichloropropene	7.66	75	38631	3.90	ug/l	# 48
38) Carbon Tetrachloride	7.66	117	51309	5.26	ug/l	# 17
39) Methylcyclohexane	9.05	83	5289	0.48	ug/l	# 31
43) Isopropyl Acetate	8.14	43	2465	0.24	ug/l	# 50
48) Methyl methacrylate	9.23	41	2132	0.43	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.02	43	5832	1.04	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	379424	57.40	ug/l	# 20
56) Ethyl methacrylate	10.43	69	200570	23.96	ug/l	# 17
58) 2-Chloroethyl Vinyl ether	9.65	63	65	15.24	ug/l	# 47
59) 2-Hexanone	10.72	43	3377793	889.95	ug/l	# 26
60) Dibromochloromethane	10.82	129	6857	0.92	ug/l	66
61) 1,2-Dibromoethane	11.01	107	3571	0.55	ug/l	# 1
65) Chlorobenzene	11.35	112	14586	0.68	ug/l	# 42
74) N-amyl acetate	12.05	43	10544835	695.42	ug/l	# 54
75) 1,1,2,2-Tetrachloroethane	12.48	83	1036616	75.81	ug/l	# 26
76) 1,2,3-Trichloropropane	12.57	75	10240	Below Cal	#	100
77) Bromobenzene	12.51	156	13590	0.84	ug/l	# 1
78) n-propylbenzene	12.57	91	359147	5.42	ug/l	# 51
79) 2-Chlorotoluene	12.66	91	227561	5.50	ug/l	# 39
80) 1,3,5-Trimethylbenzene	12.73	105	18967	0.39	ug/l	# 43
81) trans-1,4-Dichloro-2-buten	12.40	75	191172	50.53	ug/l	# 56
82) 4-Chlorotoluene	12.79	91	78015	1.90	ug/l	# 1
83) tert-Butylbenzene	13.00	119	46439	1.08	ug/l	# 28

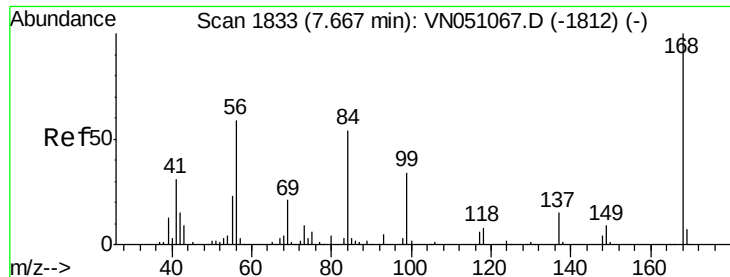
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091018\
 Data File : VN051106.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.17	105	2426761	50.67	ug/l #	30
85) sec-Butylbenzene	13.17	105	2426761	44.00	ug/l #	55
86) p-Isopropyltoluene	13.29	119	155346	3.32	ug/l #	78
89) n-Butylbenzene	13.59	91	619661	17.03	ug/l #	1
90) Hexachloroethane	13.89	117	280777	32.77	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.29	75	35720	17.79	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	481	4.02	ug/l #	1
95) Naphthalene	15.10	128	43676	6.78	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.32	180	180	2.96	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

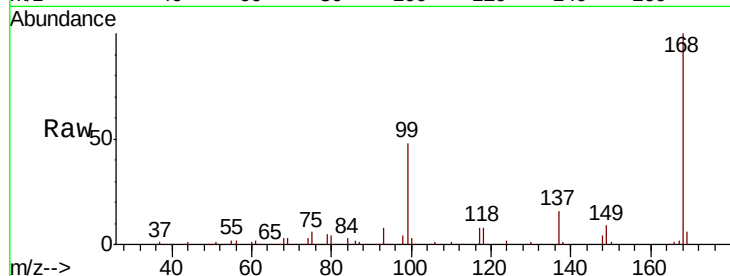
EP1-MW-F(7-10)ME

Tot Ion:168 Resp: 587883

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051106.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051106.D (-1740) (-)

7.66

250000

200000

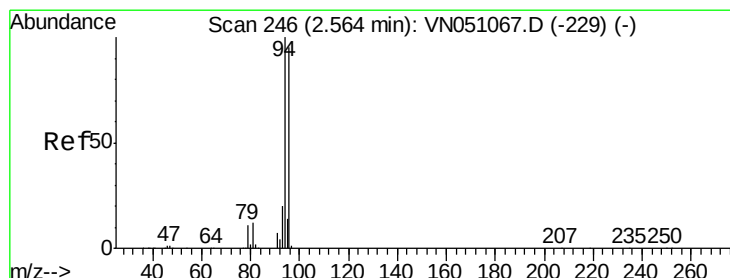
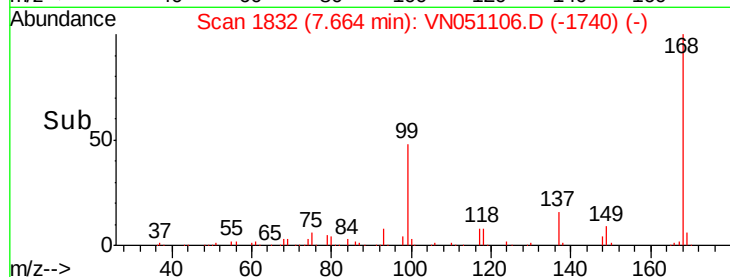
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051106.D

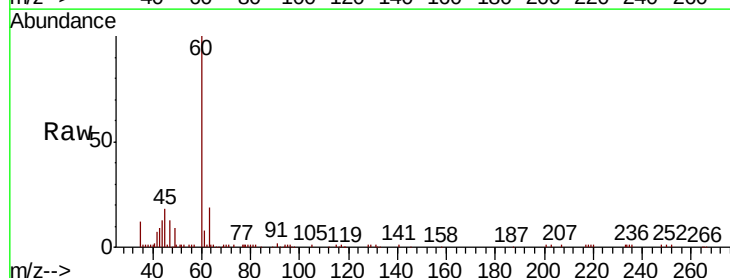
Acq: 11 Sep 2018 3:39

Tgt Ion: 94 Resp: 137

Ion Ratio Lower Upper

94 100

96 4.8 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VN051106.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051106.D (-153) (-)

2.55

600

500

400

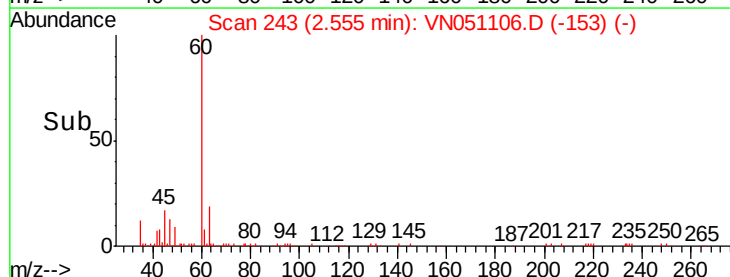
300

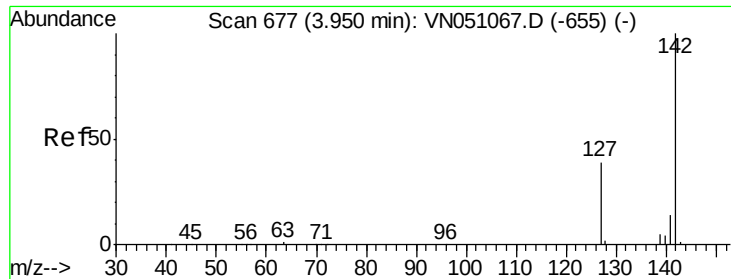
200

100

0

Time-->

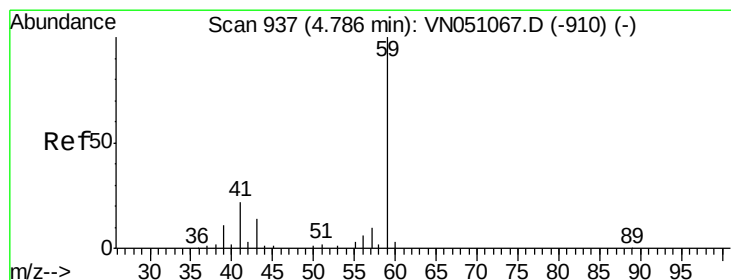
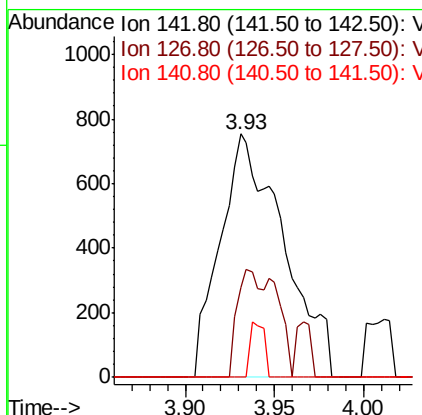
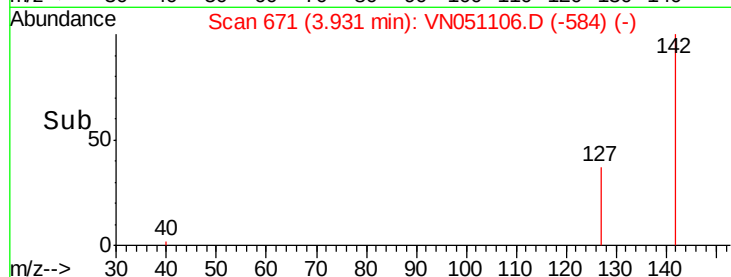
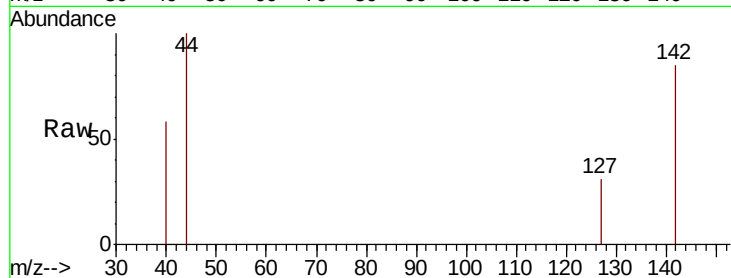




#10
Methvl Iodide
Concen: 5.90 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.02 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

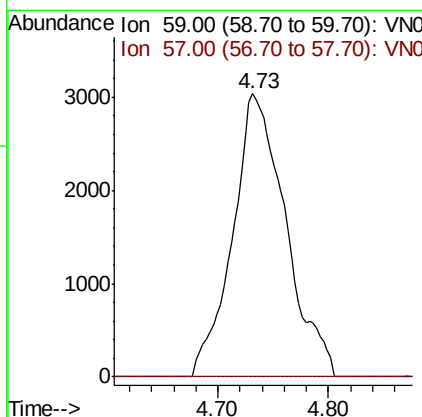
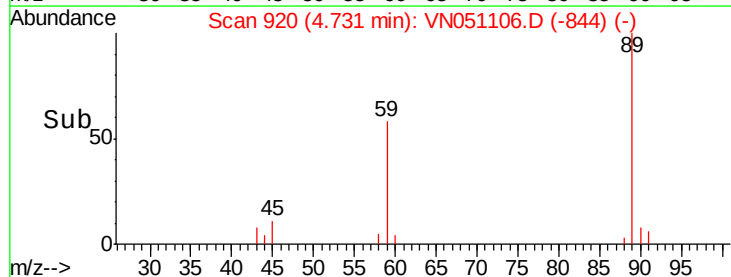
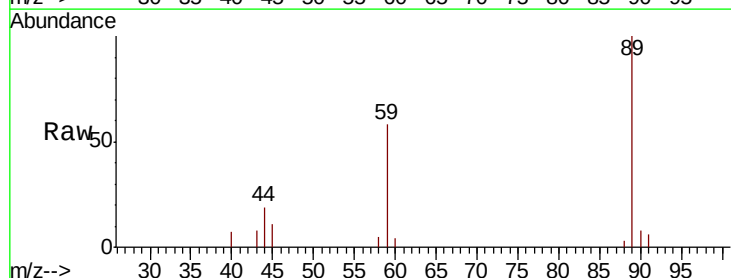
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F(7-10)ME

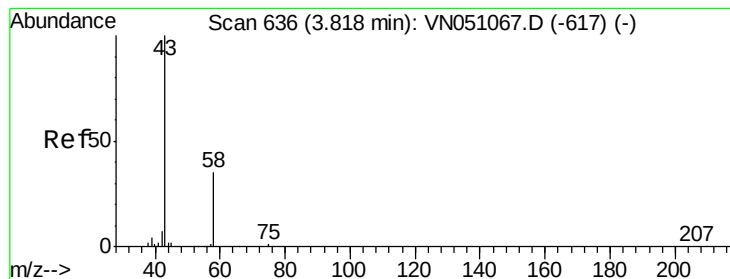
Tot Ion:142 Resp: 1866
Ion Ratio Lower Upper
142 100
127 17.3 31.0 46.4#
141 5.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 20.28 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.05 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion: 59 Resp: 10132
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

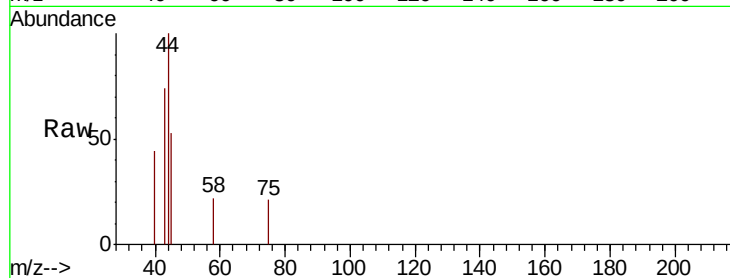
EP1-MW-F(7-10)ME

Tot Ion: 43 Resp: 2039

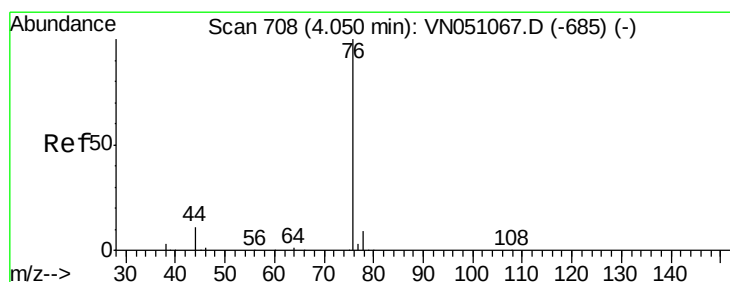
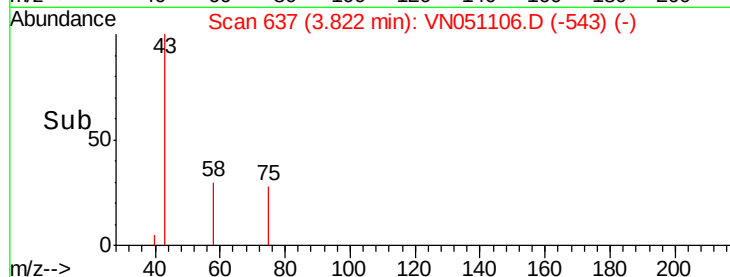
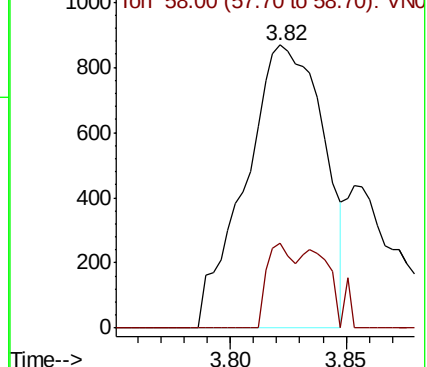
Ion Ratio Lower Upper

43 100

58 30.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051106.D (-617) (-)



#17

Carbon Disulfide

Concen: 0.44 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN051106.D

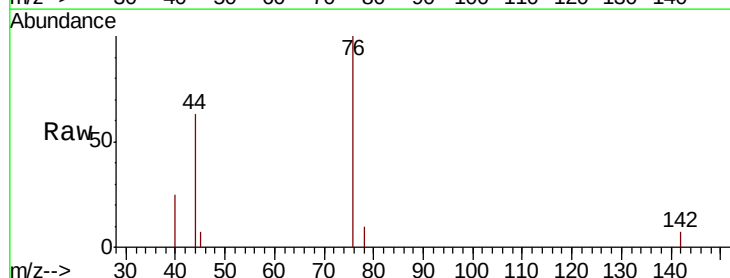
Acq: 11 Sep 2018 3:39

Tgt Ion: 76 Resp: 6090

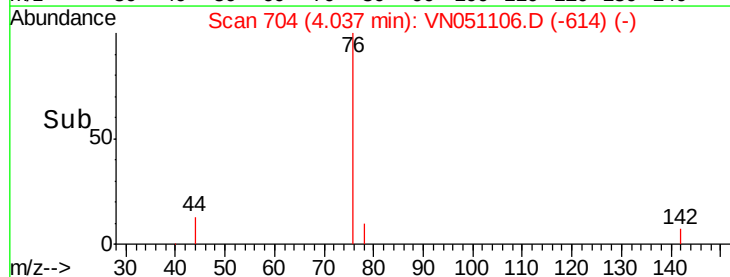
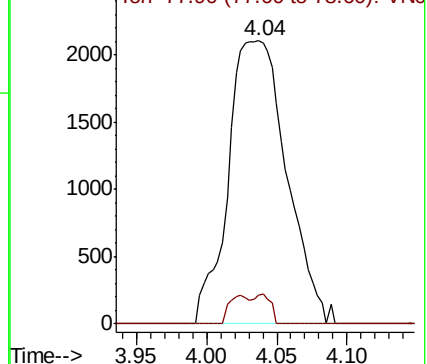
Ion Ratio Lower Upper

