

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050365.D
 Acq On : 4 Aug 2018 14:32
 Operator : MD\SY
 Sample : J4328-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23

Quant Time: Aug 06 01:37:27 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	712751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1113909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1006497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	445328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	477214	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.59	113	419537	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	10.09	98	1548499	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	12.40	95	495654	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds				Qvalue		
3) Chloromethane	2.06	50	4565	0.41	ug/l	96
5) Bromomethane	2.57	94	4477	Below	Cal	85
11) Tert butyl alcohol	4.80	59	854	1.17	ug/l #	72
13) Acrolein	3.62	56	297	0.51	ug/l	87
14) Allyl chloride	4.53	41	6905	0.54	ug/l #	59
15) Acrylonitrile	5.04	53	772	0.24	ug/l #	17
16) Acetone	3.82	43	40580	13.21	ug/l	95
17) Carbon Disulfide	4.06	76	5338	0.21	ug/l #	85
18) Methyl Acetate	4.33	43	3434	Below	Cal	97
20) Methylene Chloride	4.55	84	2312	Below	Cal #	81
25) 2-Butanone	6.83	43	6539	1.72	ug/l #	76
27) cis-1,2-Dichloroethene	6.83	96	3711	0.40	ug/l	78
29) Tetrahydrofuran	7.22	42	2764	1.13	ug/l #	72
31) Cyclohexane	7.67	56	41437	2.96	ug/l #	54
36) 1,1-Dichloropropene	7.67	75	50498	4.02	ug/l #	48
37) Ethyl Acetate	6.83	43	6539	0.75	ug/l #	1
38) Carbon Tetrachloride	7.67	117	64541	4.85	ug/l #	16
39) Methylcyclohexane	9.08	83	12862	1.00	ug/l	90
40) Benzene	8.04	78	271671	7.11	ug/l	99
41) Methacrylonitrile	7.22	41	1419	3.04	ug/l #	34
43) Isopropyl Acetate	8.15	43	5181	Below	Cal #	61
49) 1,4-Dioxane	9.20	88	68	0.66	ug/l #	1
52) Toluene	10.16	92	9159	0.41	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	7684	0.86	ug/l #	18
56) Ethyl methacrylate	10.44	69	3444	2.30	ug/l #	4
59) 2-Hexanone	10.61	43	3737	5.75	ug/l	64
65) Chlorobenzene	11.44	112	8362108	328.91	ug/l	100
67) Ethyl Benzene	11.52	91	9212	0.23	ug/l	98
68) m/p-Xylenes	11.62	106	4539	0.29	ug/l	98
70) Styrene	11.95	104	260	0.93	ug/l #	1
71) Bromoform	12.40	173	3328	0.47	ug/l #	1
73) Isopropylbenzene	12.25	105	36653	1.06	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.49	83	60	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	241031	29.12	ug/l #	100

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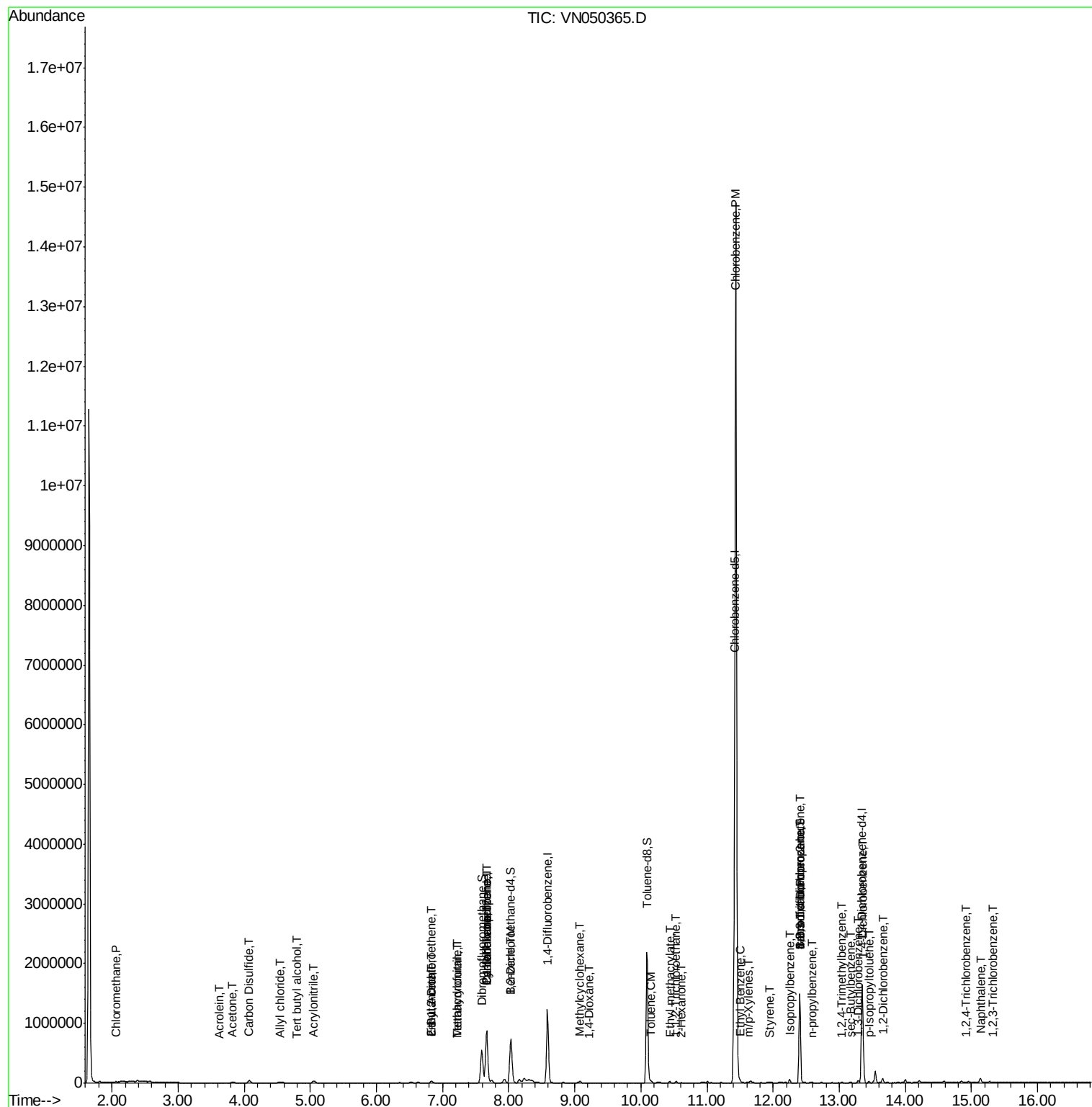
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.59	91	10989	0.28	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	241031	92.38	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	5710	0.21	ug/l	96
85) sec-Butylbenzene	13.17	105	10155	0.32	ug/l	79
86) p-Isopropyltoluene	13.44	119	5537	0.21	ug/l	87
87) 1,3-Dichlorobenzene	13.28	146	16394	1.01	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	168777	10.67	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	27840	1.72	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.28	75	336	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	420	3.13	ug/l #	1
95) Naphthalene	15.14	128	64887	7.32	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	99	2.22	ug/l #	1

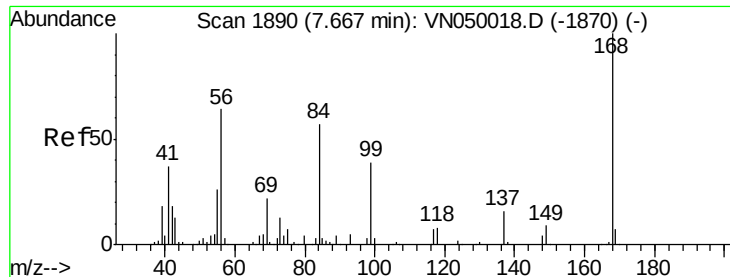
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

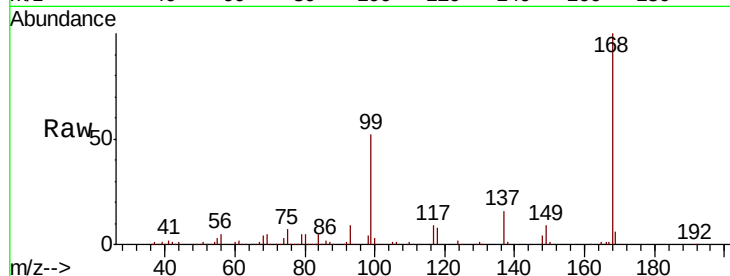
MW-23

Tot Ion:168 Resp: 712751

Ion Ratio Lower Upper

168 100

99 51.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

200000

100000

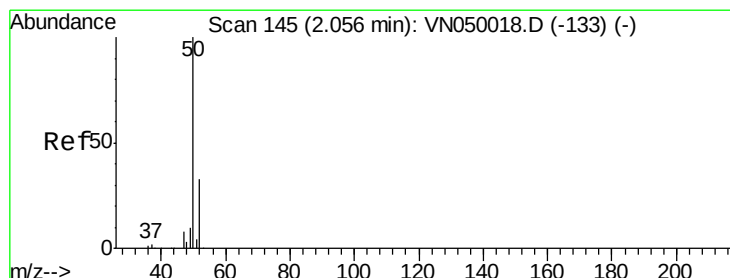
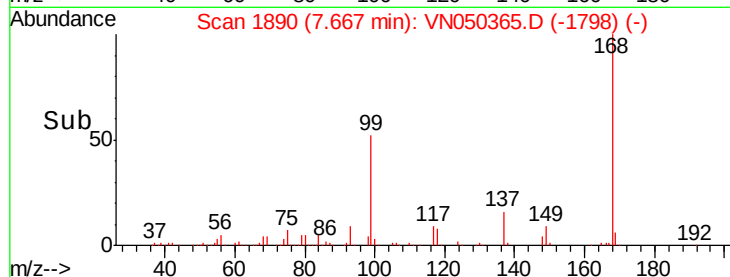
0

Time-->

7.60

7.70

7.80



#3

Chloromethane

Concen: 0.41 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050365.D

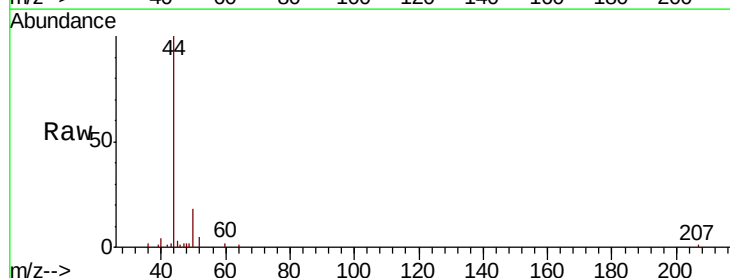
Acq: 4 Aug 2018 14:32

Tgt Ion: 50 Resp: 4565

Ion Ratio Lower Upper

50 100

52 30.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

3000

2000

1000

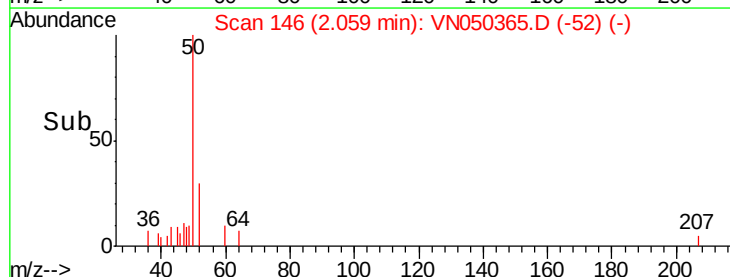
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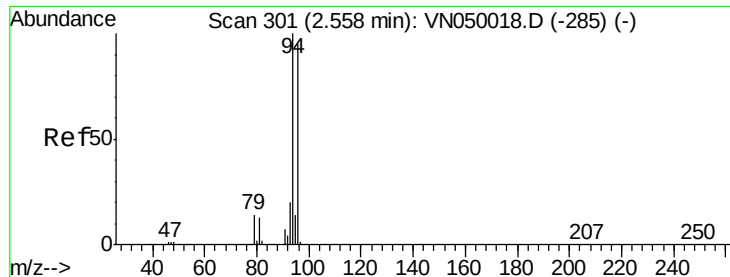
Time-->

2.00

2.05

2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

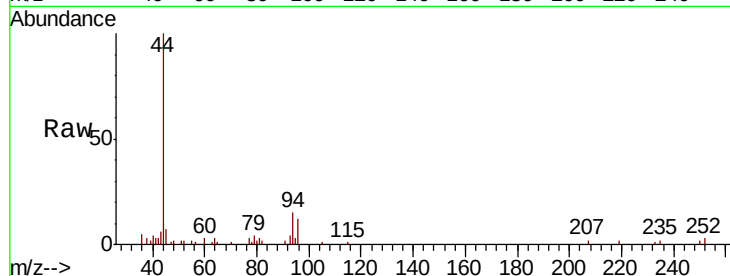
MW-23

Tot Ion: 94 Resp: 4477

Ion Ratio Lower Upper

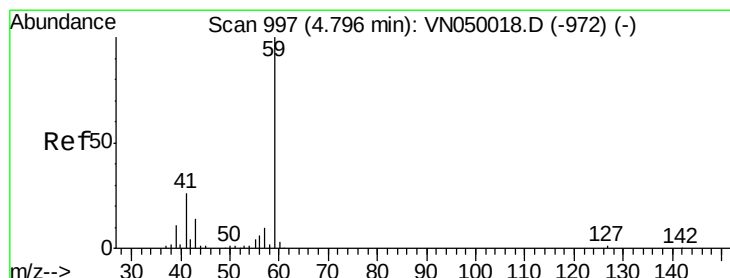
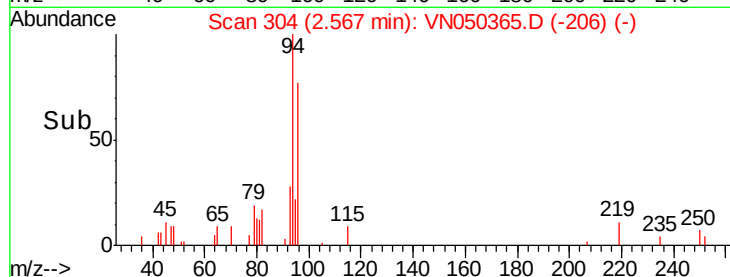
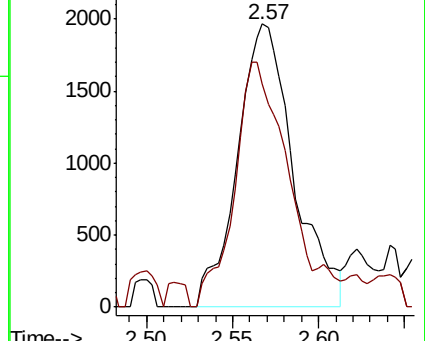
94 100

96 78.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 1.17 ug/l

RT: 4.80 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN050365.D

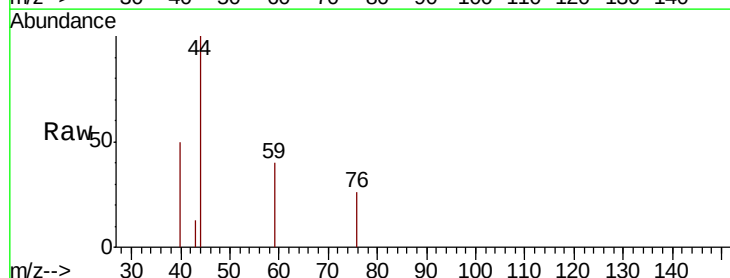
Acq: 4 Aug 2018 14:32

Tgt Ion: 59 Resp: 854

Ion Ratio Lower Upper

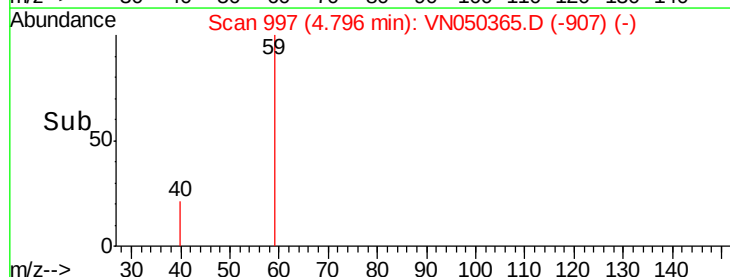
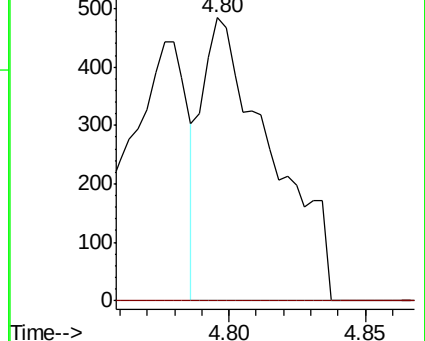
59 100

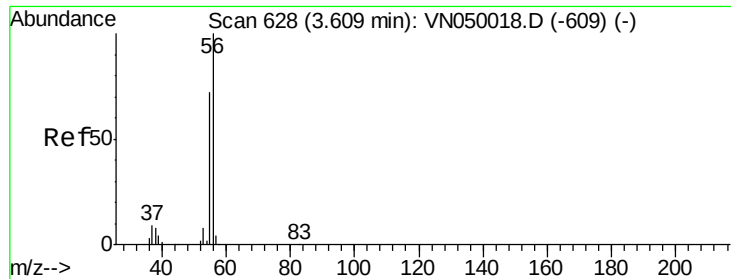
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.51 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

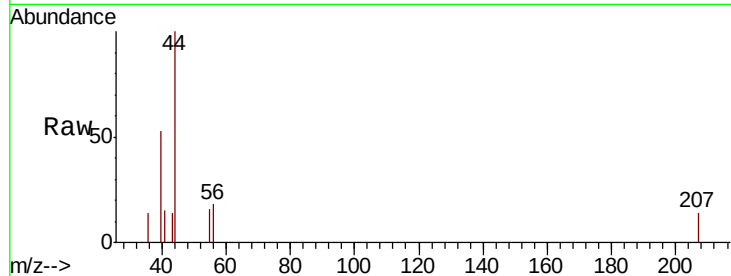
MW-23

Tot Ion: 56 Resp: 297

Ion Ratio Lower Upper

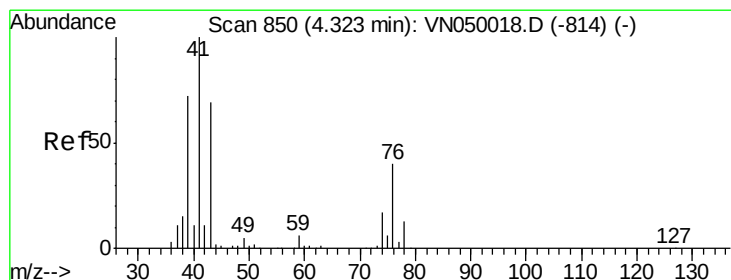
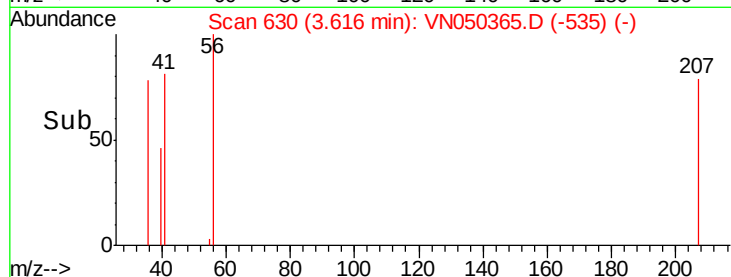
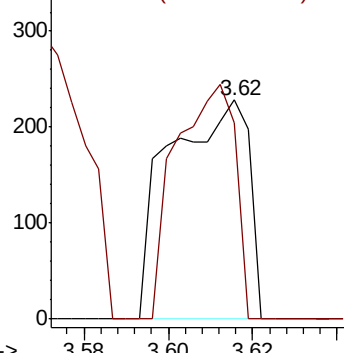
56 100

