

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050118.D
 Acq On : 27 Jul 2018 6:58
 Operator : MD\SY
 Sample : J4184-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

Quant Time: Jul 27 07:58:31 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	853167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1256758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1137979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	607285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	514175	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
35) Dibromofluoromethane	7.59	113	458678	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	10.09	98	1807854	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.40	95	623262	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	405	Below Cal	#	76
13) Acrolein	3.56	56	1793	2.55	ug/l #	1
16) Acetone	3.82	43	122853	40.17	ug/l	99
17) Carbon Disulfide	4.05	76	54787	1.82	ug/l	98
18) Methyl Acetate	4.34	43	11604	Below Cal	#	72
20) Methylene Chloride	4.54	84	508	Below Cal	#	70
25) 2-Butanone	6.84	43	21799	4.80	ug/l	95
31) Cyclohexane	7.66	56	255290	15.52	ug/l	93
36) 1,1-Dichloropropene	7.67	75	57778	4.08	ug/l #	48
37) Ethyl Acetate	6.84	43	21799	2.21	ug/l #	67
38) Carbon Tetrachloride	7.67	117	76893	5.12	ug/l #	15
39) Methylcyclohexane	9.08	83	537891	36.93	ug/l	97
40) Benzene	8.05	78	17006566	394.72	ug/l	99
41) Methacrylonitrile	7.19	41	611	2.86	ug/l #	10
42) 1,2-Dichloroethane	8.05	62	137440	9.56	ug/l #	74
43) Isopropyl Acetate	8.31	43	368267	19.09	ug/l #	61
48) Methyl methacrylate	9.27	41	12756	1.50	ug/l #	63
51) 4-Methyl-2-Pentanone	10.09	43	13323	1.37	ug/l #	1
53) t-1,3-Dichloropropene	10.16	75	290478	20.58	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	30454	3.02	ug/l #	20
56) Ethyl methacrylate	10.43	69	14648	3.06	ug/l #	54
58) 2-Chloroethyl Vinyl ether	9.68	63	893	8.66	ug/l #	48
59) 2-Hexanone	10.76	43	1210	5.34	ug/l #	1
61) 1,2-Dibromoethane	11.00	107	3514	0.35	ug/l #	3
65) Chlorobenzene	11.59	112	16831	0.59	ug/l #	50
69) o-Xylene	11.95	106	8434803	506.60	ug/l #	1
70) Styrene	11.97	104	5128313	170.91	ug/l #	83
71) Bromoform	12.40	173	2097	0.26	ug/l #	1
73) Isopropylbenzene	12.25	105	3298239	70.03	ug/l	99
74) N-amyl acetate	12.03	43	27306	1.90	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.49	83	152	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.53	75	13705	1.21	ug/l #	100
78) n-propylbenzene	12.59	91	2505471	47.59	ug/l	100
79) 2-Chlorotoluene	12.66	91	2368973	72.60	ug/l #	40

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050118.D
 Acq On : 27 Jul 2018 6:58
 Operator : MD\SY
 Sample : J4184-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

Quant Time: Jul 27 07:58:31 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