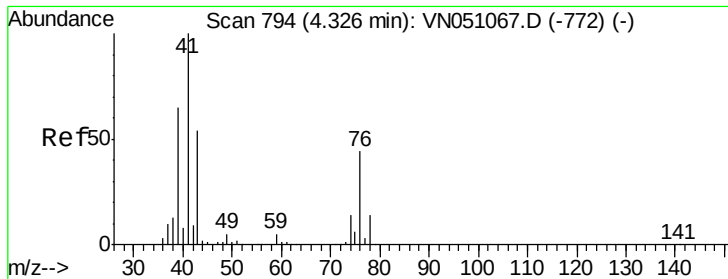
76 100

78 10.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN051106.D (-614) (-)

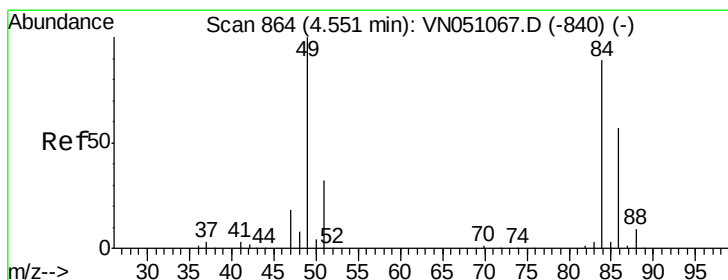
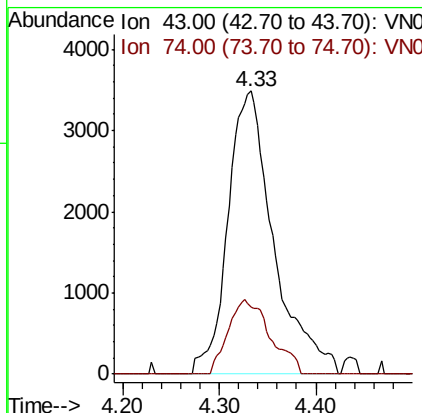
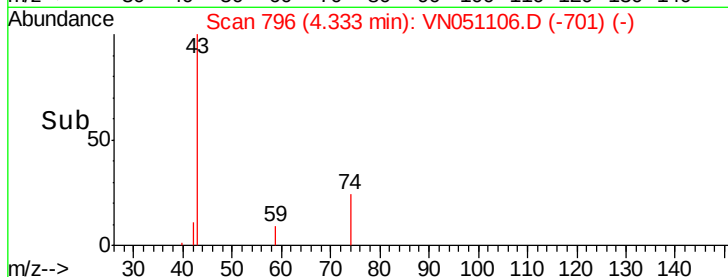
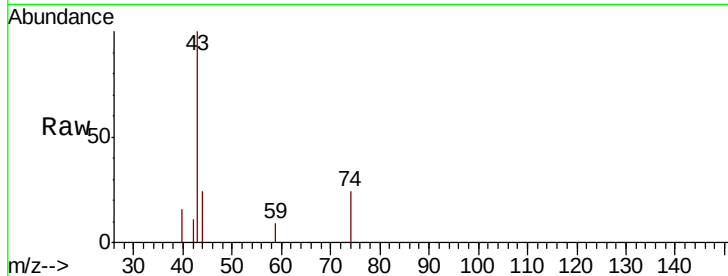




#18
Methyl Acetate
Concen: 2.19 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

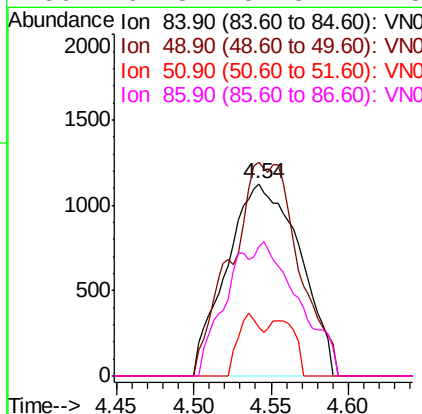
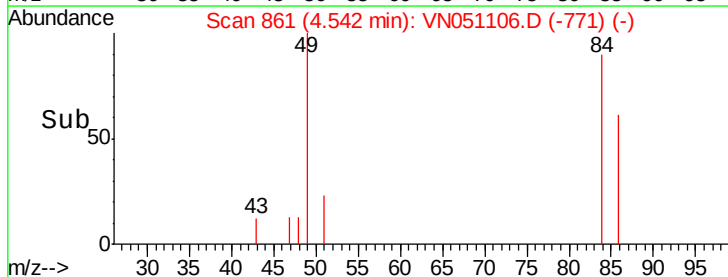
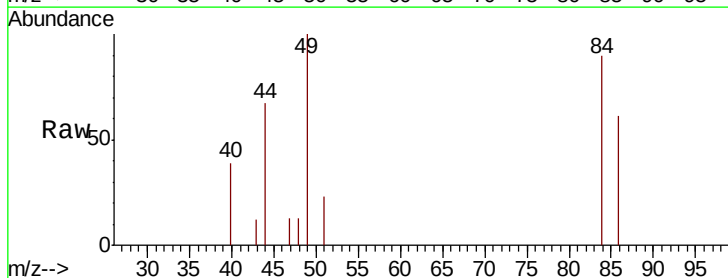
Instrument :
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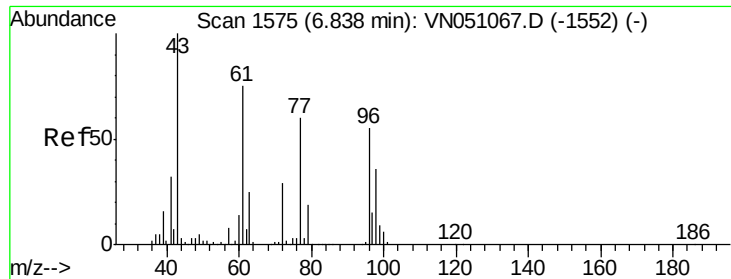
Tot Ion: 43 Resp: 11492
Ion Ratio Lower Upper
43 100
74 24.3 20.7 31.1



#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion: 84 Resp: 3689
Ion Ratio Lower Upper
84 100
49 111.1 90.2 135.2
51 25.5 28.4 42.6#
86 67.3 51.8 77.8

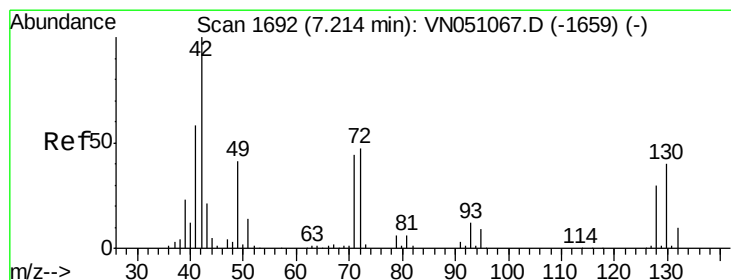
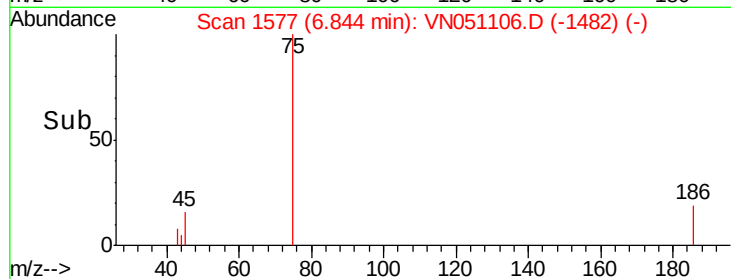
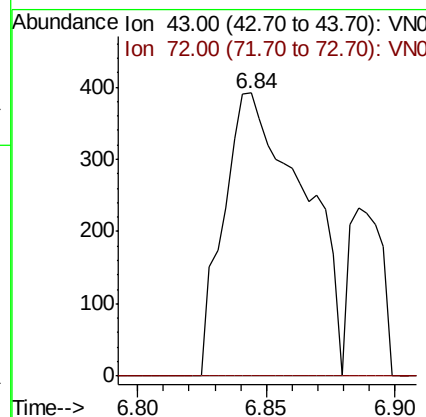
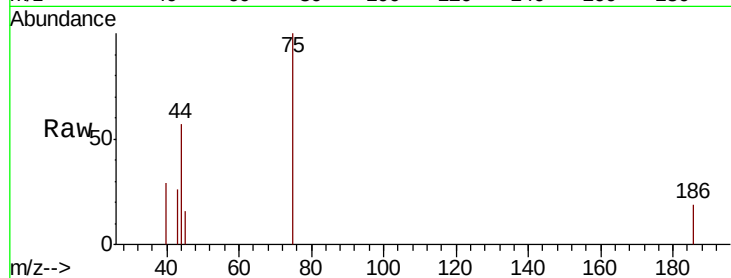




#25
2-Butanone
Concen: 0.33 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

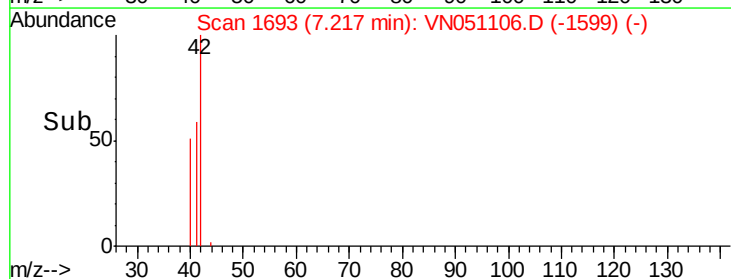
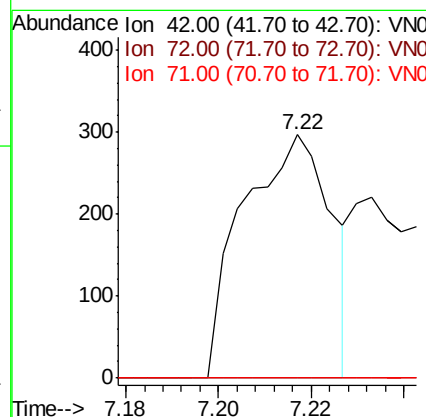
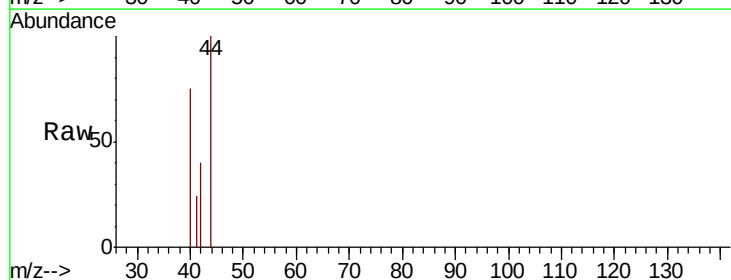
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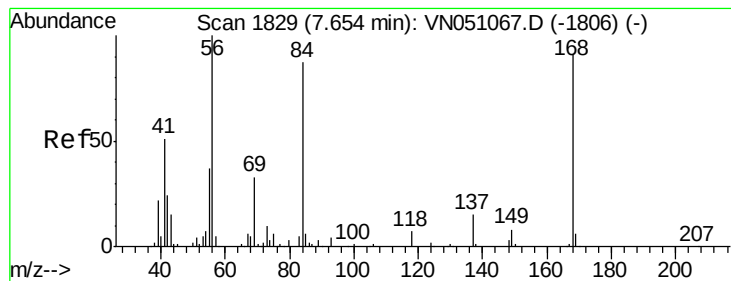
Tot Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#



#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion: 42 Resp: 394
Ion Ratio Lower Upper
42 100
72 0.0 37.4 56.0#
71 0.0 34.7 52.1#





#31

Cyclohexane

Concen: 0.68 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F(7-10)ME

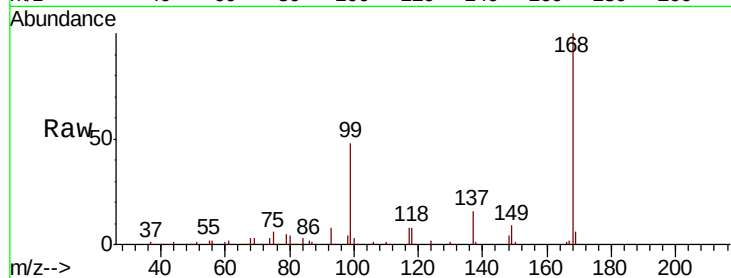
Tot Ion: 56 Resp: 9689

Ion Ratio Lower Upper

56 100

69 208.9 26.3 39.5#

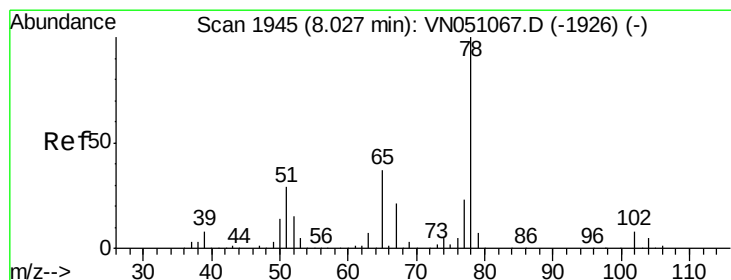
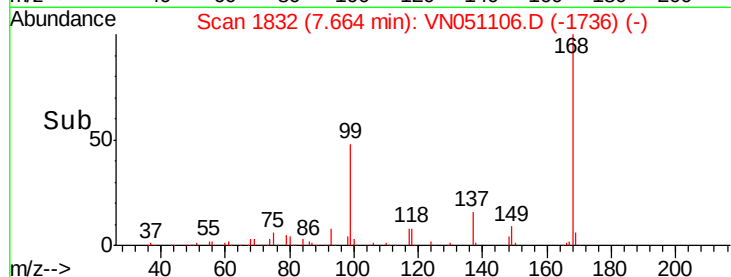
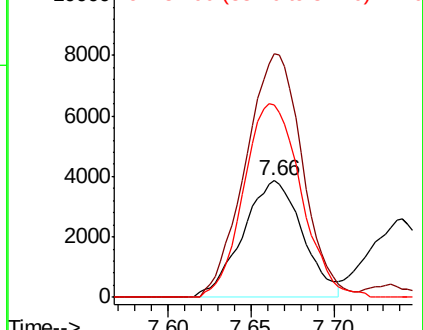
84 165.0 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.01 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051106.D

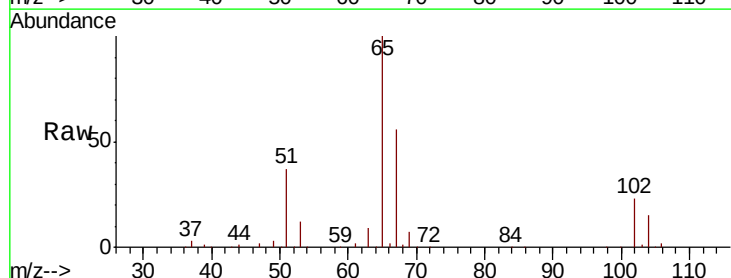
Acq: 11 Sep 2018 3:39

Tgt Ion: 65 Resp: 340234

Ion Ratio Lower Upper

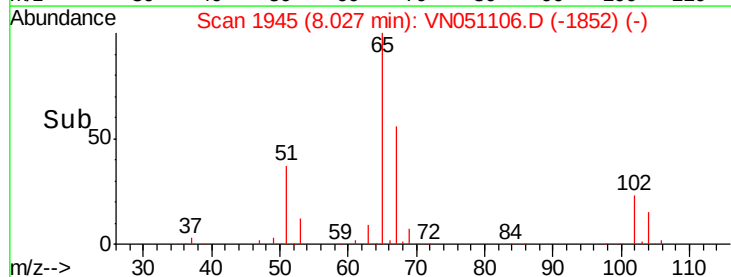
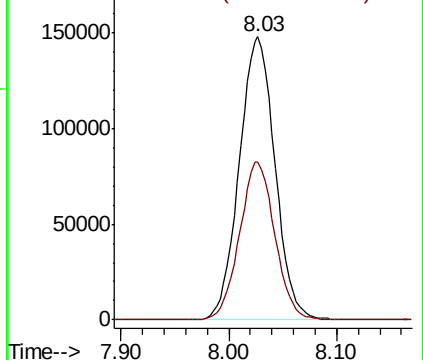
65 100