55 80.5 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.54 ug/l

RT: 4.53 min Scan# 915

Delta R.T. 0.21 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

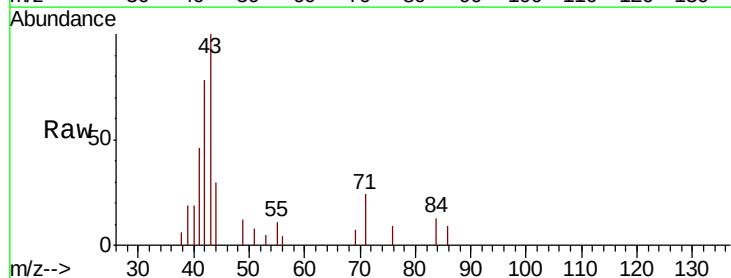
Tgt Ion: 41 Resp: 6905

Ion Ratio Lower Upper

41 100

39 43.8 54.2 81.4#

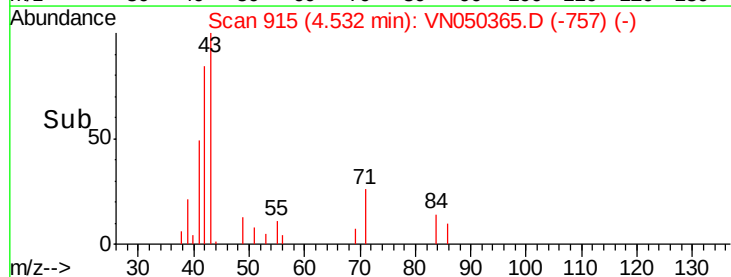
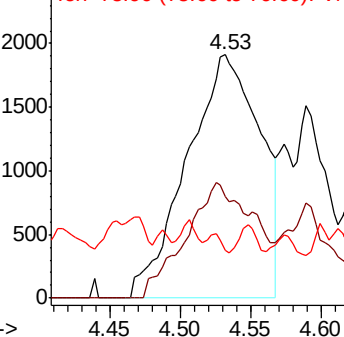
76 0.0 29.0 43.6#

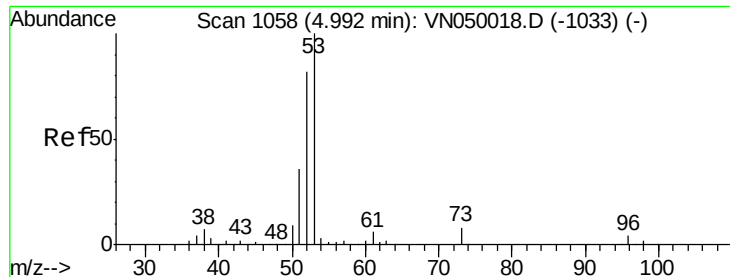


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 0.24 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.05 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

MW-23

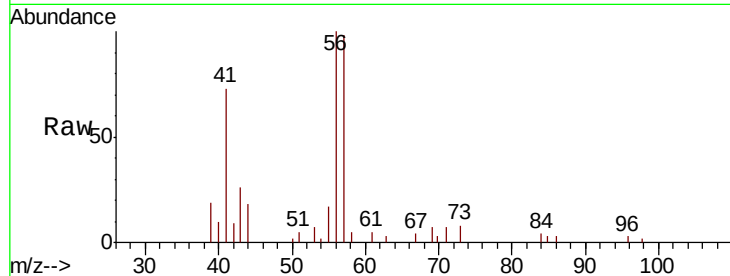
Tot Ion: 53 Resp: 772

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

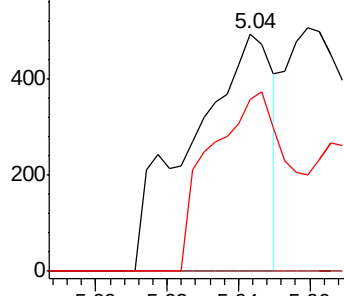
51 74.4 29.3 43.9#



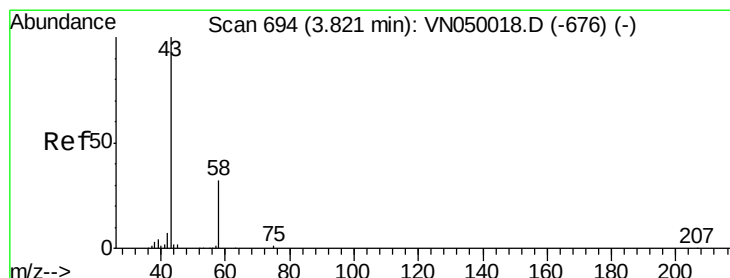
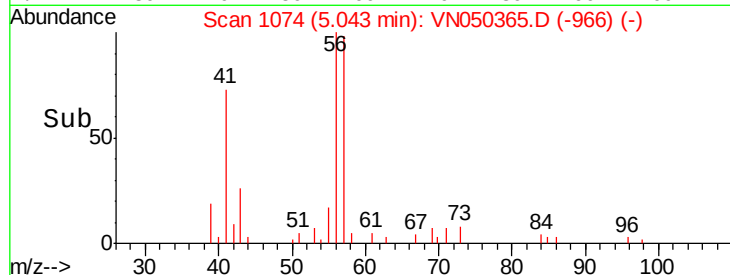
Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->



#16

Acetone

Concen: 13.21 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050365.D

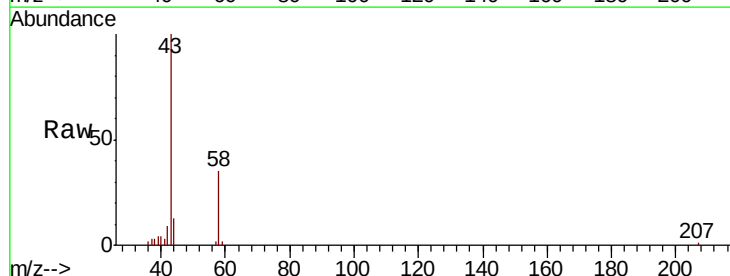
Acq: 4 Aug 2018 14:32

Tgt Ion: 43 Resp: 40580

Ion Ratio Lower Upper

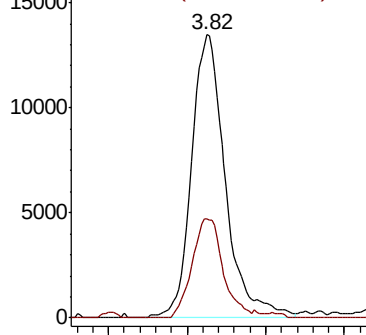
43 100

58 35.0 25.8 38.8

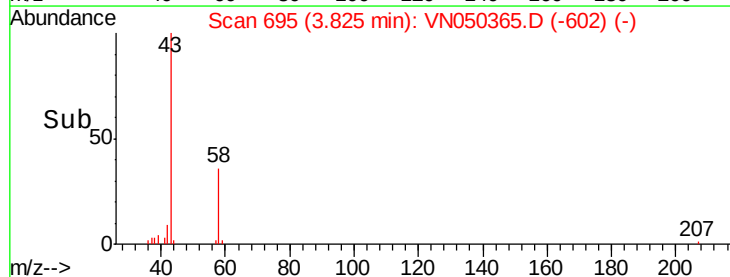


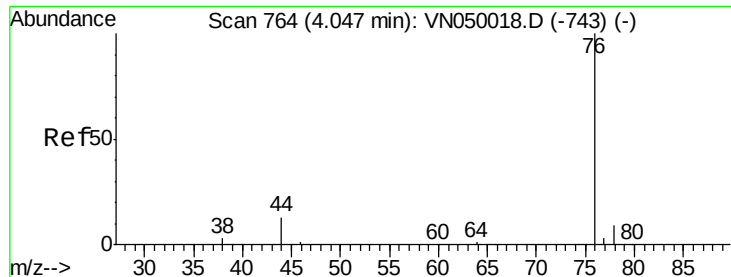
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#17

Carbon Disulfide

Concen: 0.21 ua/l

RT: 4.06 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

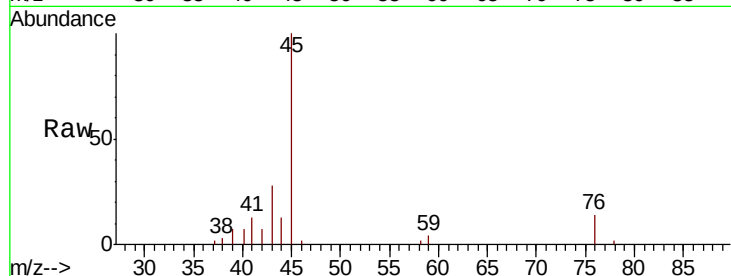
MW-23

Tot Ion: 76 Resp: 5338

Ion Ratio Lower Upper

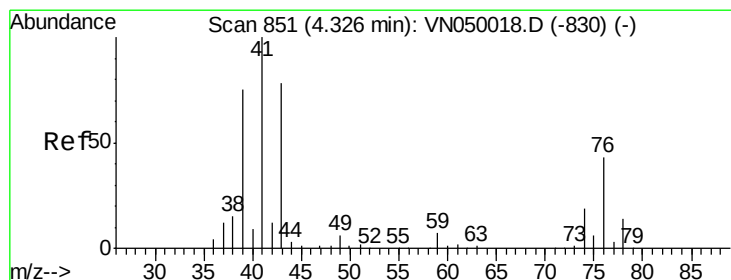
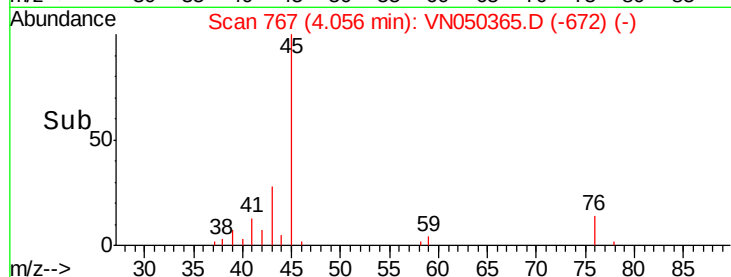
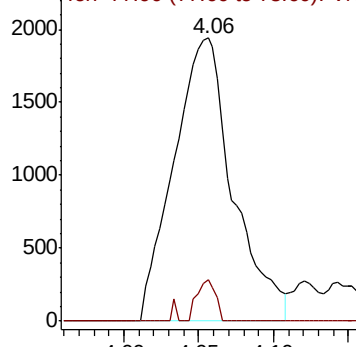
76 100

78 14.7 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 852

Delta R.T. -0.00 min

Lab File: VN050365.D

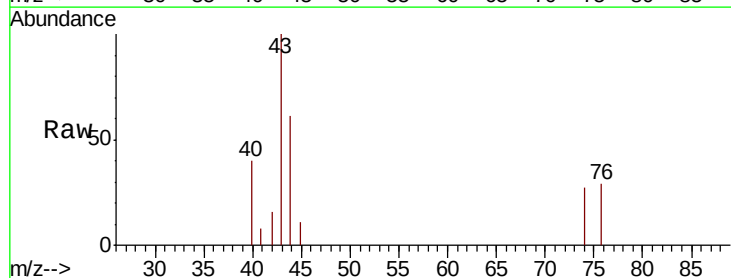
Acq: 4 Aug 2018 14:32

Tgt Ion: 43 Resp: 3434

Ion Ratio Lower Upper

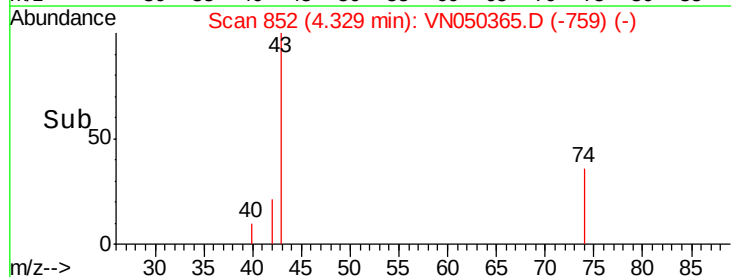
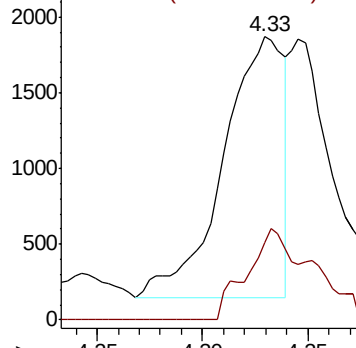
43 100

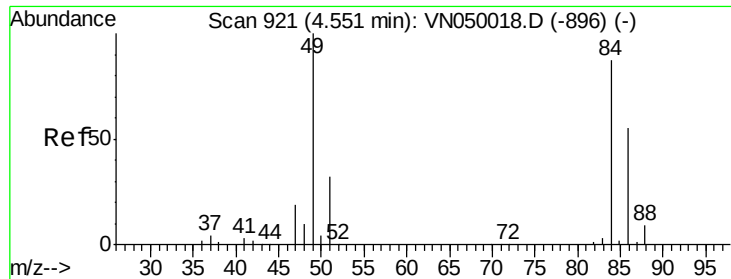
74 25.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

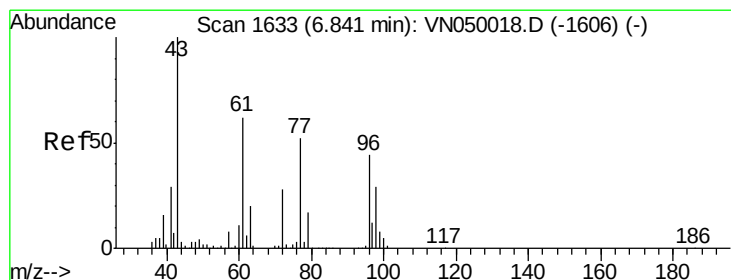
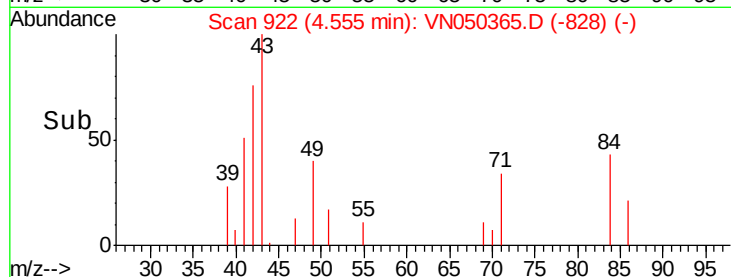
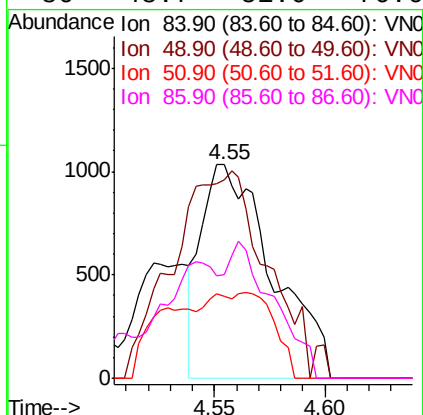
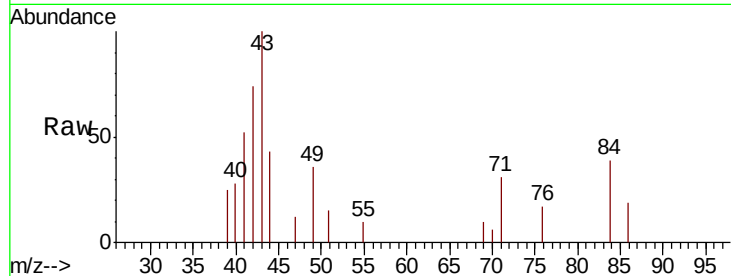




#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

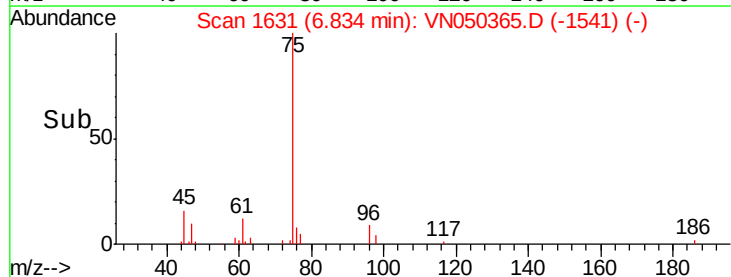
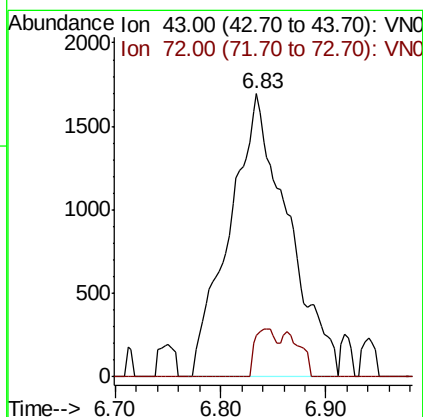
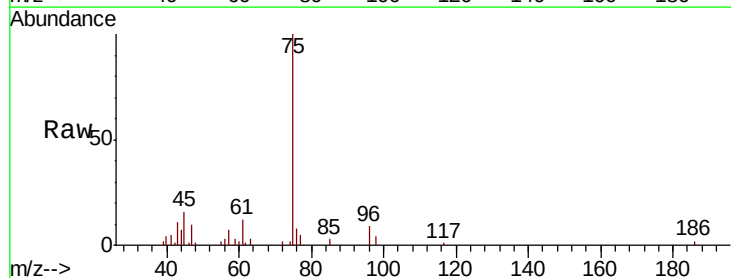
Instrument :
MSVOA_N
ClientSampled :
MW-23