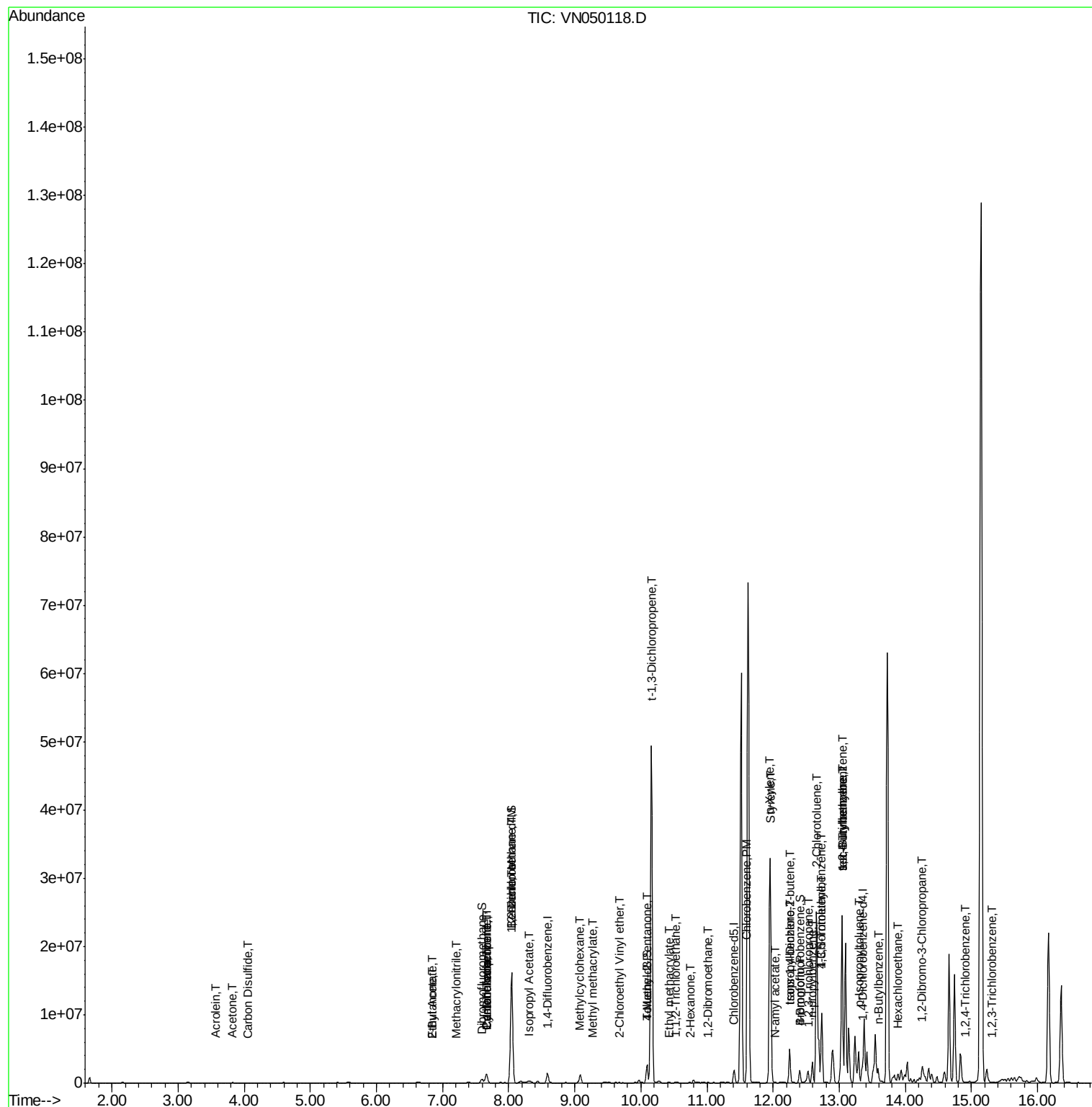
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	5746653	155.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.25	75	36320	10.21	ug/l #	53
82) 4-Chlorotoluene	12.73	91	579080	17.92	ug/l #	41
83) tert-Butylbenzene	13.04	119	1798143	55.62	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.04	105	13744795	368.09	ug/l	98
85) sec-Butylbenzene	13.04	105	13744795	318.18	ug/l #	56
86) p-Isopropyltoluene	13.29	119	2586826	71.07	ug/l	99
89) n-Butylbenzene	13.59	91	98788	3.30	ug/l #	1
90) Hexachloroethane	13.88	117	184581	22.84	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	39606	18.36	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	252	3.11	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.32	180	400	2.24	ug/l #	24