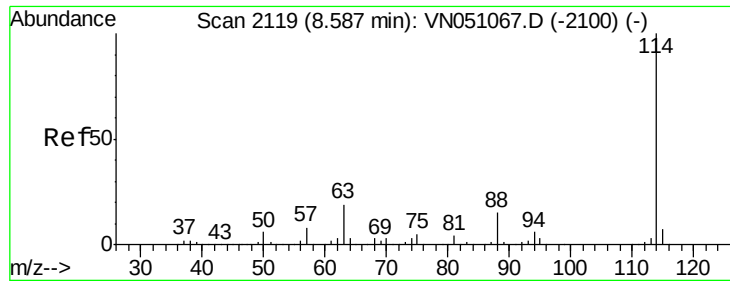
67 55.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

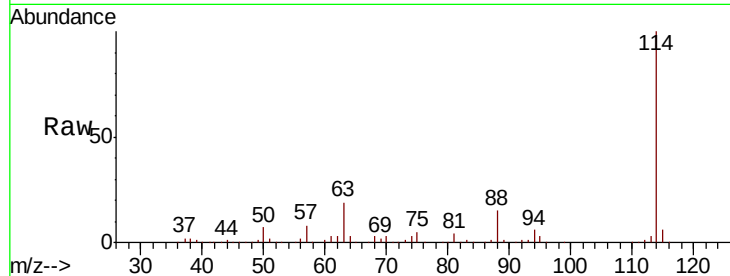




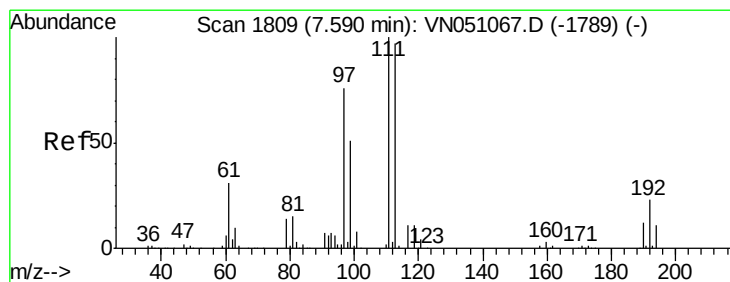
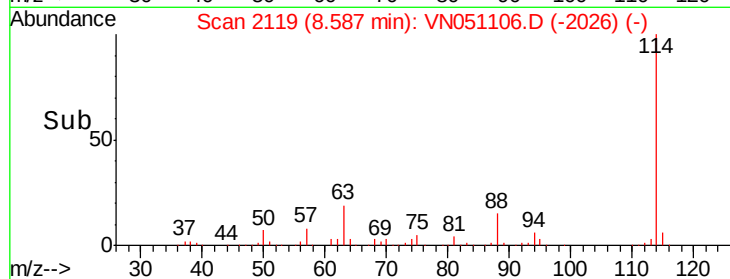
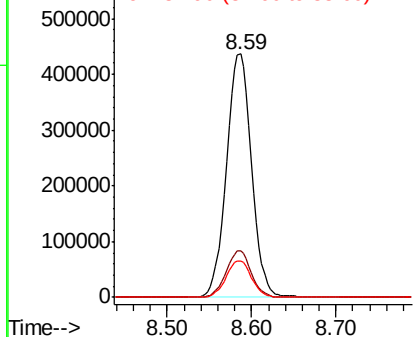
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

Tot Ion:114	Resp:	902011
Ion Ratio	Lower	Upper
114	100	
63	19.3	0.0 37.8
88	14.9	0.0 30.8

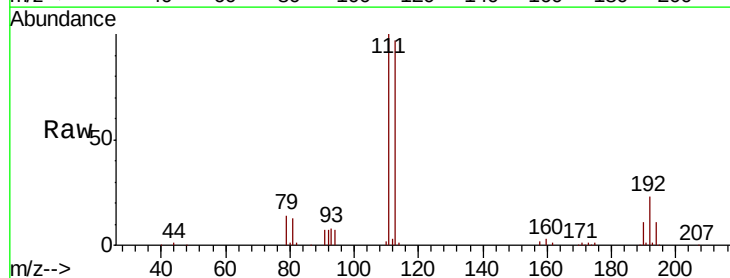


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

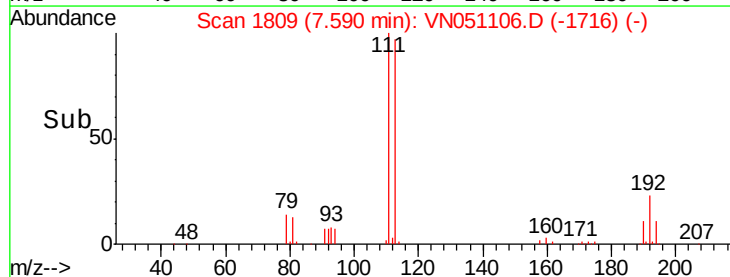
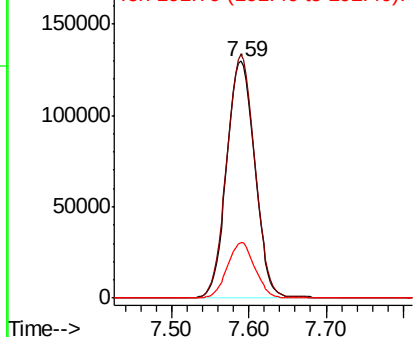


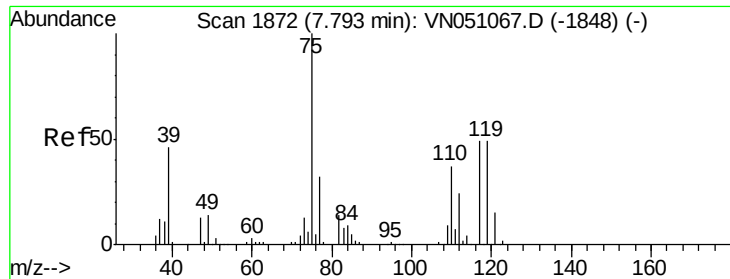
#35
 Dibromofluoromethane
 Concen: 48.36 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Tgt Ion:113	Resp:	327811
Ion Ratio	Lower	Upper
113	100	
111	101.8	83.0 124.6
192	22.9	18.7 28.1



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

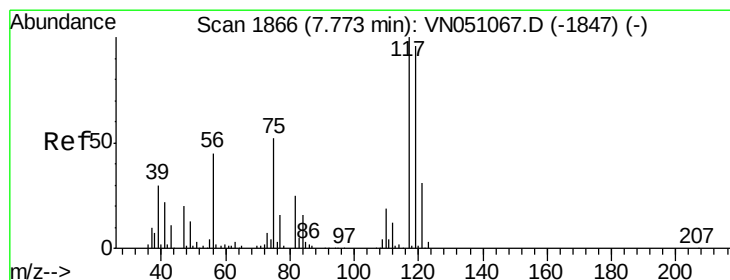
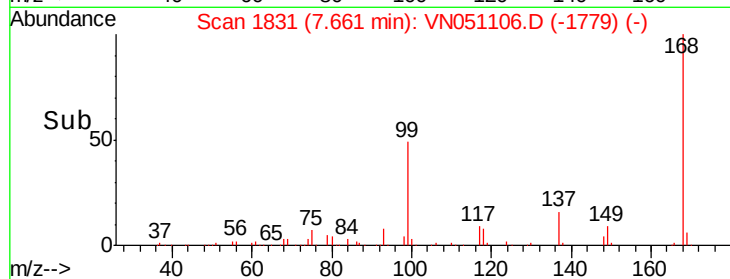
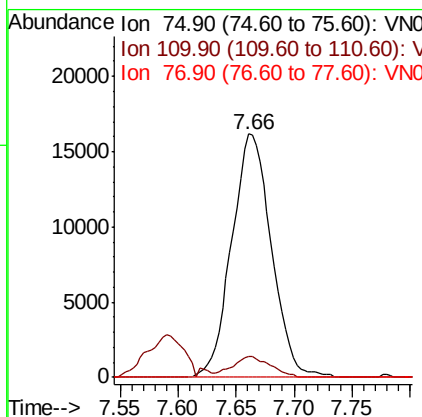
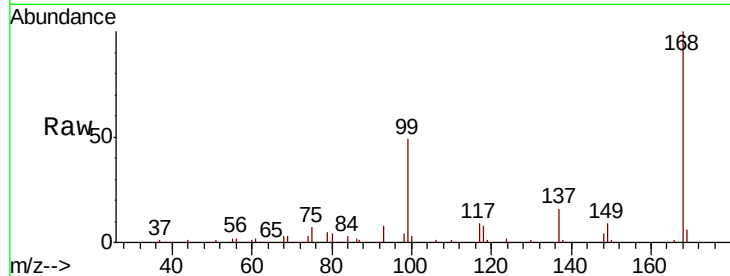




#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

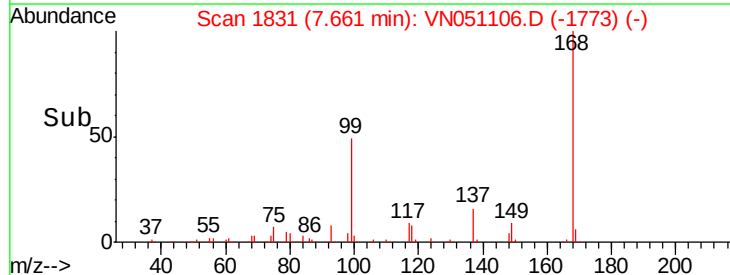
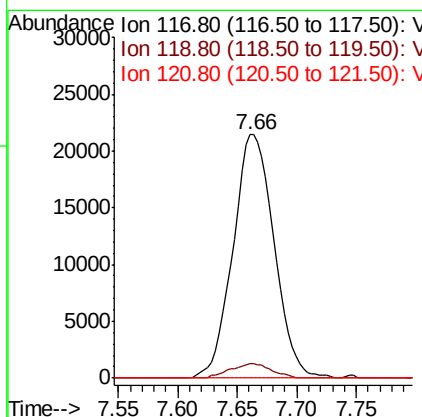
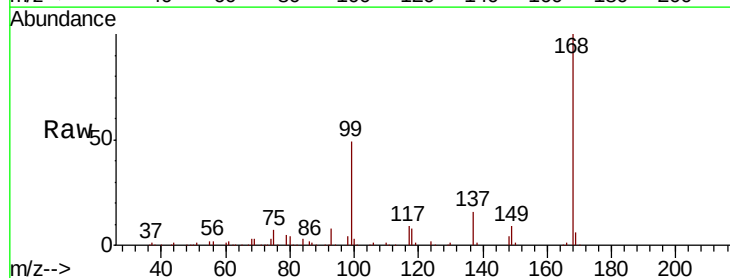
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

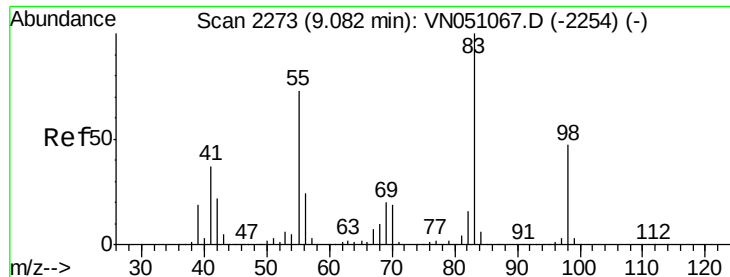
Tot Ion	75	Resp	38631
Ion Ratio	Lower	Upper	
75	100		
110	8.2	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.26 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Tgt Ion	117	Resp	51309
Ion Ratio	Lower	Upper	
117	100		
119	5.9	76.8	115.2#
121	0.0	24.6	36.8#

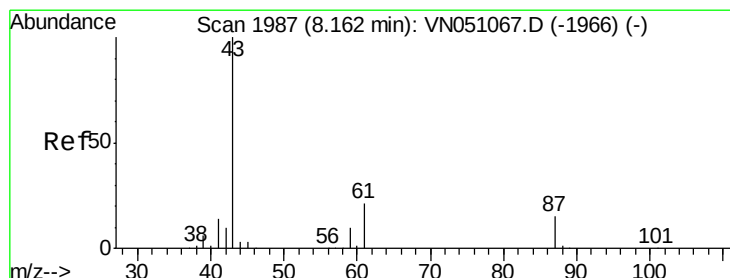
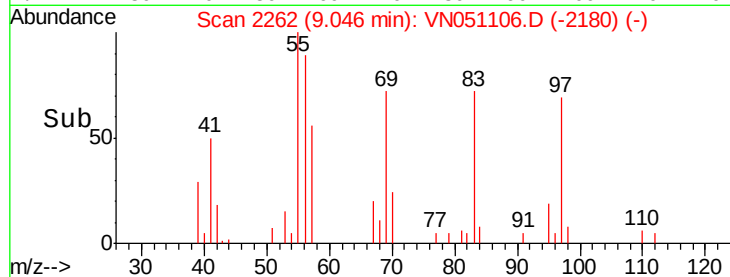
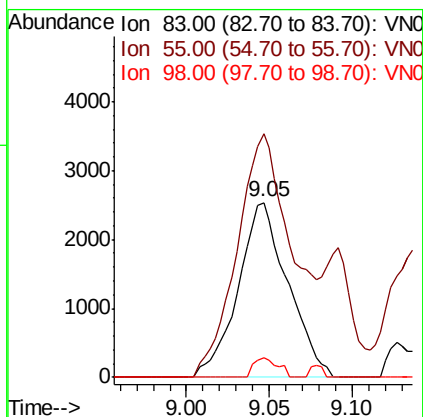
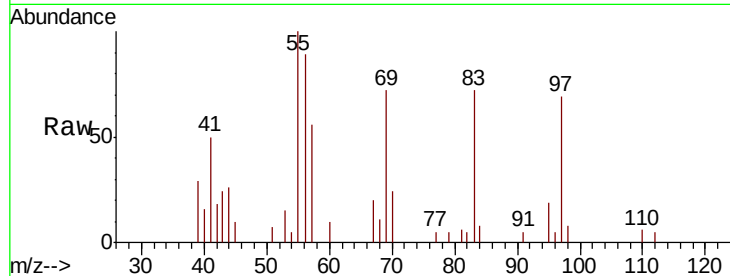




#39
Methylcyclohexane
Concen: 0.48 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.04 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

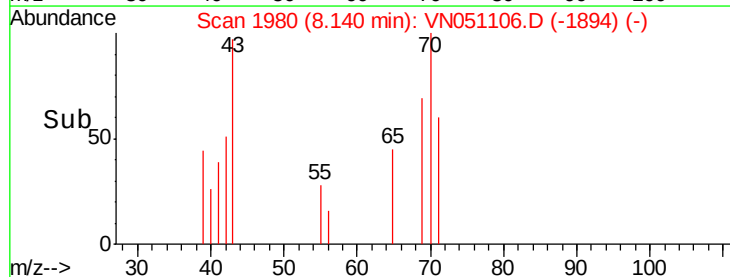
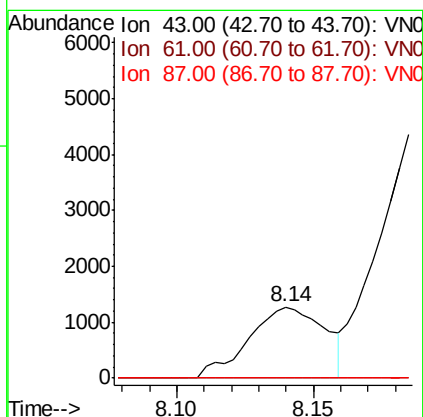
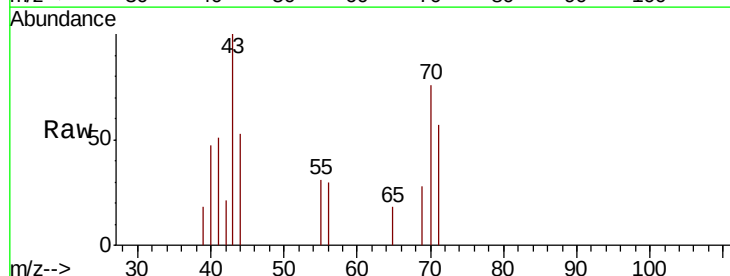
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F(7-10)ME

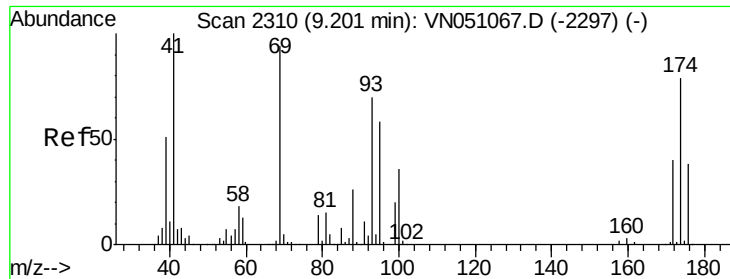
Tot Ion: 83 Resp: 5289
Ion Ratio Lower Upper
83 100
55 139.4 58.4 87.6#
98 11.5 37.3 55.9#



#43
Isopropyl Acetate
Concen: 0.24 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.02 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 11.8 17.8#