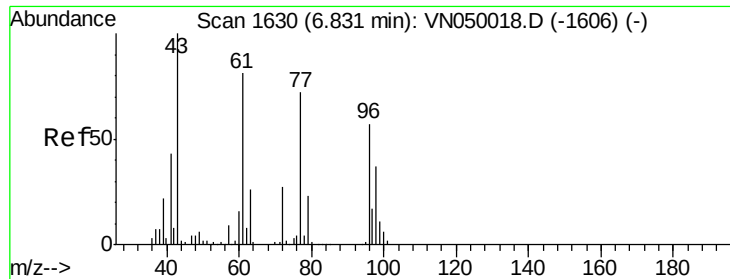
Tot Ion: 84 Resp: 2312
Ion Ratio Lower Upper
84 100
49 92.7 94.8 142.2#
51 38.6 28.3 42.5
86 48.7 51.0 76.6#



#25
2-Butanone
Concen: 1.72 ug/l
RT: 6.83 min Scan# 1631
Delta R.T. -0.01 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

Tgt Ion: 43 Resp: 6539
Ion Ratio Lower Upper
43 100
72 14.5 21.5 32.3#

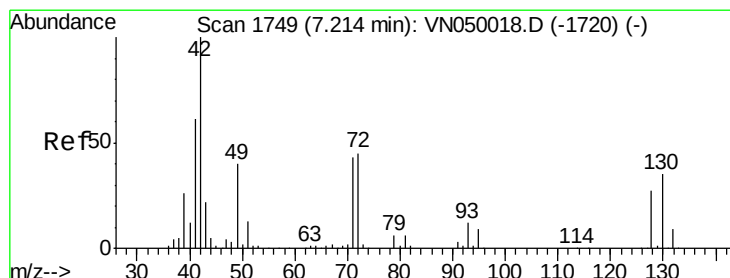
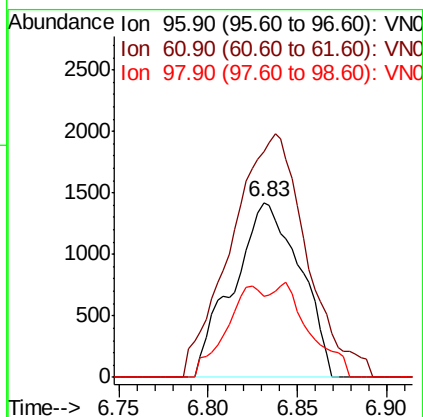
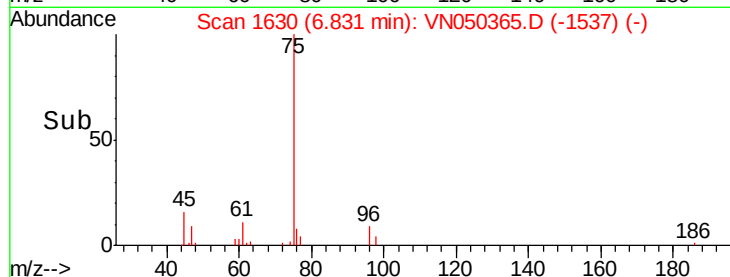
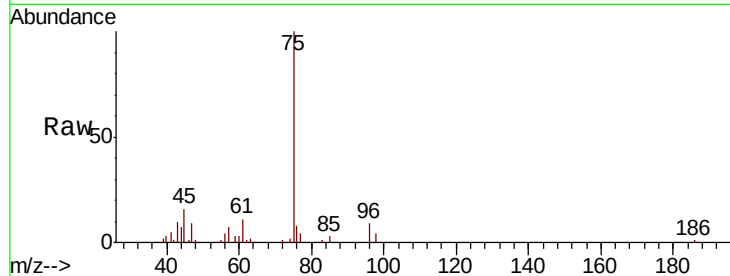




#27
 cis-1,2-Dichloroethene
 Concen: 0.40 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

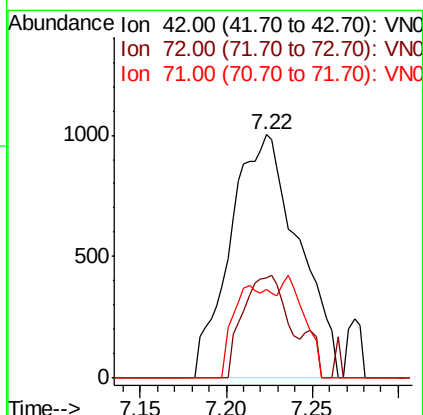
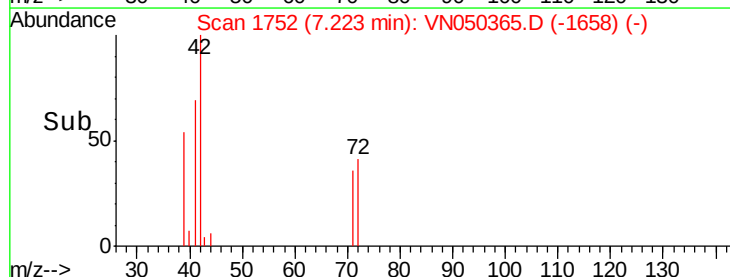
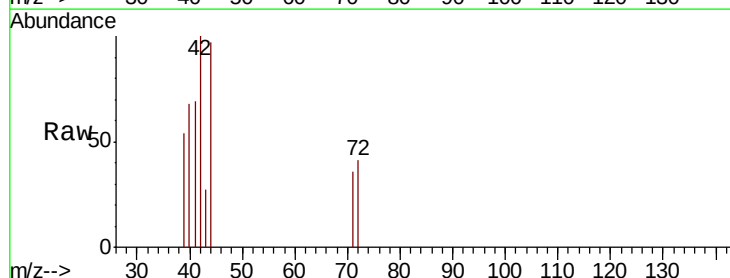
Instrument :
 MSVOA_N
 ClientSampled :
 MW-23

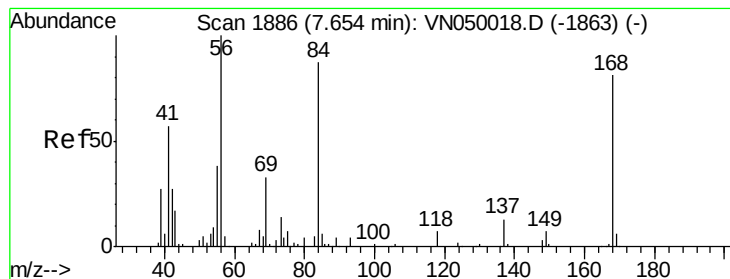
Tot Ion: 96 Resp: 3711
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 285.0
 98 29.1 0.0 129.2



#29
 Tetrahydrofuran
 Concen: 1.13 ug/l
 RT: 7.22 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Tgt Ion: 42 Resp: 2764
 Ion Ratio Lower Upper
 42 100
 72 27.4 35.9 53.9#
 71 23.0 33.7 50.5#





#31

Cyclohexane

Concen: 2.96 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampleId :

MW-23

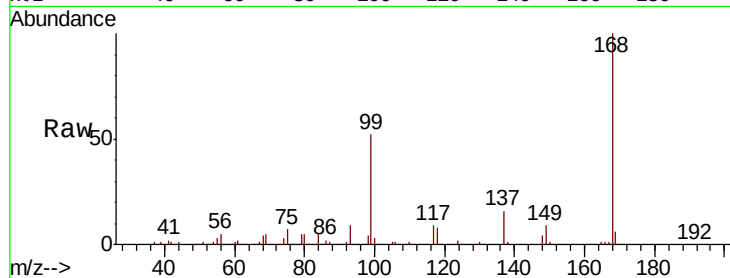
Tot Ion: 56 Resp: 41437

Ion Ratio Lower Upper

56 100

69 91.6 26.2 39.4#

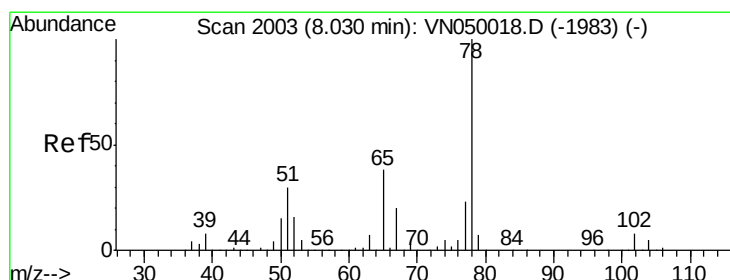
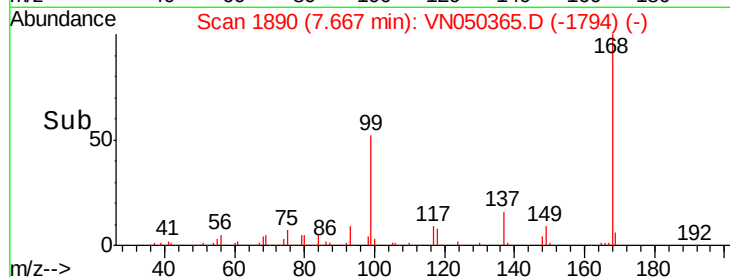
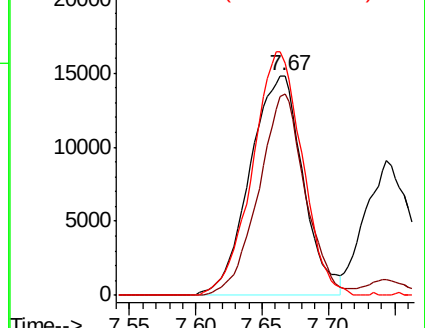
84 106.0 67.4 101.0#



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: 47.99 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050365.D

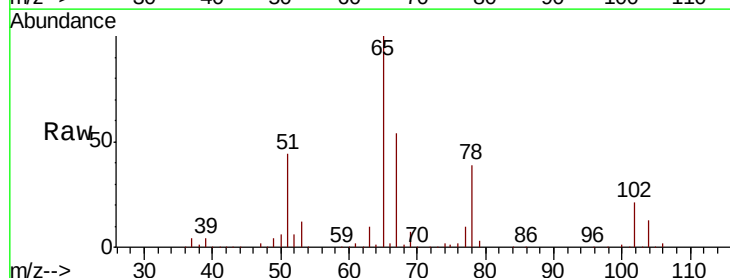
Acq: 4 Aug 2018 14:32

Tgt Ion: 65 Resp: 477214

Ion Ratio Lower Upper

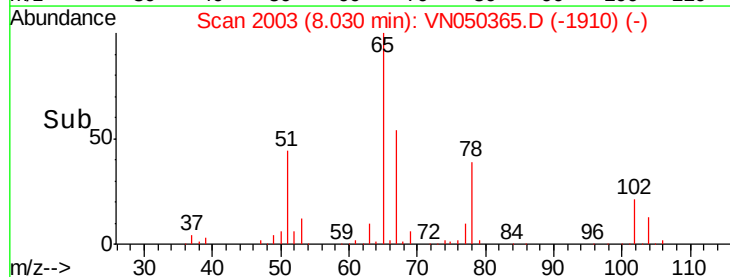
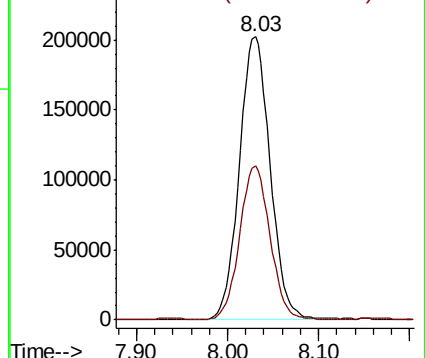
65 100

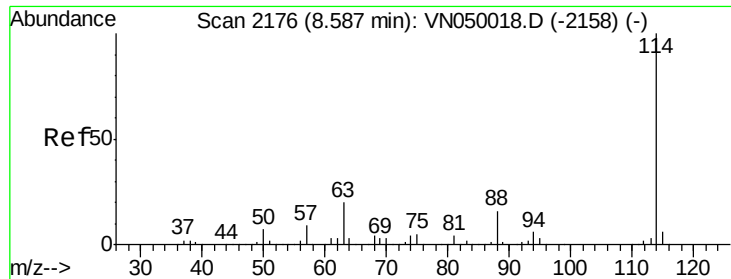
67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



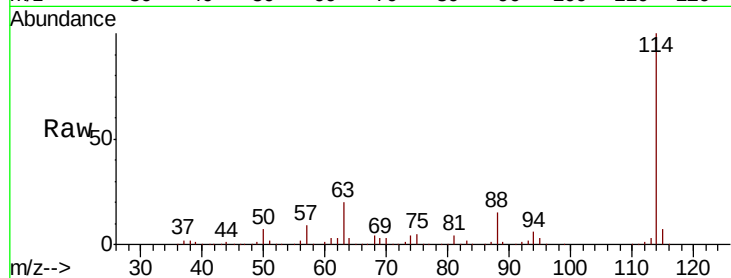


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

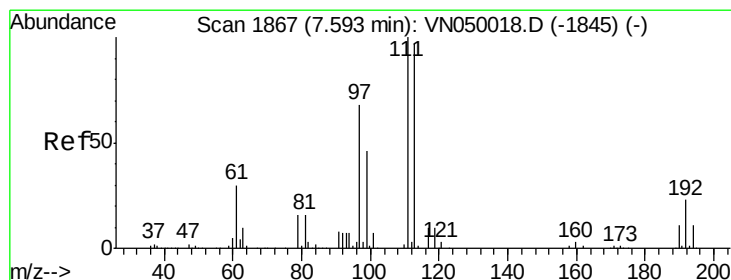
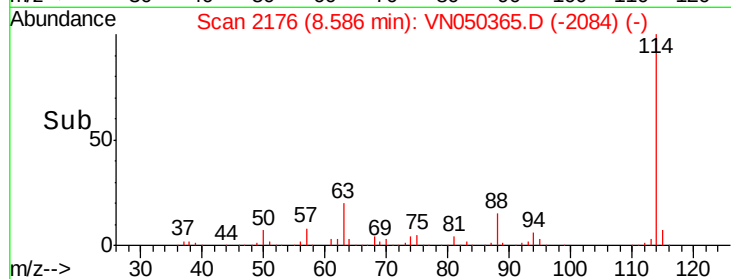
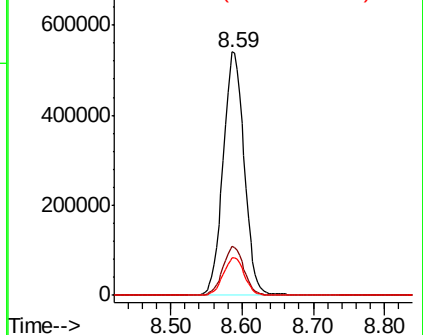
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23

Tot Ion:114 Resp: 1113909

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.4	0.0	31.2



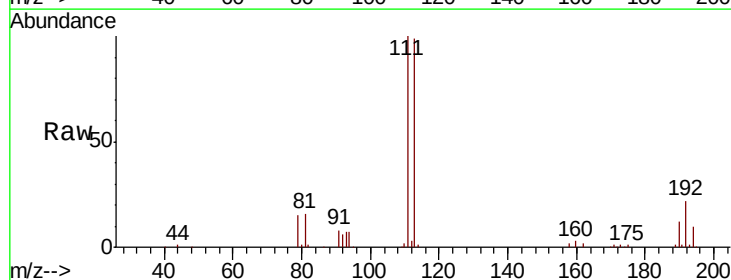
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



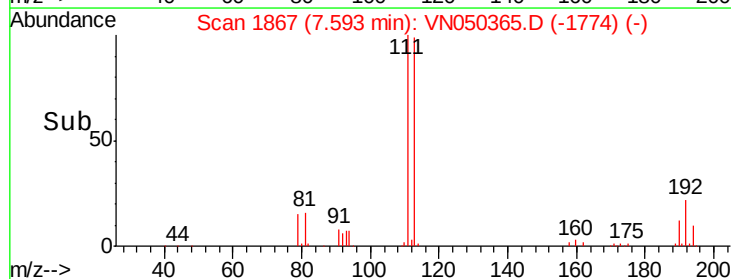
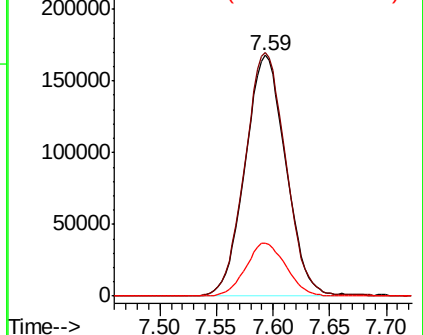
#35
 Dibromofluoromethane
 Concen: 46.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

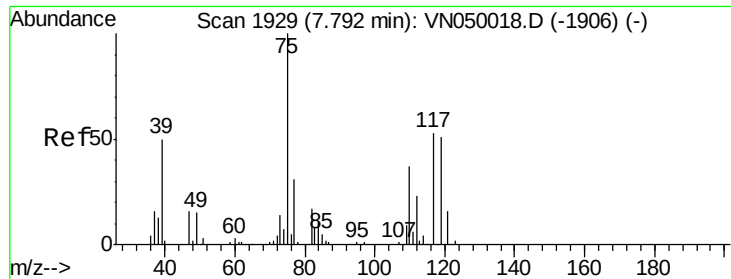
Tgt Ion:113 Resp: 419537

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	21.8	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

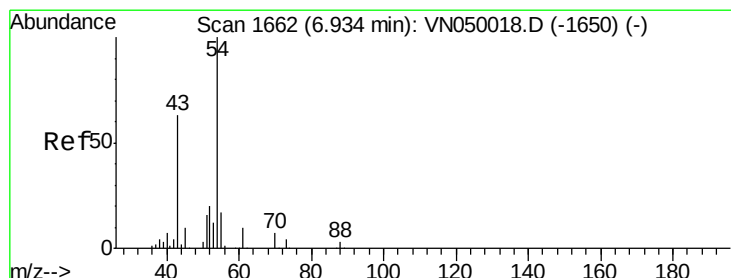
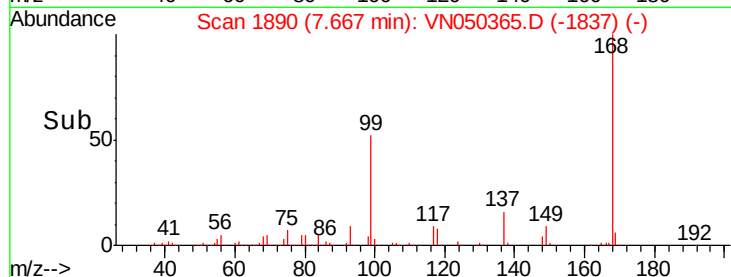
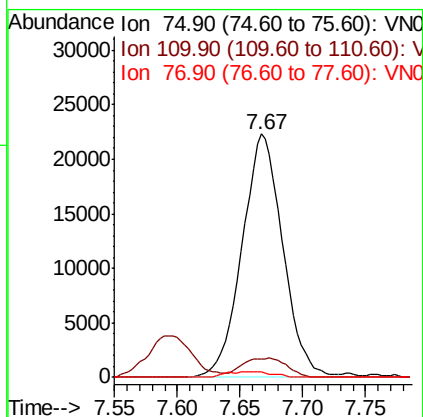
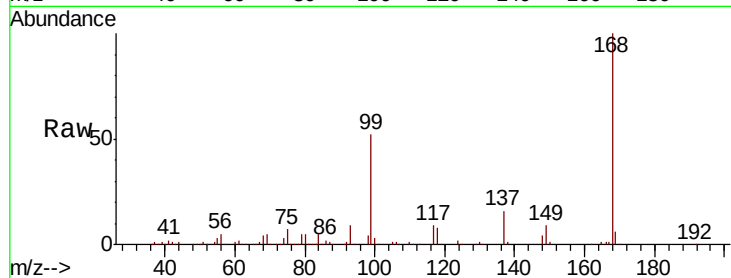