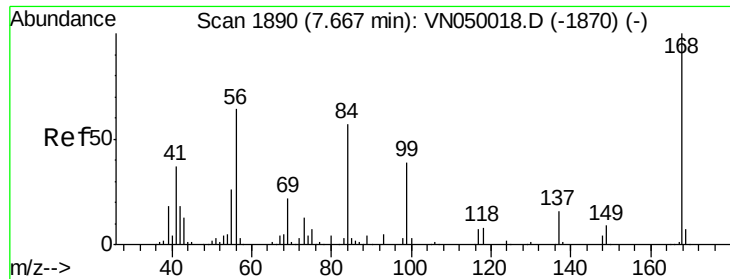
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050118.D
Acq On : 27 Jul 2018 6:58
Operator : MD\SY
Sample : J4184-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2B

Quant Time: Jul 27 07:58:31 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: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

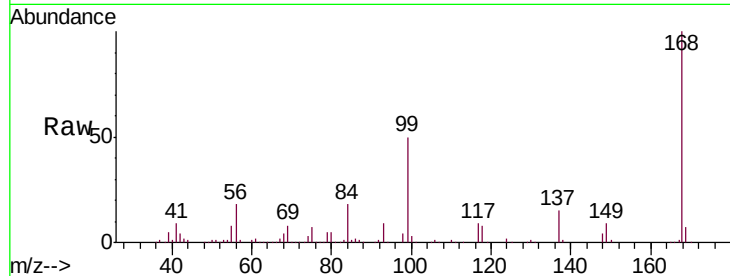
MW-2B

Tot Ion:168 Resp: 853167

Ion Ratio Lower Upper

168 100

99 49.8 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

400000

300000

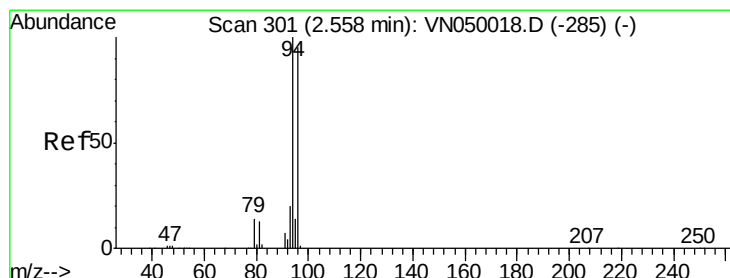
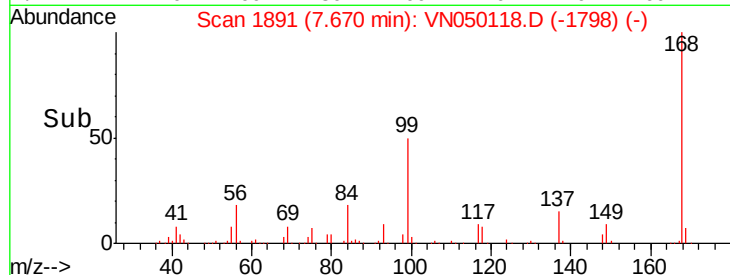
200000