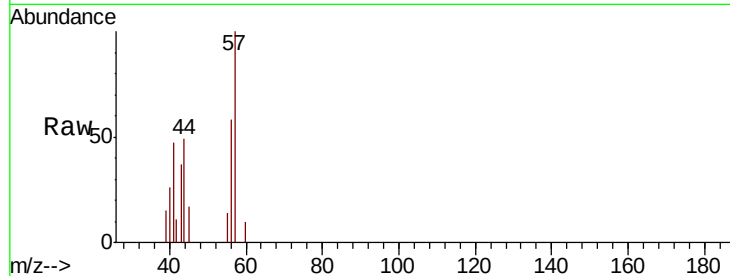




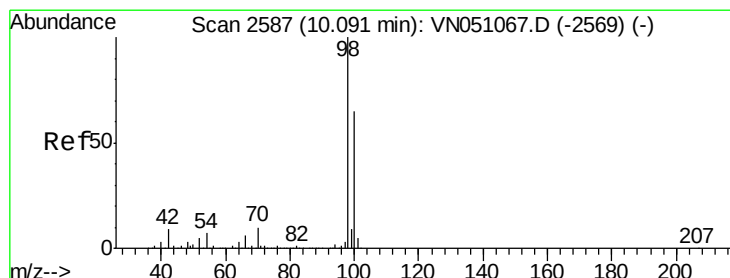
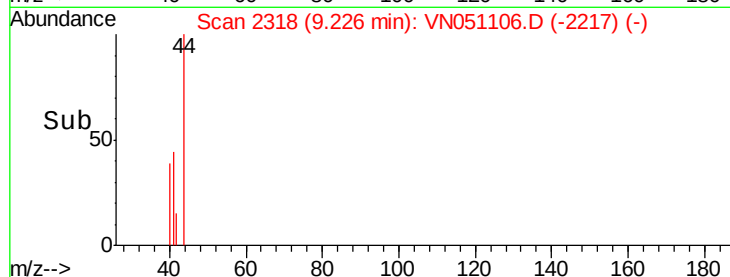
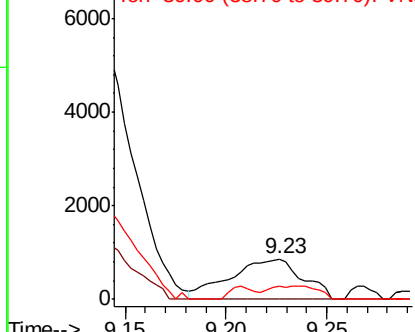
#48
Methvl methacrylate
Concen: 0.43 ug/l
RT: 9.23 min Scan# 2318
Delta R.T. 0.03 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F(7-10)ME

Tot Ion: 41 Resp: 2132
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 11.1 41.6 62.4#

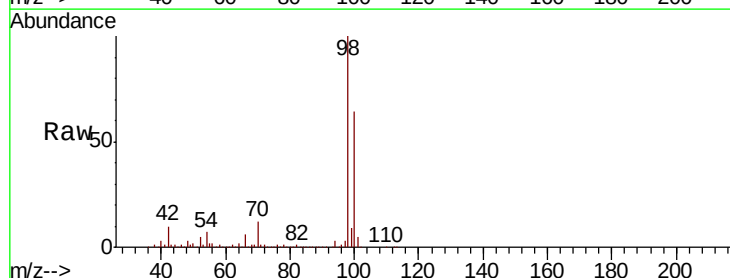


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

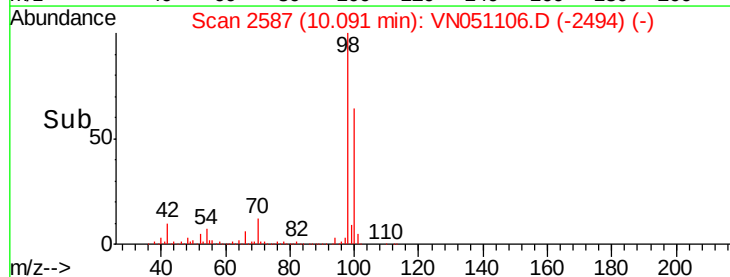
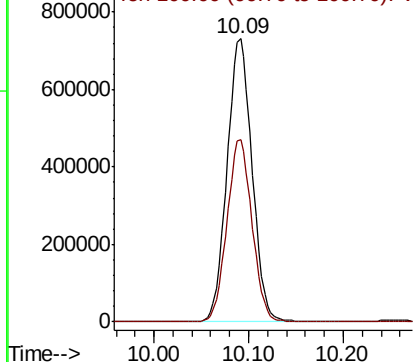


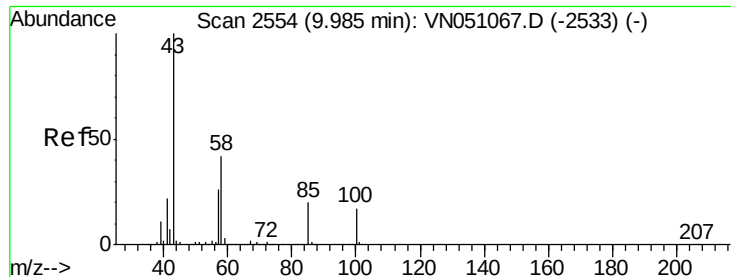
#50
Toluene-d8
Concen: 52.33 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion: 98 Resp: 1345998
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

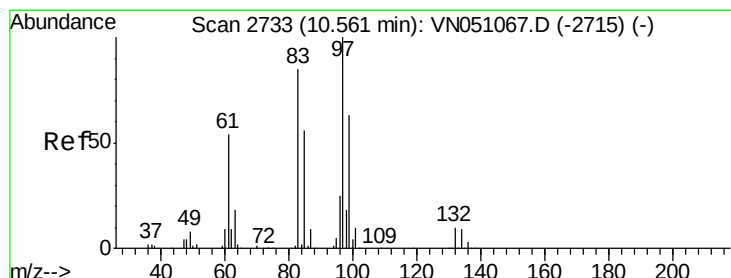
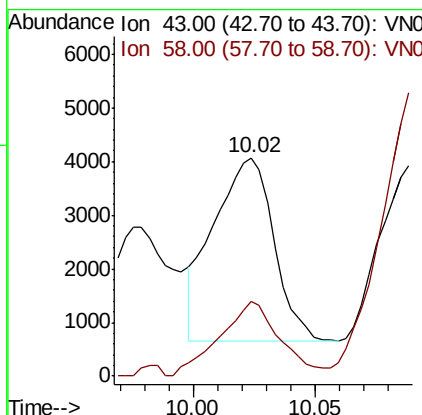
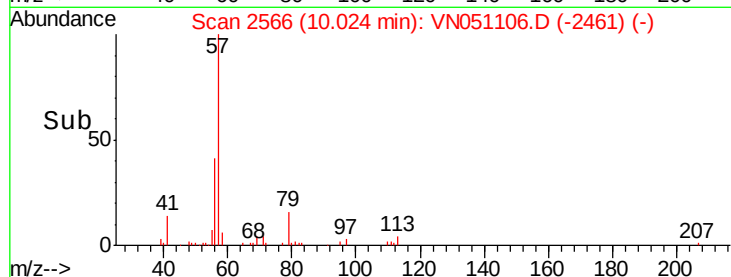
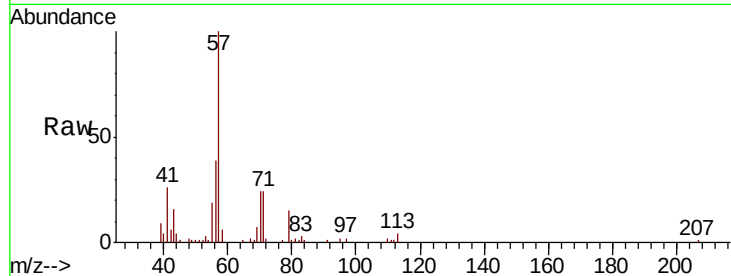




#51
 4-Methyl-2-Pentanone
 Concen: 1.04 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

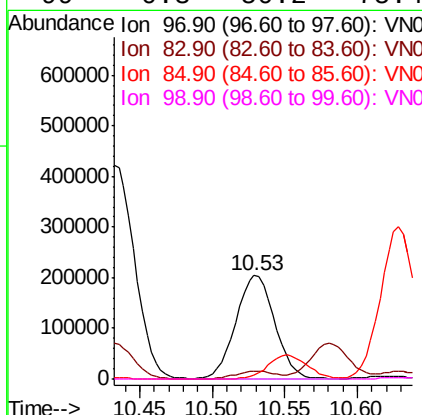
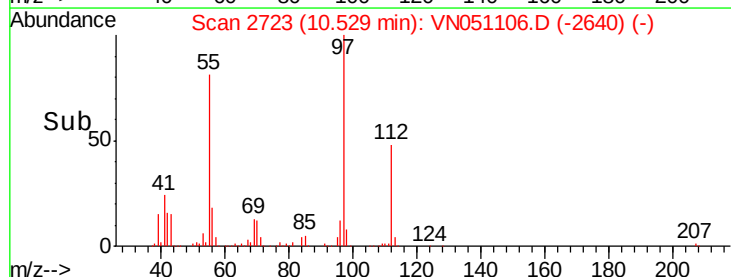
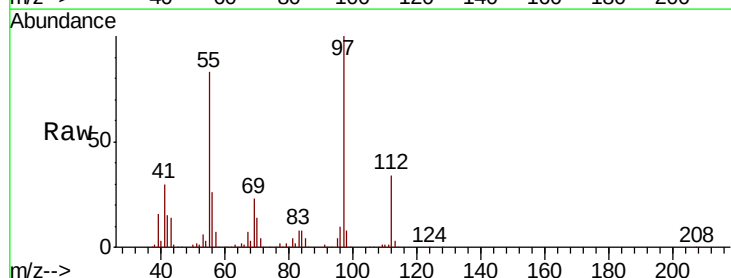
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

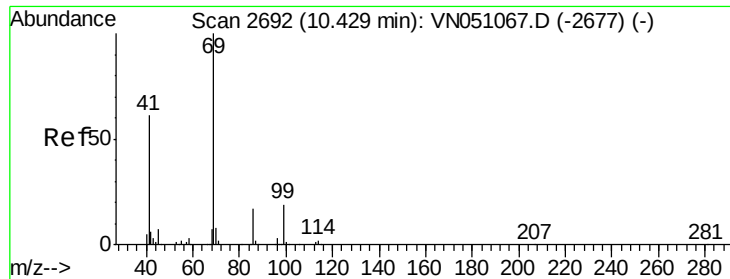
Tot Ion: 43 Resp: 5832
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.5 50.3



#55
 1,1,2-Trichloroethane
 Concen: 57.40 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Tgt Ion: 97 Resp: 379424
 Ion Ratio Lower Upper
 97 100
 83 7.6 68.2 102.2#
 85 3.7 44.8 67.2#
 99 0.3 50.2 75.4#





#56

Ethyl methacrylate

Concen: 23.96 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F(7-10)ME

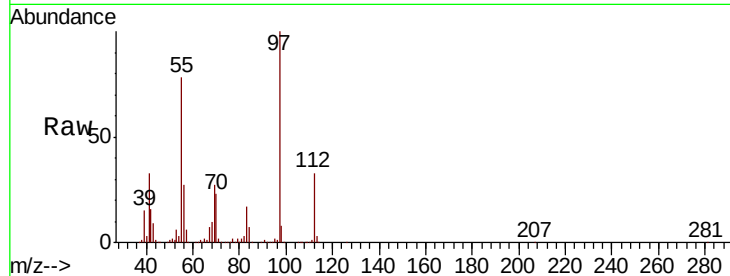
Tot Ion: 69 Resp: 200570

Ion Ratio Lower Upper

69 100

41 131.1 47.8 71.8#

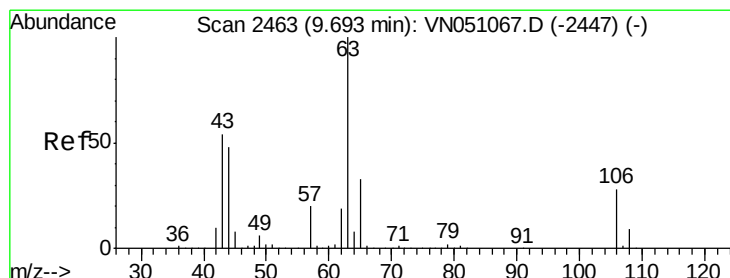
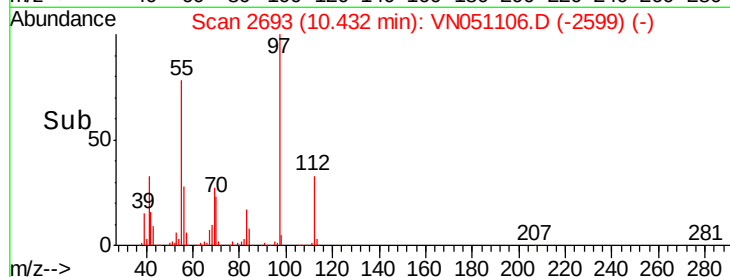
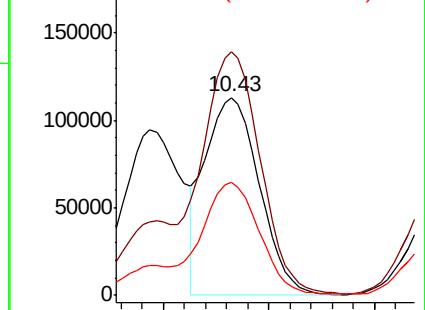
39 59.3 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051106.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN051106.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN051106.D (-2677) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 15.24 ug/l

RT: 9.65 min Scan# 2450

Delta R.T. -0.04 min

Lab File: VN051106.D

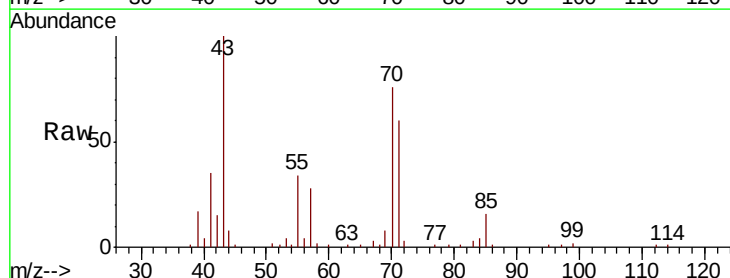
Acq: 11 Sep 2018 3:39

Tgt Ion: 63 Resp: 65

Ion Ratio Lower Upper

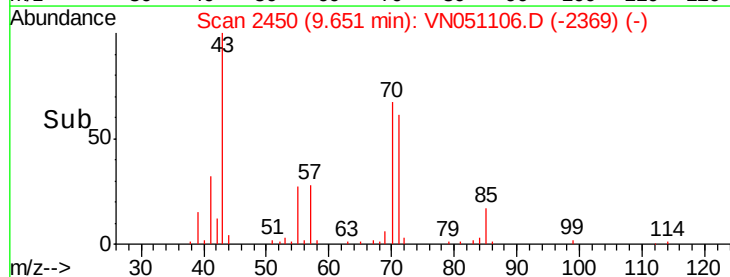
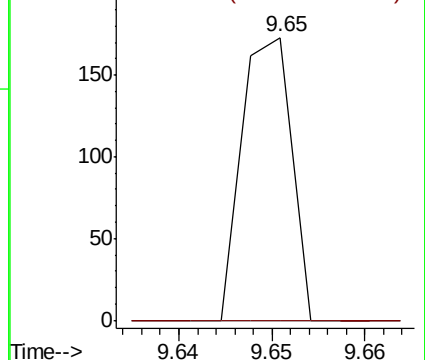
63 100

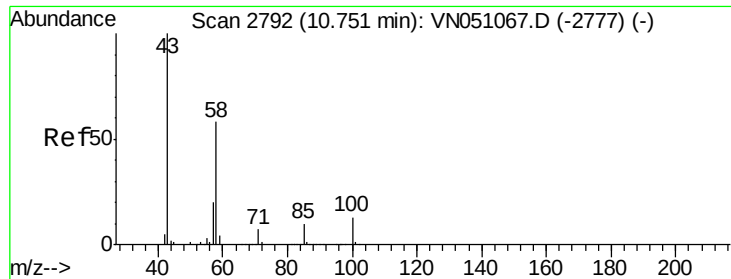
106 0.0 22.5 33.7#



Abundance Ion 62.90 (62.60 to 63.60): VN051106.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN051106.D (-2369) (-)