#36
 1,1-Dichloropropene
 Concen: 4.02 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

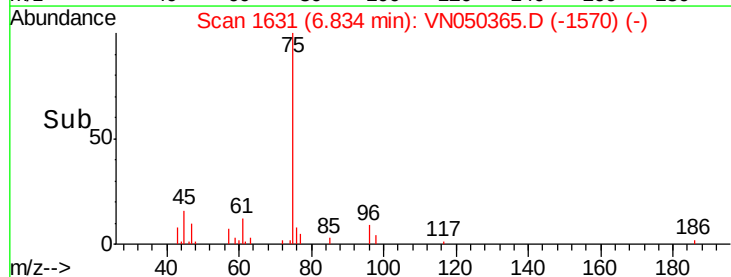
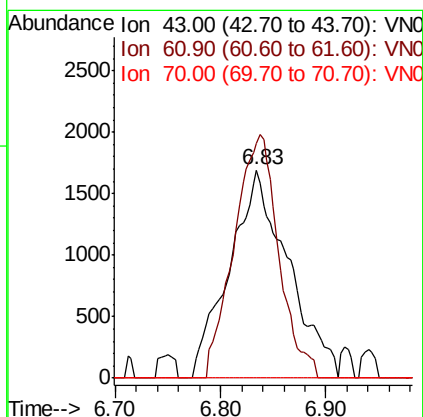
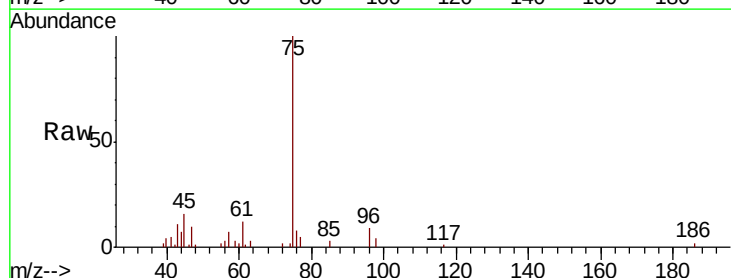
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23

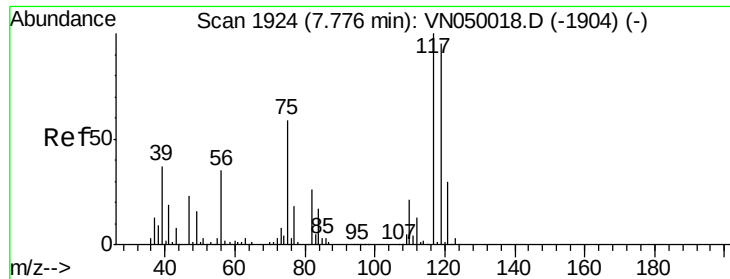
Tot Ion: 75 Resp: 50498
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 0.75 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. -0.10 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Tgt Ion: 43 Resp: 6539
 Ion Ratio Lower Upper
 43 100
 61 88.9 11.8 17.8#
 70 0.0 8.4 12.6#

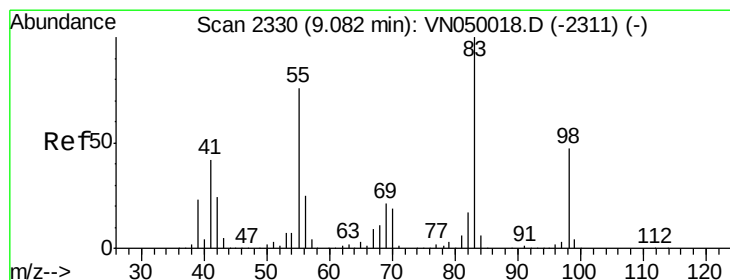
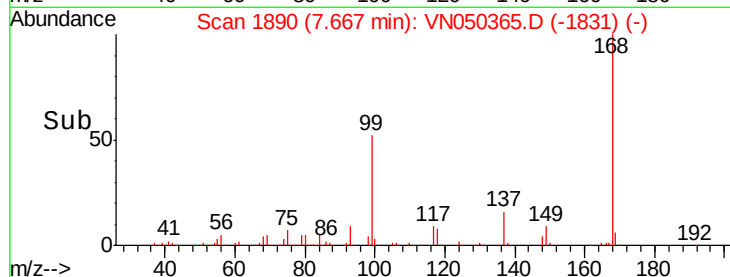
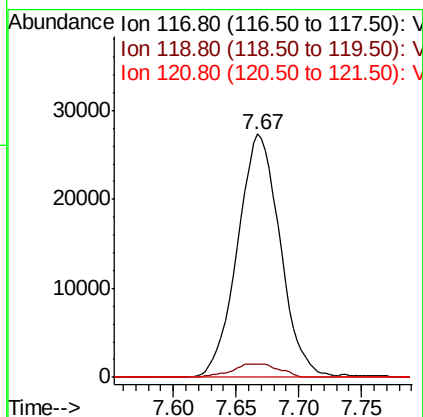
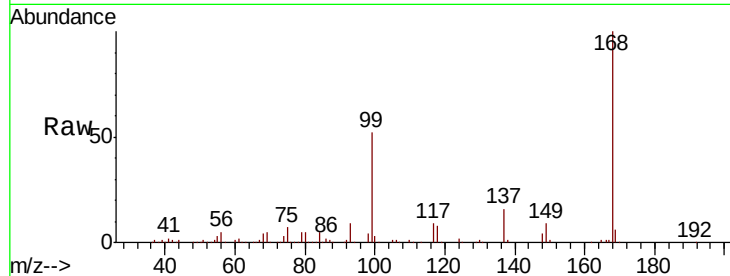




#38
Carbon Tetrachloride
Concen: 4.85 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

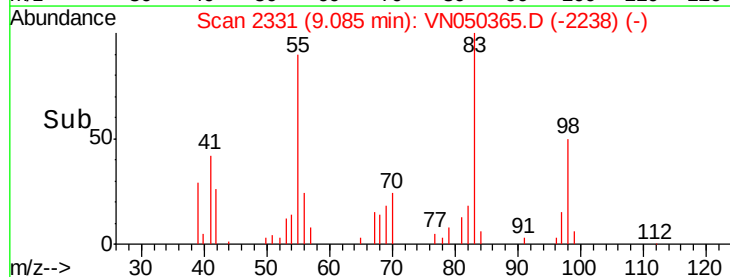
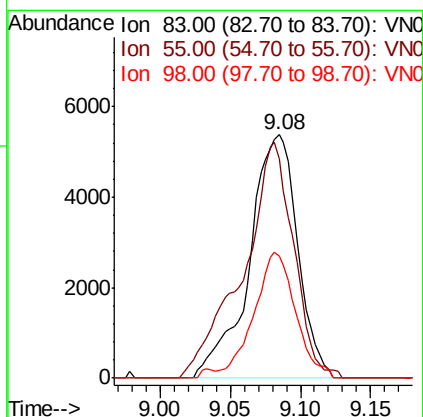
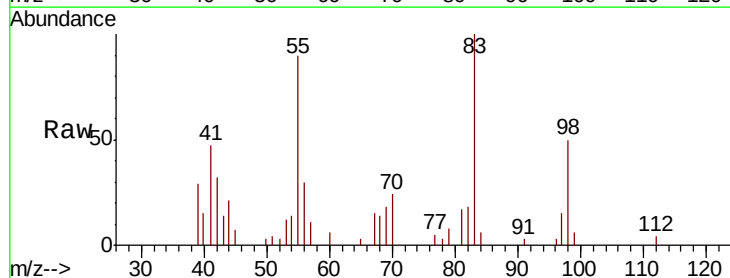
Instrument :
MSVOA_N
ClientSampled :
MW-23

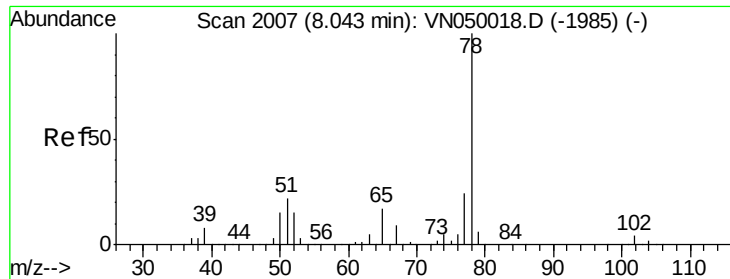
Tot Ion:117 Resp: 64541
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 1.00 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

Tgt Ion: 83 Resp: 12862
Ion Ratio Lower Upper
83 100
55 87.5 61.8 92.8
98 50.1 36.5 54.7





#40

Benzene

Concen: 7.11 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

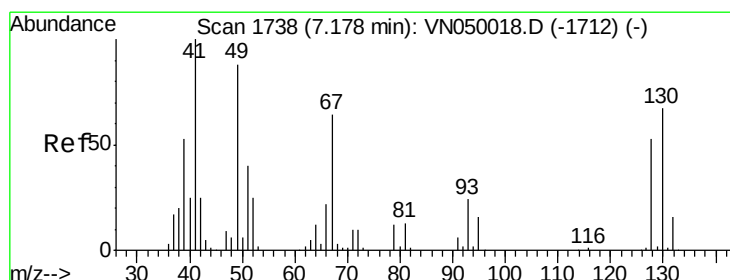
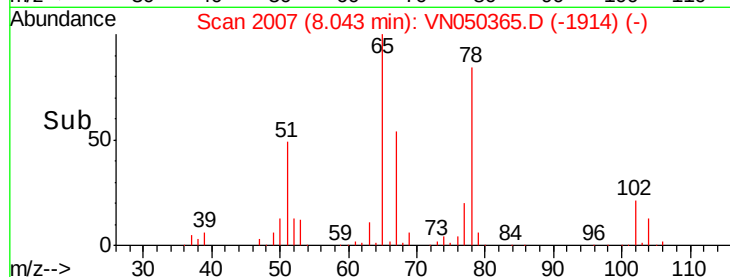
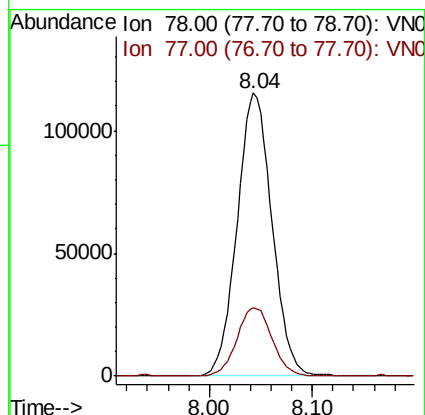
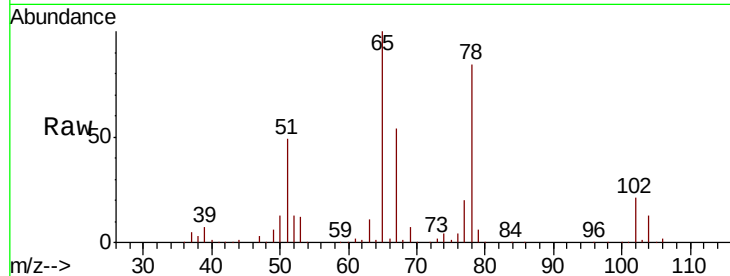
MW-23

Tot Ion: 78 Resp: 271671

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1



#41

Methacrylonitrile

Concen: 3.04 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.05 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Tgt Ion: 41 Resp: 1419

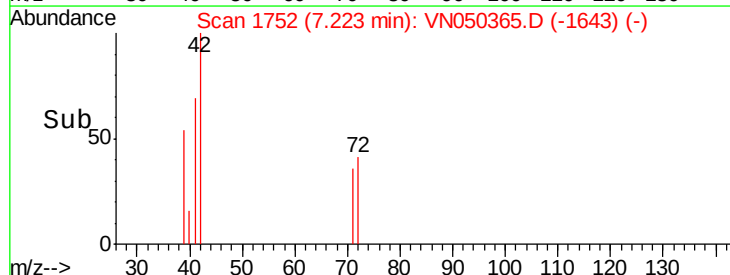
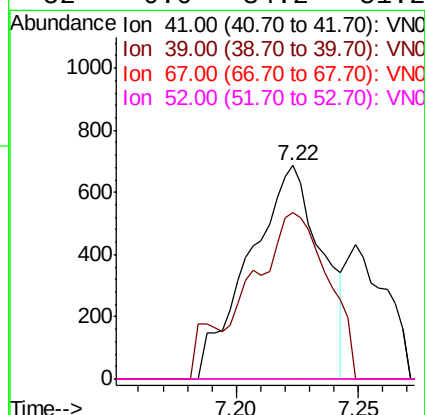
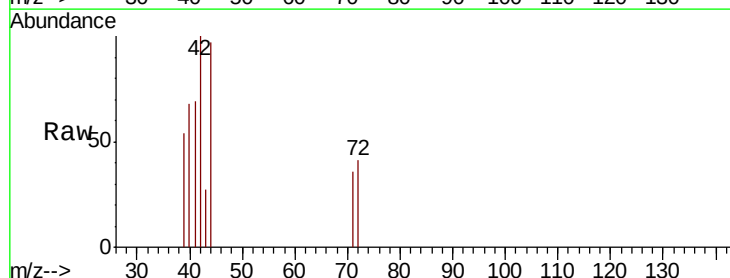
Ion Ratio Lower Upper

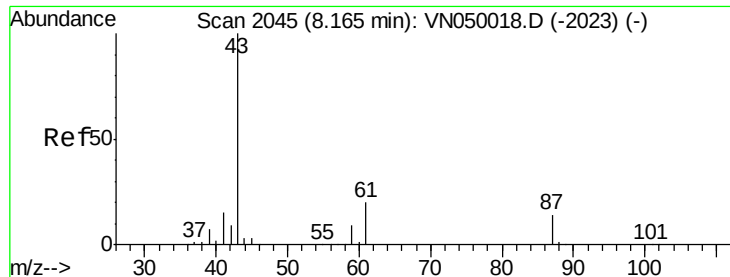
41 100

39 78.4 55.8 83.6

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



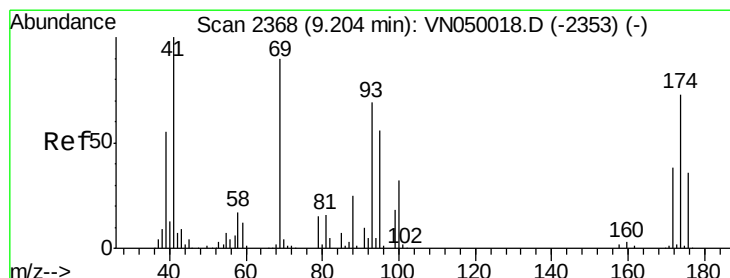
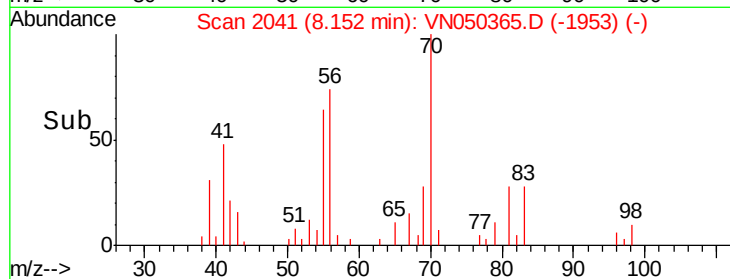
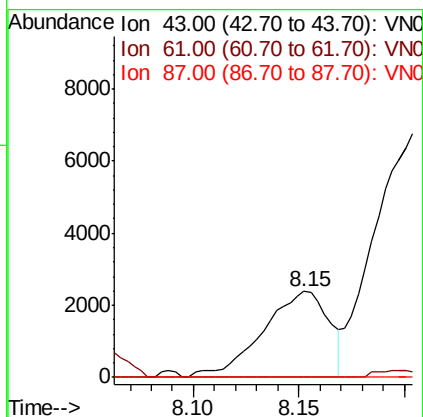
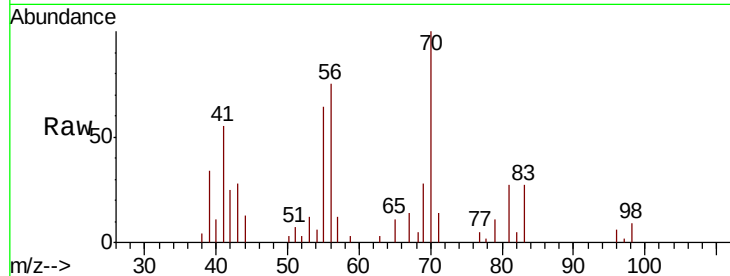


#43

Isopropyl Acetate
 Concen: Below Cal
 RT: 8.15 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Instrument :
 MSVOA_N
 ClientSampled :
 MW-23

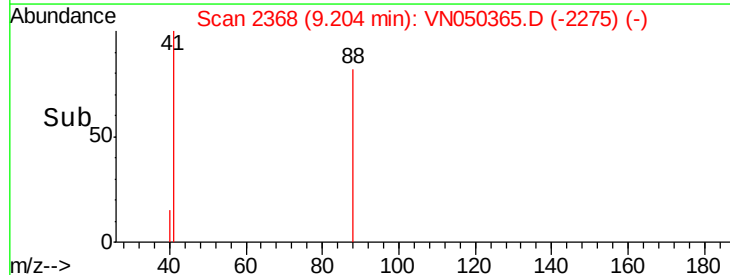
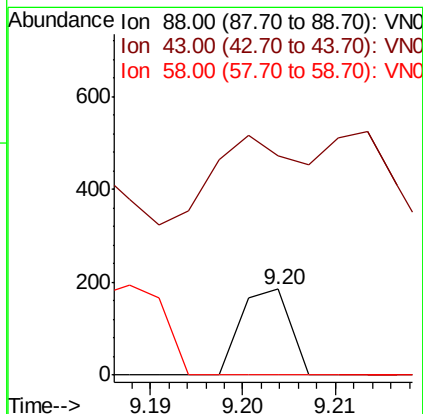
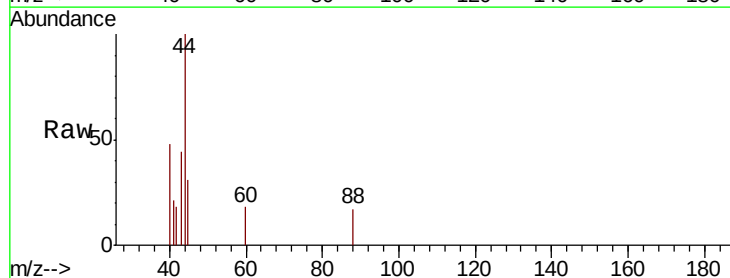
Tot Ion: 43 Resp: 5181
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.8 23.6#
 87 0.0 10.3 15.5#

