

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050119.D
 Acq On : 27 Jul 2018 7:22
 Operator : MD\SY
 Sample : J4184-02 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

Quant Time: Jul 27 07:58:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	825560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1256841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1117208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	538116	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	511129	44.37	ug/l	0.00
Spiked Amount			Recovery	=	88.74%	
35) Dibromofluoromethane	7.59	113	465968	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
50) Toluene-d8	10.09	98	1736366	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.40	95	575531	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	84	Below Cal	#	1
11) Tert butyl alcohol	4.74	59	777	0.92	ug/l	72
16) Acetone	3.83	43	7549	Below Cal		91
18) Methyl Acetate	4.33	43	13251	Below Cal		99
20) Methylene Chloride	4.54	84	1092	Below Cal	#	69
25) 2-Butanone	6.84	43	1475	0.34	ug/l	48
29) Tetrahydrofuran	7.22	42	616	0.22	ug/l	32
31) Cyclohexane	7.66	56	16013	0.94	ug/l	1
36) 1,1-Dichloropropene	7.67	75	54423	3.84	ug/l	48
38) Carbon Tetrachloride	7.67	117	72582	4.83	ug/l	16
39) Methylcyclohexane	9.08	83	5982	0.41	ug/l	97
40) Benzene	8.05	78	763945	17.73	ug/l	99
41) Methacrylonitrile	7.21	41	64	2.76	ug/l	10
42) 1,2-Dichloroethane	8.04	62	6937	0.48	ug/l	86
43) Isopropyl Acetate	8.30	43	205015	10.11	ug/l	61
52) Toluene	10.16	92	861809	33.88	ug/l	100
53) t-1,3-Dichloropropene	10.16	75	9401	0.67	ug/l	1
56) Ethyl methacrylate	10.42	69	30	2.03	ug/l	1
59) 2-Hexanone	10.74	43	145	5.19	ug/l	24
67) Ethyl Benzene	11.51	91	1538073	33.93	ug/l	100
68) m/p-Xylenes	11.62	106	764630	44.59	ug/l	99
69) o-Xylene	11.95	106	251613	15.39	ug/l	99
70) Styrene	11.97	104	117391	4.89	ug/l	75
73) Isopropylbenzene	12.25	105	58294	1.40	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	546	Below Cal	#	65
76) 1,2,3-Trichloropropane	12.40	75	275897	27.59	ug/l	100
77) Bromobenzene	12.57	156	437769	37.85	ug/l	1
78) n-propylbenzene	12.59	91	43058	0.92	ug/l	95
79) 2-Chlorotoluene	12.66	91	56890	1.97	ug/l	41
80) 1,3,5-Trimethylbenzene	12.73	105	127789	3.89	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	275897	87.51	ug/l	13
83) tert-Butylbenzene	13.04	119	37189	1.30	ug/l	60
84) 1,2,4-Trimethylbenzene	13.04	105	290254	8.77	ug/l	100
85) sec-Butylbenzene	13.04	105	290254	7.58	ug/l	56

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050119.D
Acq On : 27 Jul 2018 7:22
Operator : MD\SY
Sample : J4184-02 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

Quant Time: Jul 27 07:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

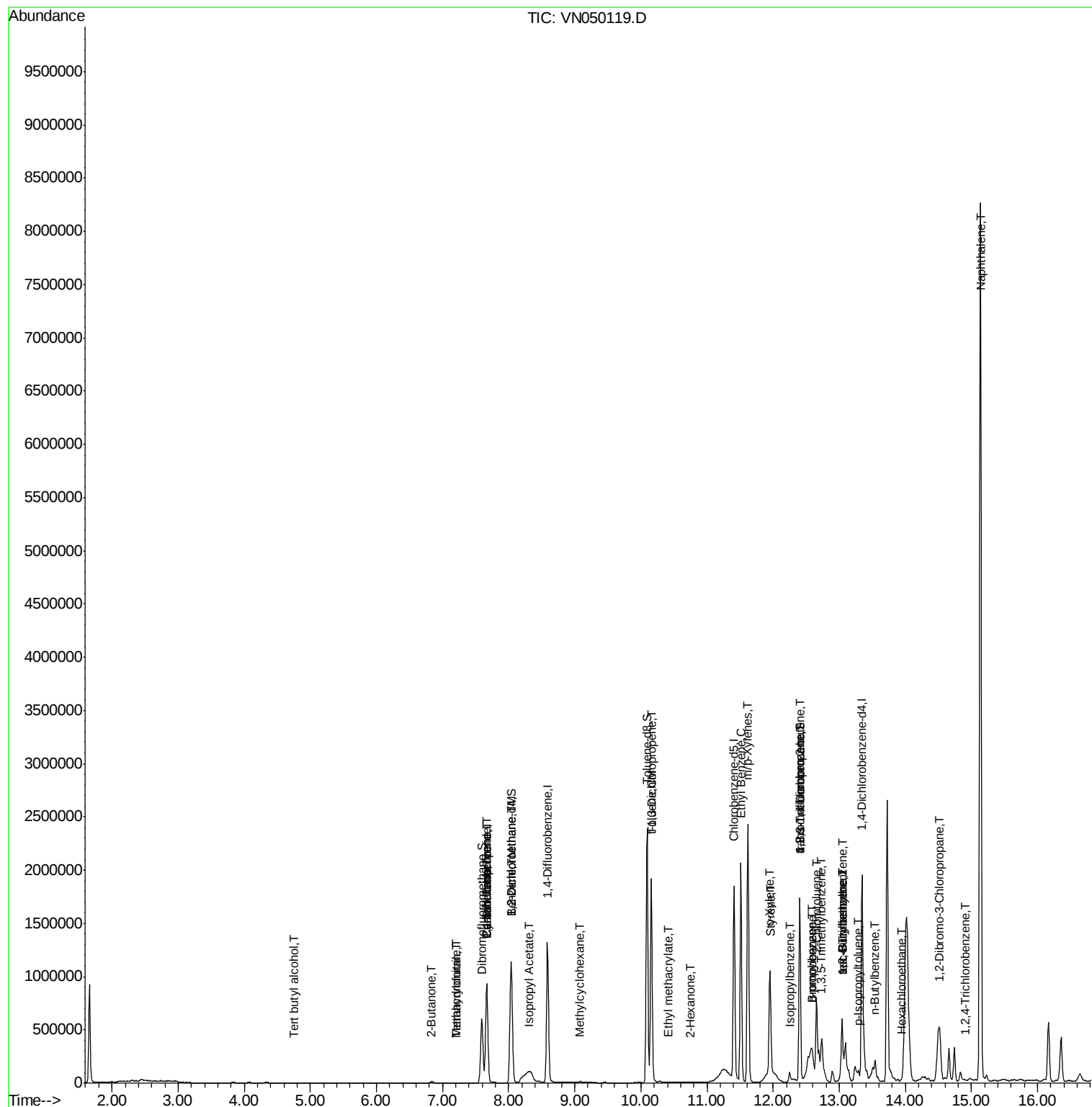
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	39906	1.24	ug/l	99
89) n-Butylbenzene	13.54	91	24291	0.92	ug/l #	46
90) Hexachloroethane	13.93	117	7378	1.03	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	33774	17.64	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.91	180	185	3.10	ug/l #	1
95) Naphthalene	15.14	128	7189818	271.14	ug/l	100

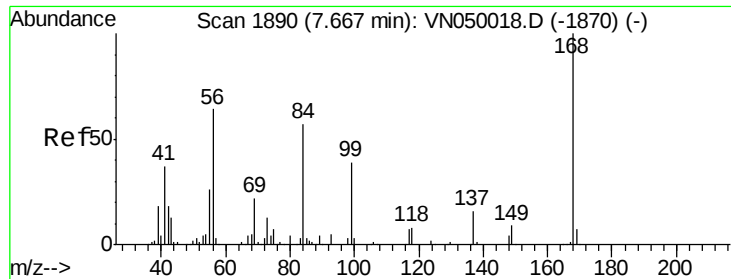
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050119.D
Acq On : 27 Jul 2018 7:22
Operator : MD\SY
Sample : J4184-02 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

Quant Time: Jul 27 07:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampled :

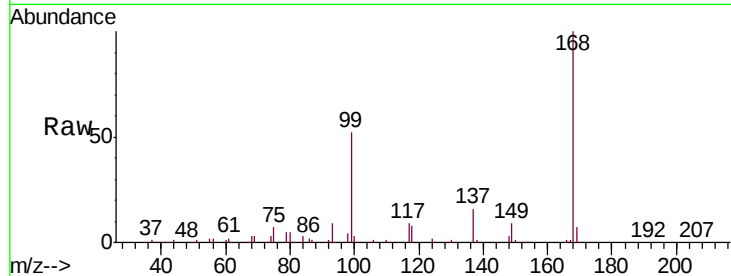
MW-7BD

Tot Ion:168 Resp: 825560

Ion Ratio Lower Upper

168 100

99 51.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

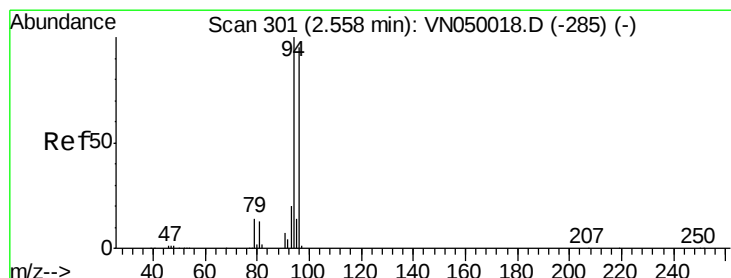
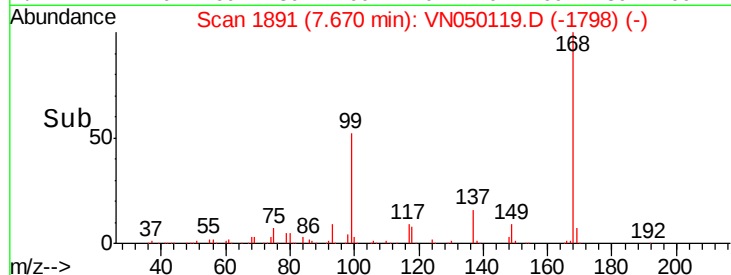
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 301

Delta R.T. 0.01 min

Lab File: VN050119.D

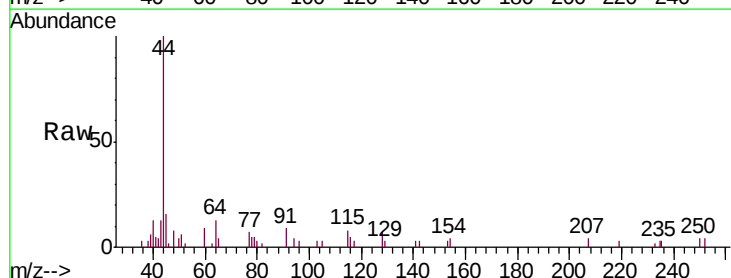
Acq: 27 Jul 2018 7:22

Tgt Ion: 94 Resp: 84

Ion Ratio Lower Upper

94 100

96 189.3 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

500

400

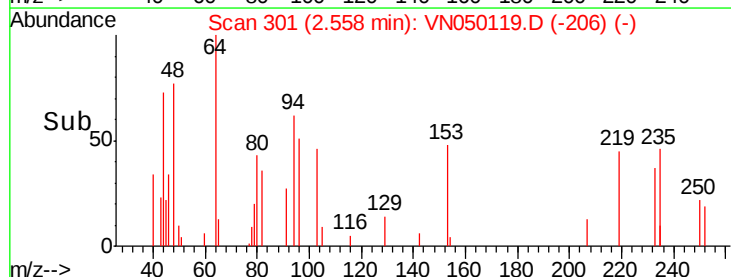
300

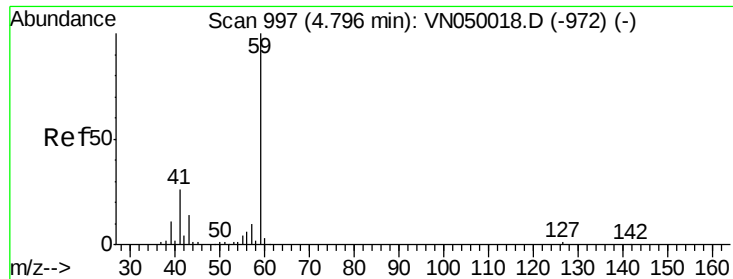
200

100

0

Time-->

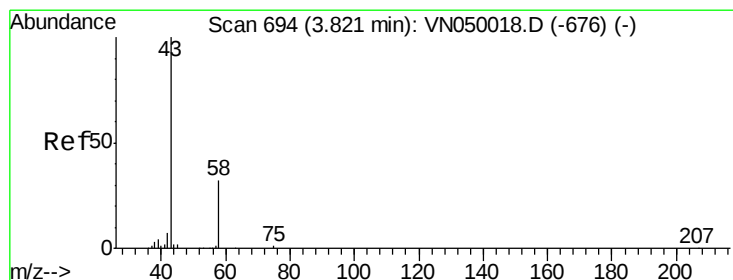
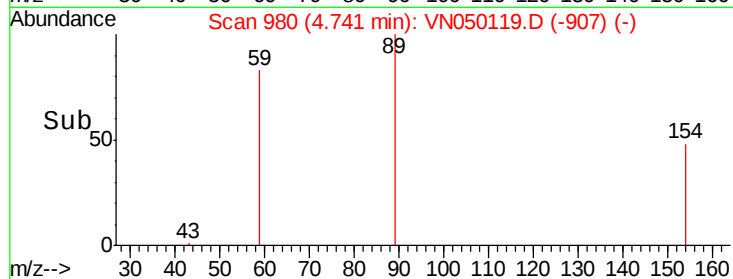
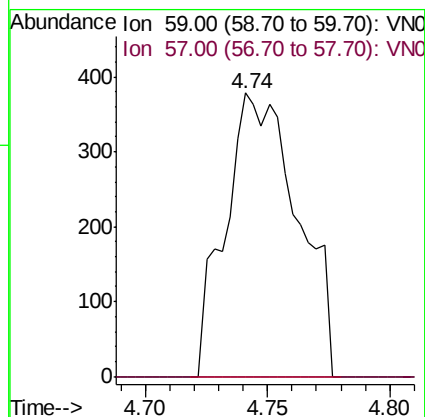
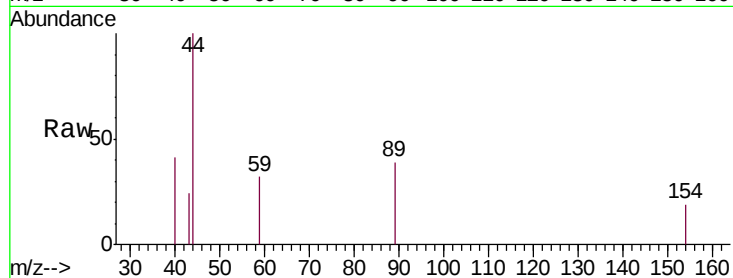




#11
Tert butyl alcohol
Concen: 0.92 ug/l
RT: 4.74 min Scan# 980
Delta R.T. -0.06 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

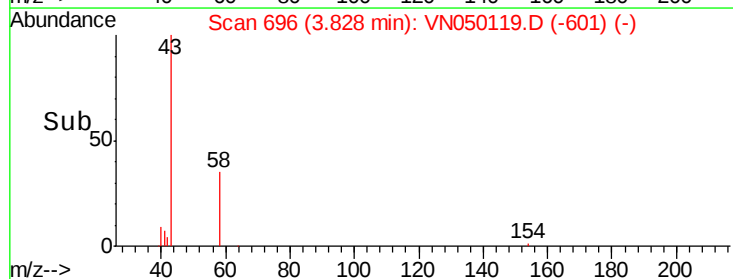
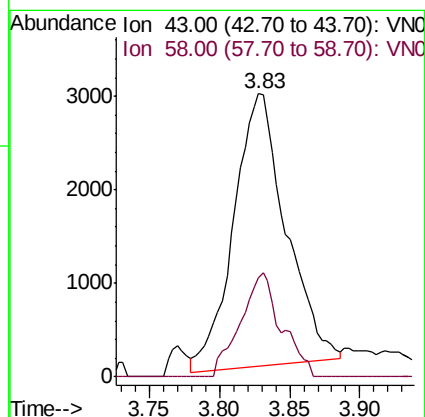
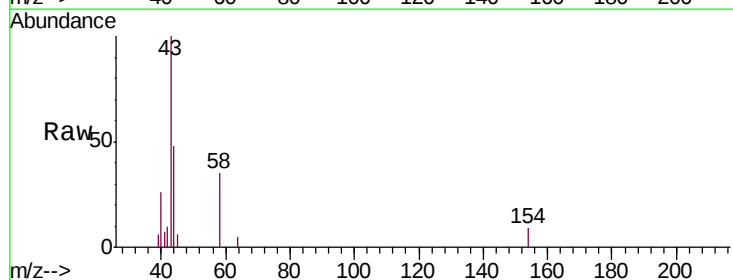
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