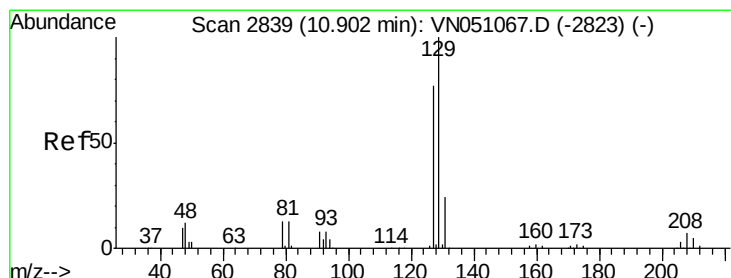
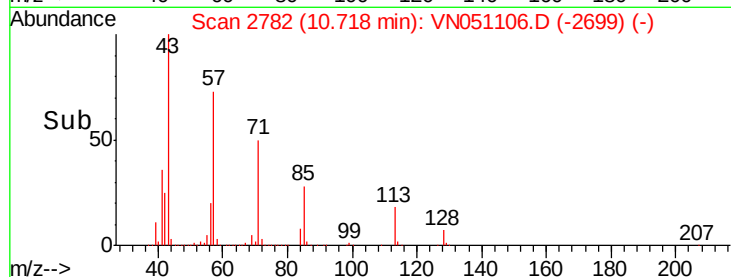
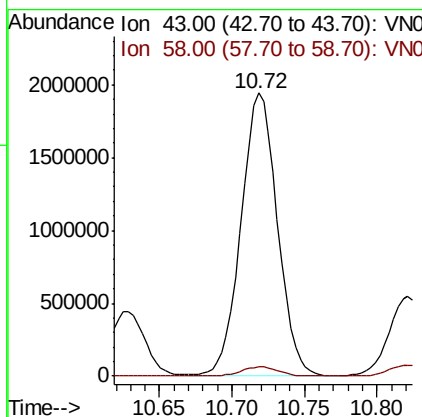
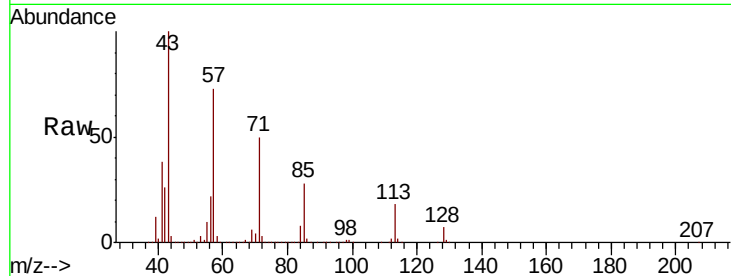




#59
2-Hexanone
Concen: 889.95 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

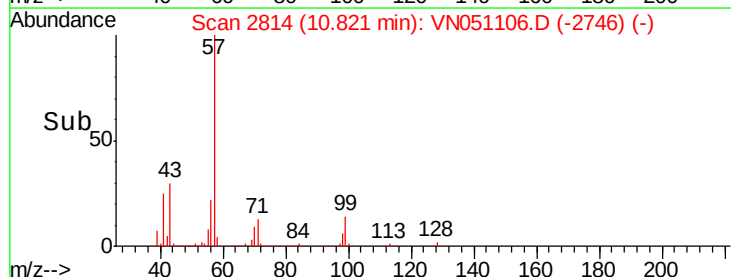
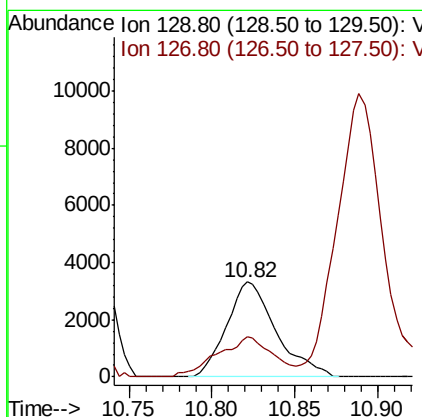
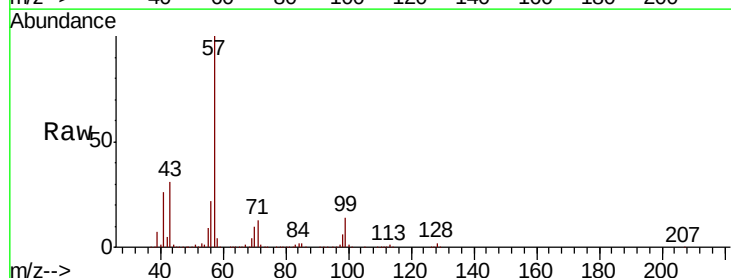
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F(7-10)ME

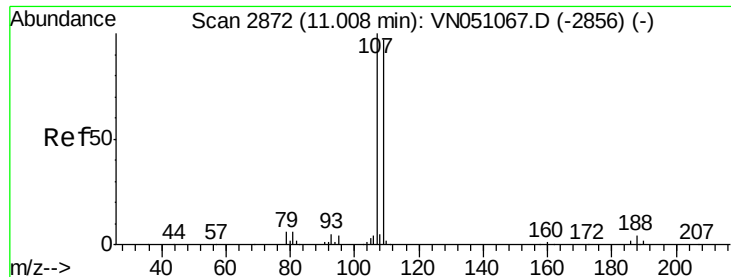
Tot Ion: 43 Resp: 3377793
Ion Ratio Lower Upper
43 100
58 3.4 29.3 88.0#



#60
Dibromochloromethane
Concen: 0.92 ug/l
RT: 10.82 min Scan# 2814
Delta R.T. -0.08 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion: 129 Resp: 6857
Ion Ratio Lower Upper
129 100
127 47.5 38.5 115.5

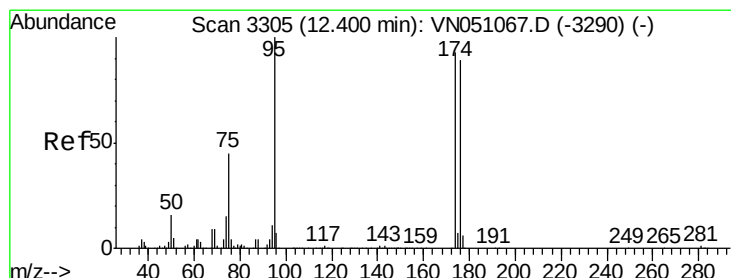
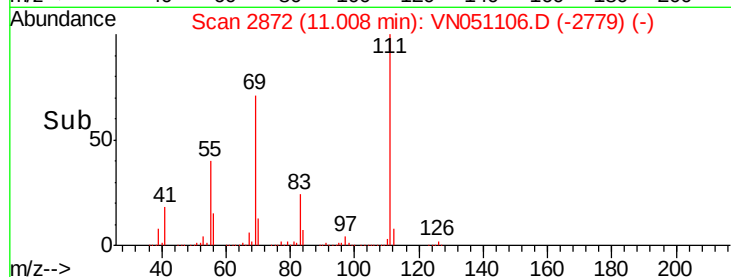
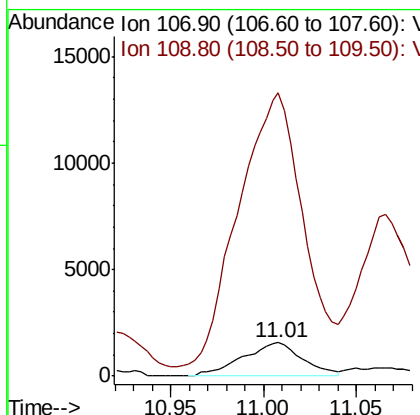
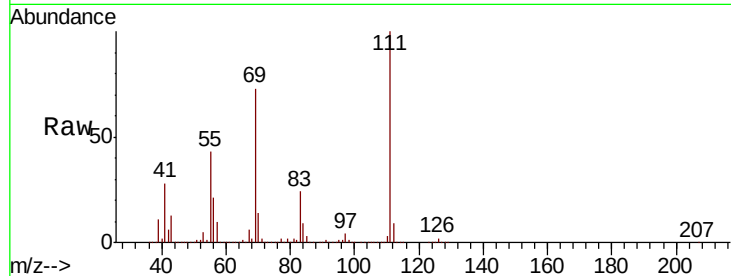




#61
 1,2-Dibromoethane
 Concen: 0.55 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

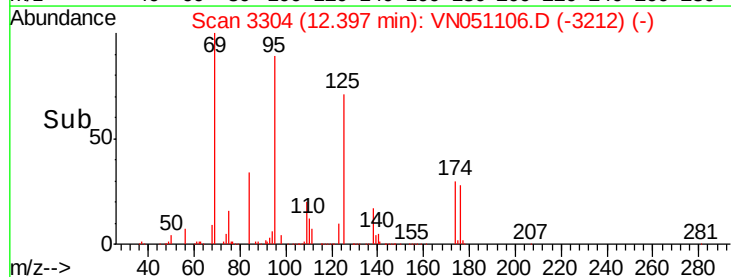
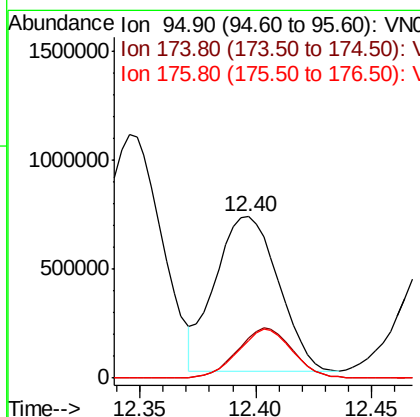
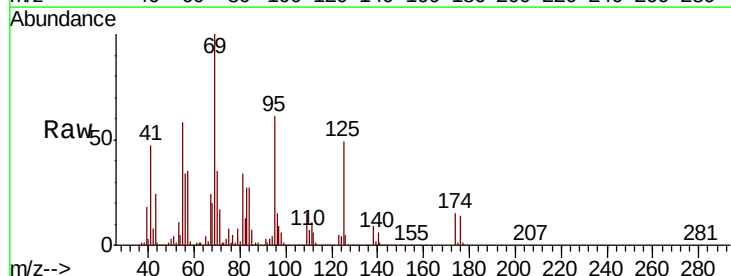
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

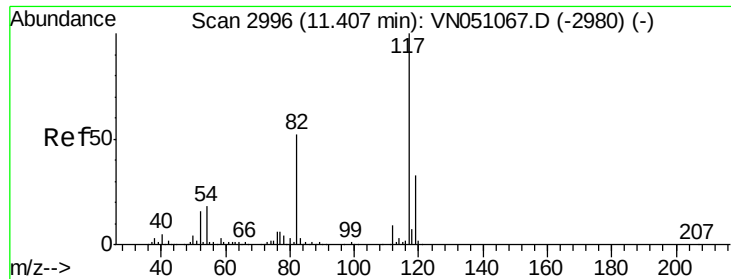
Tot Ion:107 Resp: 3571
 Ion Ratio Lower Upper
 107 100
 109 869.2 76.0 114.0#



#62
 4-Bromofluorobenzene
 Concen: 158.27 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Tgt Ion: 95 Resp: 1346553
 Ion Ratio Lower Upper
 95 100
 174 28.3 0.0 184.8
 176 27.4 0.0 178.6

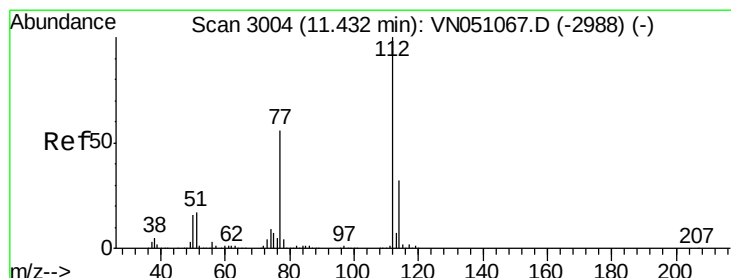
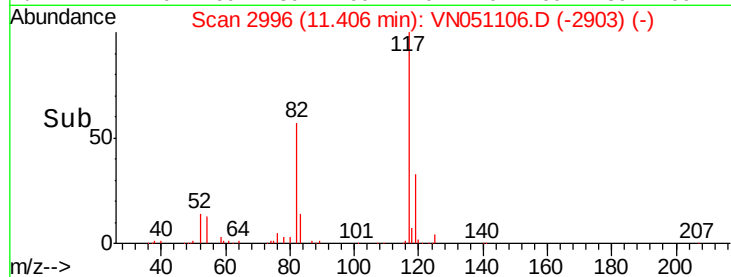
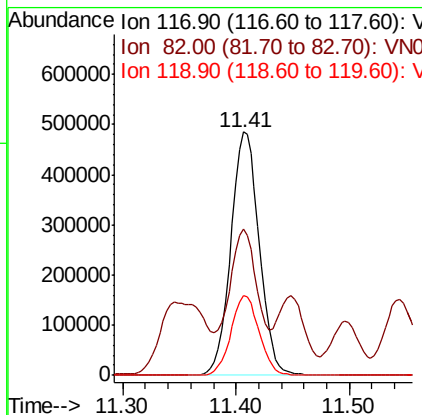
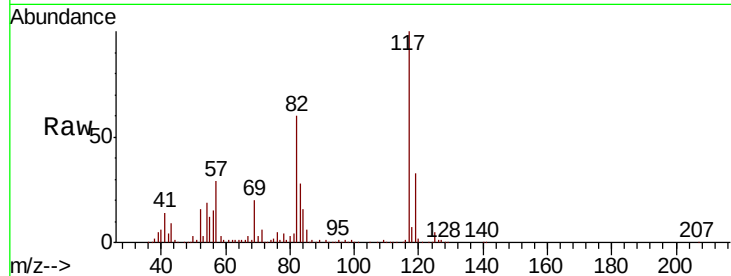




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

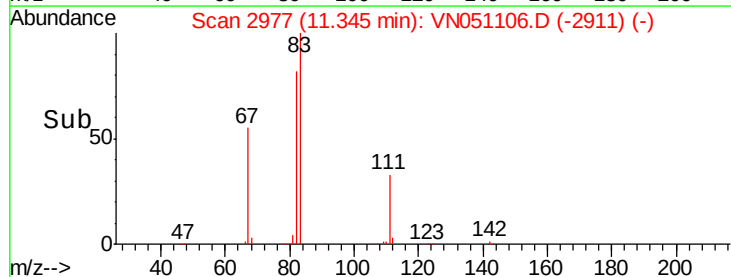
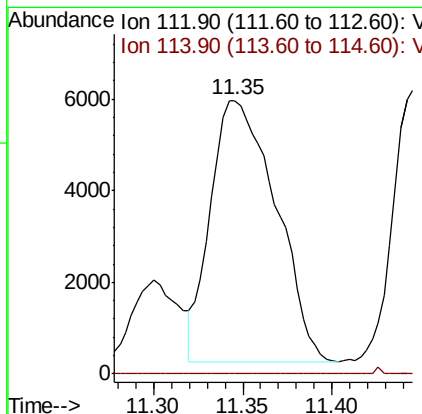
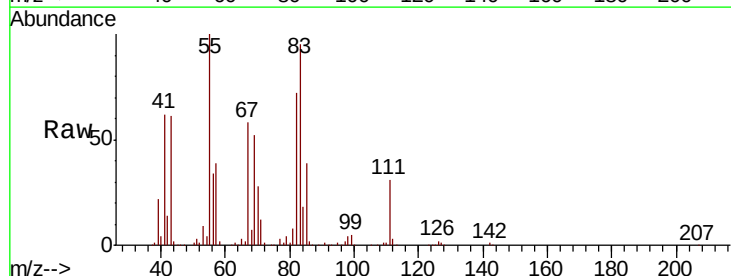
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F(7-10)ME

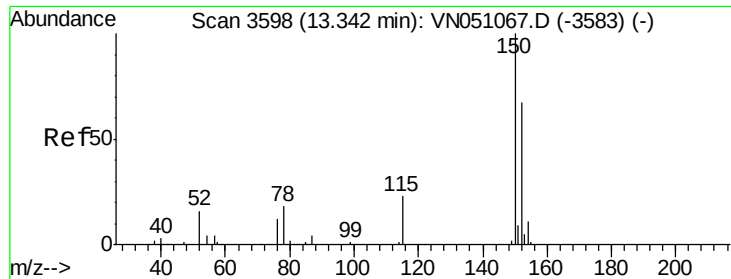
Tot Ion:117 Resp: 847061
Ion Ratio Lower Upper
117 100
82 40.6 41.8 62.6#
119 32.6 26.2 39.2



#65
Chlorobenzene
Concen: 0.68 ug/l
RT: 11.35 min Scan# 2977
Delta R.T. -0.09 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion:112 Resp: 14586
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F(7-10)ME