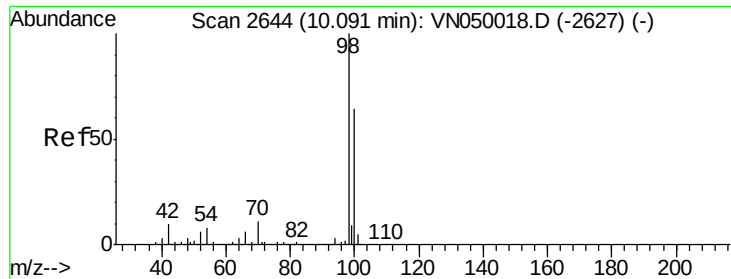


#49

1,4-Dioxane
 Concen: 0.66 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 43 182.4 26.9 40.3#
 58 0.0 57.3 85.9#





#50

Toluene-d8

Concen: 46.31 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampleId :

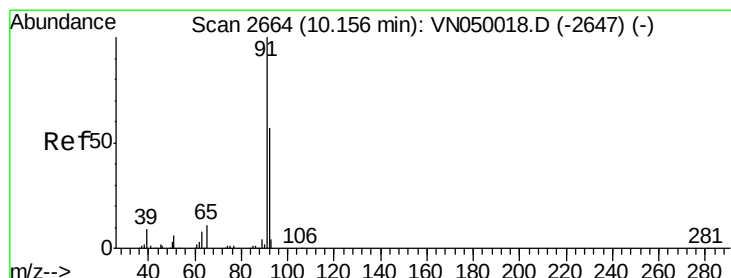
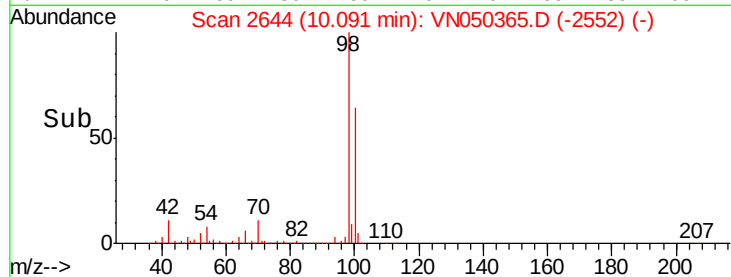
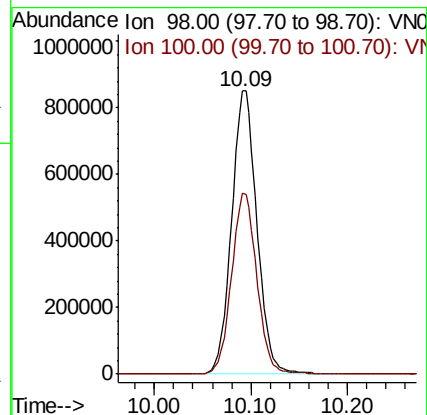
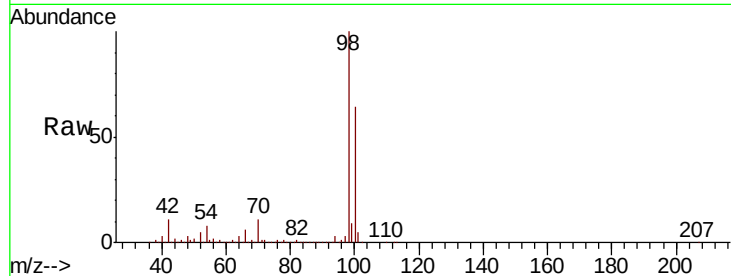
MW-23

Tot Ion: 98 Resp: 1548499

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#52

Toluene

Concen: 0.41 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050365.D

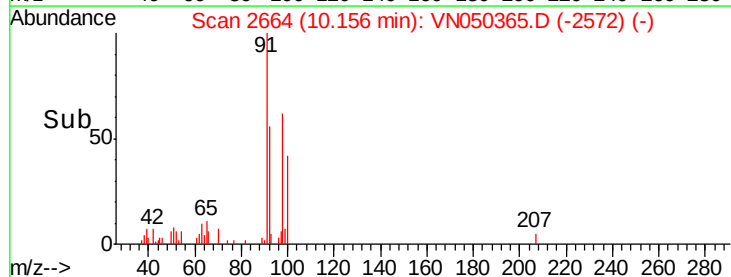
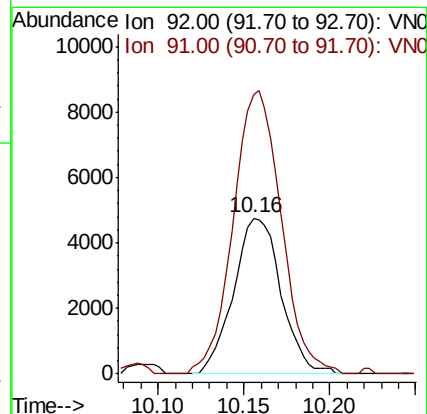
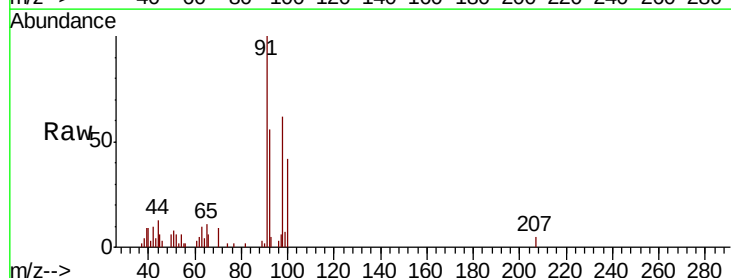
Acq: 4 Aug 2018 14:32

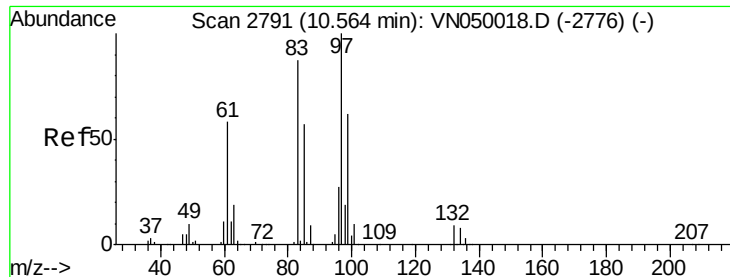
Tgt Ion: 92 Resp: 9159

Ion Ratio Lower Upper

92 100

91 183.8 140.3 210.5

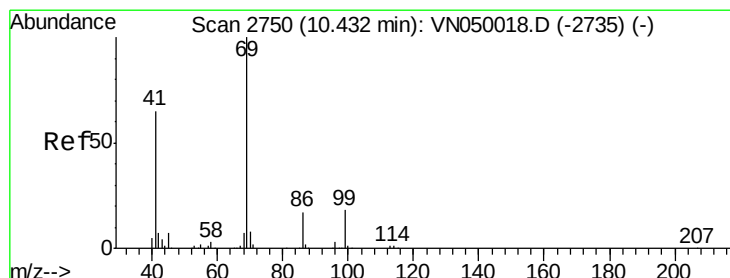
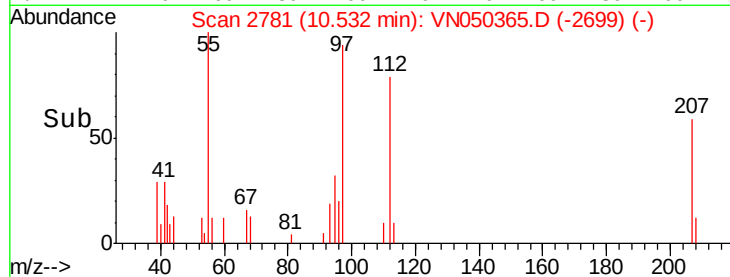
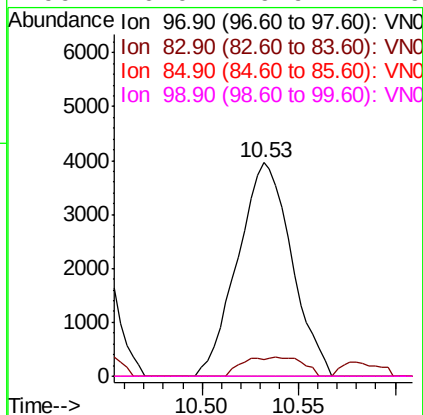
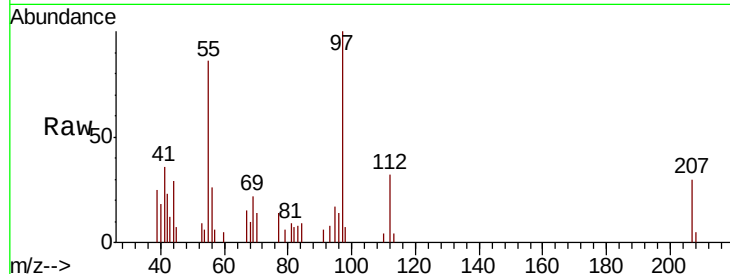




#55
 1,1,2-Trichloroethane
 Concen: 0.86 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. -0.04 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

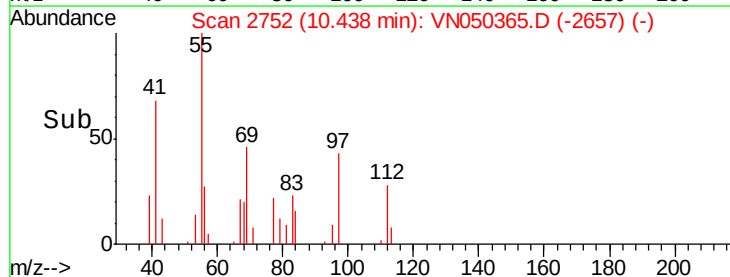
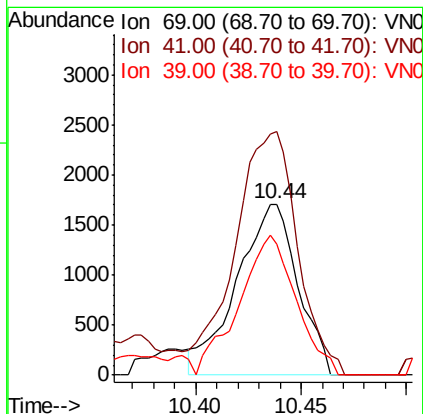
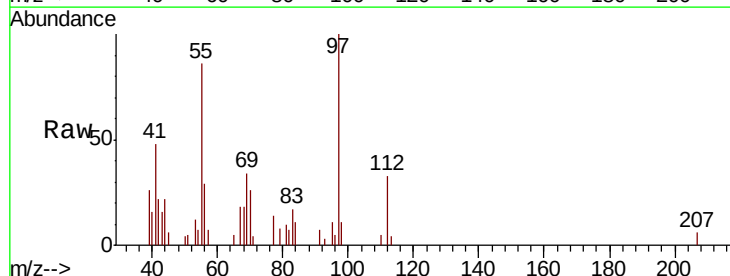
Instrument :
 MSVOA_N
 ClientSampled :
 MW-23

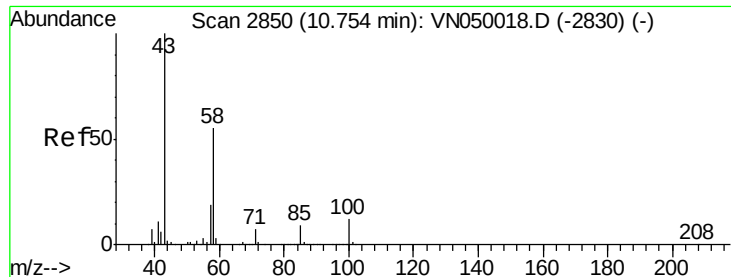
Tot Ion: 97 Resp: 7684
 Ion Ratio Lower Upper
 97 100
 83 7.6 69.2 103.8#
 85 0.0 44.0 66.0#
 99 0.0 49.9 74.9#



#56
 Ethyl methacrylate
 Concen: 2.30 ug/l
 RT: 10.44 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Tgt Ion: 69 Resp: 3444
 Ion Ratio Lower Upper
 69 100
 41 147.4 51.0 76.4#
 39 76.3 26.6 40.0#

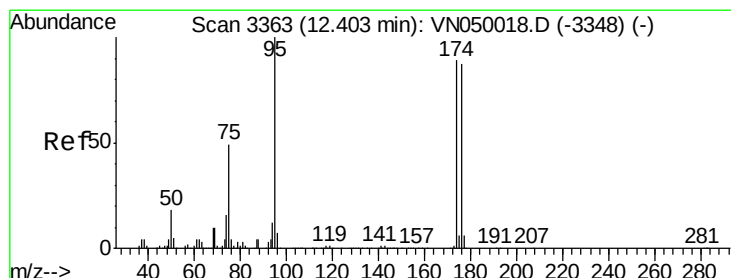
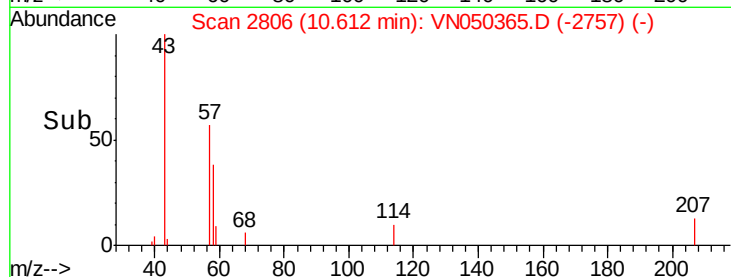
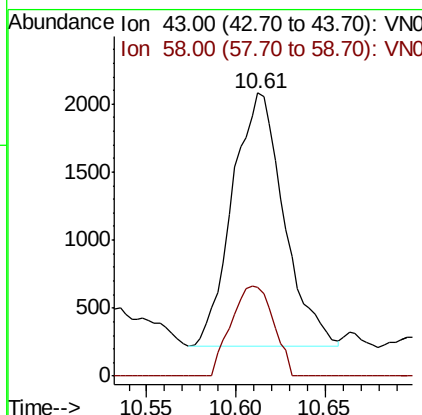
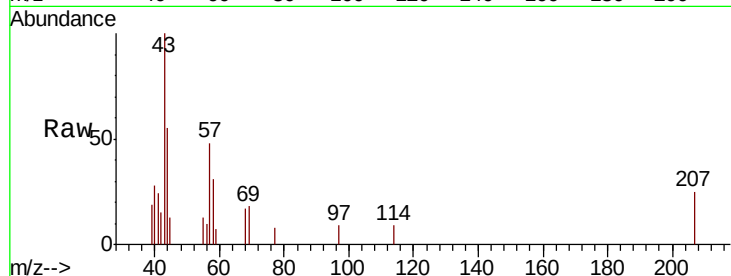




#59
2-Hexanone
Concen: 5.75 ug/l
RT: 10.61 min Scan# 2806
Delta R.T. -0.14 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

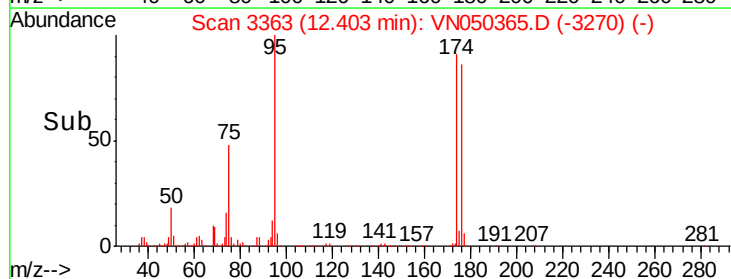
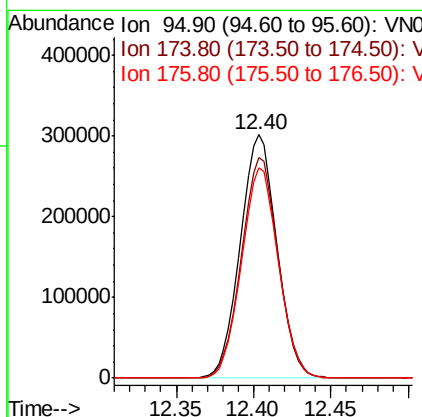
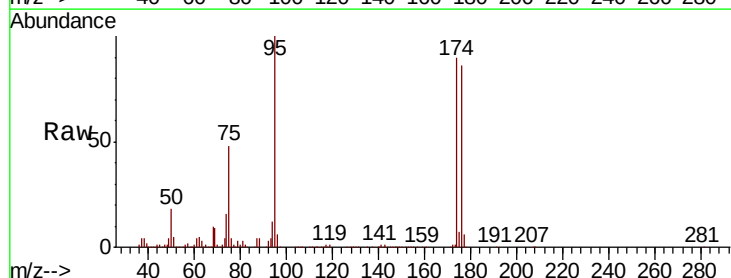
Instrument :
MSVOA_N
ClientSampled :
MW-23

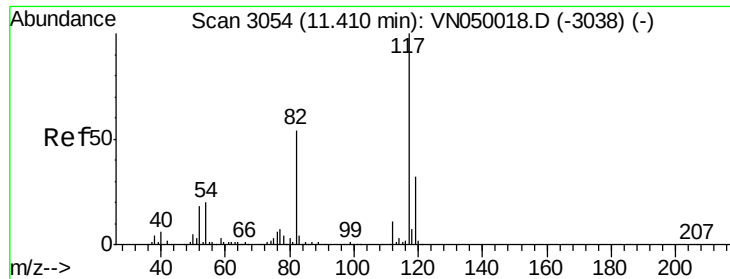
Tot Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
58 29.3 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 45.02 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

Tgt Ion: 95 Resp: 495654
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 87.4 0.0 173.4