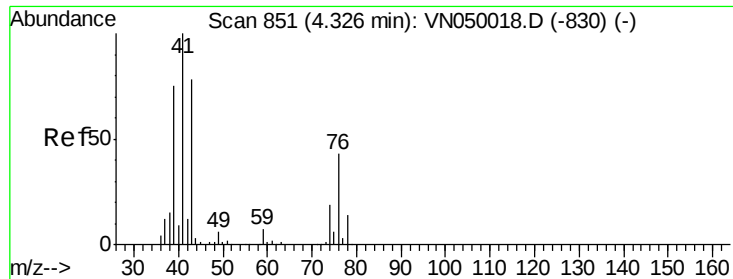
Tot Ion: 59 Resp: 777
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

Tgt Ion: 43 Resp: 7549
Ion Ratio Lower Upper
43 100
58 37.6 25.8 38.8

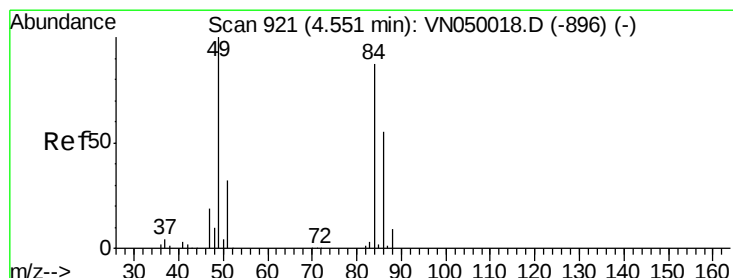
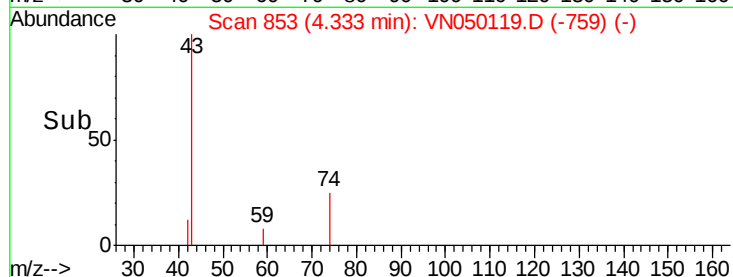
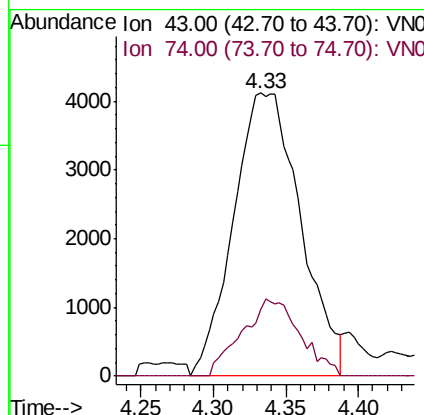
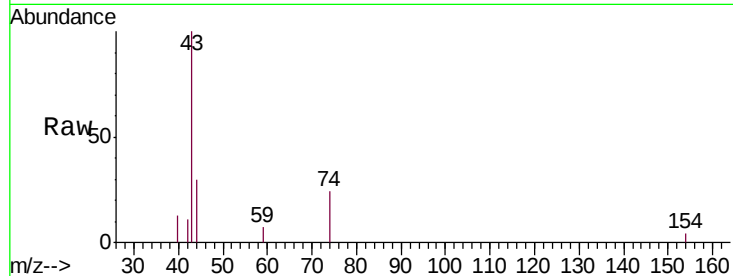




#18
Methvl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

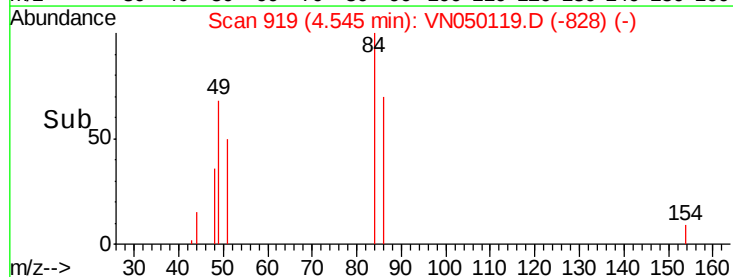
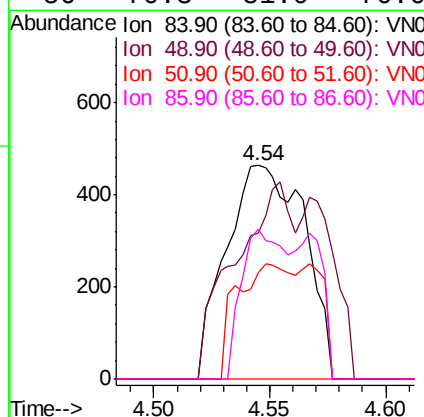
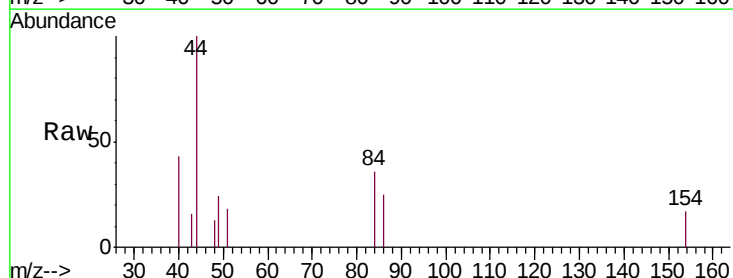
Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

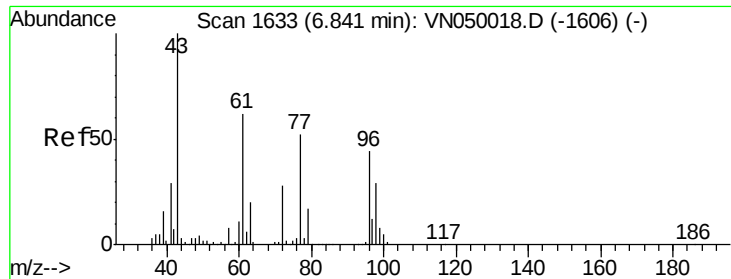
Tot Ion: 43 Resp: 13251
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

Tgt Ion: 84 Resp: 1092
Ion Ratio Lower Upper
84 100
49 68.3 94.8 142.2#
51 49.6 28.3 42.5#
86 70.3 51.0 76.6

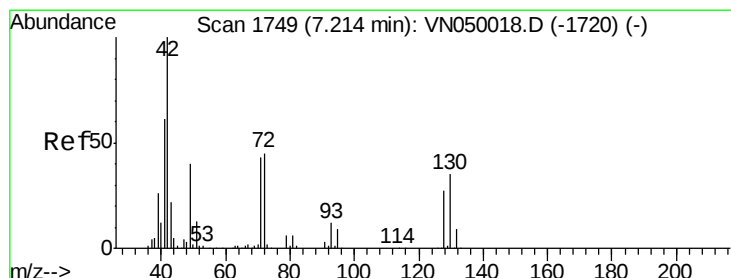
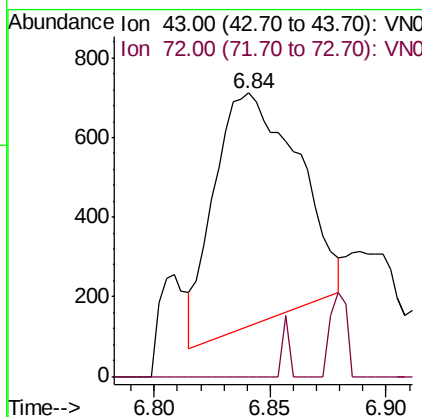
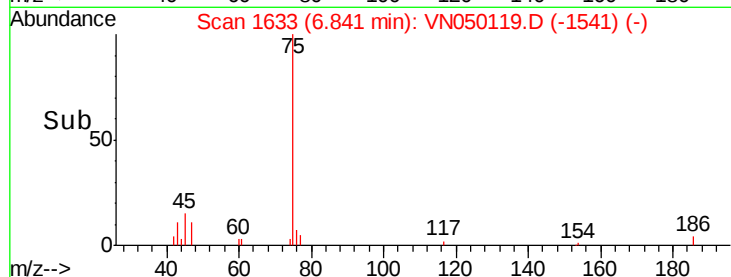
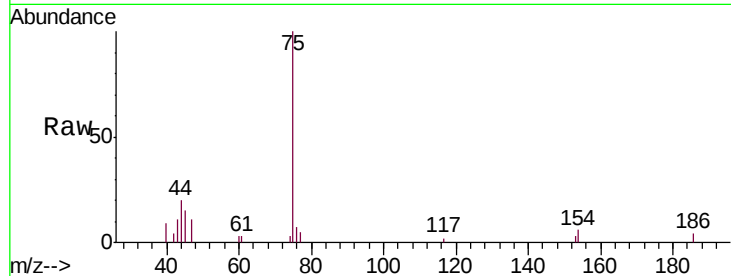




#25
2-Butanone
Concen: 0.34 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

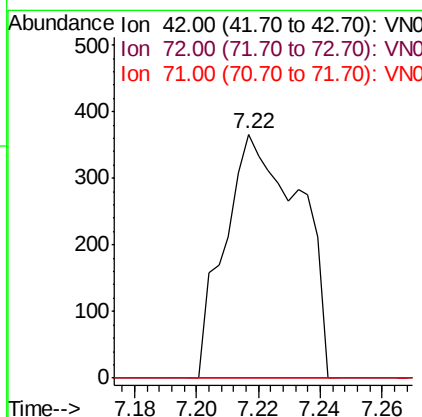
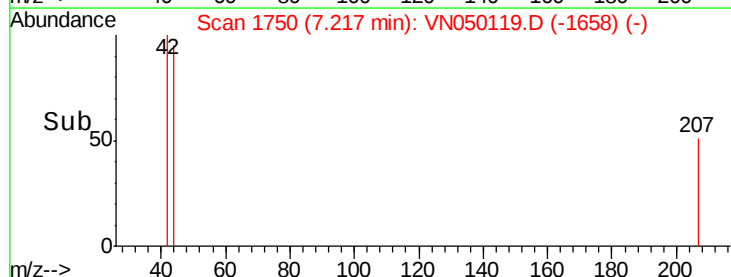
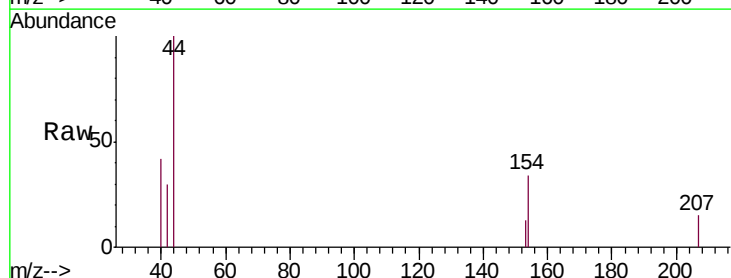
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

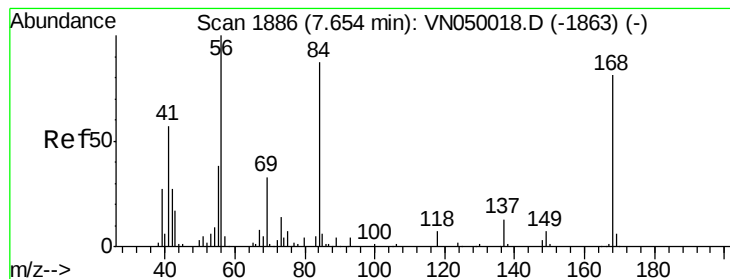
Tot Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

Tgt Ion: 42 Resp: 616
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 33.7 50.5#





#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampled :

MW-7BD

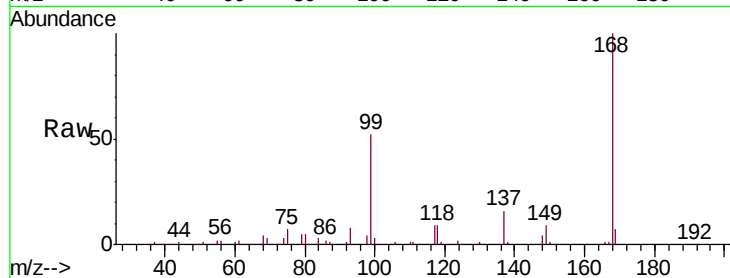
Tot Ion: 56 Resp: 16013

Ion Ratio Lower Upper

56 100

69 165.1 26.2 39.4#

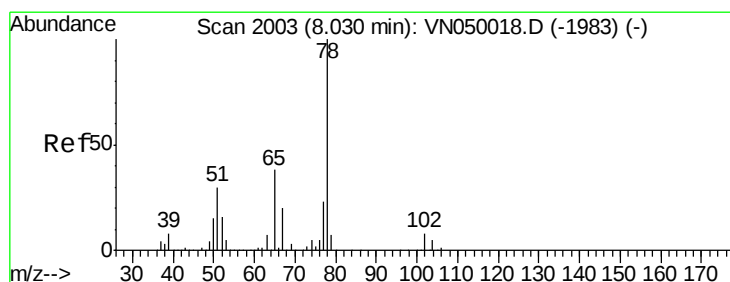
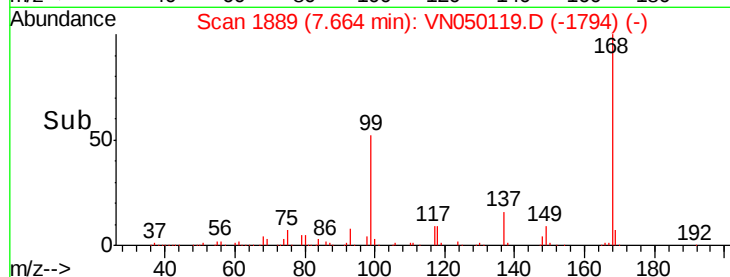
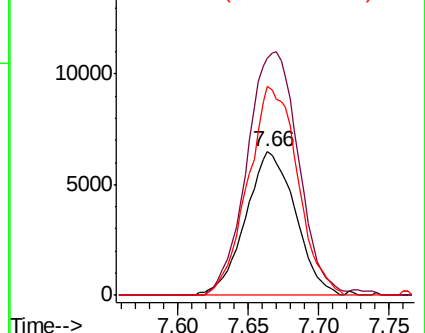
84 145.7 67.4 101.0#



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: 44.37 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050119.D

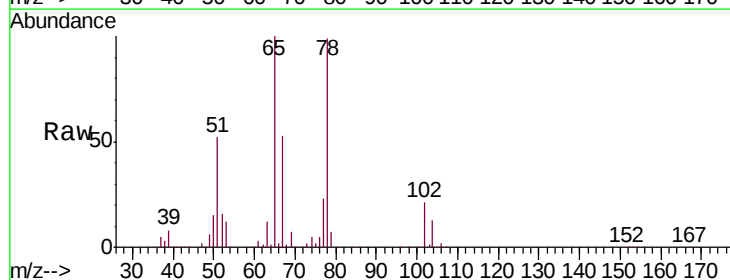
Acq: 27 Jul 2018 7:22

Tgt Ion: 65 Resp: 511129

Ion Ratio Lower Upper

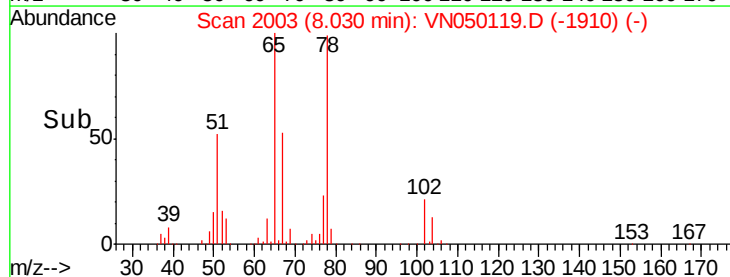
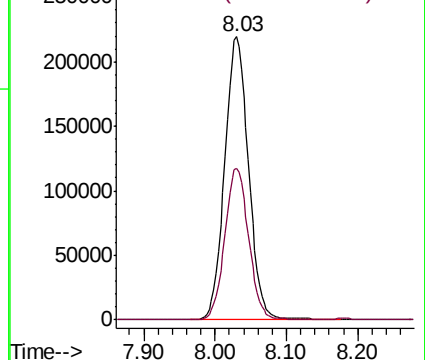
65 100