100000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050118.D

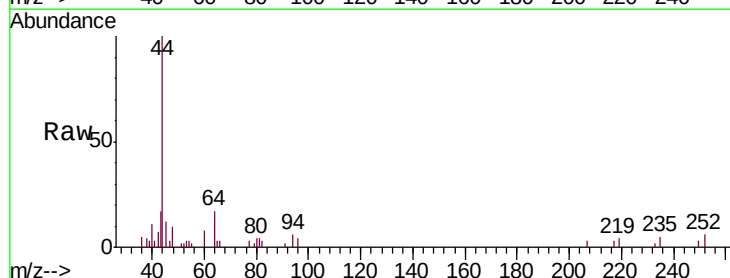
Acq: 27 Jul 2018 6:58

Tgt Ion: 94 Resp: 405

Ion Ratio Lower Upper

94 100

96 70.4 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

400

300

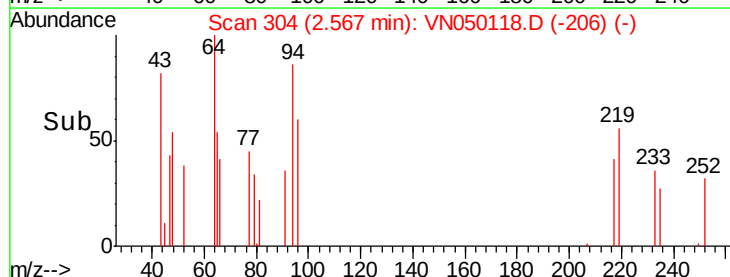
200

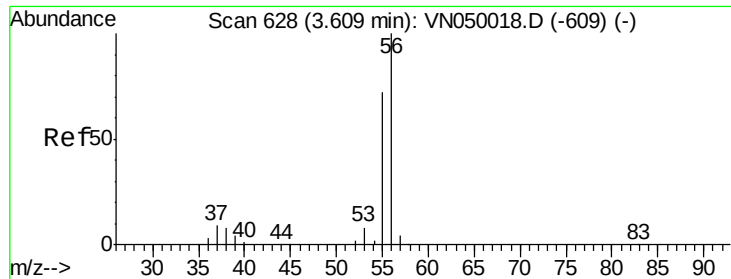
100

0

2.54 2.56 2.58

Time-->





#13

Acrolein

Concen: 2.55 ug/l

RT: 3.56 min Scan# 612

Delta R.T. -0.05 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

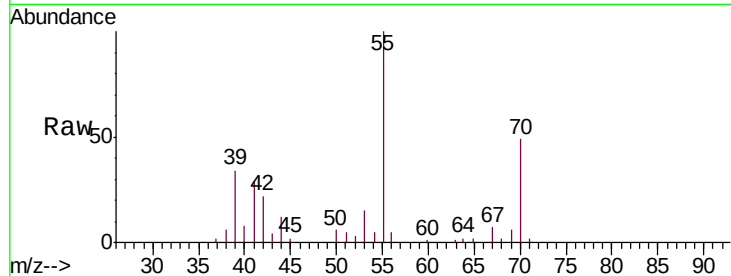
MW-2B

Tot Ion: 56 Resp: 1793

Ion Ratio Lower Upper

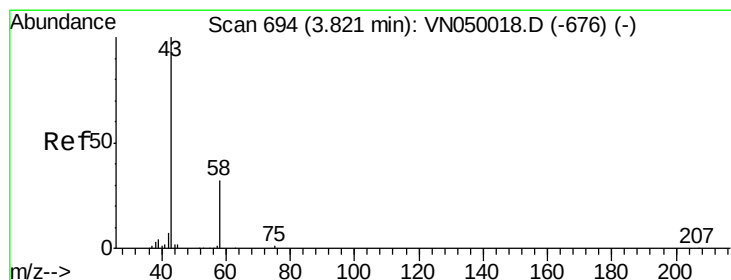
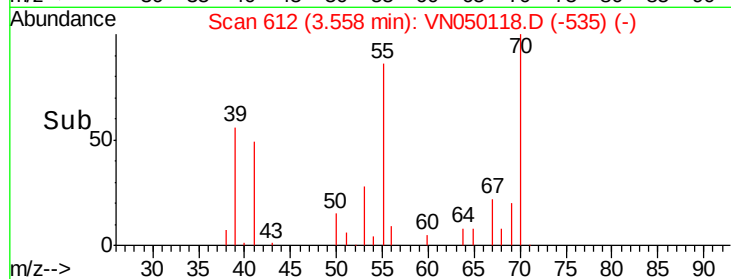
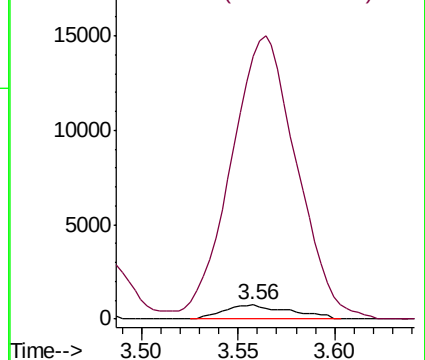
56 100

55 1986.8 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 40.17 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050118.D