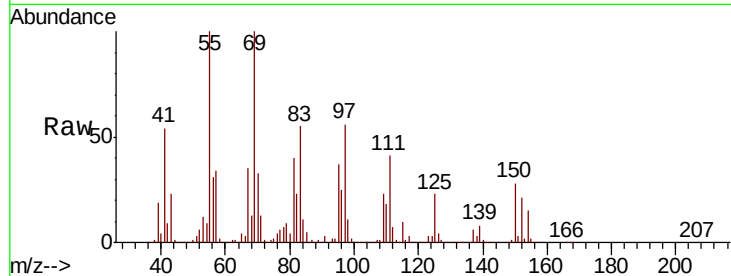
Tot Ion:152 Resp: 718466

Ion Ratio Lower Upper

152 100

115 28.6 28.2 84.7

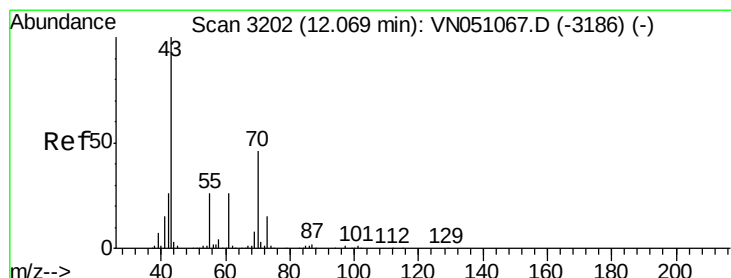
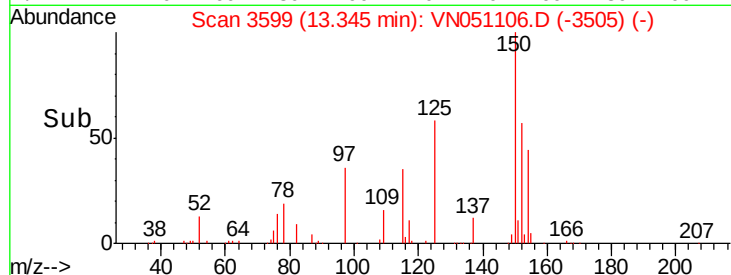
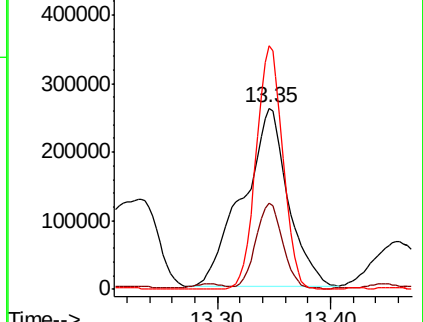
150 80.6 0.0 349.0



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



#74

N-amil acetate

Concen: 695.42 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Tgt Ion: 43 Resp:10544835

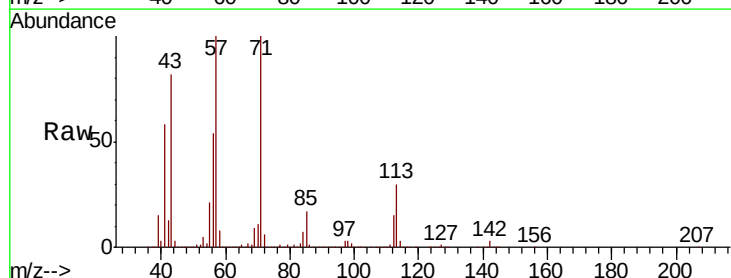
Ion Ratio Lower Upper

43 100

70 10.6 37.0 55.4#

55 12.1 21.3 31.9#

61 0.0 20.7 31.1#

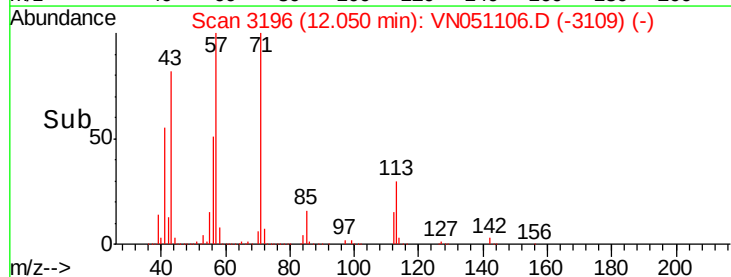
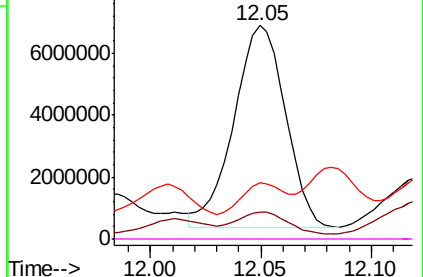


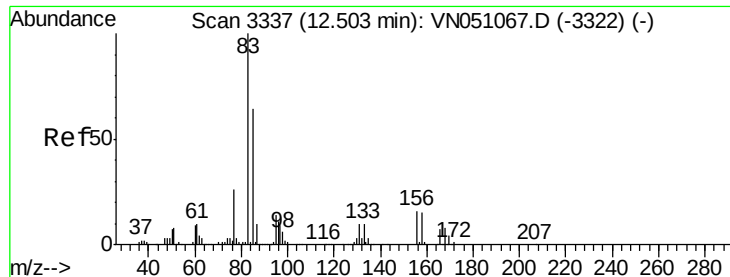
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 75.81 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.02 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F(7-10)ME

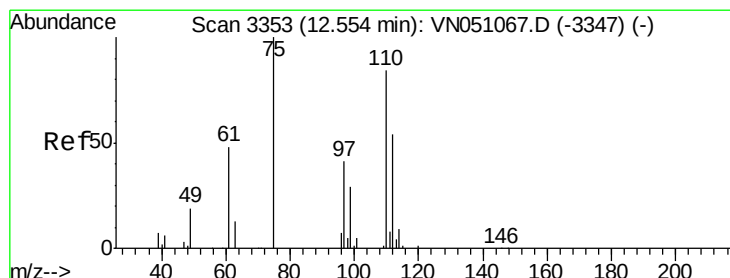
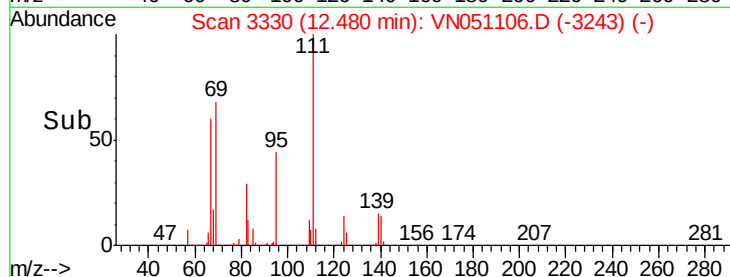
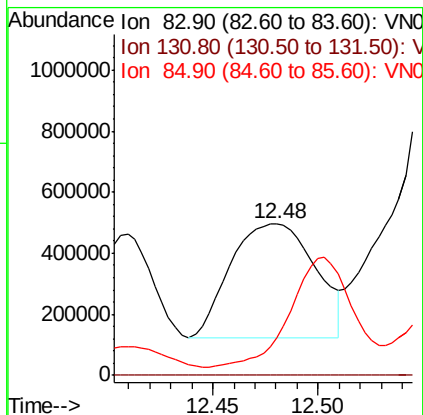
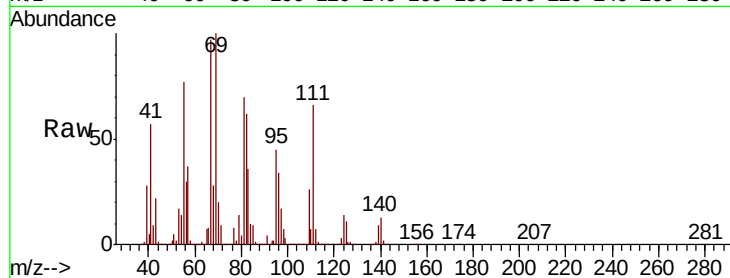
Tot Ion: 83 Resp: 1036616

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: Below Cal

RT: 12.57 min Scan# 3357

Delta R.T. 0.01 min

Lab File: VN051106.D

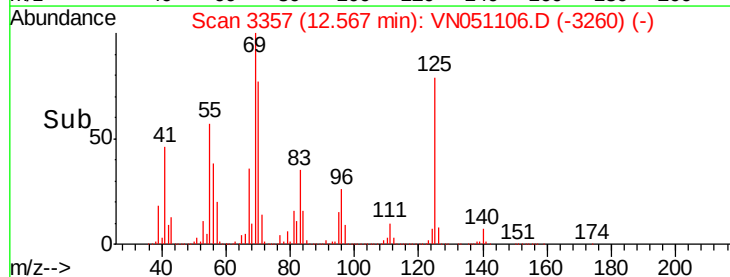
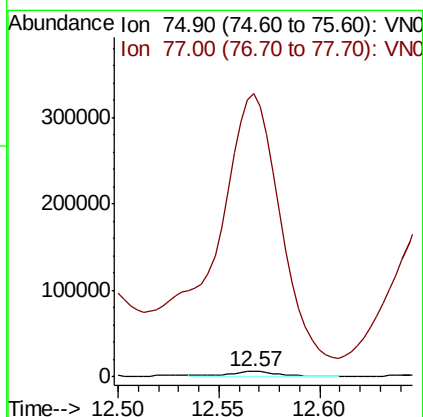
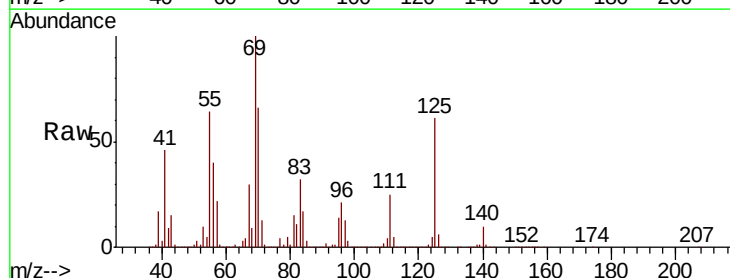
Acq: 11 Sep 2018 3:39

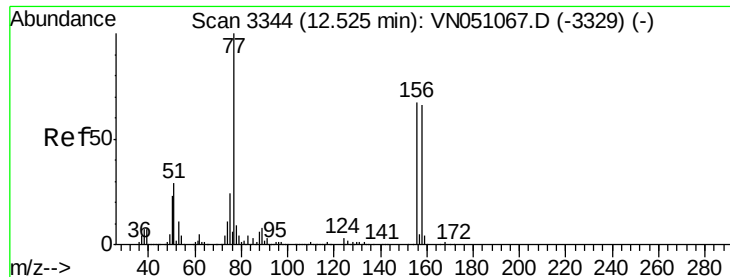
Tgt Ion: 75 Resp: 10240

Ion Ratio Lower Upper

75 100

77 5704.7 0.0 0.0#





#77

Bromobenzene

Concen: 0.84 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.02 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F(7-10)ME

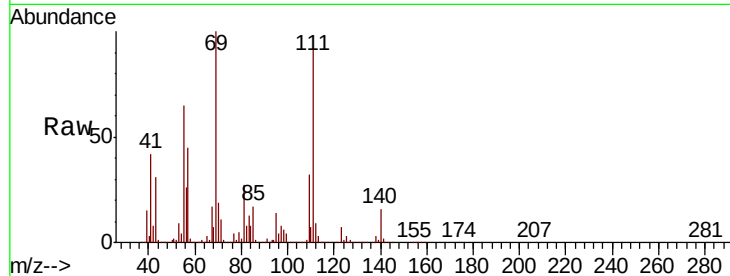
Tot Ion:156 Resp: 13590

Ion Ratio Lower Upper

156 100

77 0.0 87.5 262.6#

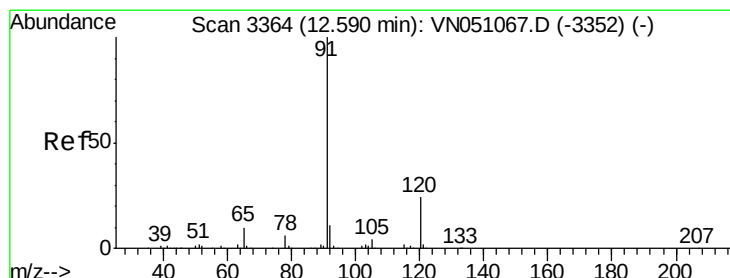
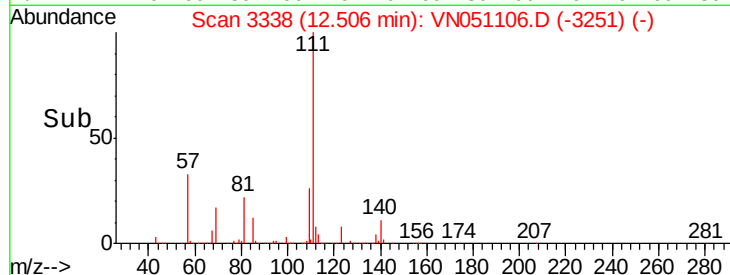
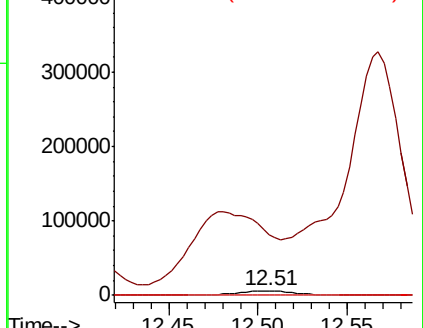
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.42 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.02 min

Lab File: VN051106.D

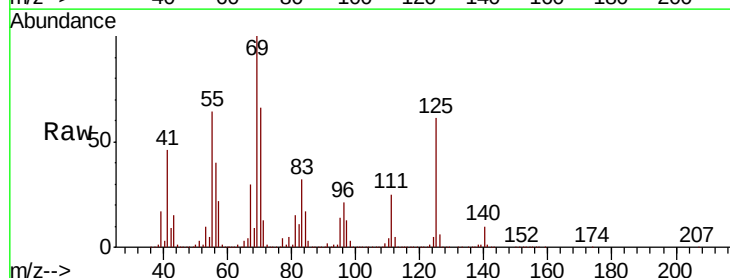
Acq: 11 Sep 2018 3:39

Tgt Ion: 91 Resp: 359147

Ion Ratio Lower Upper

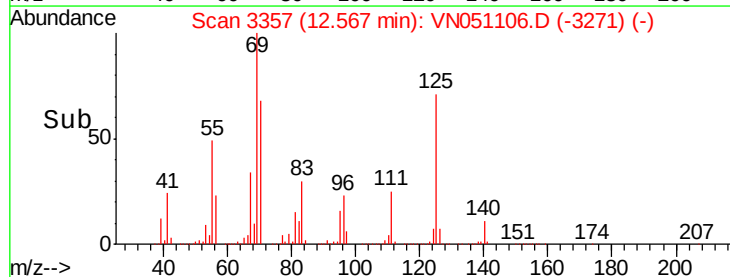
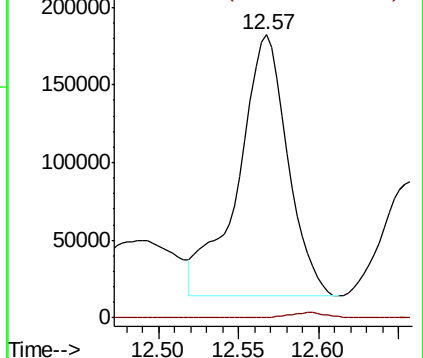
91 100

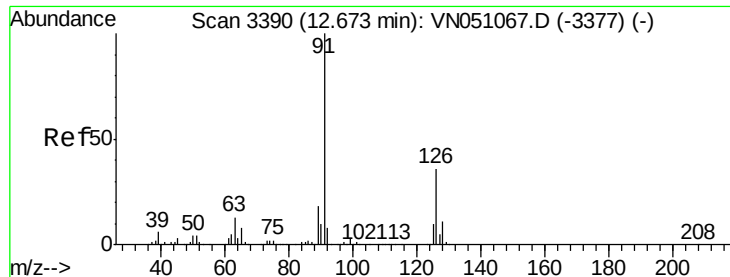
120 0.0 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.50 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

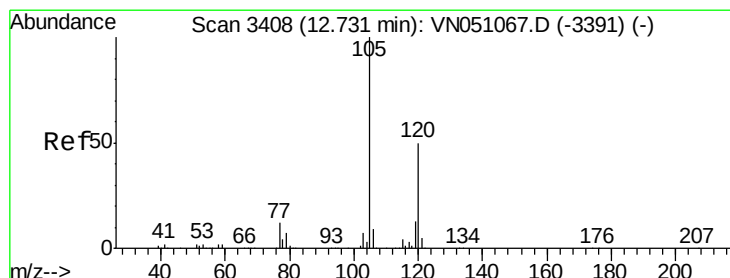
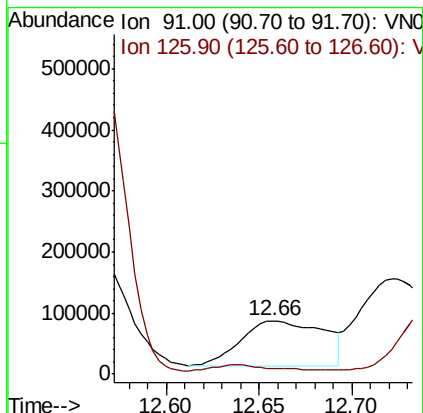
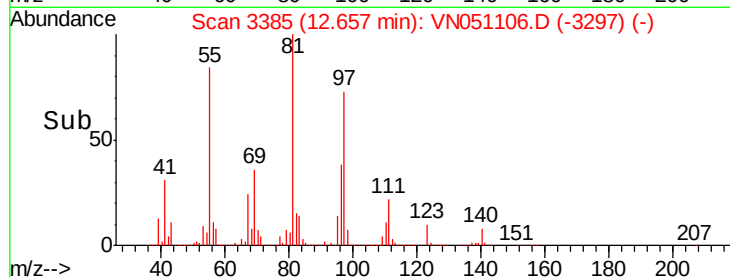
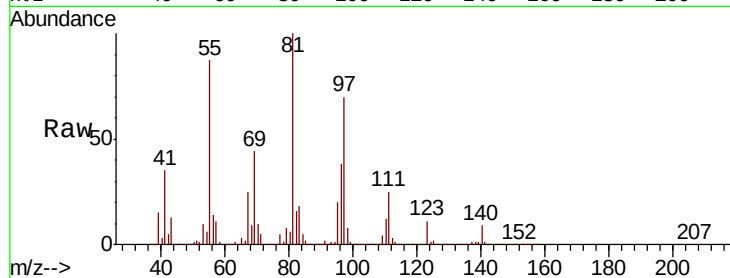
EP1-MW-F(7-10)ME