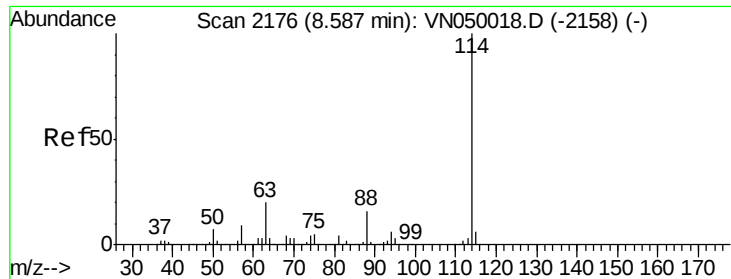
67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

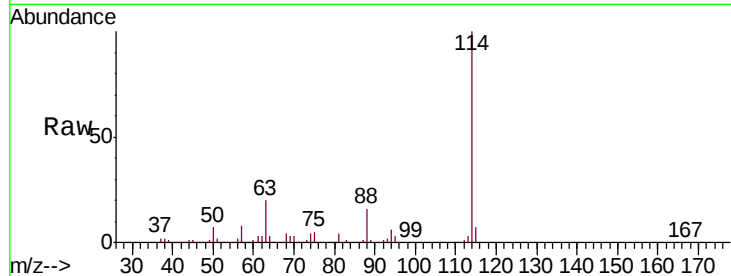




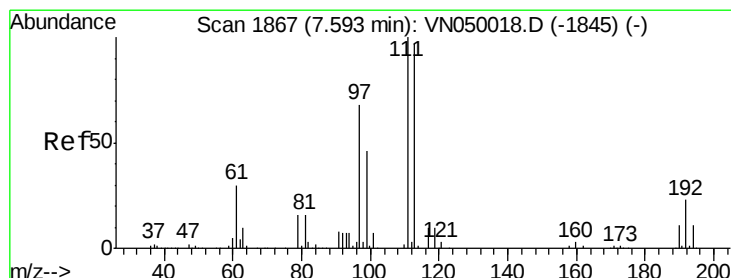
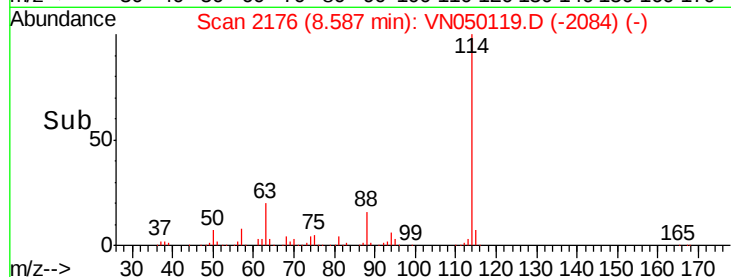
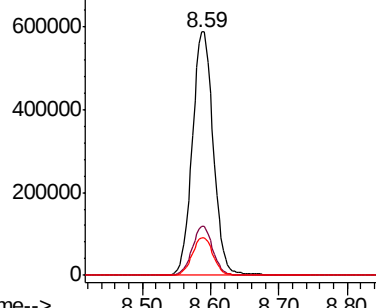
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

Tot Ion:114 Resp: 1256841
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.6 0.0 31.2

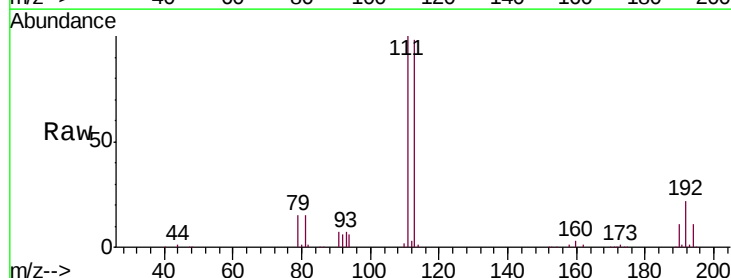


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

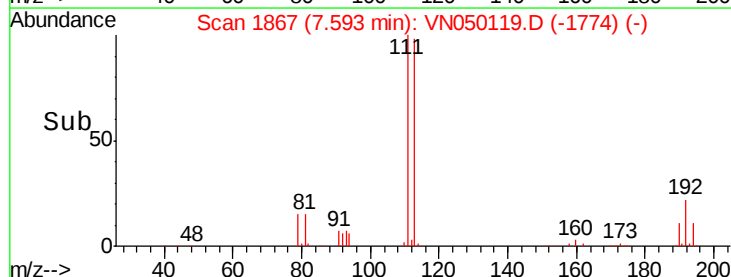
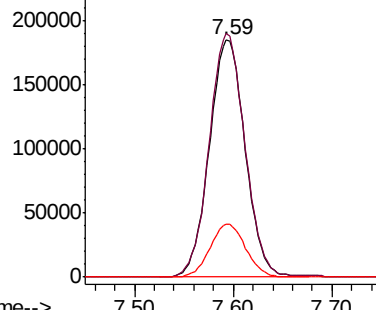


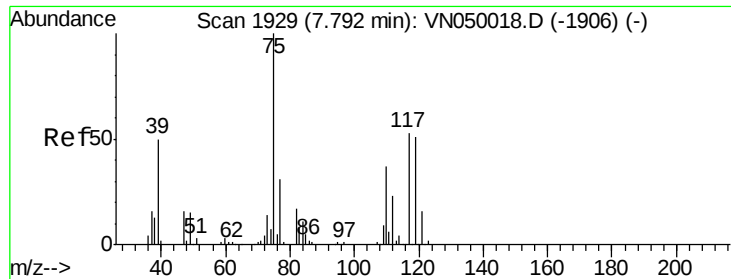
#35
 Dibromofluoromethane
 Concen: 45.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Tgt Ion:113 Resp: 465968
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.2 17.8 26.6



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

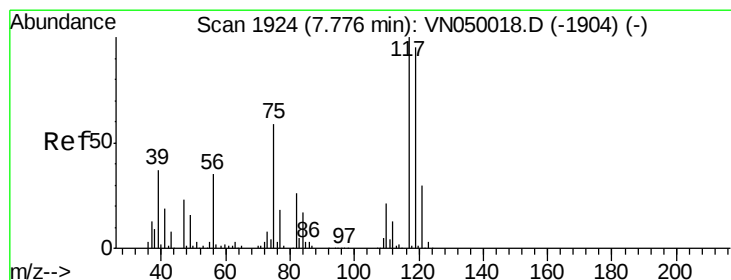
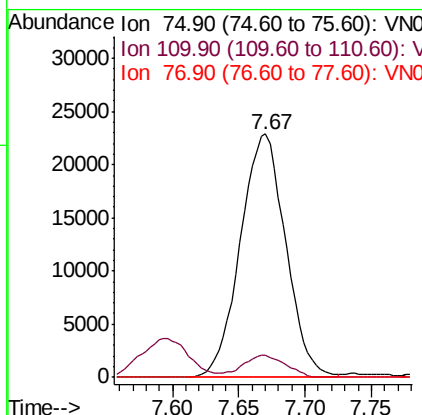
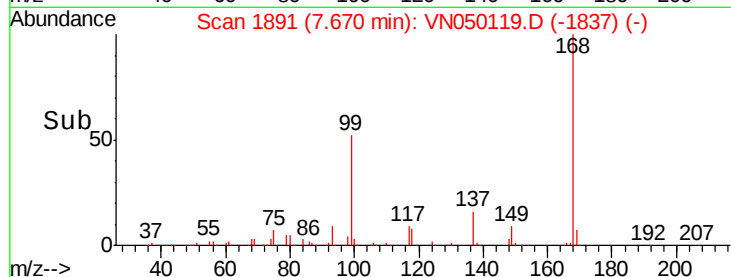
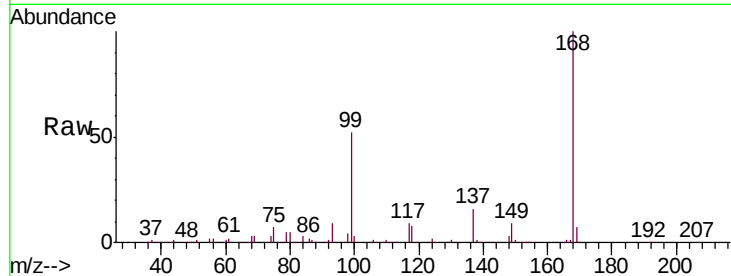




#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

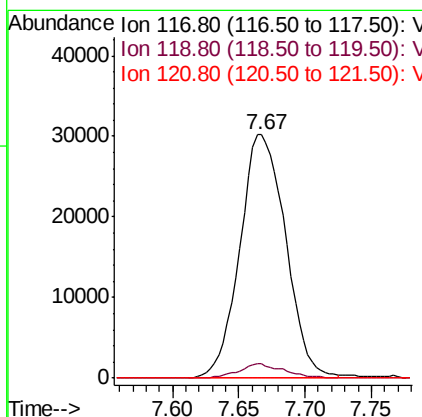
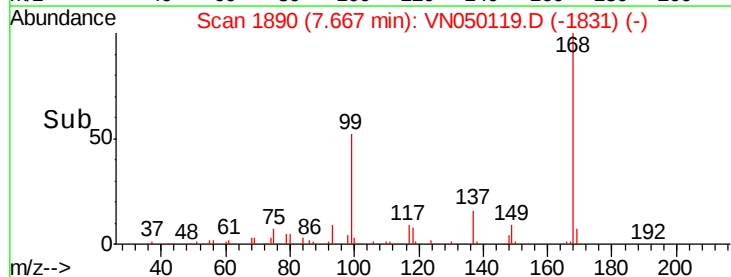
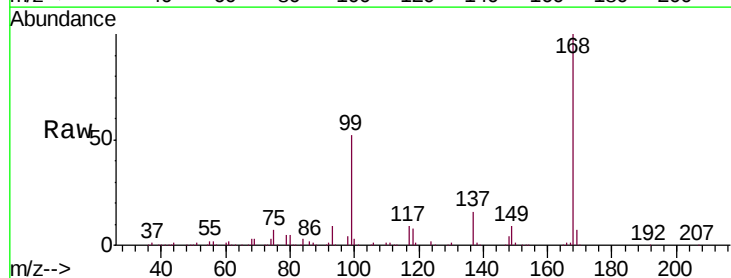
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

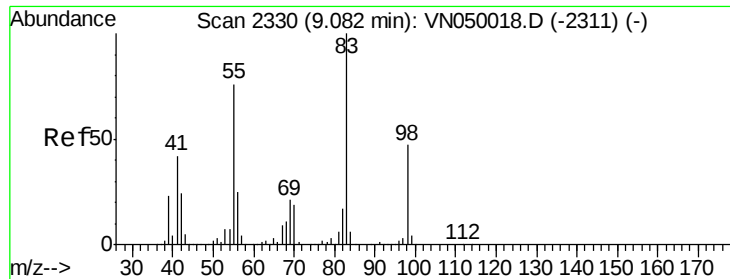
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.83 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.4	116.0#
121	0.0	23.9	35.9#

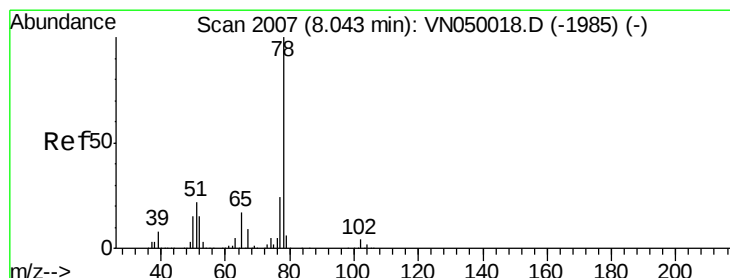
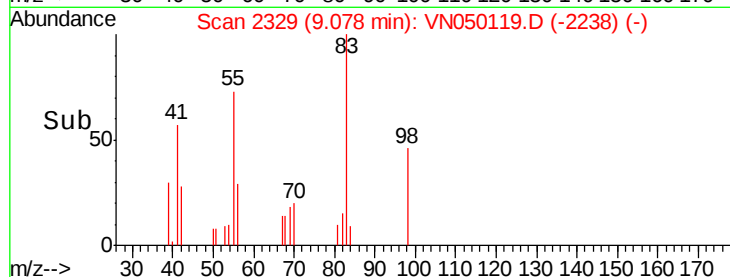
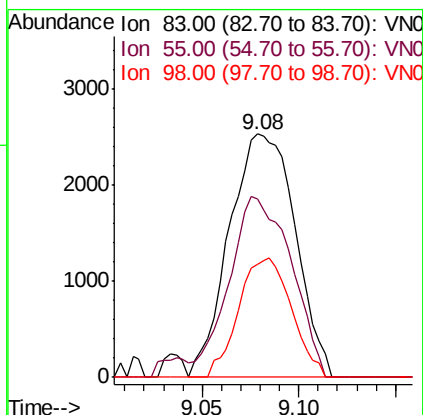
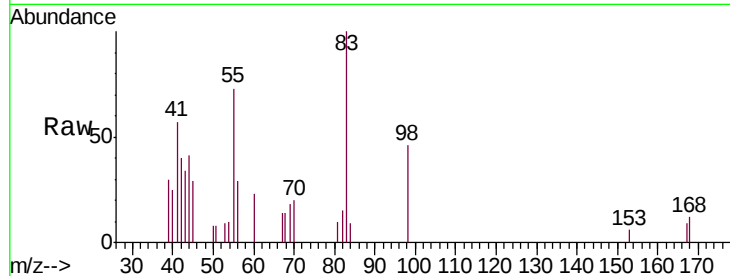




#39
Methvlcvclohexane
Concen: 0.41 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.01 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

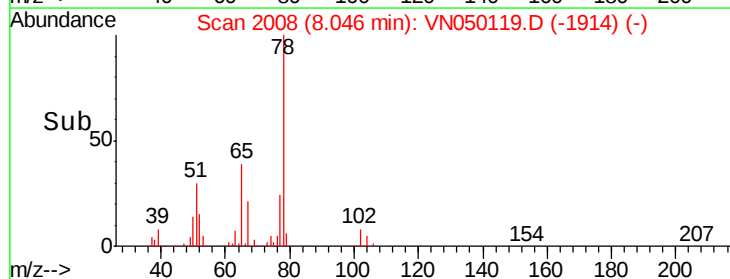
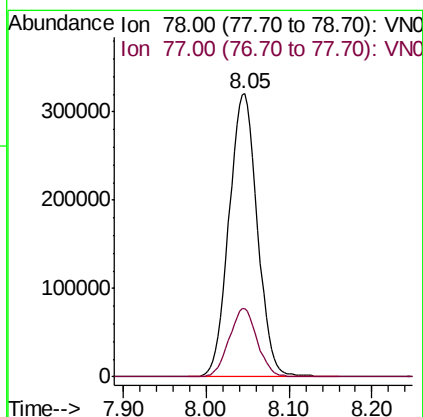
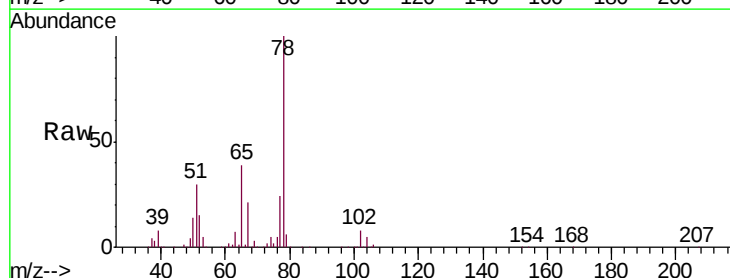
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

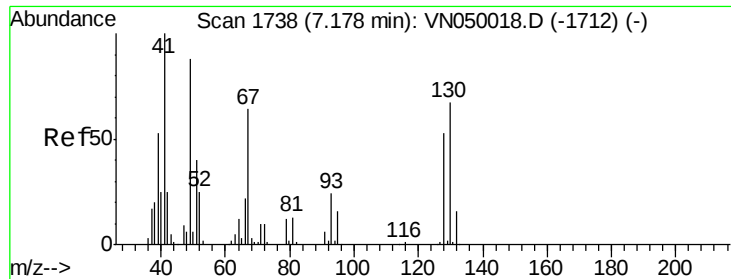
Tot Ion: 83 Resp: 5982
Ion Ratio Lower Upper
83 100
55 73.2 61.8 92.8
98 46.3 36.5 54.7