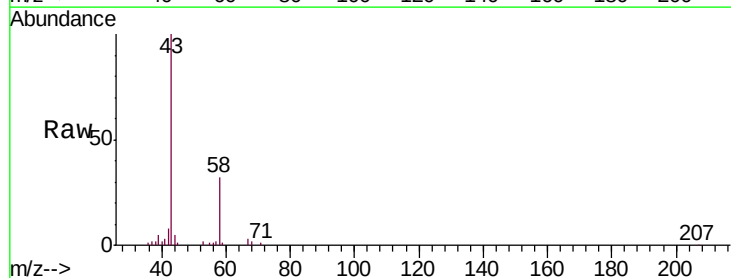
Acq: 27 Jul 2018 6:58

Tgt Ion: 43 Resp: 122853

Ion Ratio Lower Upper

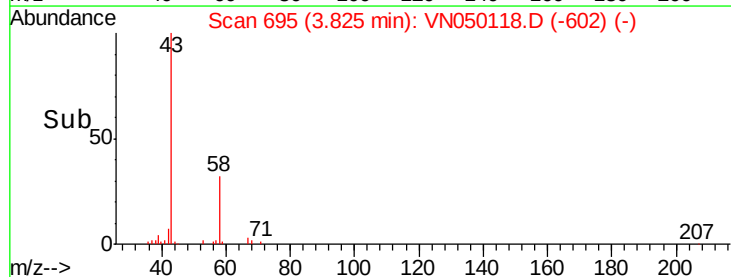
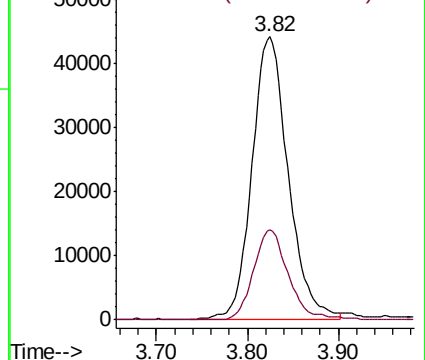
43 100

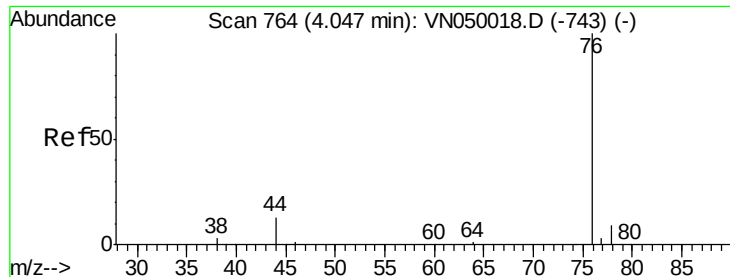
58 31.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