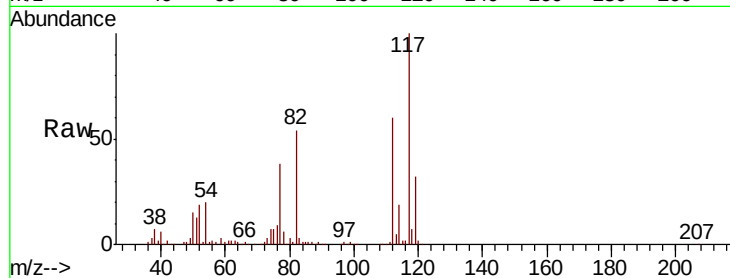




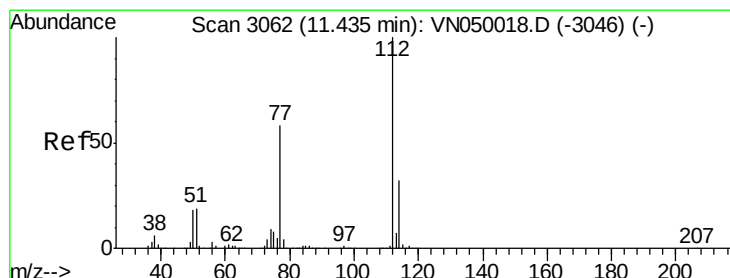
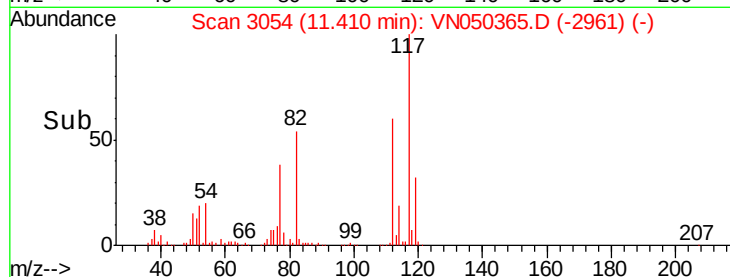
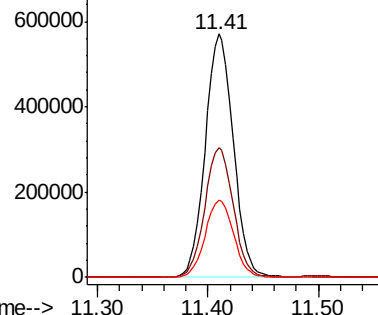
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

Instrument :
MSVOA_N
ClientSampleId :
MW-23

Tot Ion:117 Resp: 1006497
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 31.8 26.1 39.1

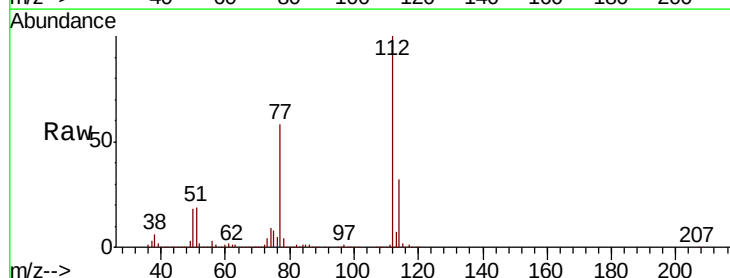


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

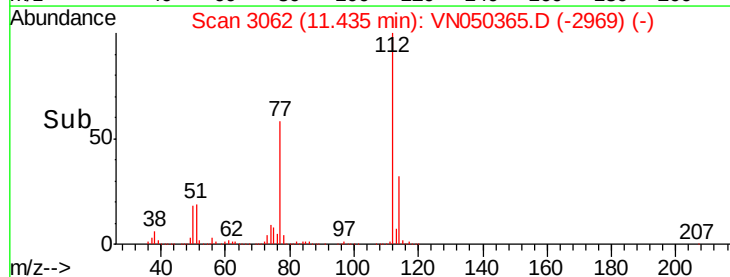
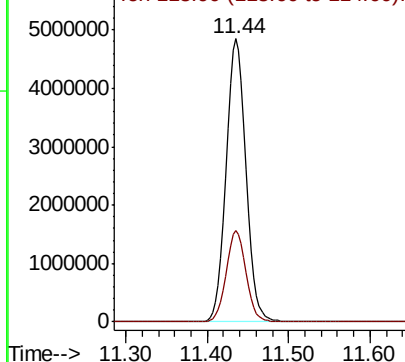


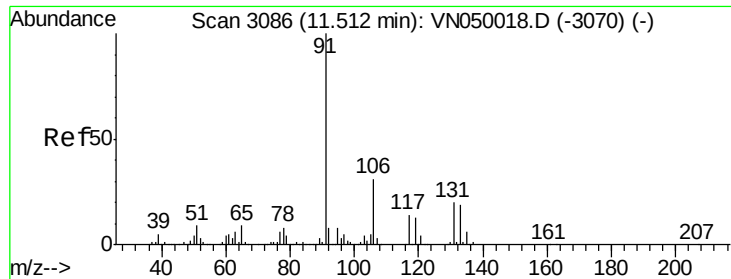
#65
Chlorobenzene
Concen: 328.91 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

Tgt Ion:112 Resp: 8362108
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

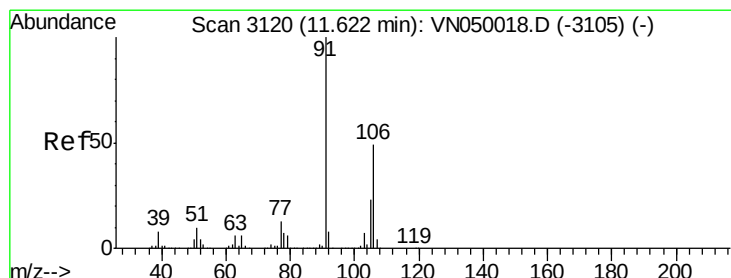
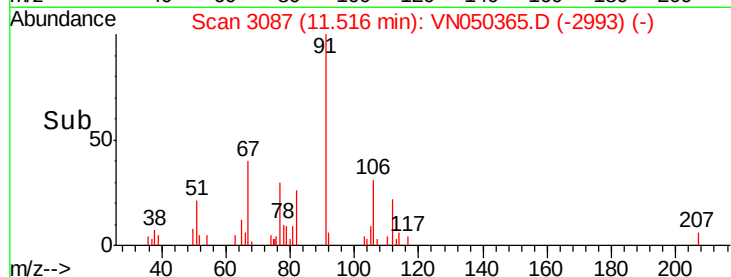
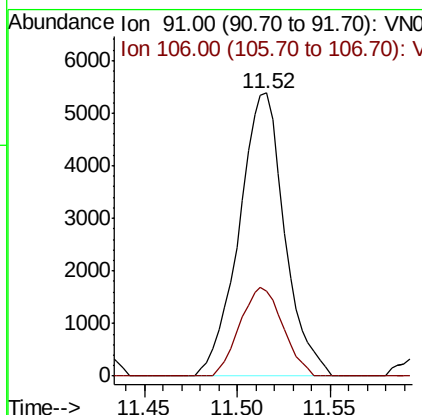
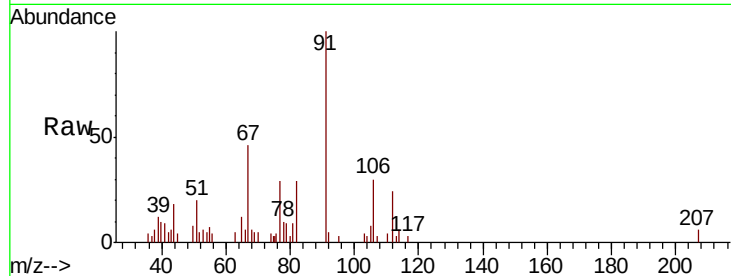




#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

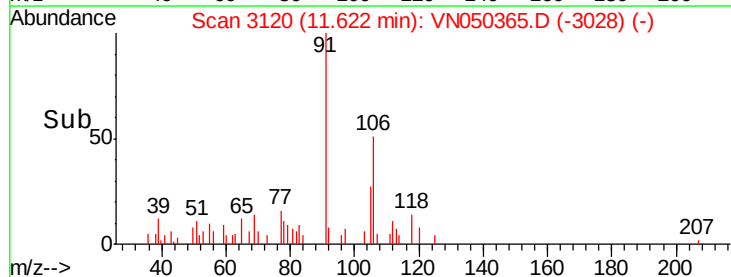
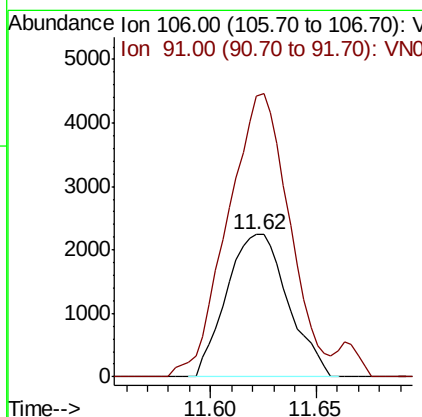
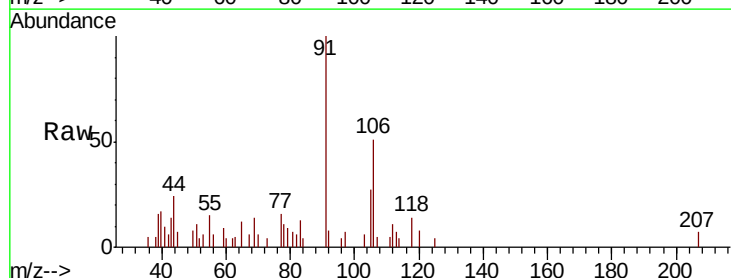
Instrument :
MSVOA_N
ClientSampled :
MW-23

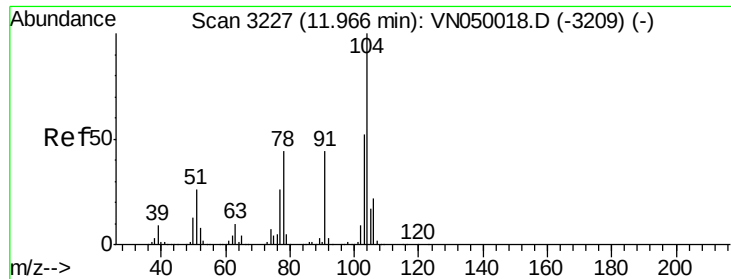
Tot Ion: 91 Resp: 9212
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.4



#68
m/p-Xylenes
Concen: 0.29 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

Tgt Ion: 106 Resp: 4539
Ion Ratio Lower Upper
106 100
91 199.6 162.2 243.2

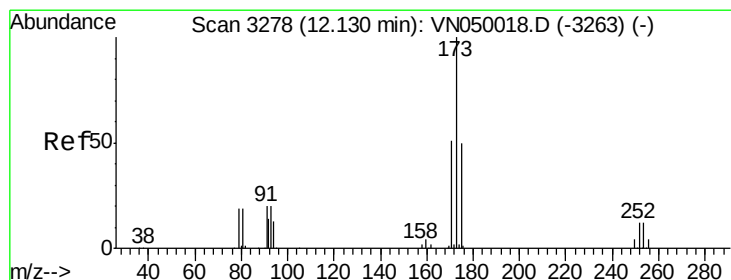
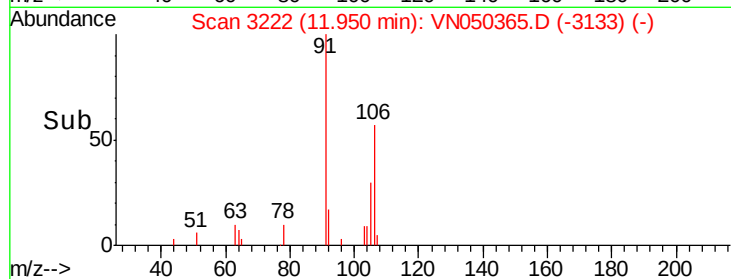
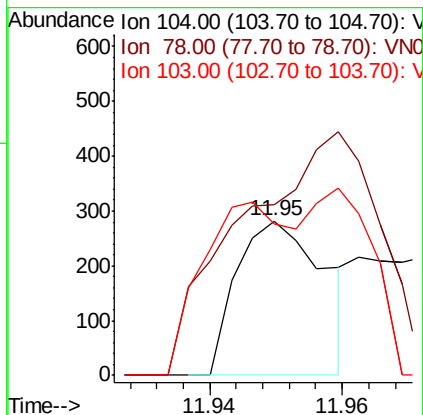
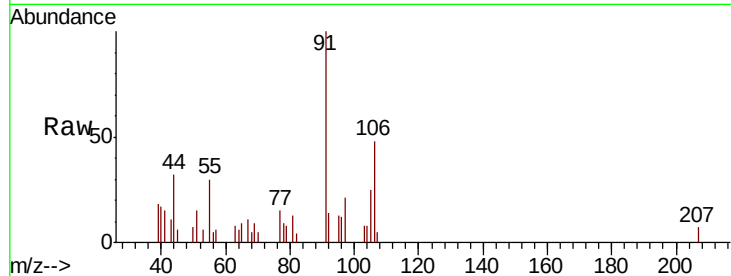




#70
Stvrene
Concen: 0.93 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.02 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

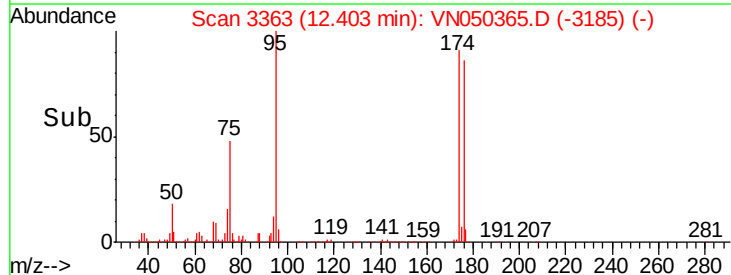
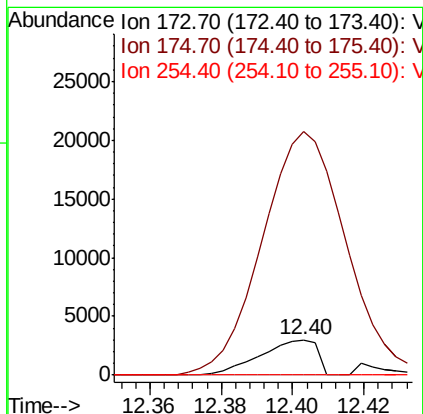
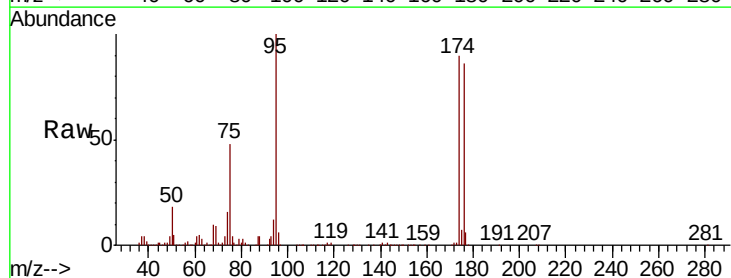
Instrument :
MSVOA_N
ClientSampled :
MW-23

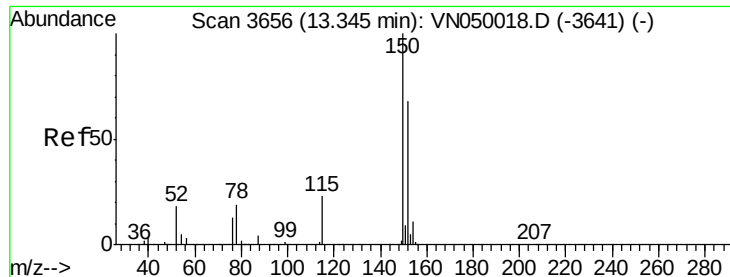
Tot Ion:104 Resp: 260
Ion Ratio Lower Upper
104 100
78 244.6 39.3 58.9#
103 115.4 45.0 67.6#



#71
Bromoform
Concen: 0.47 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050365.D
Acq: 4 Aug 2018 14:32

Tgt Ion:173 Resp: 3328
Ion Ratio Lower Upper
173 100
175 912.3 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

MW-23

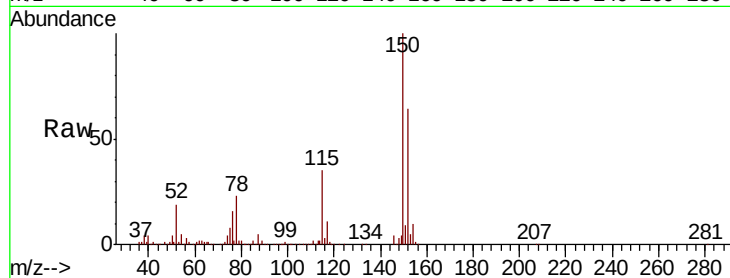
Tot Ion:152 Resp: 445328

Ion Ratio Lower Upper

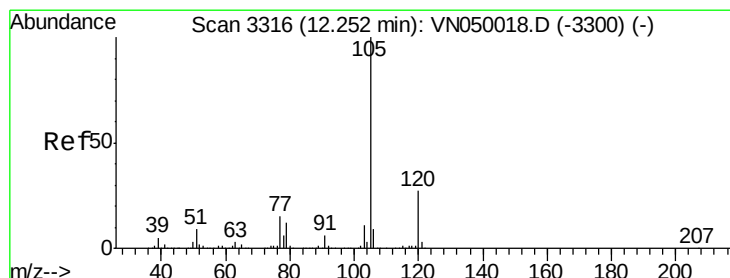
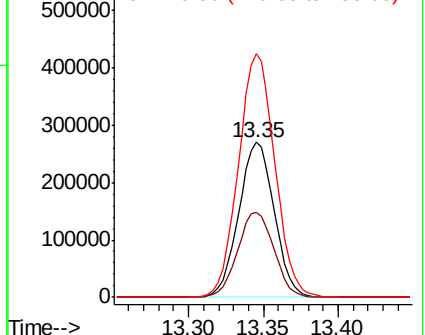
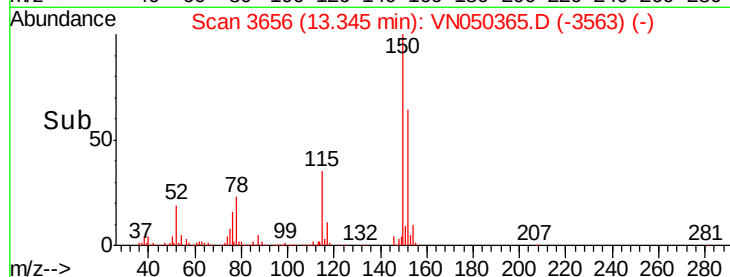
152 100

115 56.0 27.8 83.3

150 161.4 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: 1.06 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050365.D