#40
Benzene
Concen: 17.73 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

Tgt Ion: 78 Resp: 763945
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

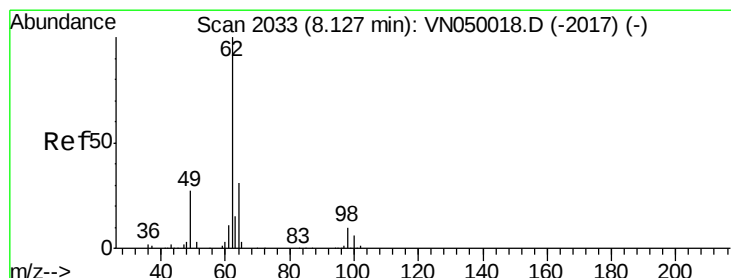
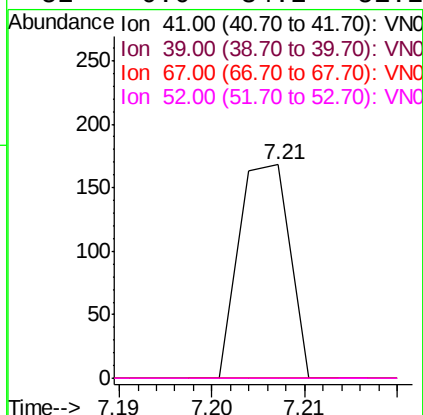
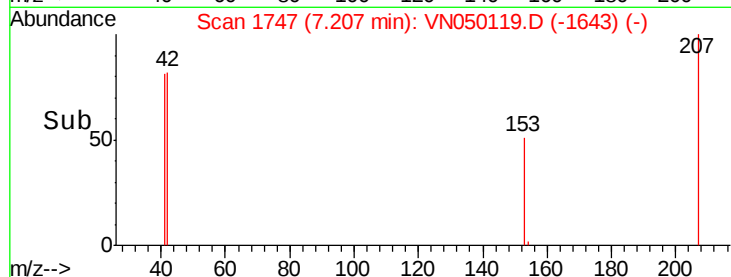
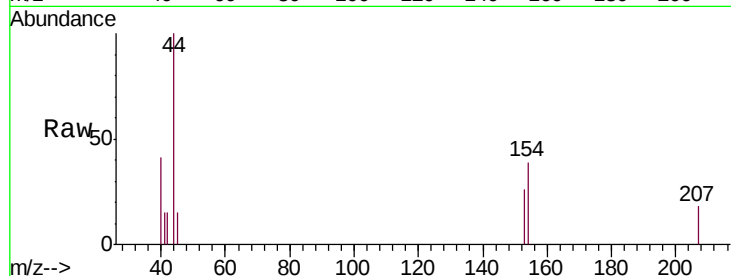




#41
Methacrylonitrile
Concen: 2.76 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. 0.03 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

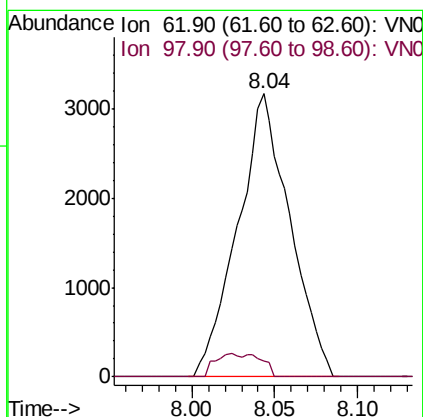
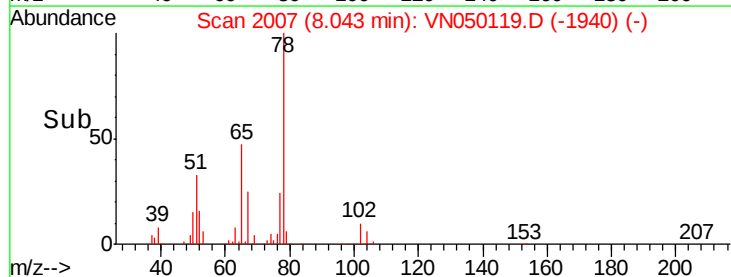
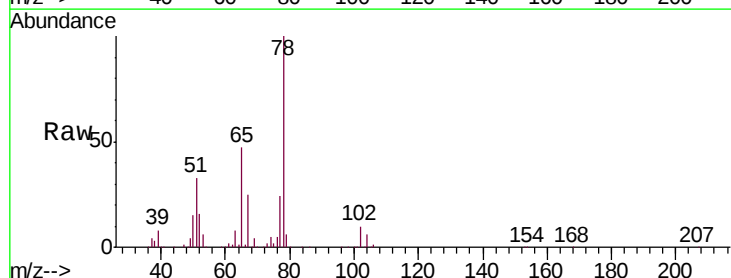
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

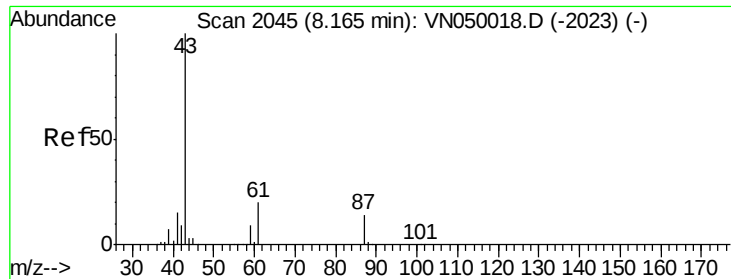
Tot Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#42
1,2-Dichloroethane
Concen: 0.48 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.08 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

Tgt Ion: 62 Resp: 6937
Ion Ratio Lower Upper
62 100
98 4.2 0.0 18.8





#43

Isopropyl Acetate

Concen: 10.11 ug/l

RT: 8.30 min Scan# 2087

Delta R.T. 0.13 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampleId :

MW-7BD

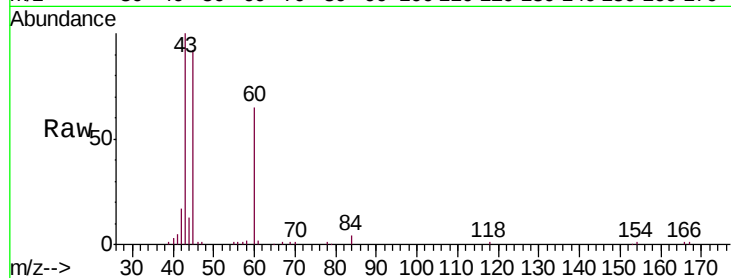
Tot Ion: 43 Resp: 205015

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

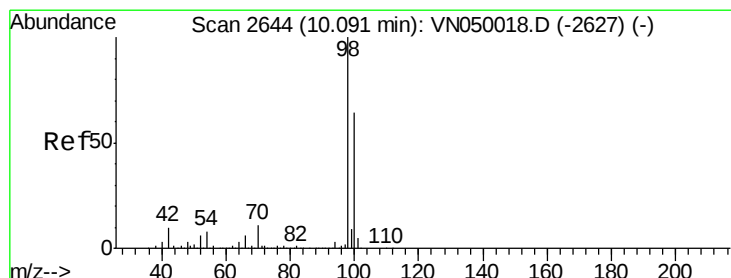
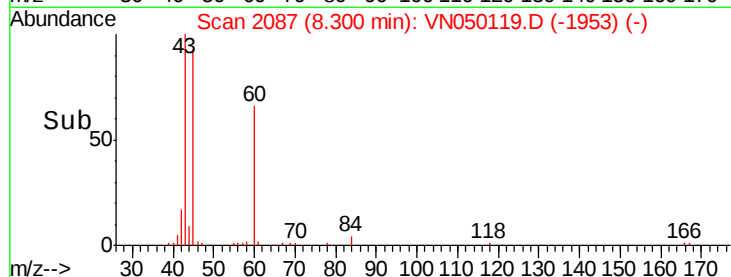
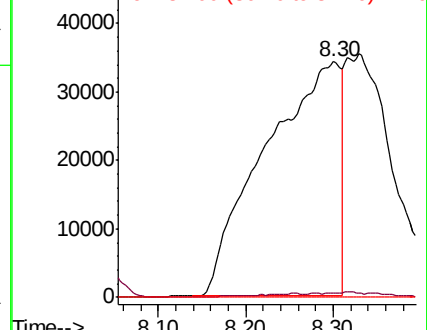
87 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 46.03 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050119.D

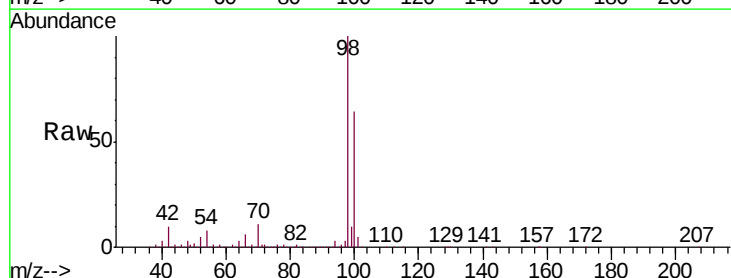
Acq: 27 Jul 2018 7:22

Tgt Ion: 98 Resp: 1736366

Ion Ratio Lower Upper

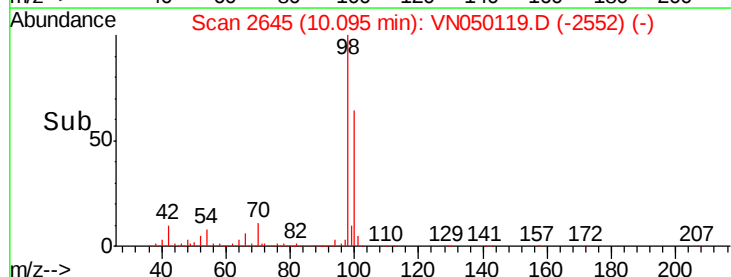
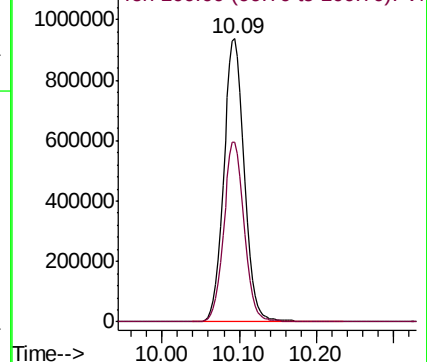
98 100

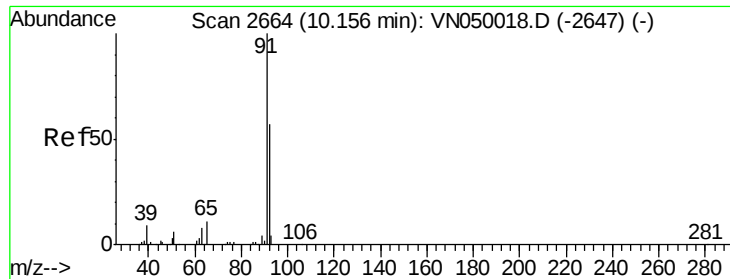
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 33.88 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampleId :

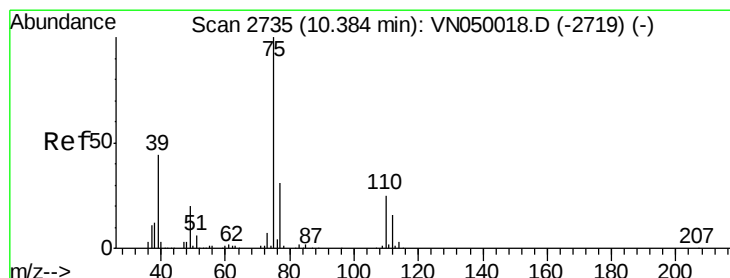
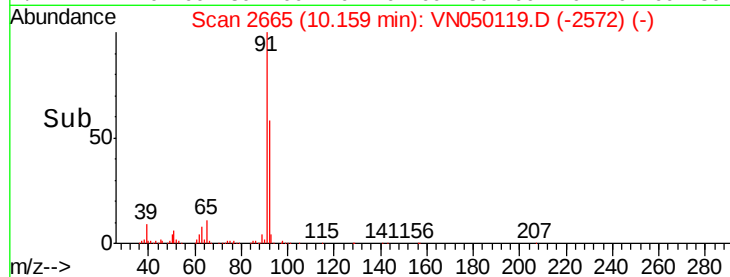
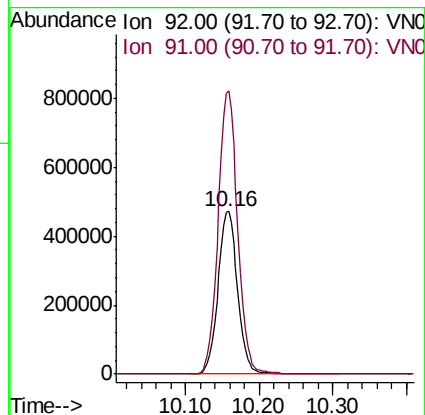
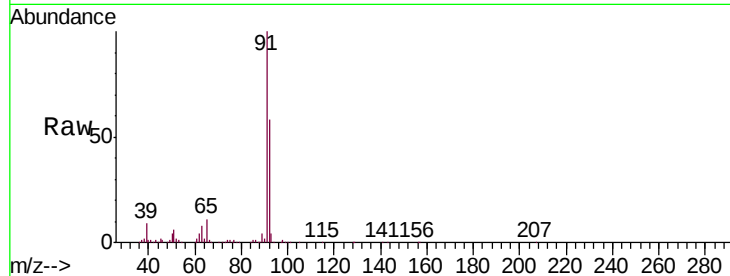
MW-7BD

Tot Ion: 92 Resp: 861809

Ion Ratio Lower Upper

92 100

91 174.8 140.3 210.5



#53

t-1,3-Dichloropropene

Concen: 0.67 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.23 min

Lab File: VN050119.D

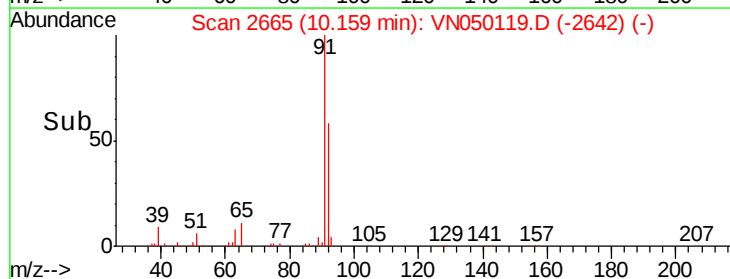
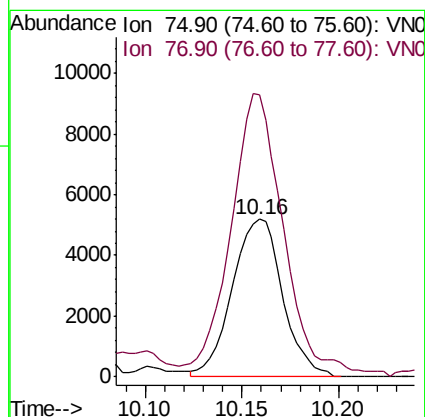
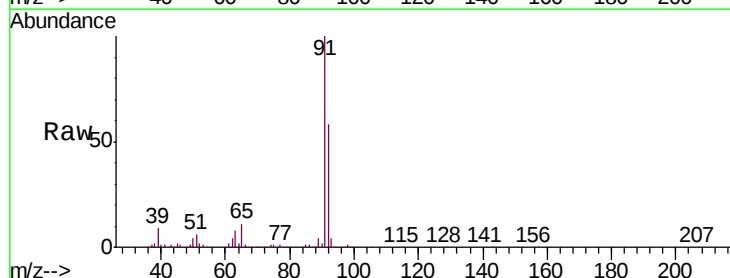
Acq: 27 Jul 2018 7:22

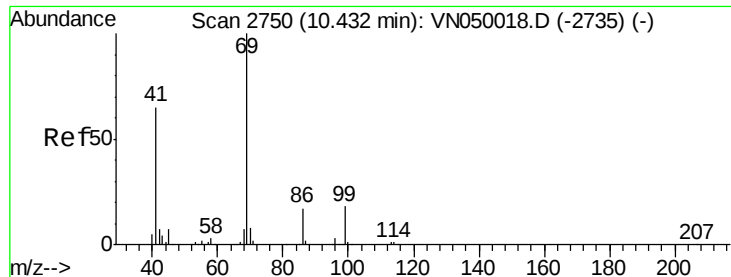
Tgt Ion: 75 Resp: 9401

Ion Ratio Lower Upper

75 100

77 170.5 24.9 37.3#





#56

Ethyl methacrylate

Concen: 2.03 ug/l

RT: 10.42 min Scan# 2745

Delta R.T. -0.02 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampled :