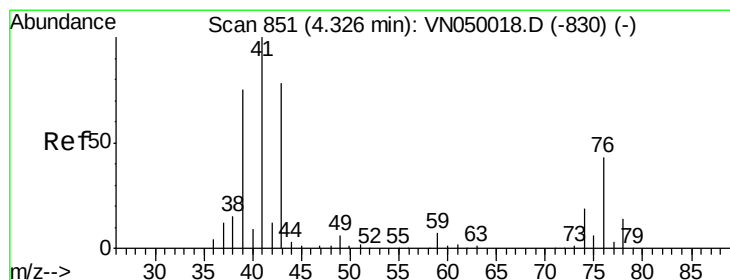
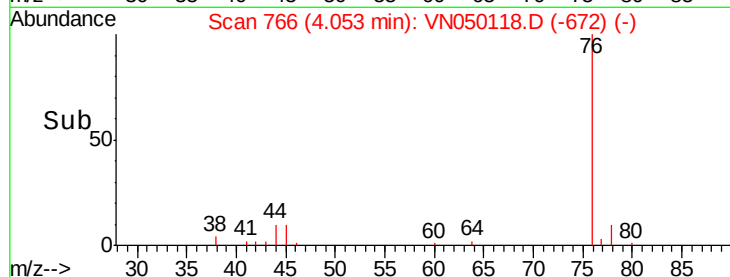
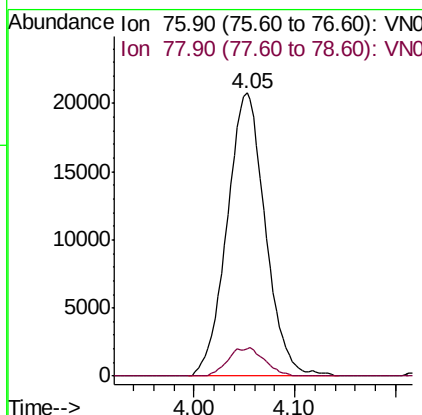
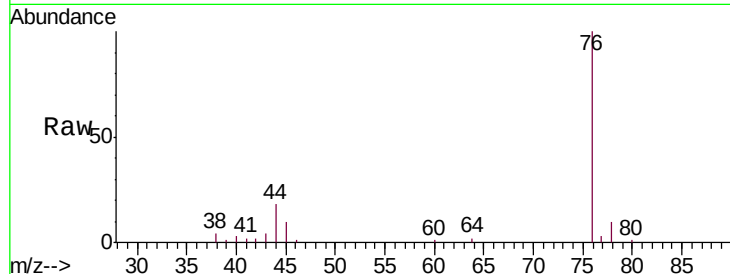




#17
Carbon Disulfide
Concen: 1.82 ua/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

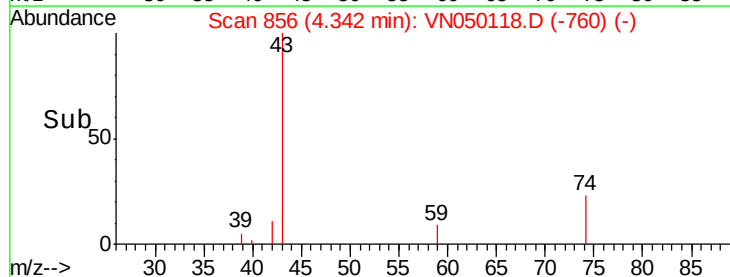
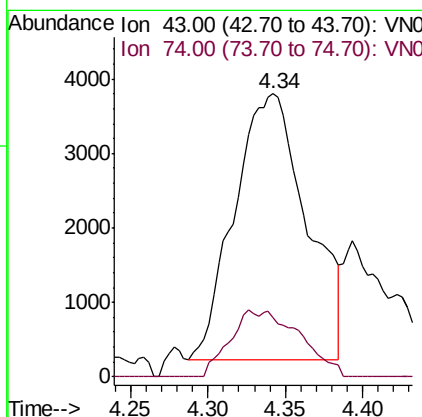
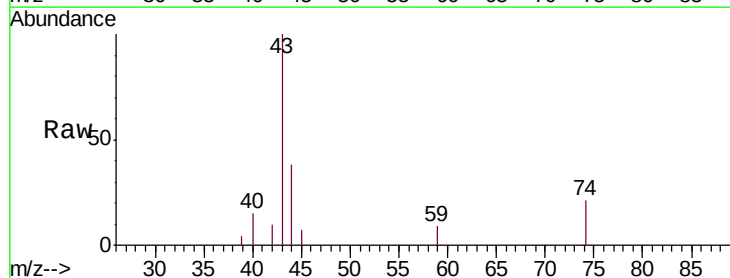
Instrument :
MSVOA_N
ClientSampled :
MW-2B

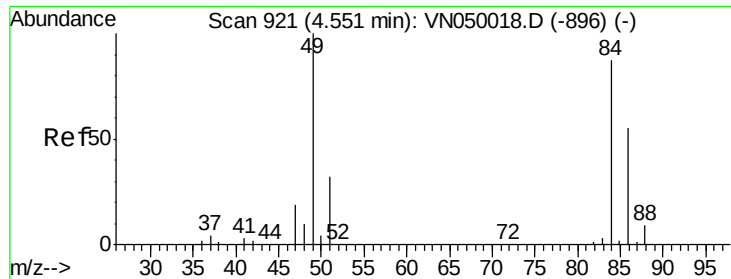
Tot Ion: 76 Resp: 54787
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 856
Delta R.T. 0.01 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Tgt Ion: 43 Resp: 11604
Ion Ratio Lower Upper
43 100
74 10.2 19.2 28.8#