Tot Ion: 91 Resp: 227561

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.39 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN051106.D

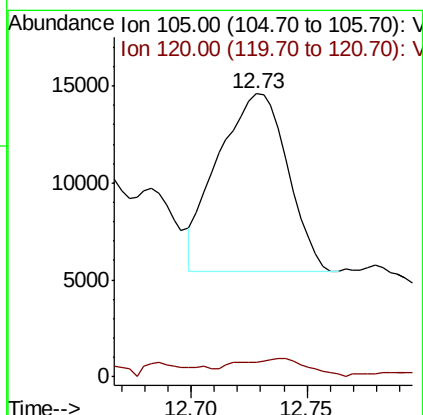
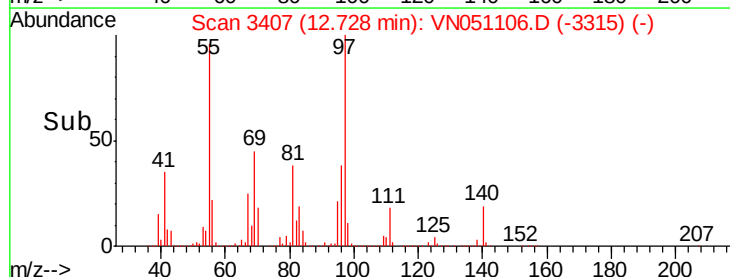
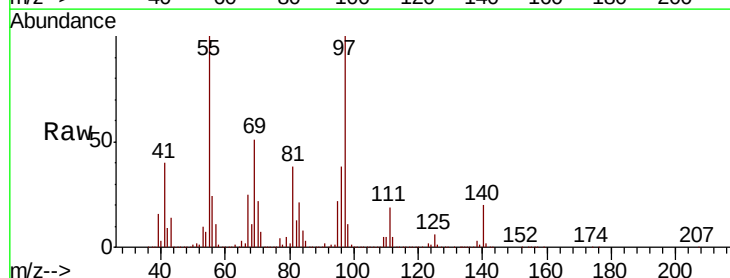
Acq: 11 Sep 2018 3:39

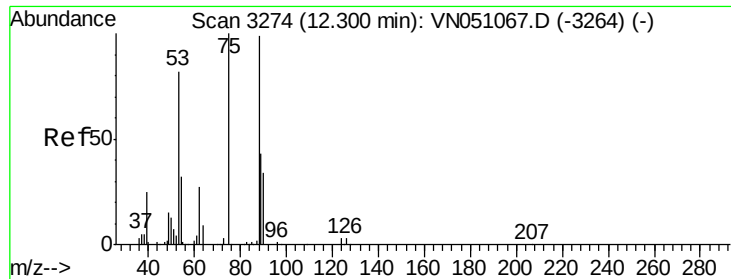
Tgt Ion: 105 Resp: 18967

Ion Ratio Lower Upper

105 100

120 10.4 24.9 74.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 50.53 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051106.D

Acq: 11 Sep 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F(7-10)ME

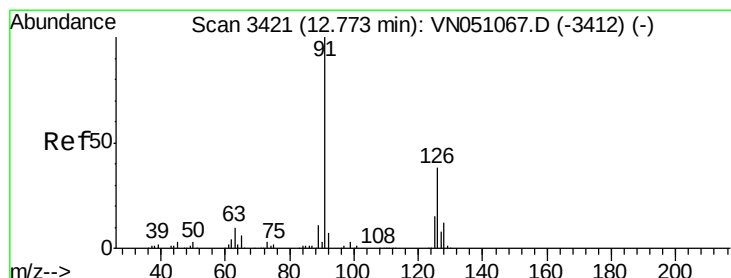
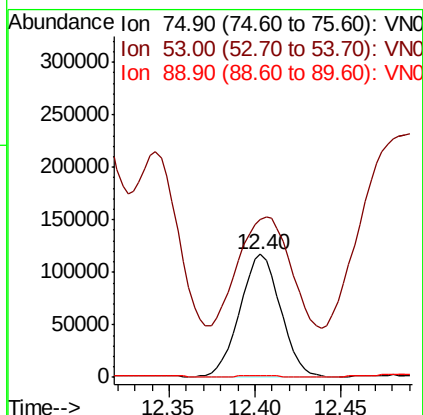
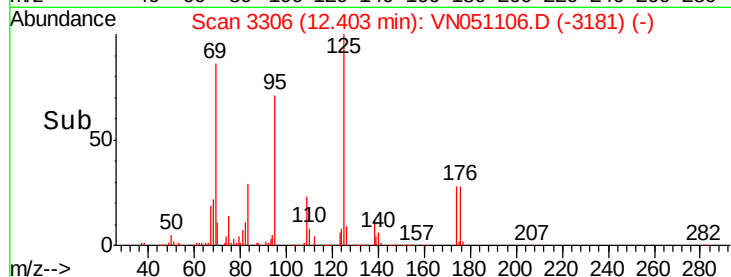
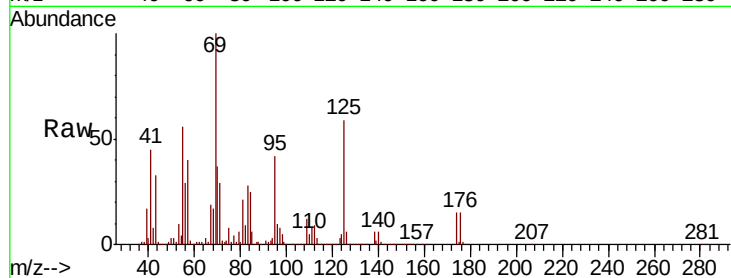
Tot Ion: 75 Resp: 191172

Ion Ratio Lower Upper

75 100

53 113.7 67.8 101.8#

89 1.1 36.0 54.0#



#82

4-Chlorotoluene

Concen: 1.90 ug/l

RT: 12.79 min Scan# 3425

Delta R.T. 0.01 min

Lab File: VN051106.D

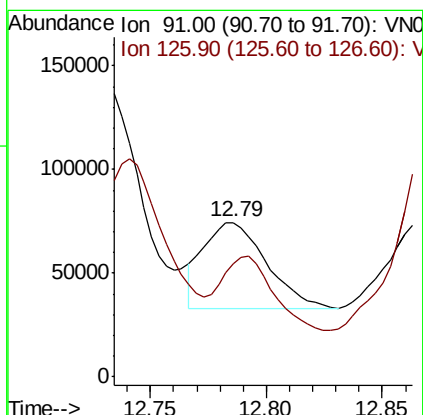
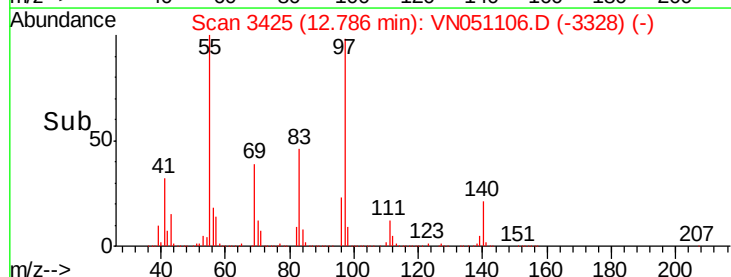
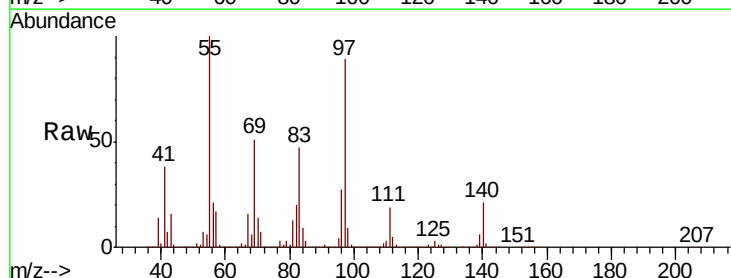
Acq: 11 Sep 2018 3:39

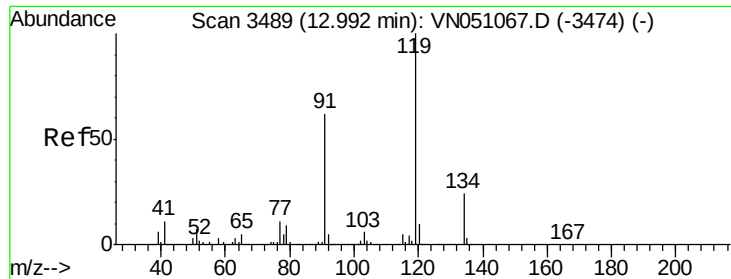
Tgt Ion: 91 Resp: 78015

Ion Ratio Lower Upper

91 100

126 114.2 17.6 52.8#

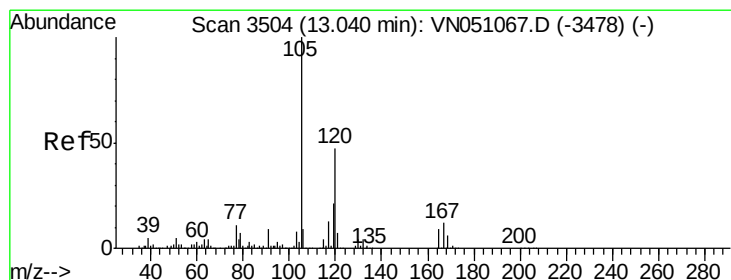
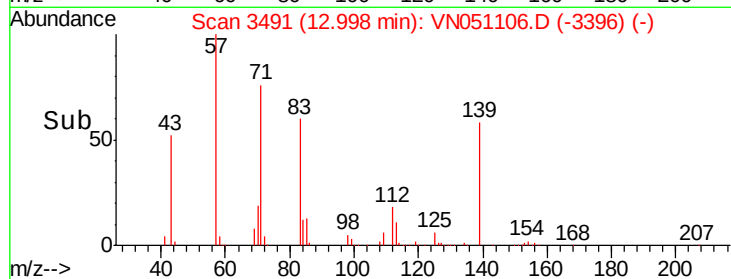
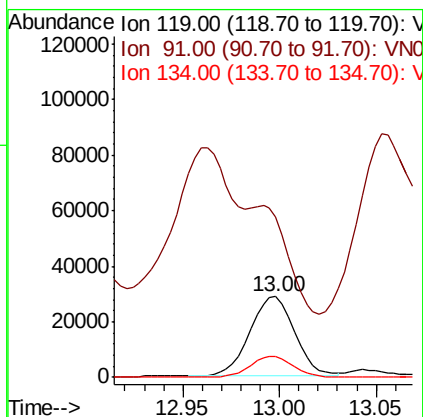
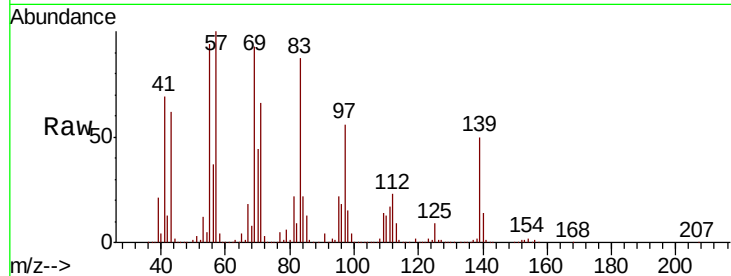




#83
 tert-Butylbenzene
 Concen: 1.08 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.01 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

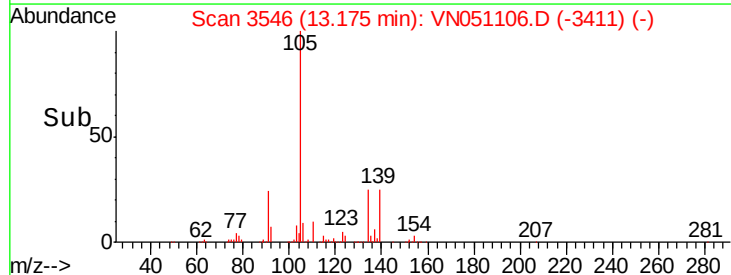
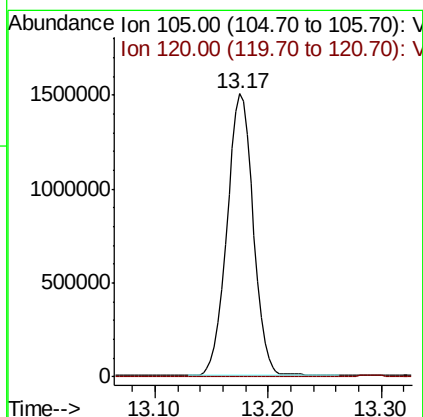
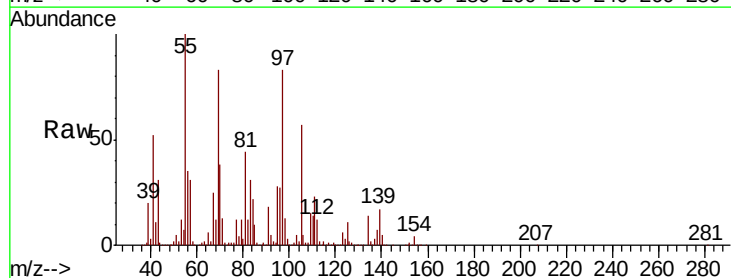
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

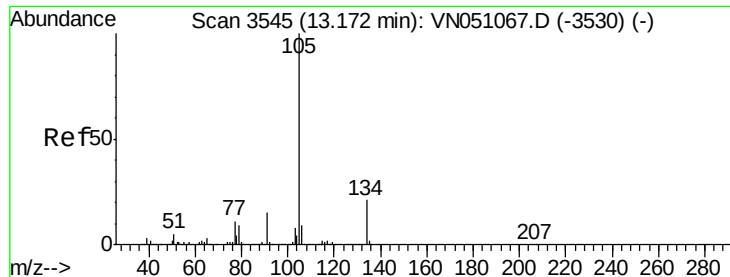
Tot Ion:119 Resp: 46439
 Ion Ratio Lower Upper
 119 100
 91 0.0 30.8 92.3#
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 50.67 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.13 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Tgt Ion:105 Resp: 2426761
 Ion Ratio Lower Upper
 105 100
 120 0.3 23.3 69.8#

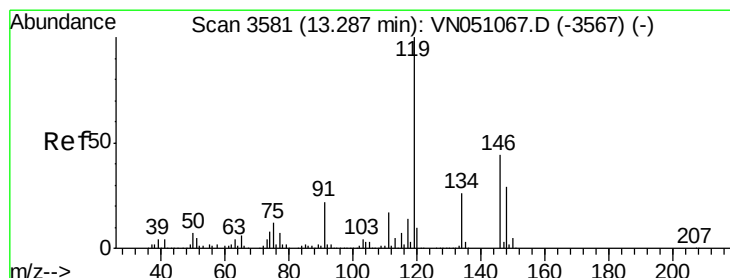
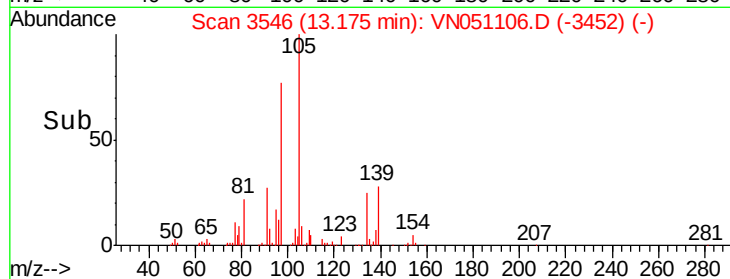
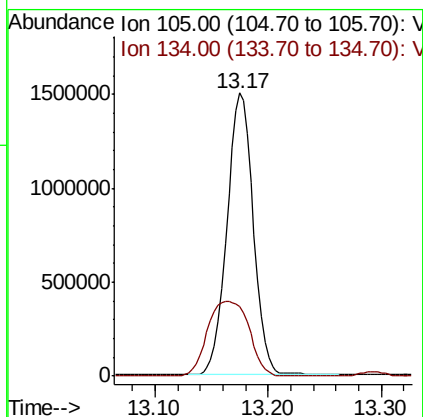
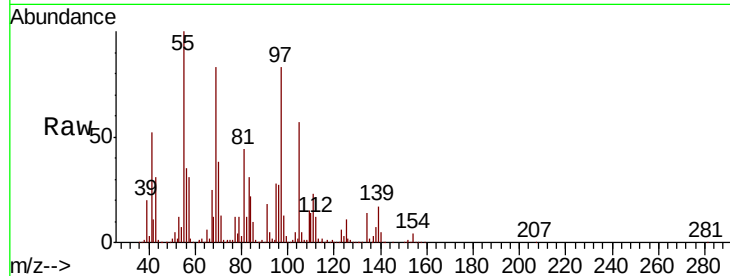