MW-7BD

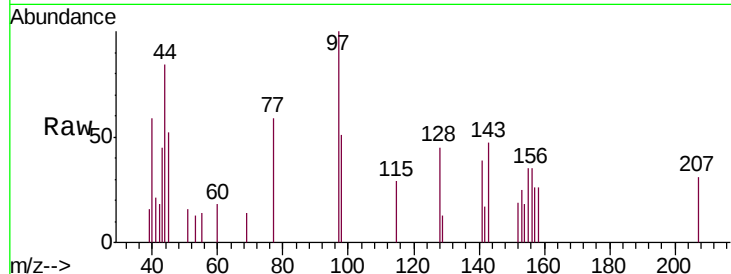
Tot Ion: 69 Resp: 30

Ion Ratio Lower Upper

69 100

41 1506.7 51.0 76.4#

39 0.0 26.6 40.0#

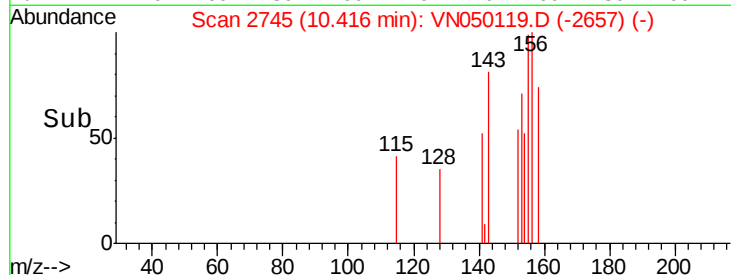


Abundance Ion 69.00 (68.70 to 69.70): VN050018.D (-2735) (-)

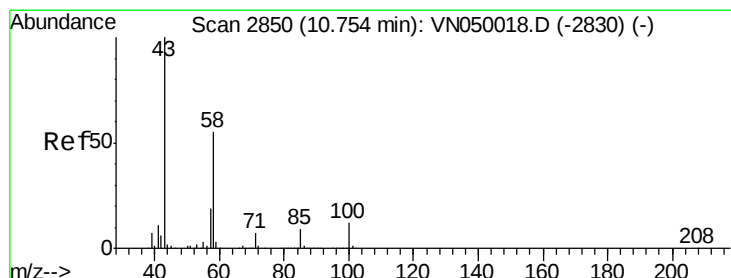
Ion 41.00 (40.70 to 41.70): VN050018.D (-2735) (-)

Ion 39.00 (38.70 to 39.70): VN050018.D (-2735) (-)

Time-->



Time-->



#59

2-Hexanone

Concen: 5.19 ug/l

RT: 10.74 min Scan# 2845

Delta R.T. -0.02 min

Lab File: VN050119.D

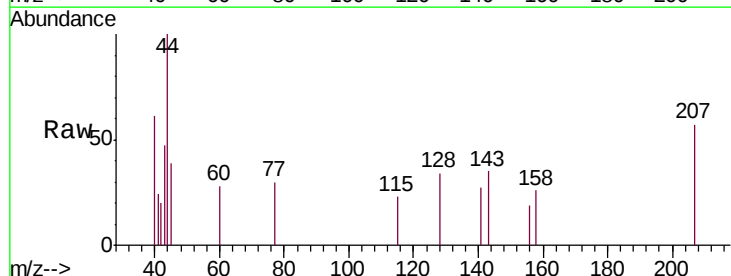
Acq: 27 Jul 2018 7:22

Tgt Ion: 43 Resp: 145

Ion Ratio Lower Upper

43 100

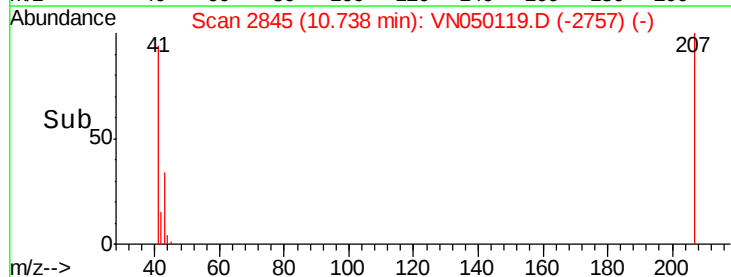
58 0.0 27.6 82.7#



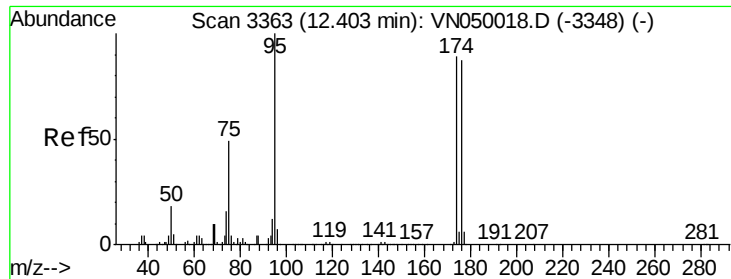
Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2830) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-2830) (-)

Time-->



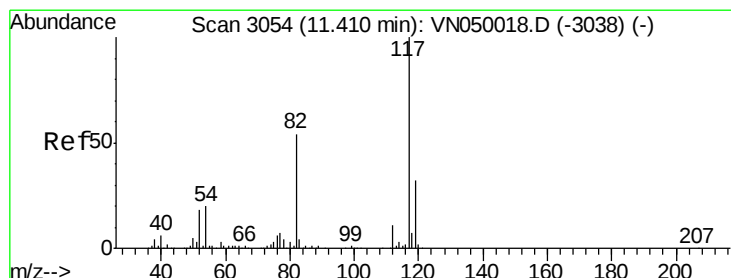
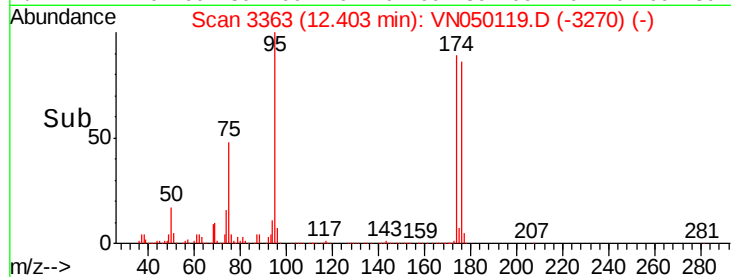
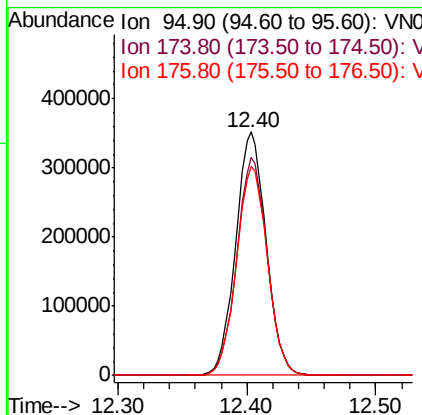
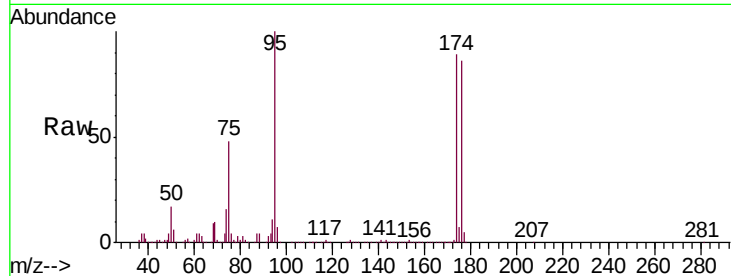
Time-->



#62
4-Bromofluorobenzene
Concen: 46.33 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

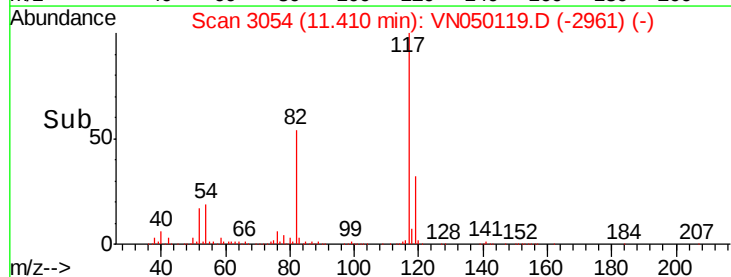
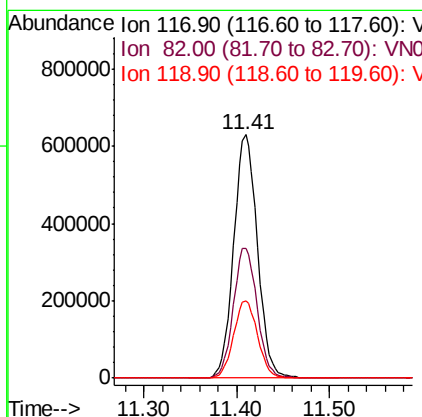
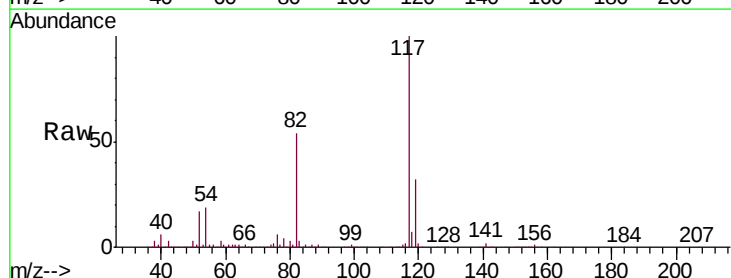
Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

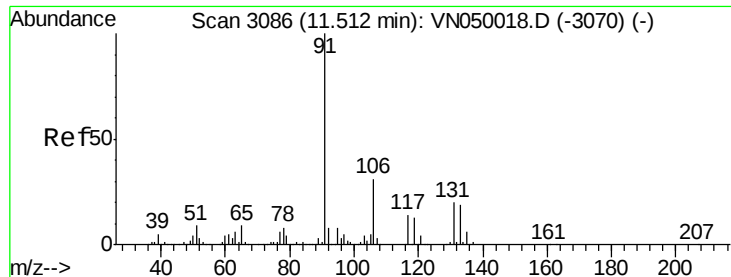
Tot Ion: 95 Resp: 575531
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.2
176 87.1 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

Tgt Ion: 117 Resp: 1117208
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 31.9 26.1 39.1





#67

Ethyl Benzene

Concen: 33.93 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampled :

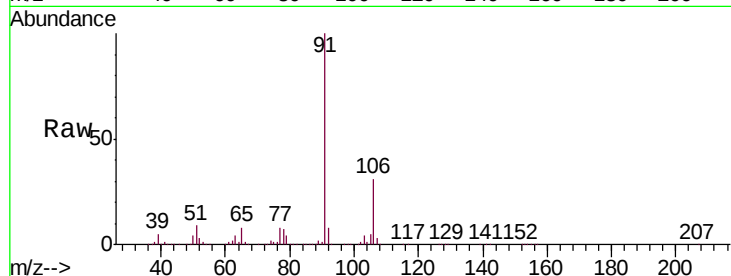
MW-7BD

Tot Ion: 91 Resp: 1538073

Ion Ratio Lower Upper

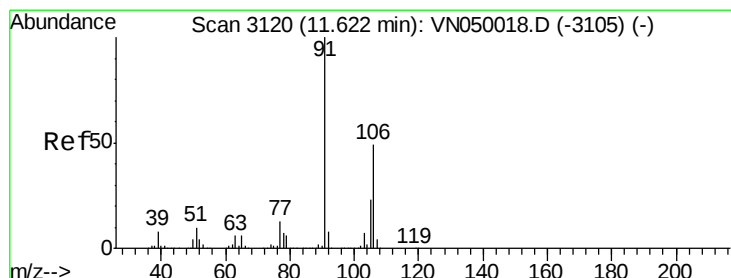
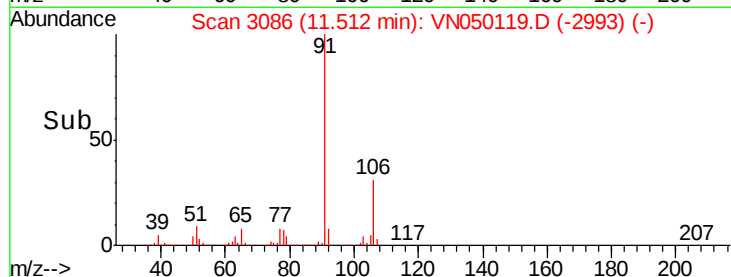
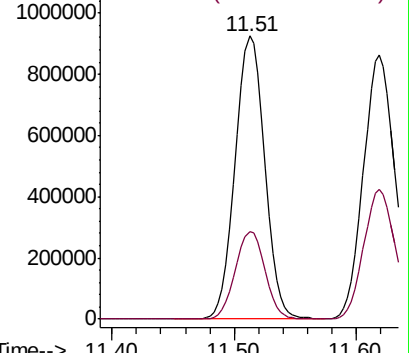
91 100

106 31.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.59 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.01 min

Lab File: VN050119.D

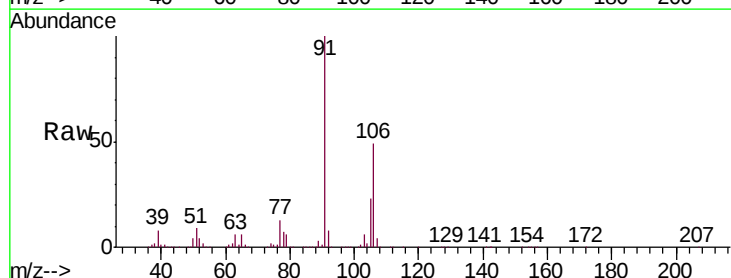
Acq: 27 Jul 2018 7:22

Tgt Ion: 106 Resp: 764630

Ion Ratio Lower Upper

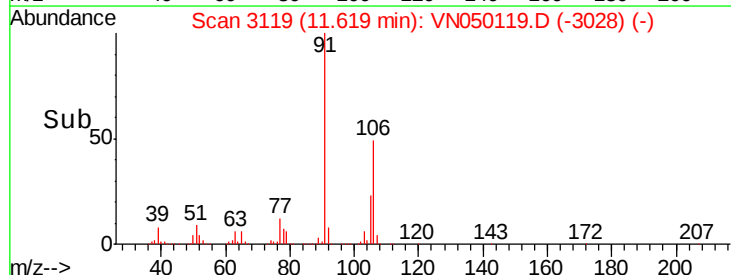
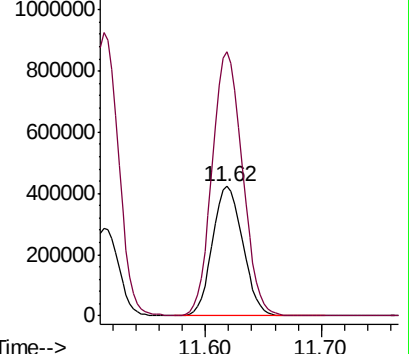
106 100

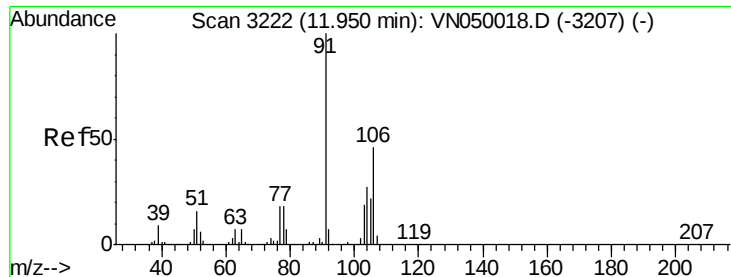
91 203.5 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

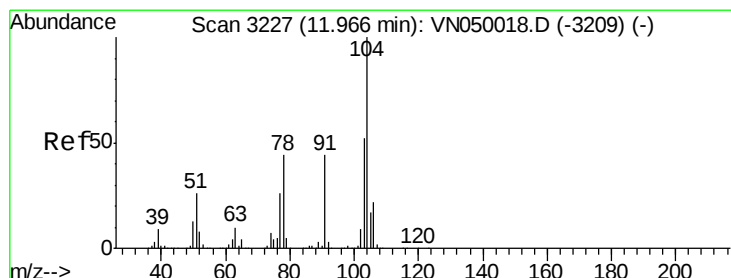
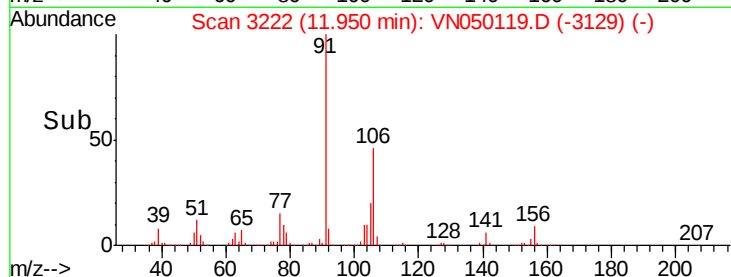
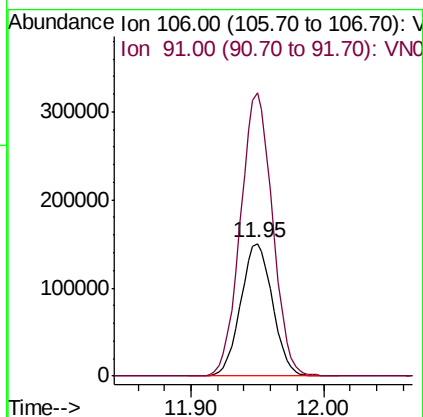
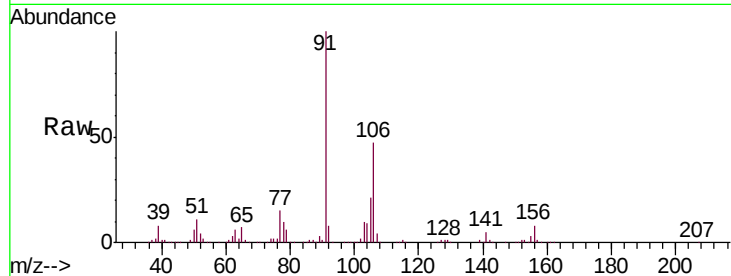