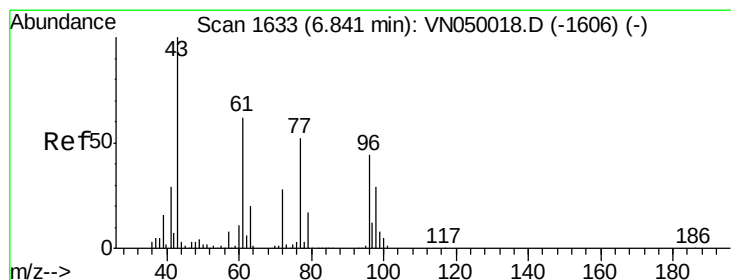
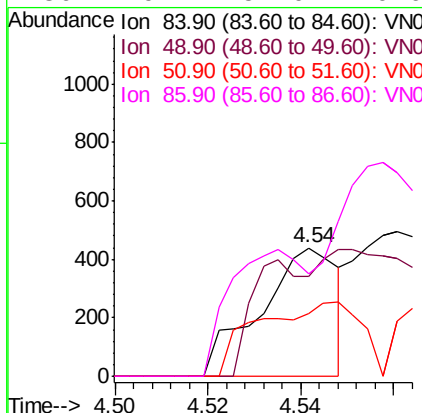
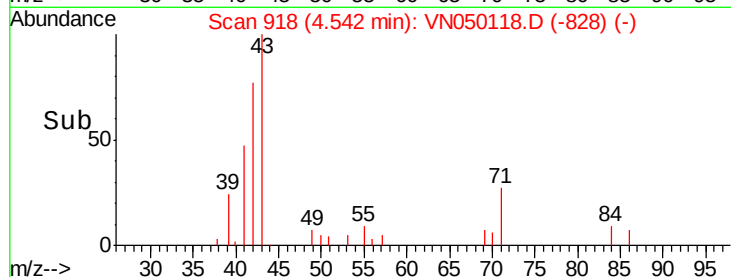
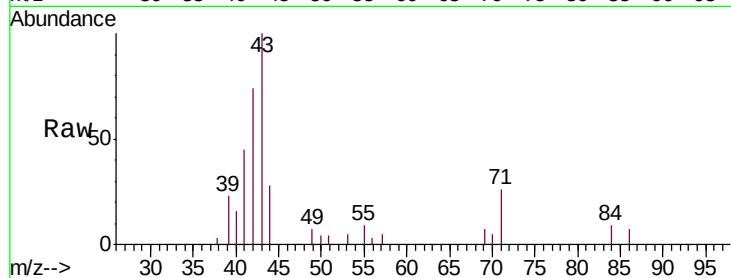