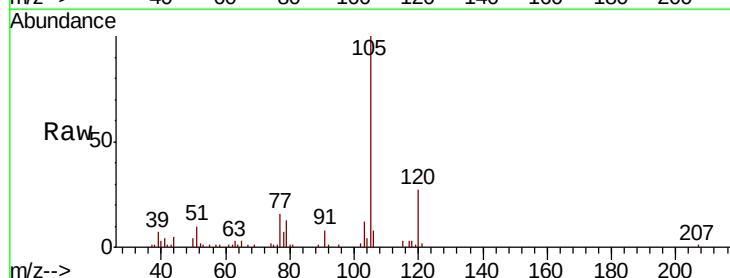
Acq: 4 Aug 2018 14:32

Tgt Ion:105 Resp: 36653

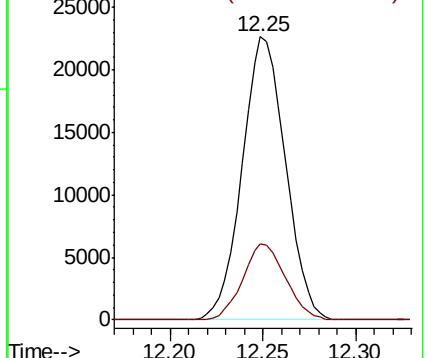
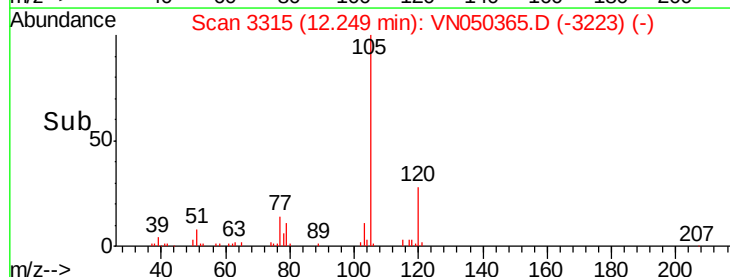
Ion Ratio Lower Upper

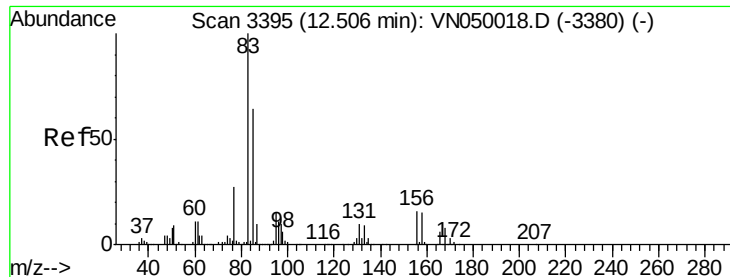
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

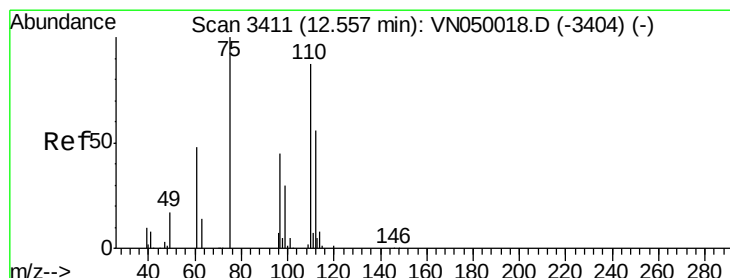
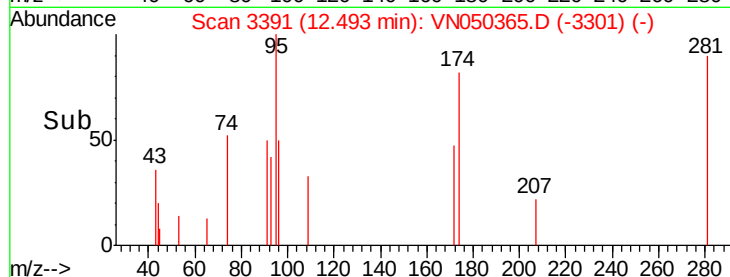
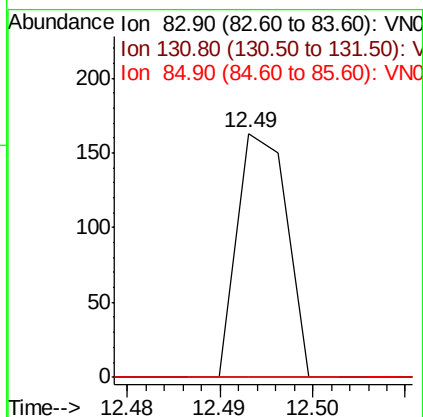
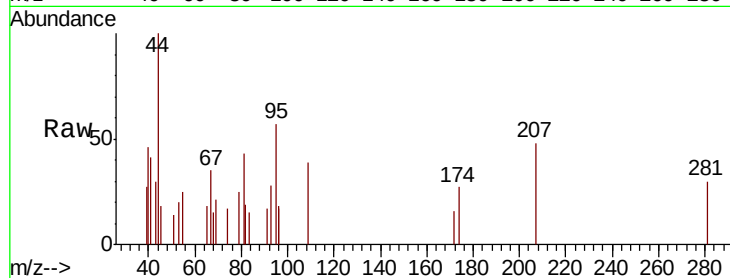




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.49 min Scan# 3391
 Delta R.T. -0.01 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

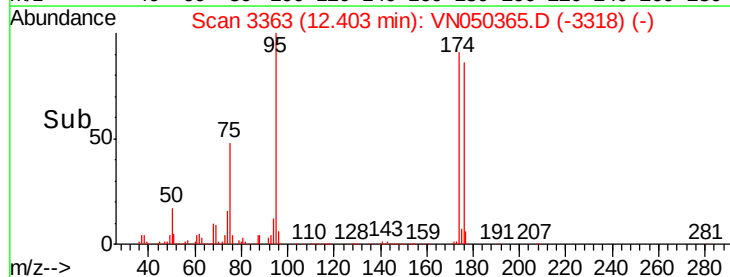
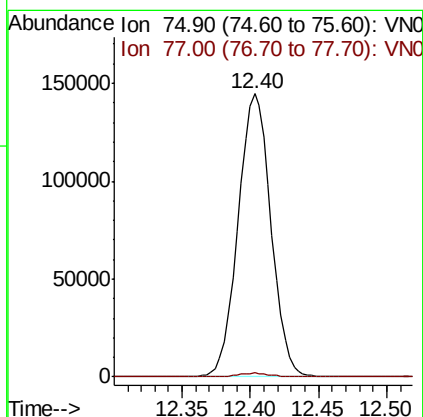
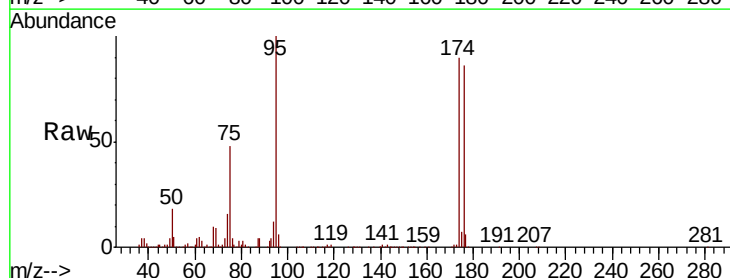
Instrument :
 MSVOA_N
 ClientSampled :
 MW-23

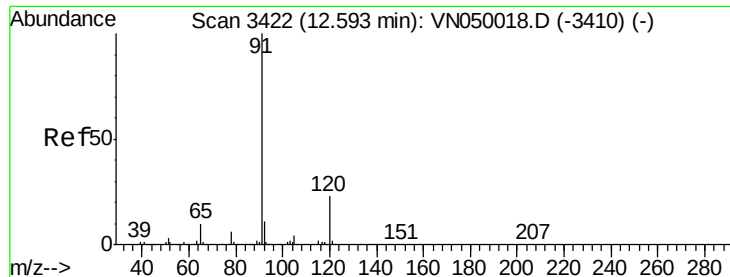
Tot Ion: 83 Resp: 60
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 29.12 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Tgt Ion: 75 Resp: 241031
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#78

n-propylbenzene

Concen: 0.28 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

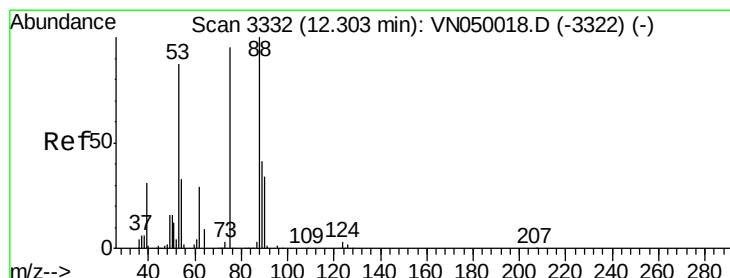
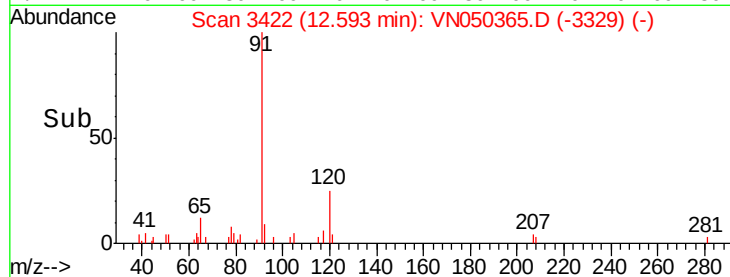
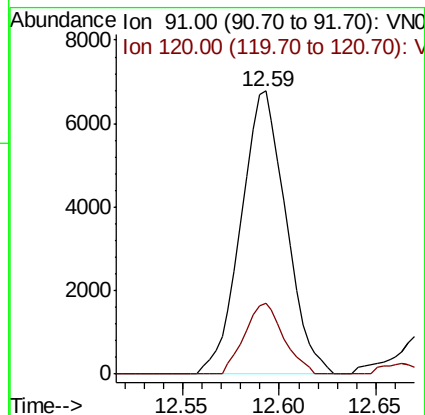
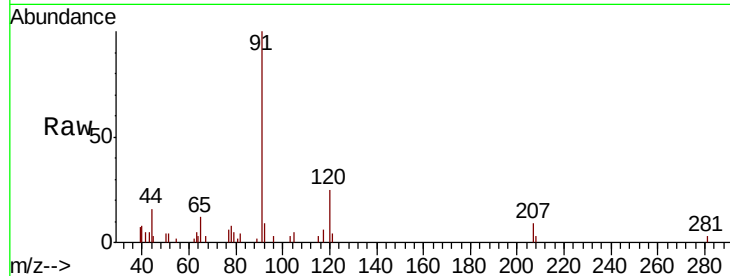
MW-23

Tot Ion: 91 Resp: 10989

Ion Ratio Lower Upper

91 100

120 21.6 11.6 34.7



#81

trans-1,4-Dichloro-2-butene

Concen: 92.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

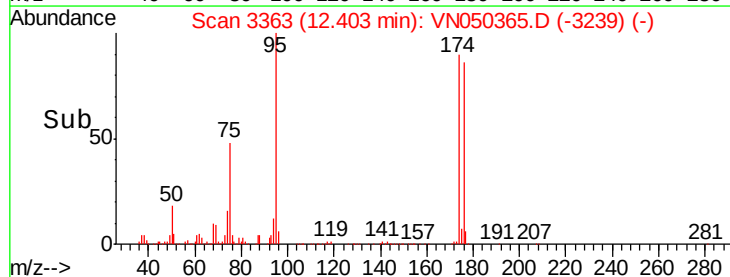
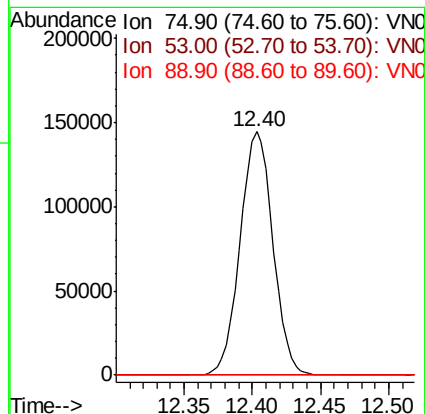
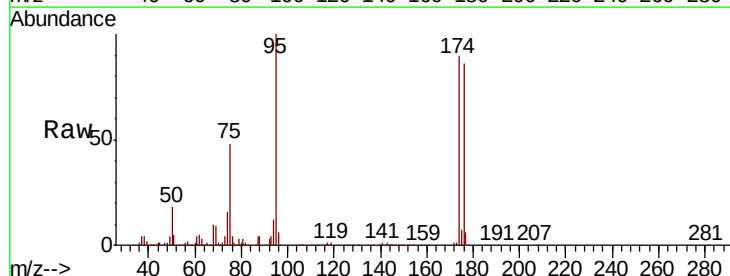
Tgt Ion: 75 Resp: 241031

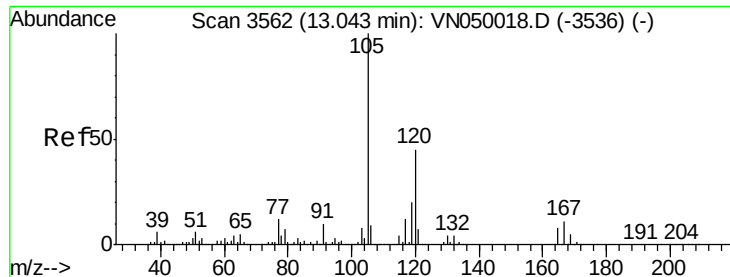
Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

89 0.0 36.0 54.0#

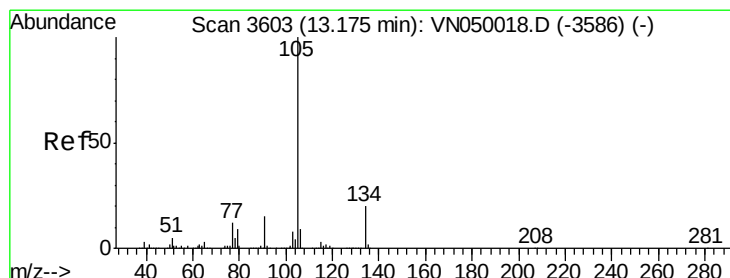
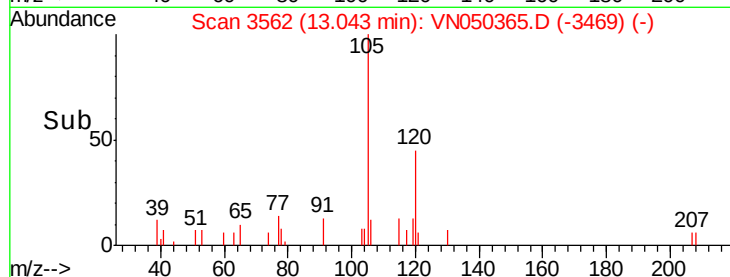
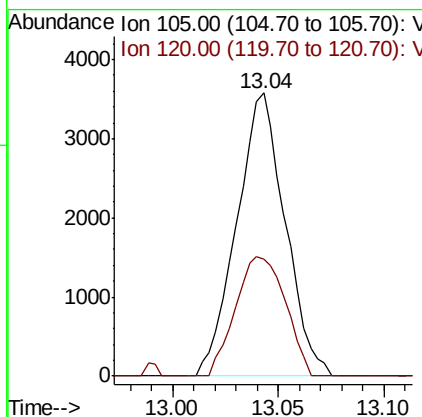
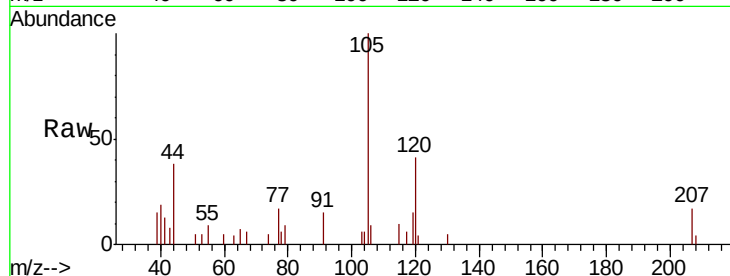




#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

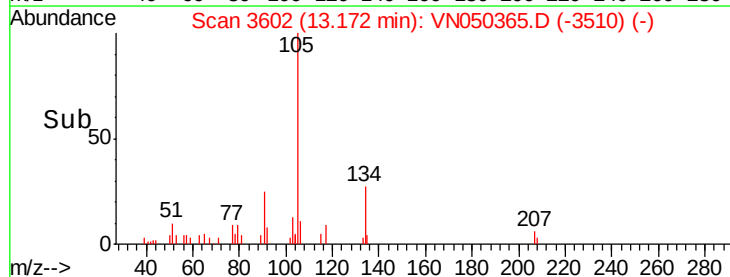
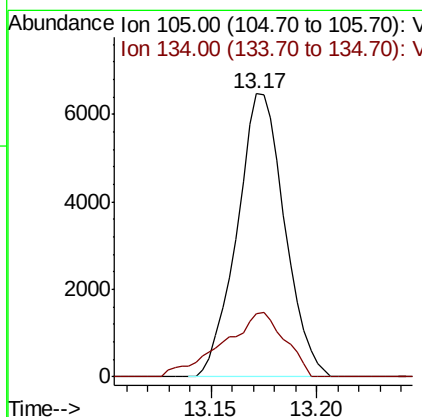
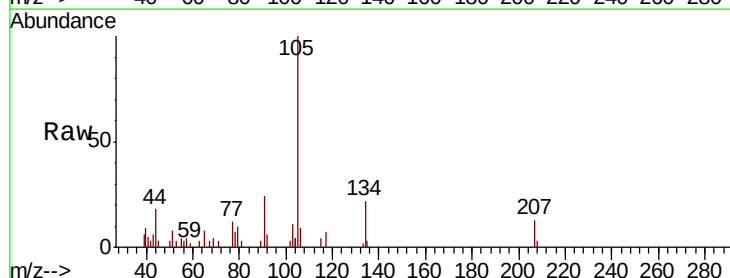
Instrument :
 MSVOA_N
 ClientSampled :
 MW-23

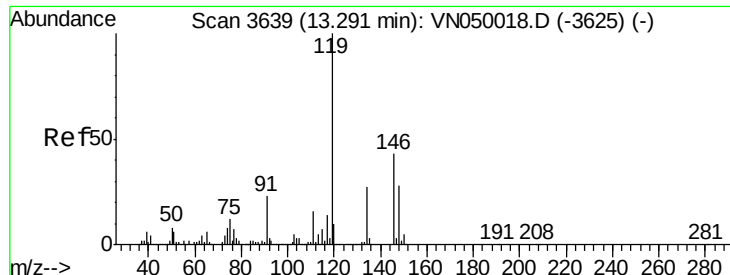
Tot Ion:105 Resp: 5710
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 0.32 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Tgt Ion:105 Resp: 10155
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.1 30.1