#69
o-Xylene
Concen: 15.39 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

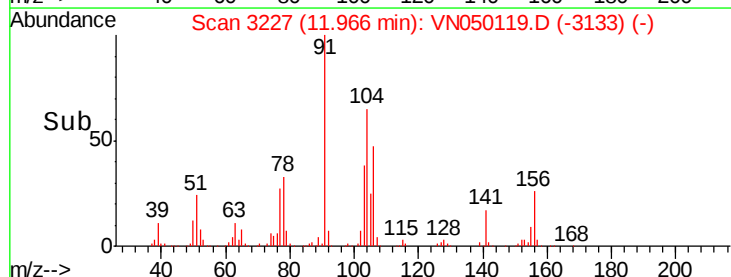
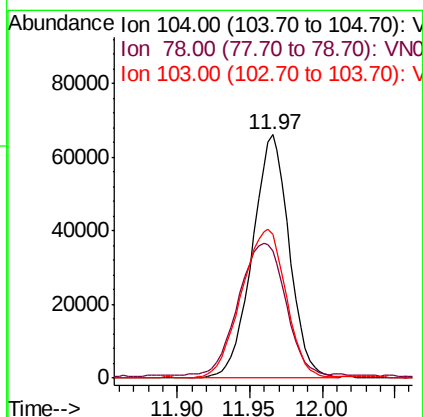
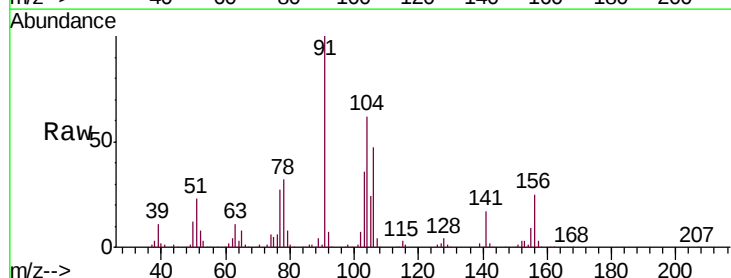
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

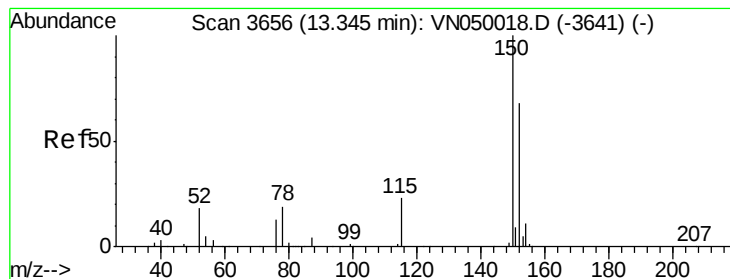
Tot Ion:106 Resp: 251613
Ion Ratio Lower Upper
106 100
91 213.4 107.7 323.1



#70
Styrene
Concen: 4.89 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050119.D
Acq: 27 Jul 2018 7:22

Tgt Ion:104 Resp: 117391
Ion Ratio Lower Upper
104 100
78 68.0 39.3 58.9#
103 73.3 45.0 67.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampleId :

MW-7BD

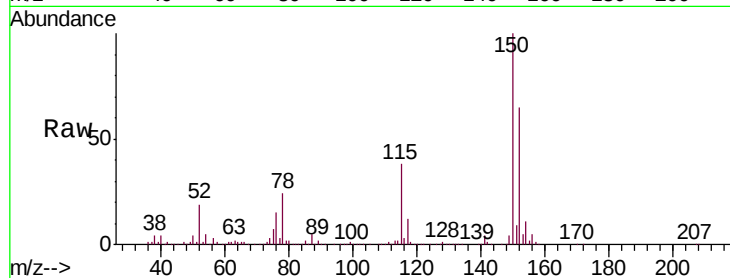
Tot Ion:152 Resp: 538116

Ion Ratio Lower Upper

152 100

115 58.2 27.8 83.3

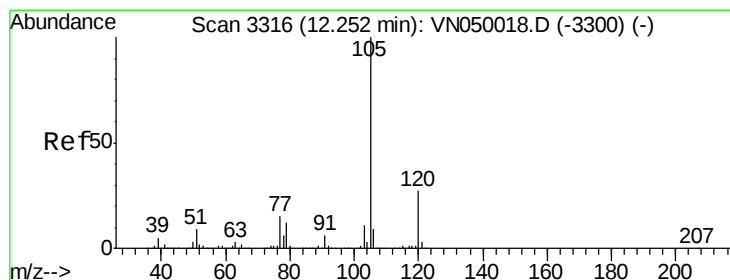
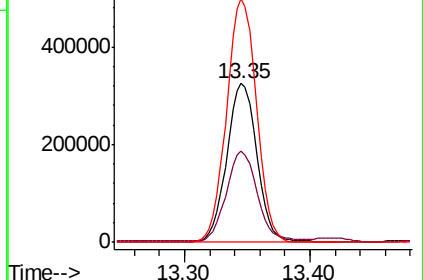
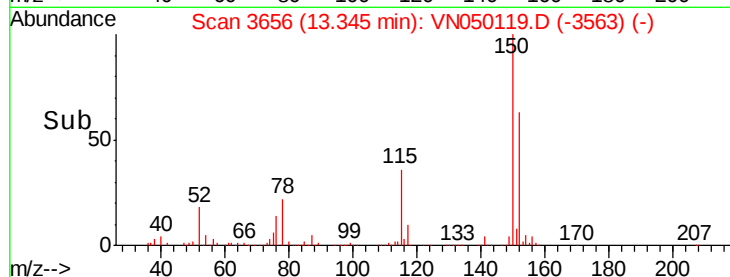
150 153.0 0.0 348.6



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: 1.40 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050119.D

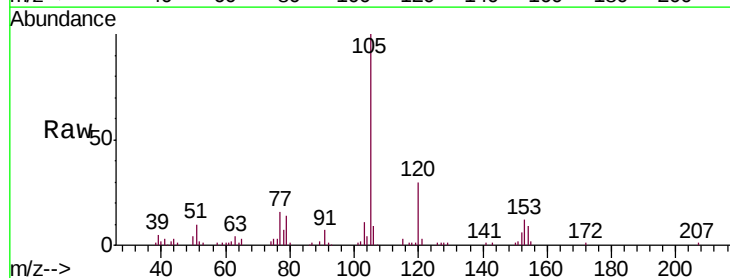
Acq: 27 Jul 2018 7:22

Tgt Ion:105 Resp: 58294

Ion Ratio Lower Upper

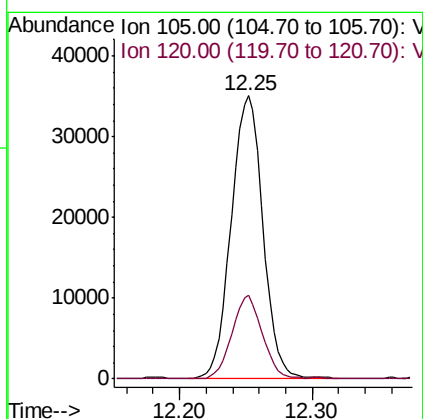
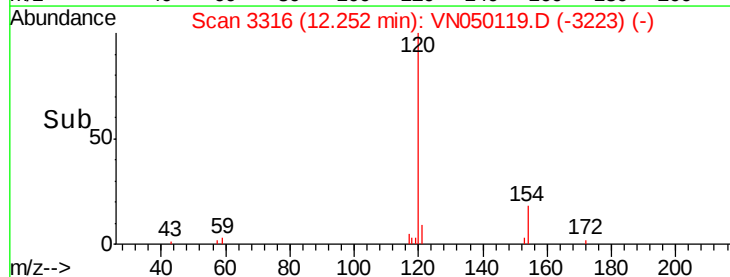
105 100

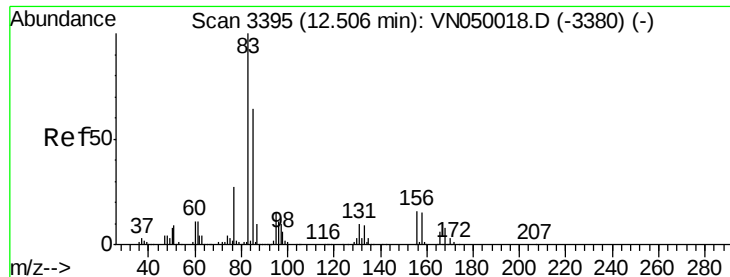
120 28.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampled :

MW-7BD

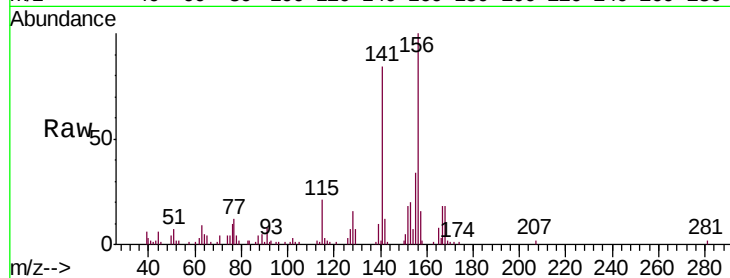
Tot Ion: 83 Resp: 546

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

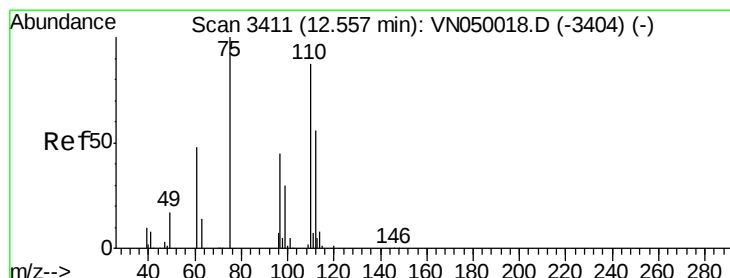
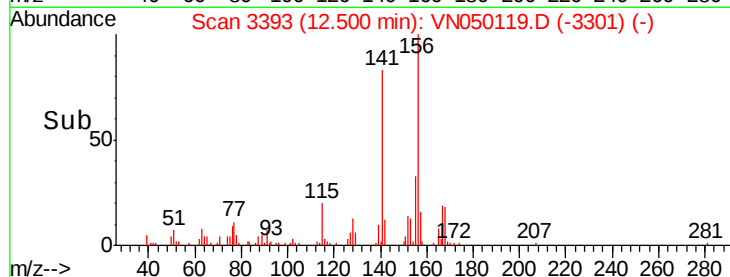
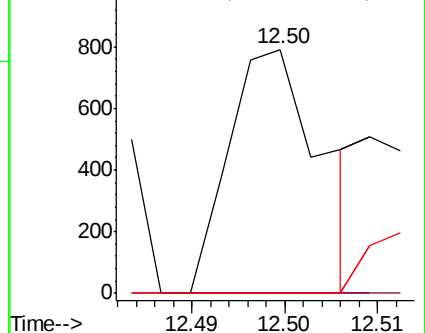
85 35.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 27.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050119.D

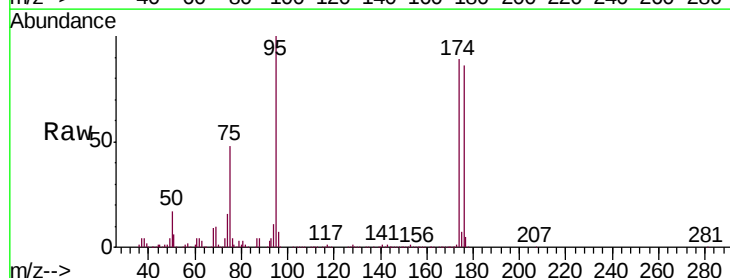
Acq: 27 Jul 2018 7:22

Tgt Ion: 75 Resp: 275897

Ion Ratio Lower Upper

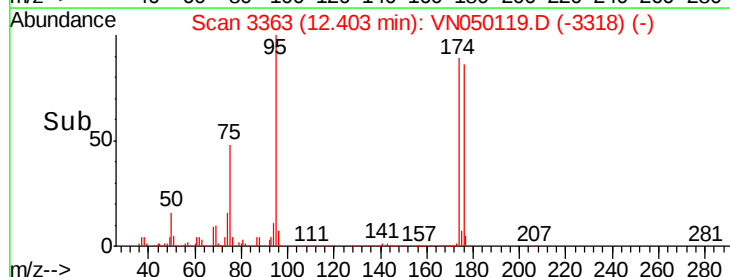
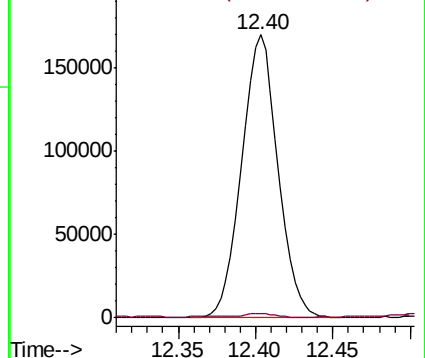
75 100

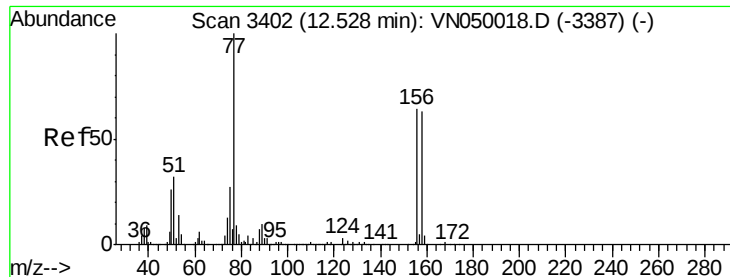
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 37.85 ug/l

RT: 12.57 min Scan# 3416

Delta R.T. 0.05 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampleId :

MW-7BD

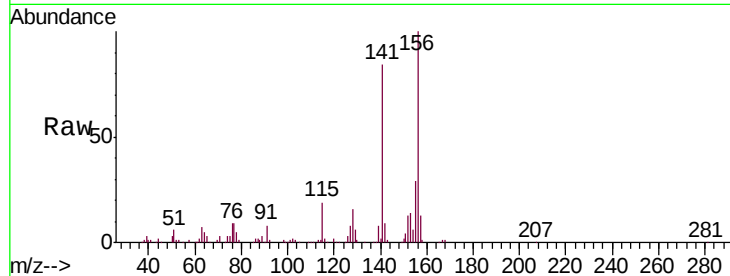
Tot Ion:156 Resp: 437769

Ion Ratio Lower Upper

156 100

77 0.0 91.7 275.1#

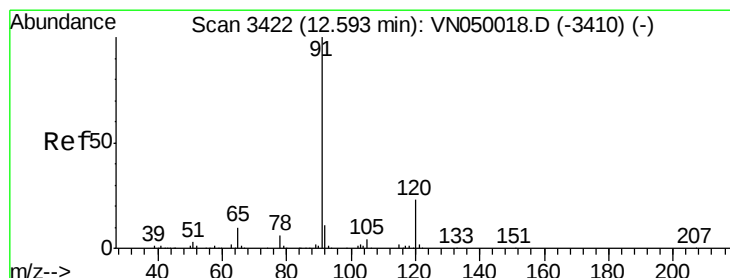
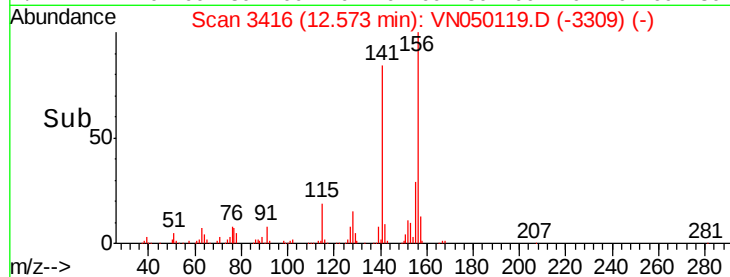
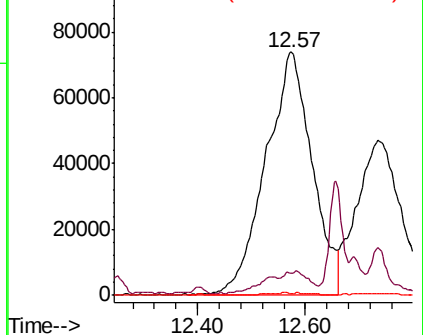
158 0.1 48.9 146.6#