#85
 sec-Butylbenzene
 Concen: 44.00 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

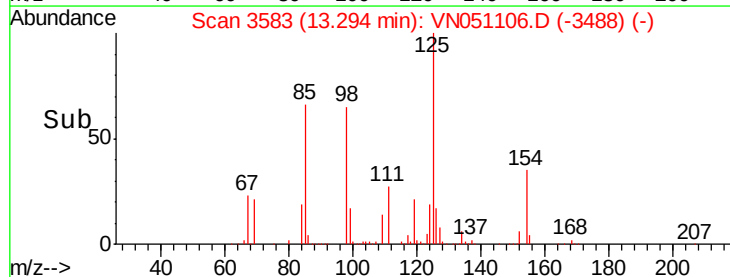
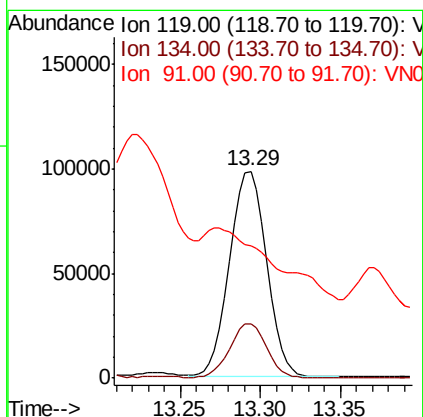
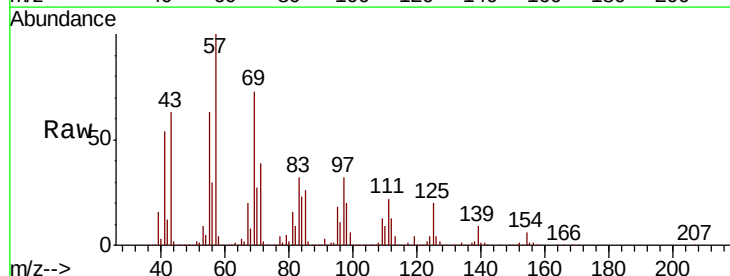
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

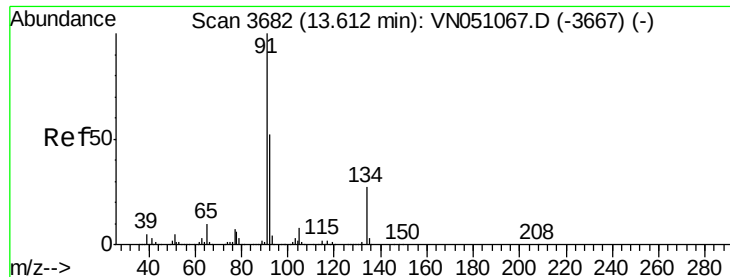
Tot Ion:105 Resp: 2426761
 Ion Ratio Lower Upper
 105 100
 134 41.9 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 3.32 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.01 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Tgt Ion:119 Resp: 155346
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 0.0 10.9 32.9#

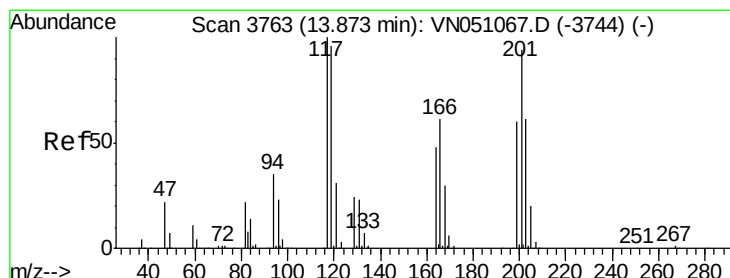
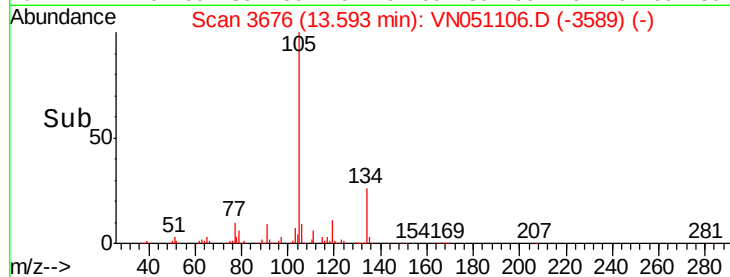
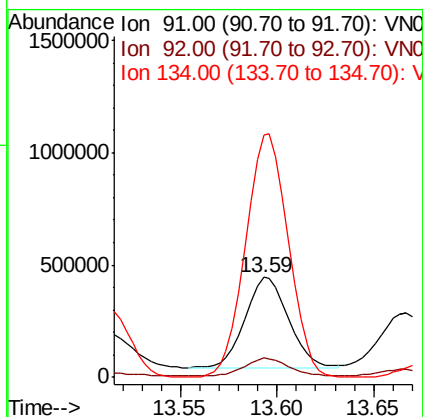
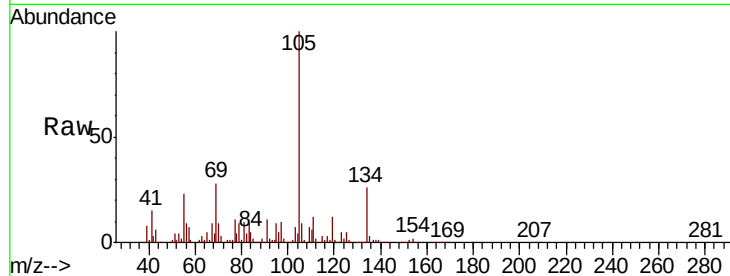




#89
n-Butylbenzene
Concen: 17.03 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. -0.02 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

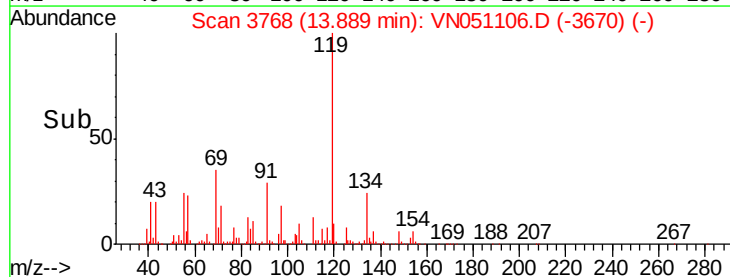
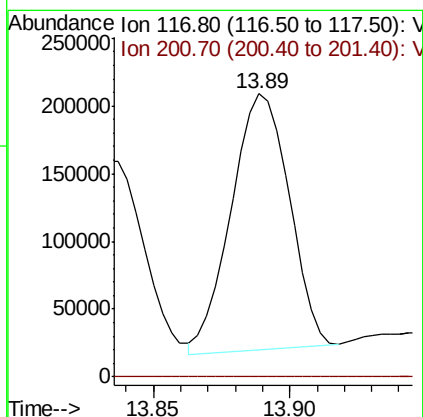
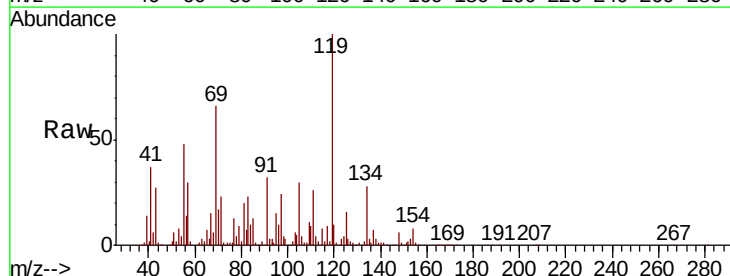
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F(7-10)ME

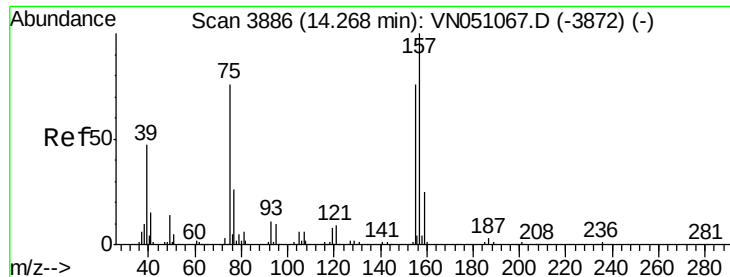
Tot Ion	Ratio	Lower	Upper
91	100		
92	20.0	26.2	78.6#
134	268.9	13.7	41.1#



#90
Hexachloroethane
Concen: 32.77 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	47.3	142.0#

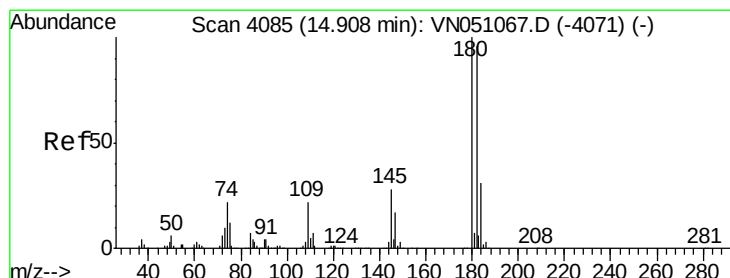
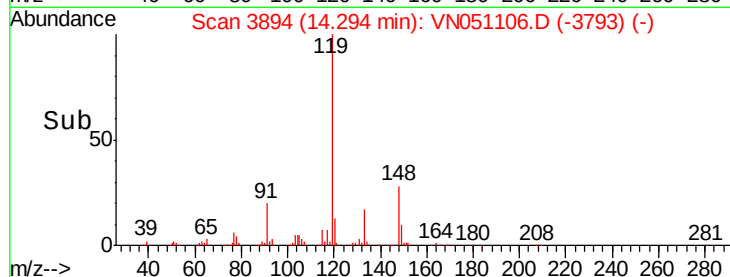
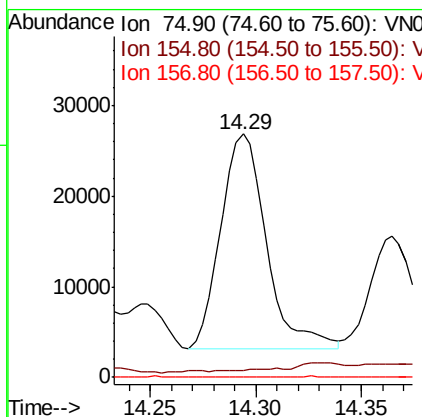
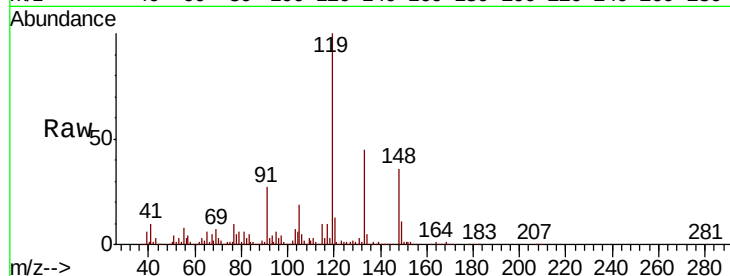




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.79 ug/l
 RT: 14.29 min Scan# 3894
 Delta R.T. 0.03 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

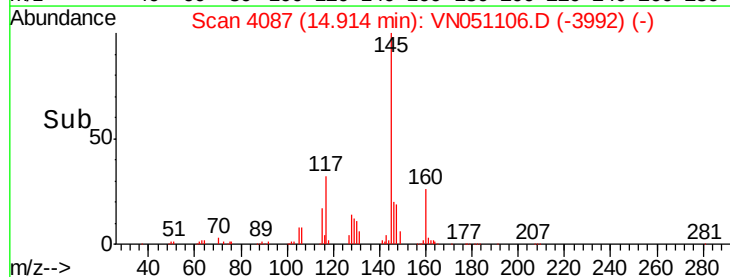
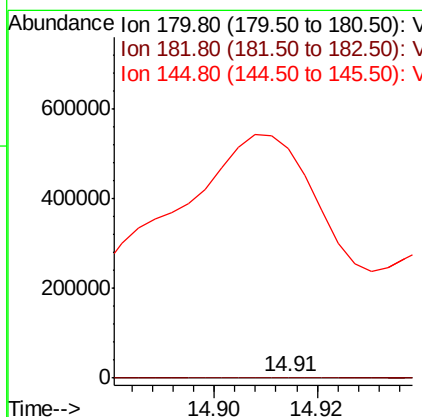
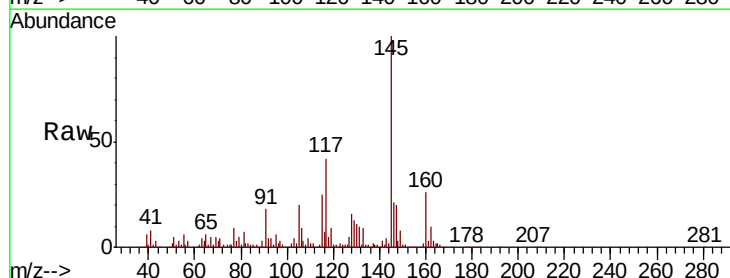
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F(7-10)ME

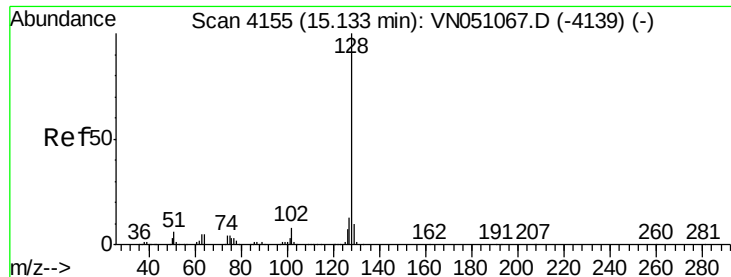
Tot Ion: 75 Resp: 35720
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 63.6 190.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.02 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN051106.D
 Acq: 11 Sep 2018 3:39

Tgt Ion: 180 Resp: 481
 Ion Ratio Lower Upper
 180 100
 182 379.0 47.3 141.8#
 145 238627.4 14.2 42.6#

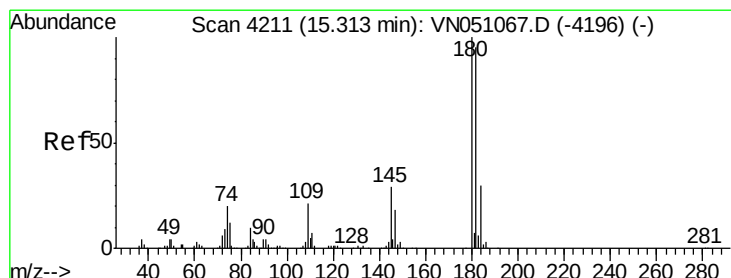
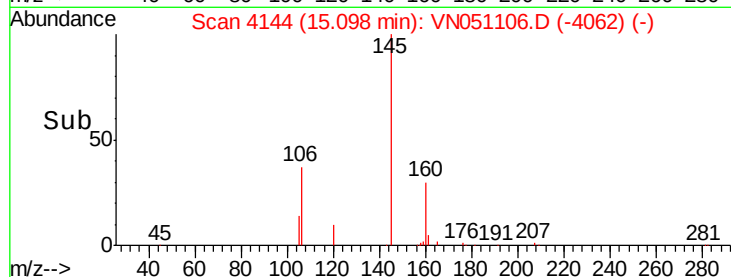
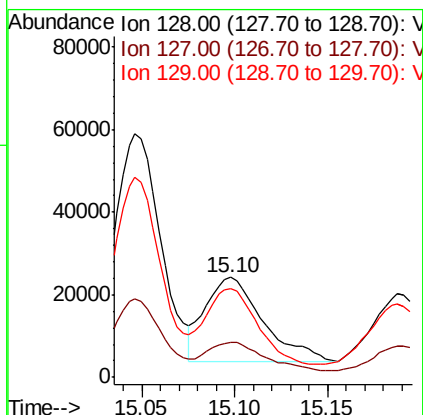
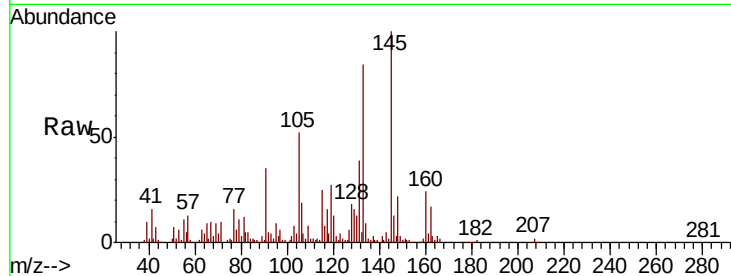




#95
Naphthalene
Concen: 6.78 ug/l
RT: 15.10 min Scan# 4144
Delta R.T. -0.04 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F(7-10)ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	33.9	10.6	15.8#
129	81.2	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.96 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051106.D
Acq: 11 Sep 2018 3:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	366.7	47.8	143.3#
145	0.0	14.6	43.8#