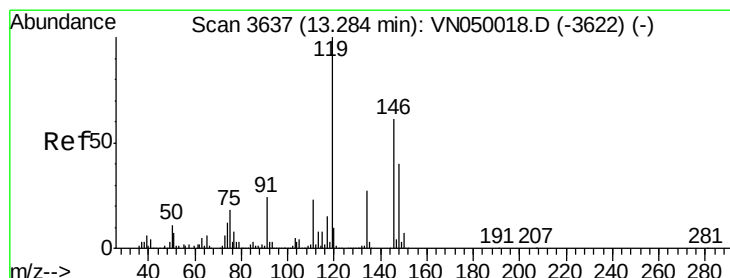
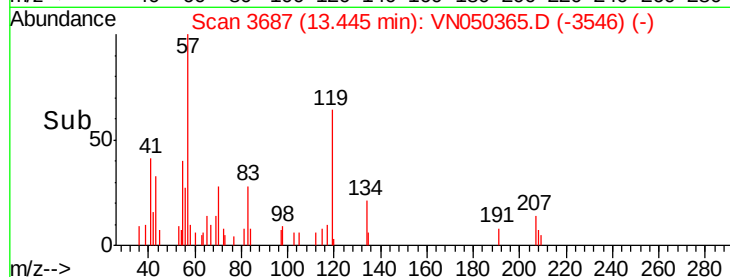
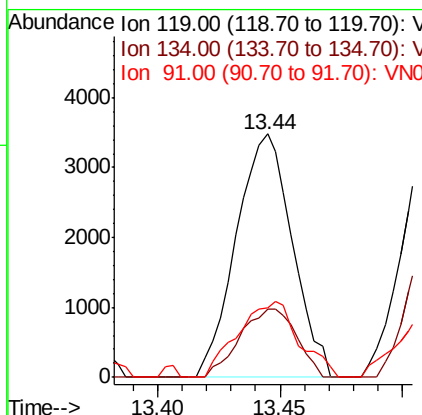
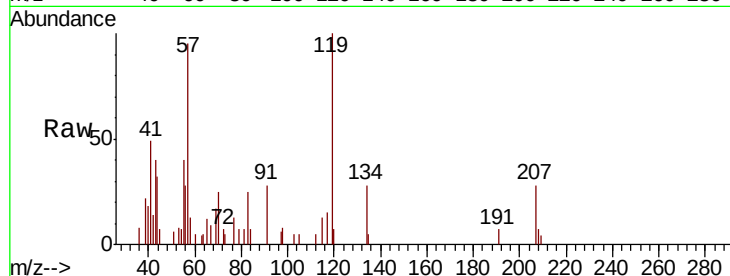




#86
 p-Isopropyltoluene
 Concen: 0.21 ug/l
 RT: 13.44 min Scan# 3687
 Delta R.T. 0.15 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

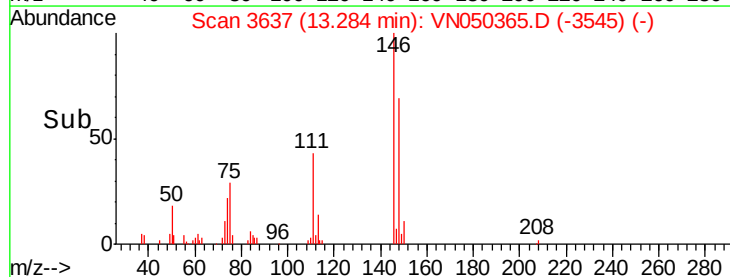
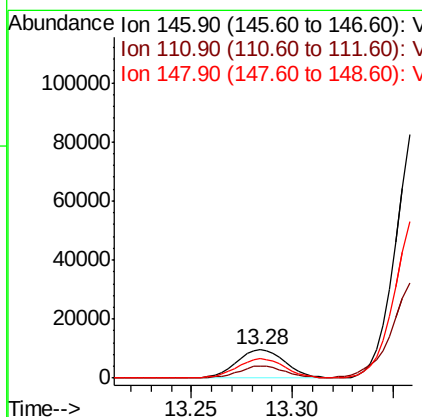
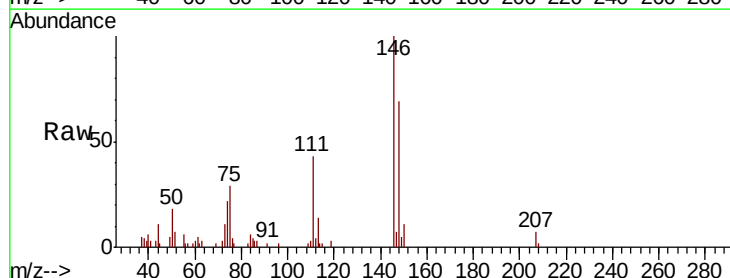
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23

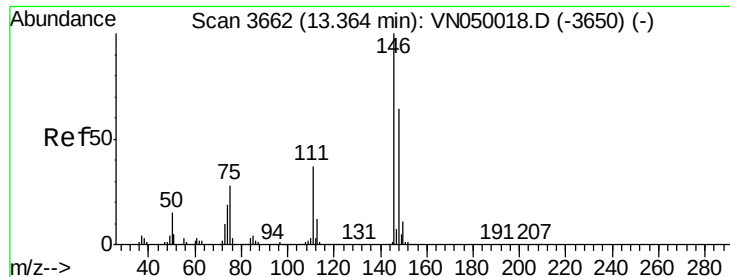
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.4	13.3	39.8
91	33.9	11.4	34.2



#87
 1,3-Dichlorobenzene
 Concen: 1.01 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050365.D
 Acq: 4 Aug 2018 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	18.8	56.4
148	66.8	31.9	95.9





#88

1,4-Dichlorobenzene

Concen: 10.67 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampled :

MW-23

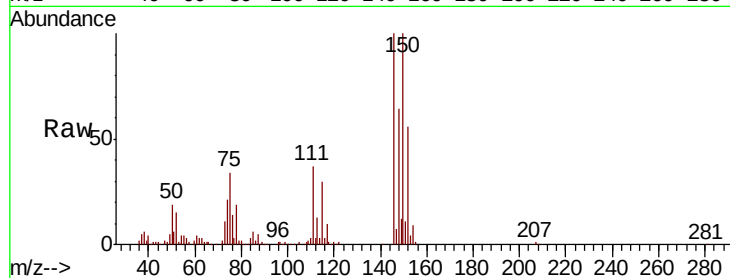
Tot Ion:146 Resp: 168777

Ion Ratio Lower Upper

146 100

111 39.1 18.3 54.9

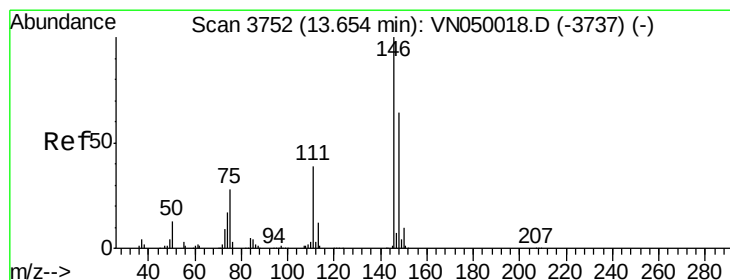
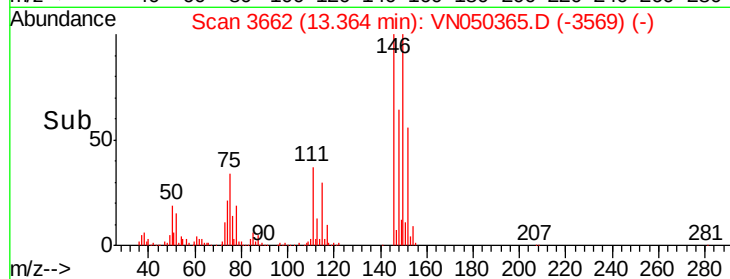
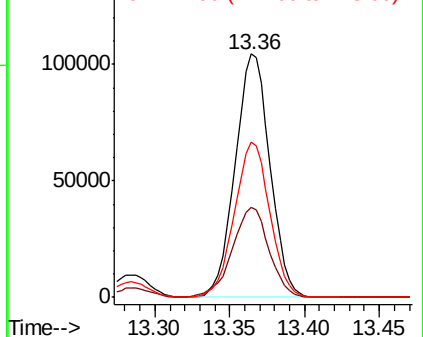
148 64.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 1.72 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

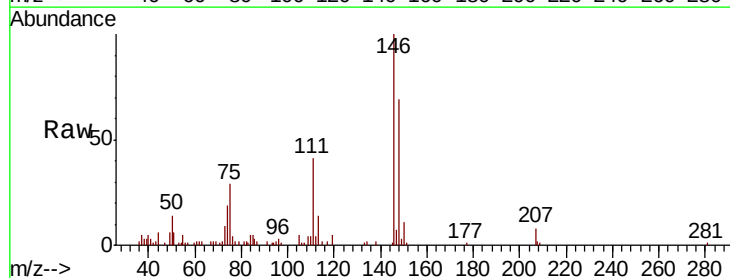
Tgt Ion:146 Resp: 27840

Ion Ratio Lower Upper

146 100

111 42.4 19.6 58.7

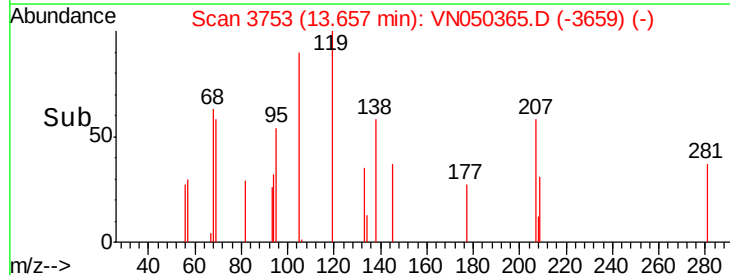
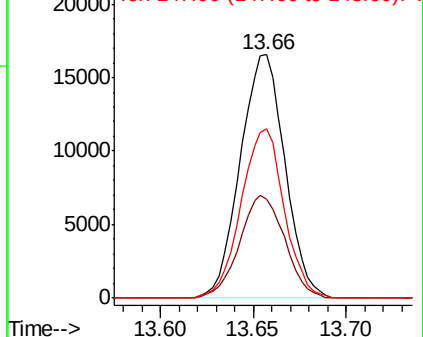
148 66.9 32.1 96.3

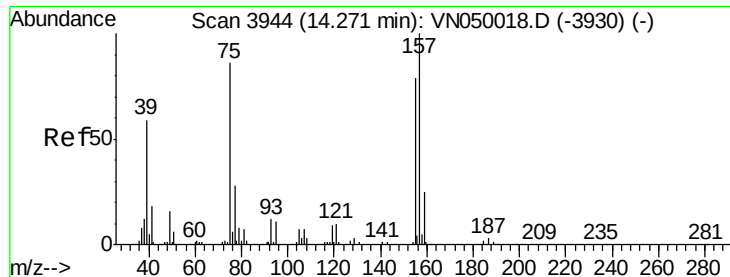


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3947

Delta R.T. 0.01 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampleId :

MW-23

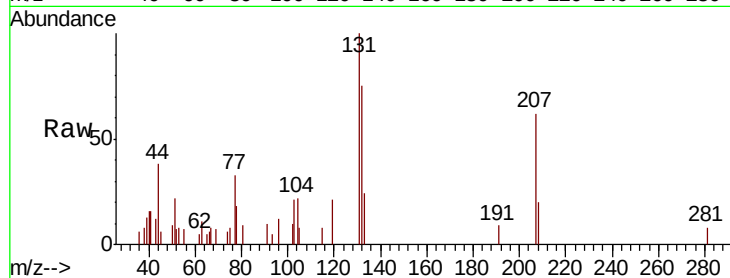
Tot Ion: 75 Resp: 336

Ion Ratio Lower Upper

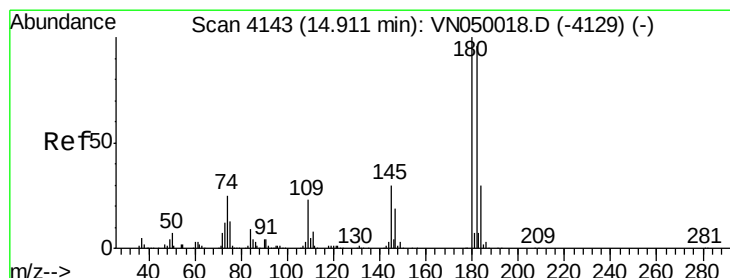
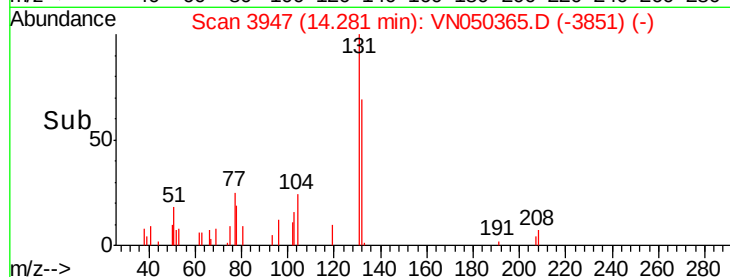
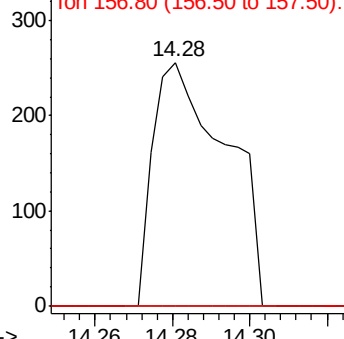
75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.13 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

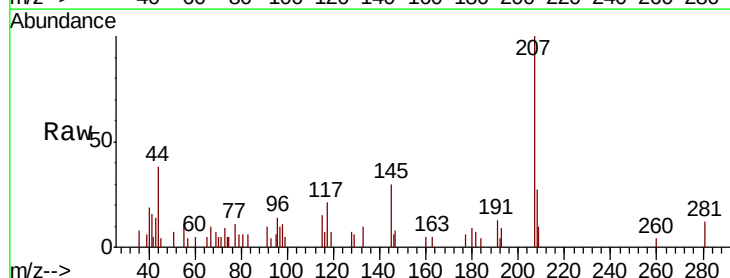
Tgt Ion: 180 Resp: 420

Ion Ratio Lower Upper

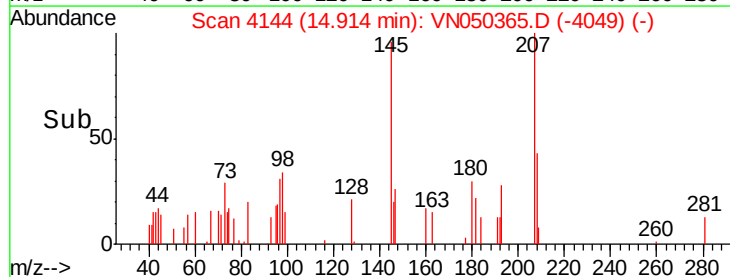
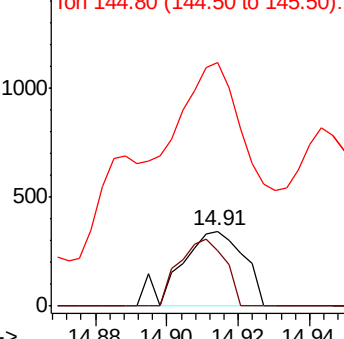
180 100

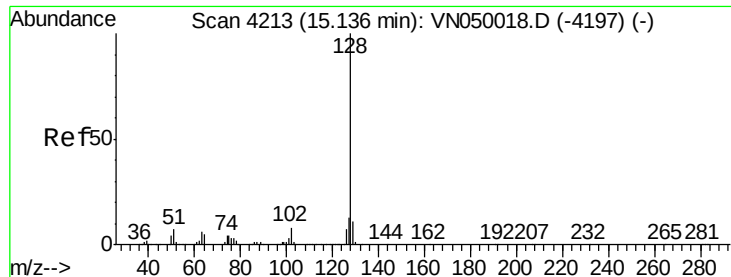
182 65.2 46.7 140.1

145 387.1 13.8 41.4#



Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)





#95

Naphthalene

Concen: 7.32 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

Instrument :

MSVOA_N

ClientSampleId :

MW-23

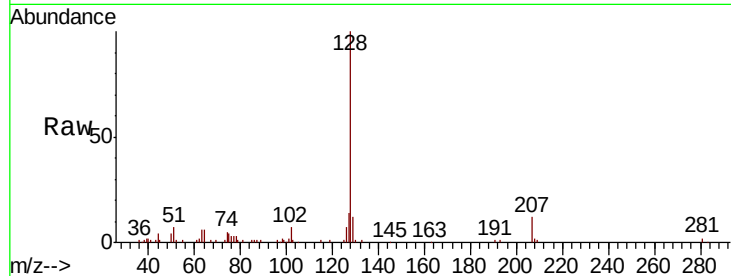
Tot Ion:128 Resp: 64887

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

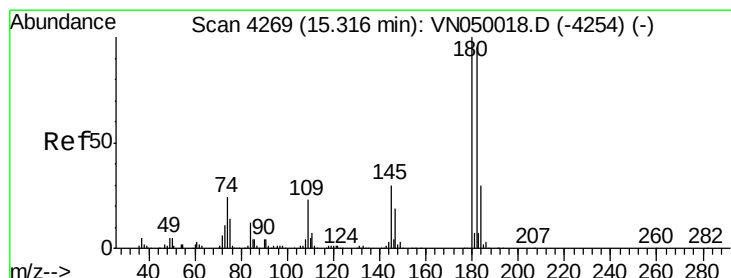
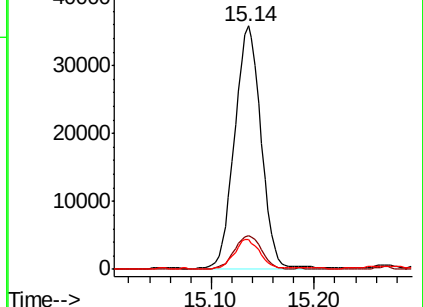
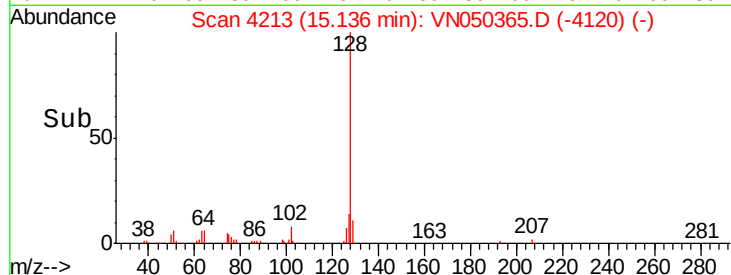
129 11.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.22 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050365.D

Acq: 4 Aug 2018 14:32

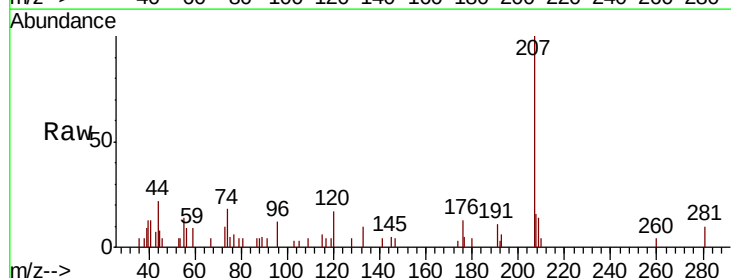
Tgt Ion:180 Resp: 99

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.4#

145 384.8 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