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: 0.92 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050119.D

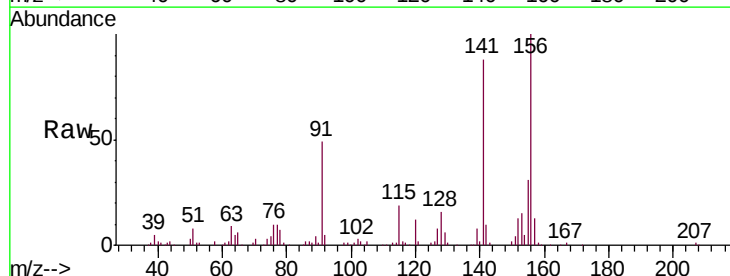
Acq: 27 Jul 2018 7:22

Tgt Ion: 91 Resp: 43058

Ion Ratio Lower Upper

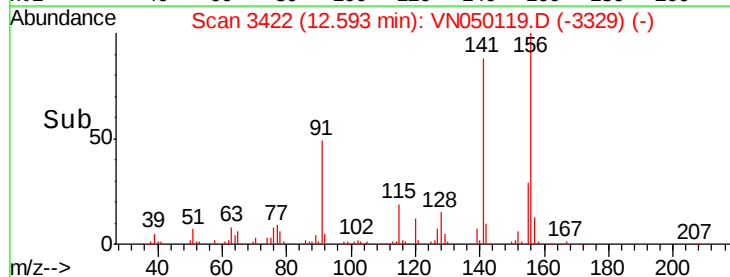
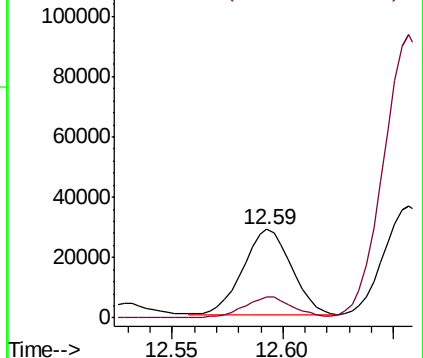
91 100

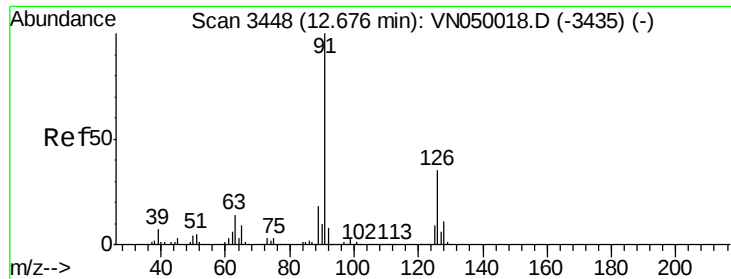
120 25.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

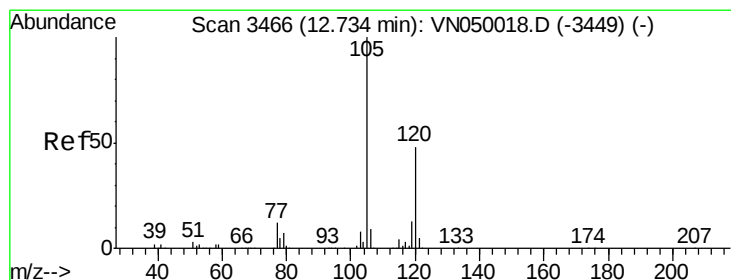
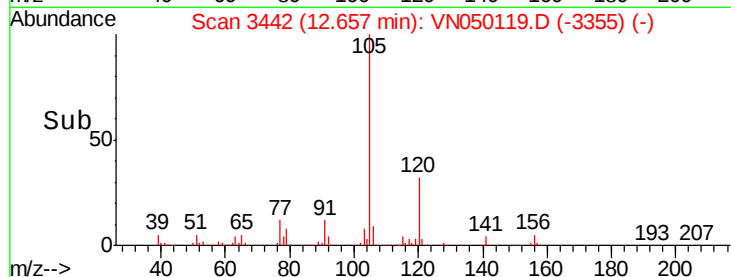
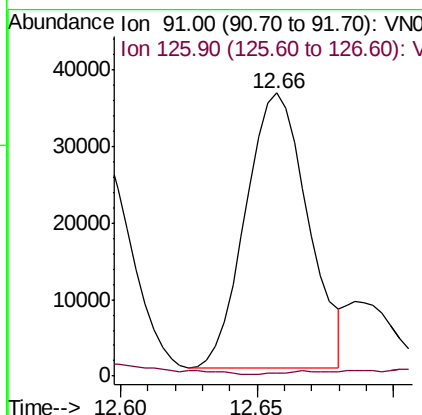
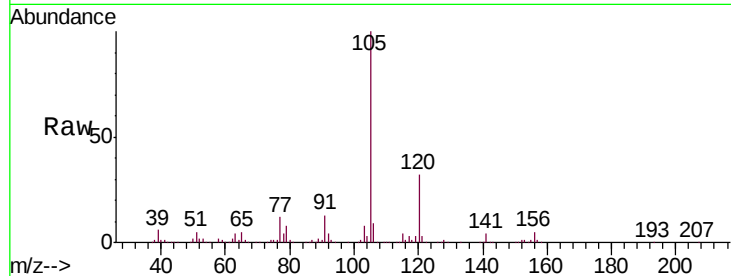




#79
 2-Chlorotoluene
 Concen: 1.97 ug/l
 RT: 12.66 min Scan# 3442
 Delta R.T. -0.02 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

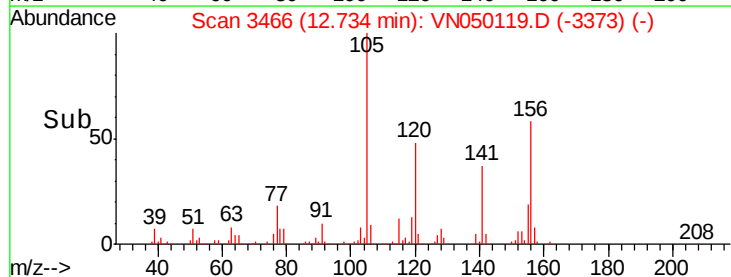
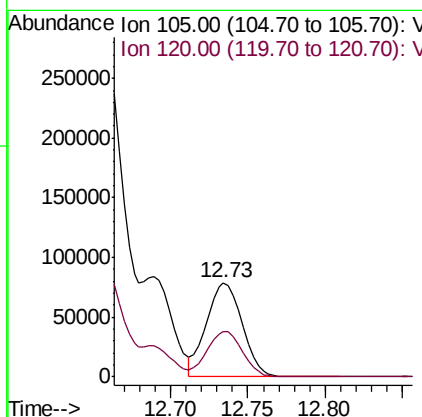
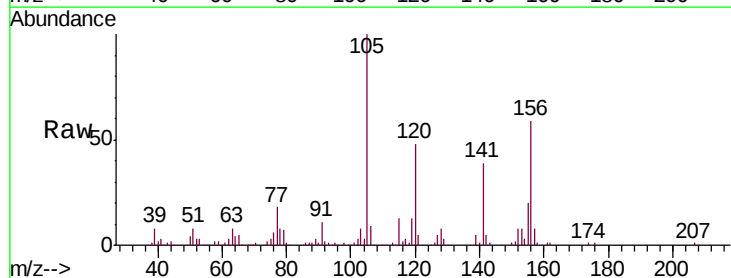
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

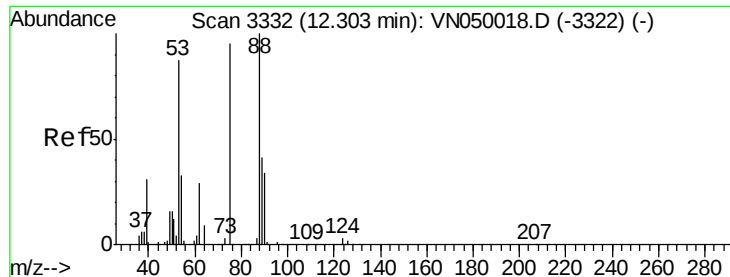
Tot Ion: 91 Resp: 56890
 Ion Ratio Lower Upper
 91 100
 126 0.7 17.6 52.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.89 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Tgt Ion: 105 Resp: 127789
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 87.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampled :

MW-7BD

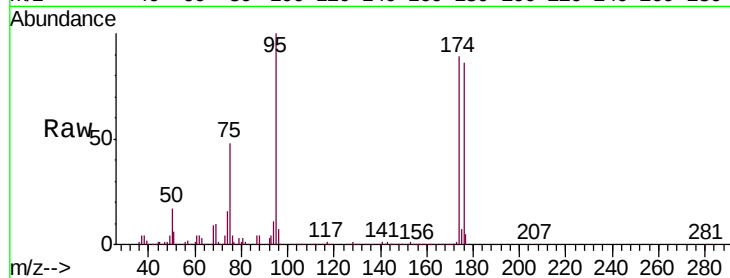
Tot Ion: 75 Resp: 275897

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

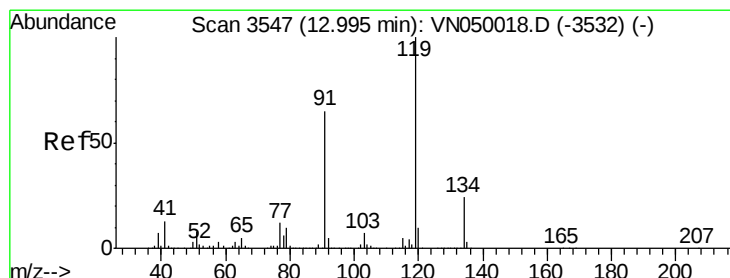
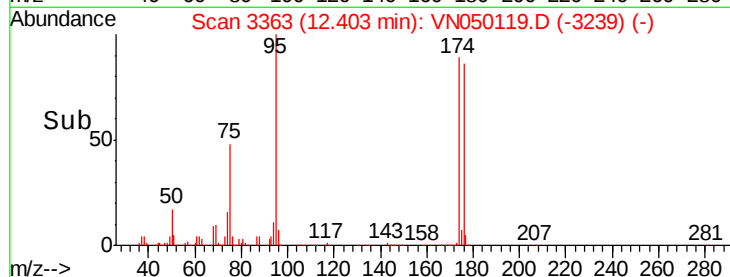
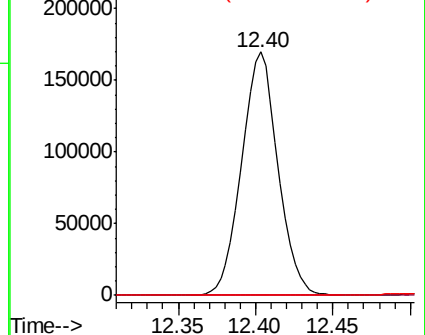
89 0.1 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050119.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050119.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050119.D (-3363) (-)



#83

tert-Butylbenzene

Concen: 1.30 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

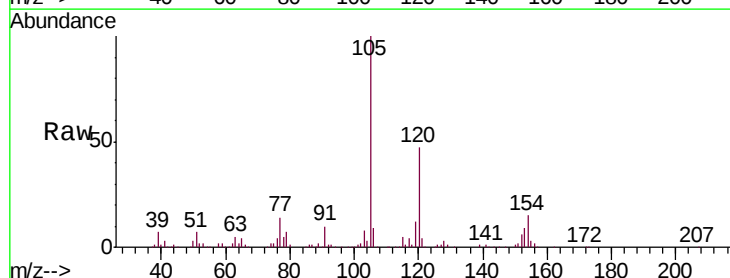
Tgt Ion: 119 Resp: 37189

Ion Ratio Lower Upper

119 100

91 92.2 32.1 96.3

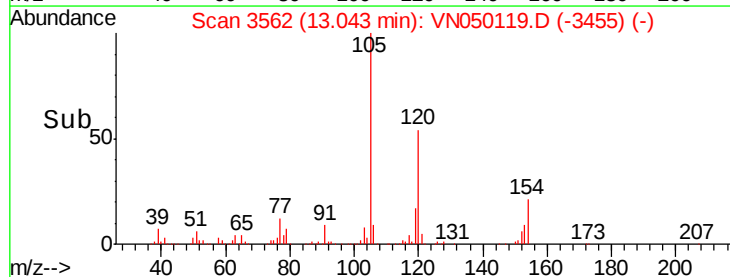
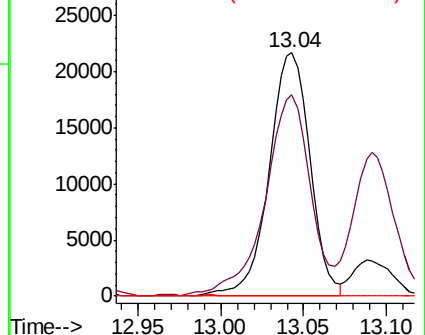
134 0.0 13.2 39.5#

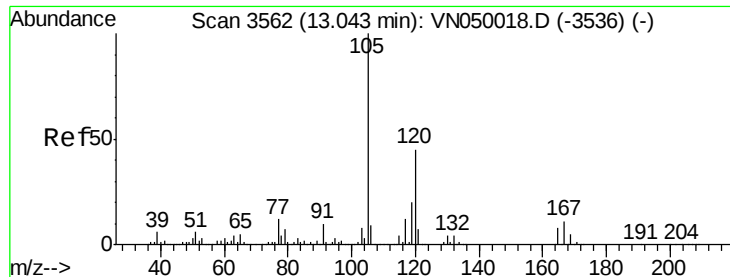


Abundance Ion 119.00 (118.70 to 119.70): VN050119.D (-3562) (-)

Ion 91.00 (90.70 to 91.70): VN050119.D (-3562) (-)

Ion 134.00 (133.70 to 134.70): VN050119.D (-3562) (-)

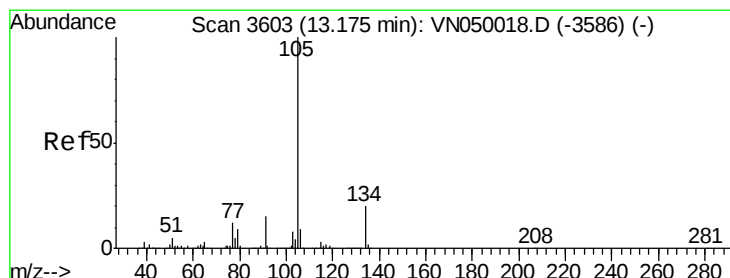
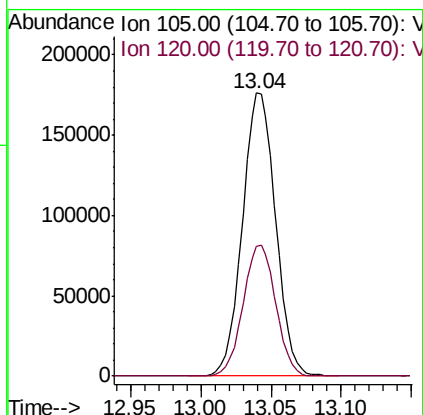
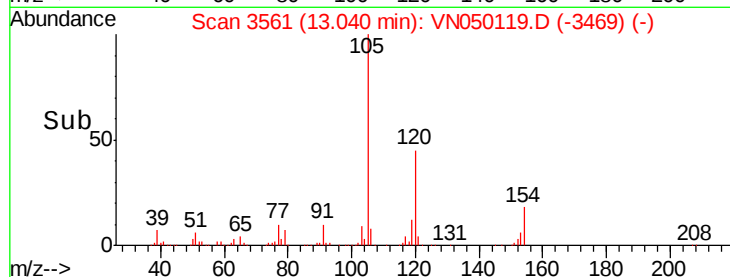
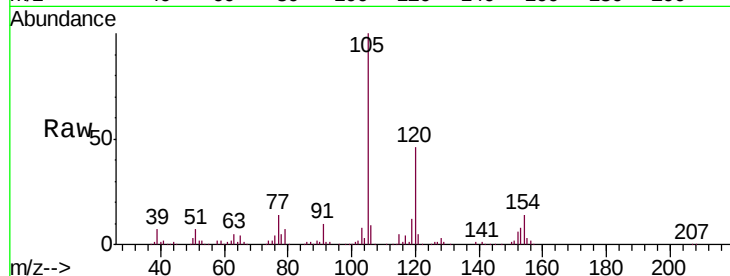




#84
 1,2,4-Trimethylbenzene
 Concen: 8.77 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

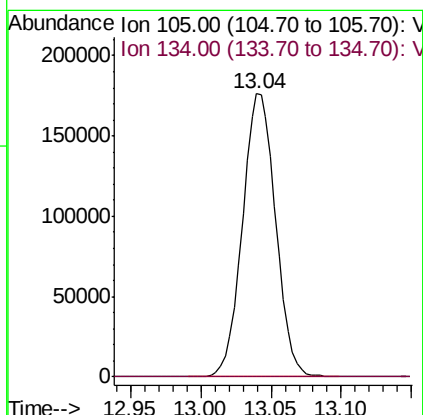
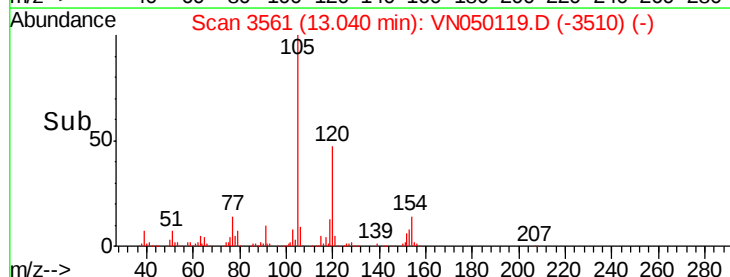
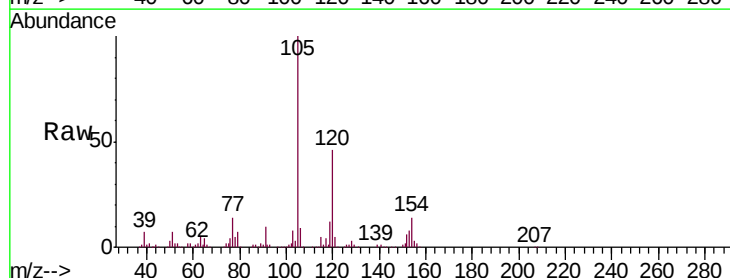
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BD

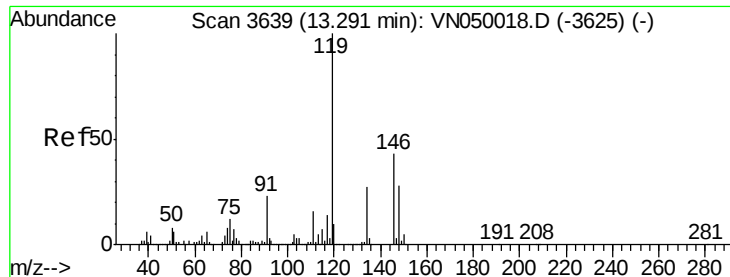
Tot Ion:105 Resp: 290254
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 7.58 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.13 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Tgt Ion:105 Resp: 290254
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

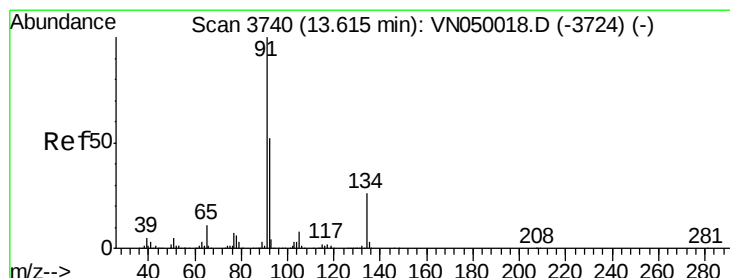
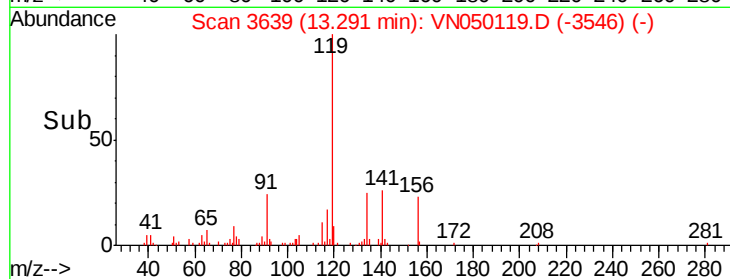
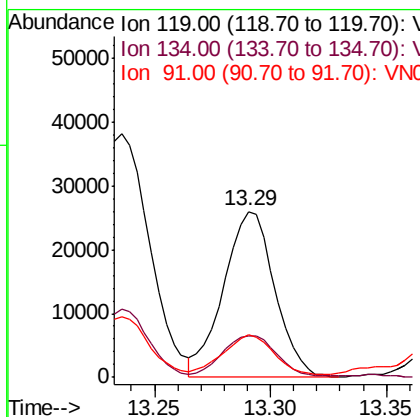
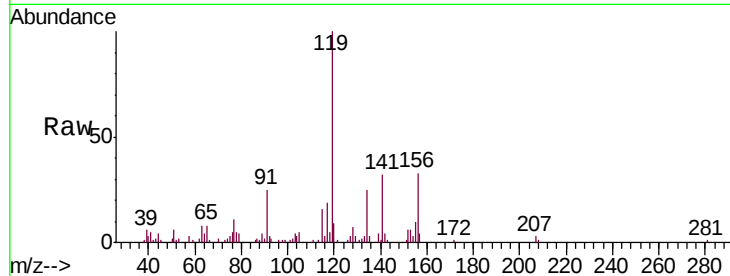




#86
 p-Isopropyltoluene
 Concen: 1.24 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

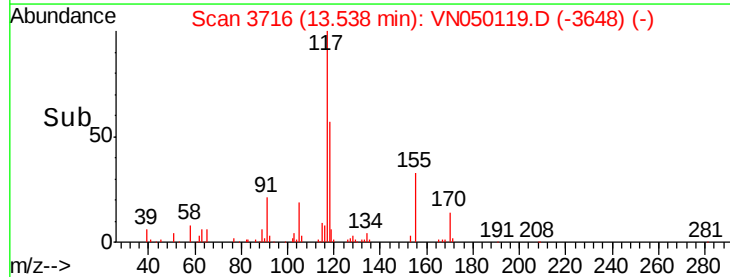
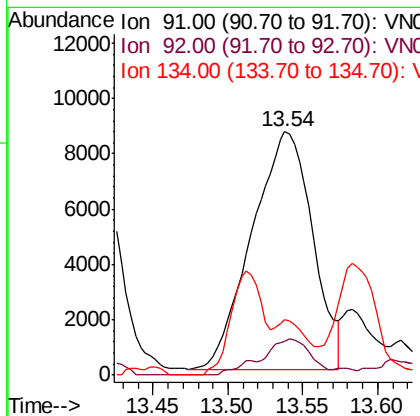
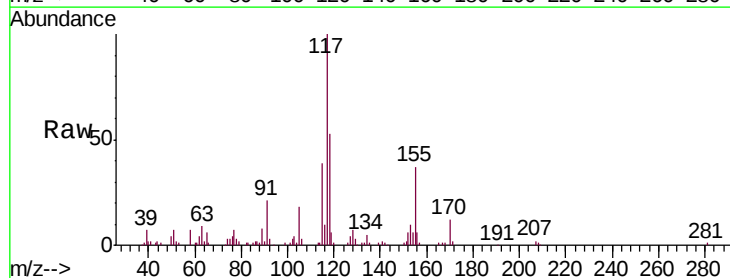
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

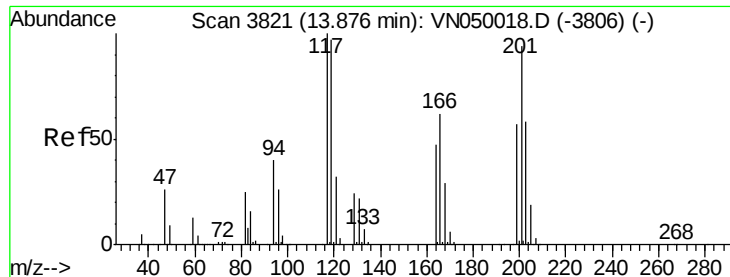
Tot Ion	119	Resp	39906
Ion Ratio	100	Lower	Upper
134	26.9	13.3	39.8
91	23.4	11.4	34.2



#89
 n-Butylbenzene
 Concen: 0.92 ug/l
 RT: 13.54 min Scan# 3716
 Delta R.T. -0.08 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Tgt Ion	91	Resp	24291
Ion Ratio	100	Lower	Upper
92	12.5	25.8	77.4#
134	0.0	12.8	38.4#





#90

Hexachloroethane

Concen: 1.03 ug/l

RT: 13.93 min Scan# 3839

Delta R.T. 0.06 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

Instrument :

MSVOA_N

ClientSampled :

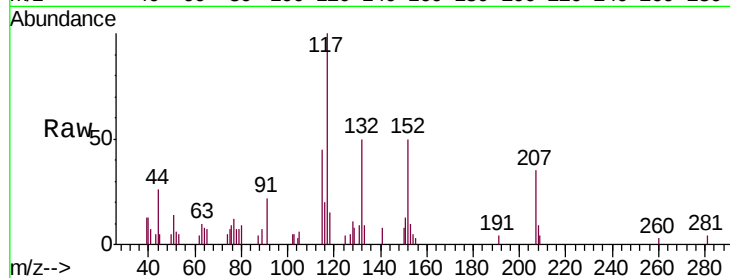
MW-7BD

Tot Ion:117 Resp: 7378

Ion Ratio Lower Upper

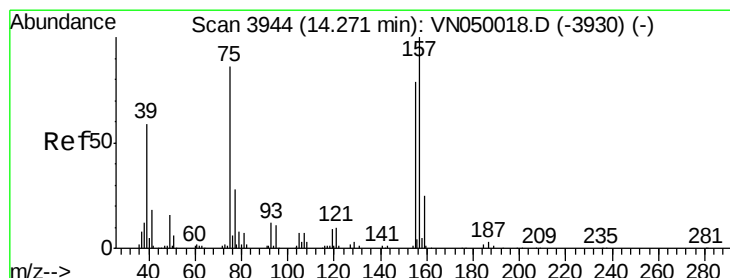
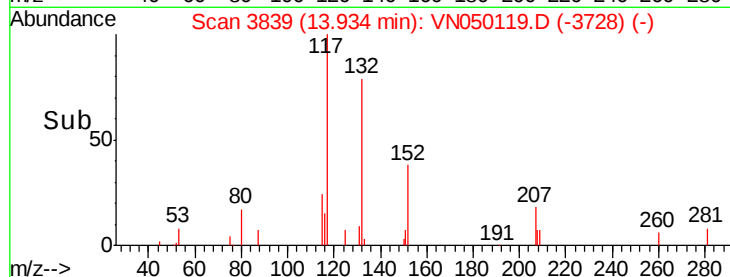
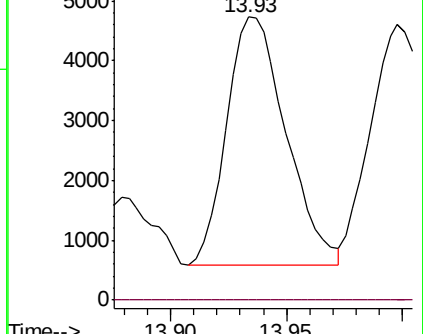
117 100

201 0.0 45.6 136.8#



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: 17.64 ug/l

RT: 14.51 min Scan# 4019

Delta R.T. 0.24 min

Lab File: VN050119.D

Acq: 27 Jul 2018 7:22

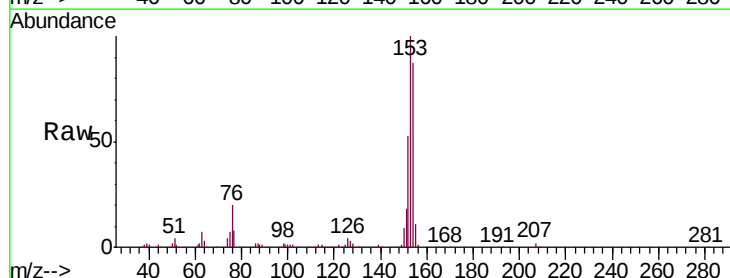
Tgt Ion: 75 Resp: 33774

Ion Ratio Lower Upper

75 100

155 157.8 44.8 134.4#

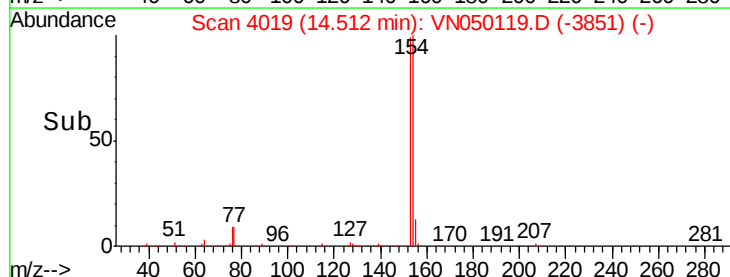
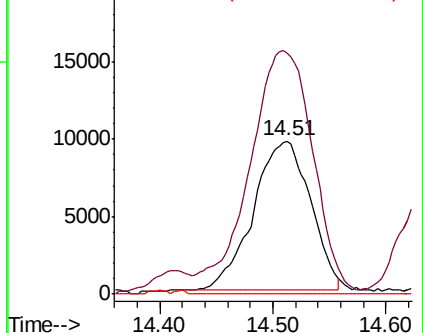
157 0.0 57.2 171.6#

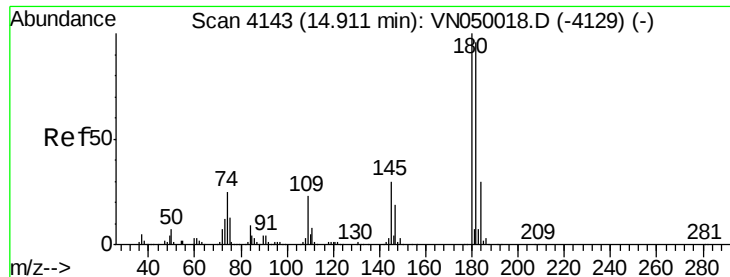


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

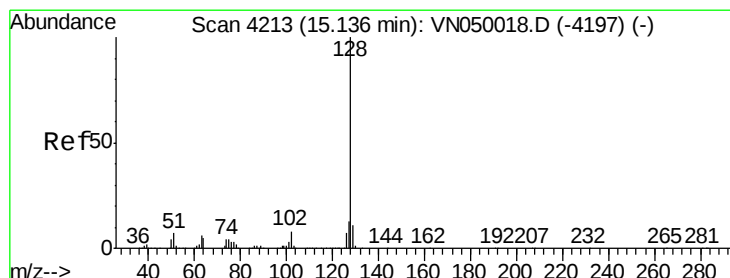
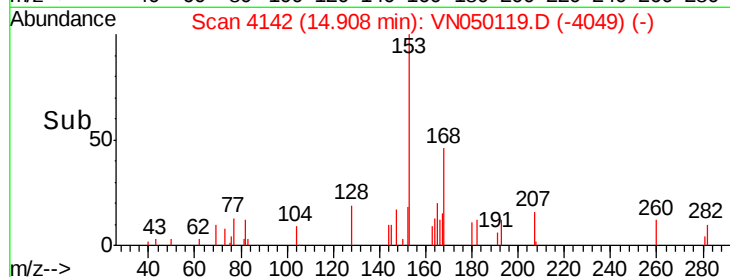
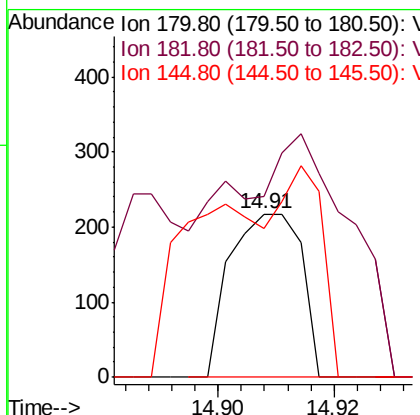
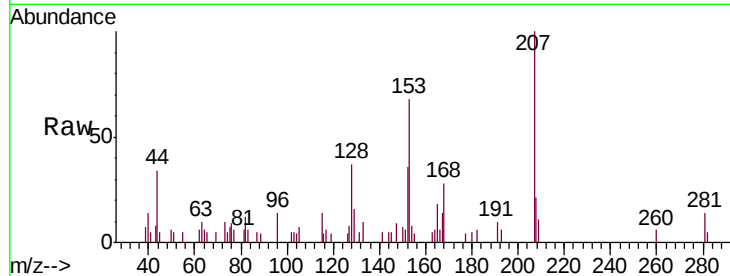




#93
 1,2,4-Trichlorobenzene
 Concen: 3.10 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

Tot Ion:180 Resp: 185
 Ion Ratio Lower Upper
 180 100
 182 255.7 46.7 140.1#
 145 79.5 13.8 41.4#



#95
 Naphthalene
 Concen: 271.14 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050119.D
 Acq: 27 Jul 2018 7:22

Tgt Ion:128 Resp: 7189818
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 10.8 8.8 13.2