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

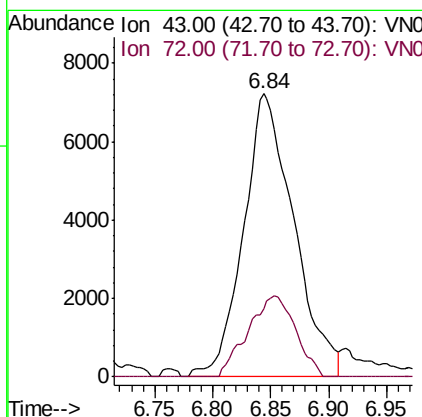
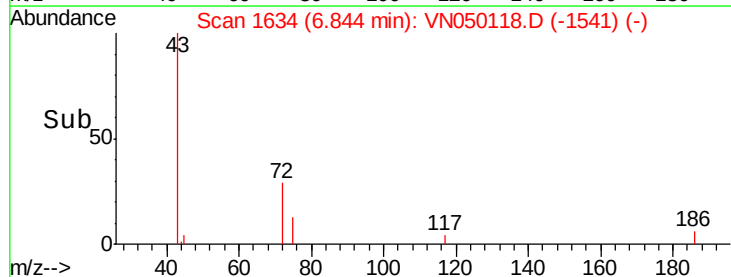
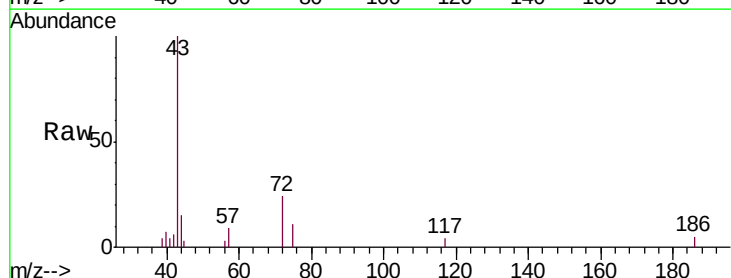
Instrument :
MSVOA_N
ClientSampled :
MW-2B

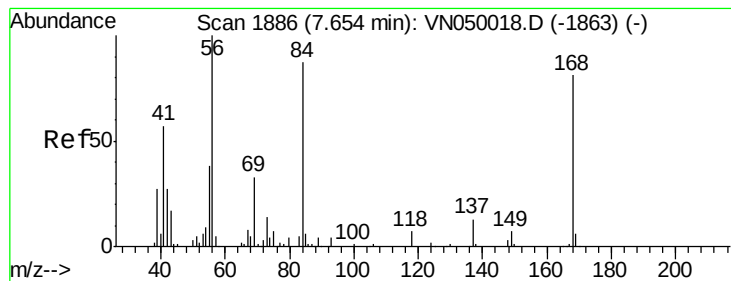
Tot Ion: 84 Resp: 508
Ion Ratio Lower Upper
84 100
49 78.4 94.8 142.2#
51 48.7 28.3 42.5#
86 79.7 51.0 76.6#



#25
2-Butanone
Concen: 4.80 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Tgt Ion: 43 Resp: 21799
Ion Ratio Lower Upper
43 100
72 24.2 21.5 32.3





#31

Cyclohexane

Concen: 15.52 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

MW-2B

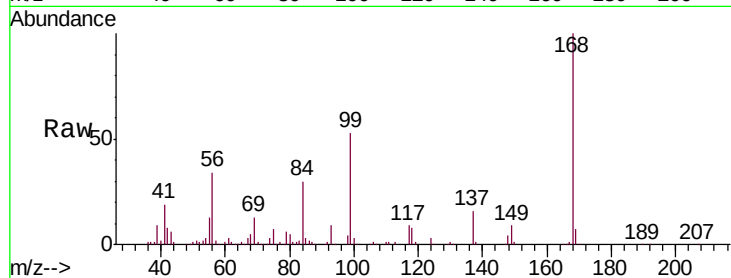
Tot Ion: 56 Resp: 255290

Ion Ratio Lower Upper

56 100

69 38.7 26.2 39.4

84 89.0 67.4 101.0

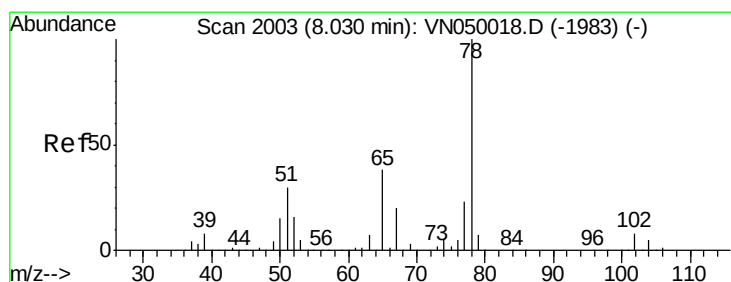
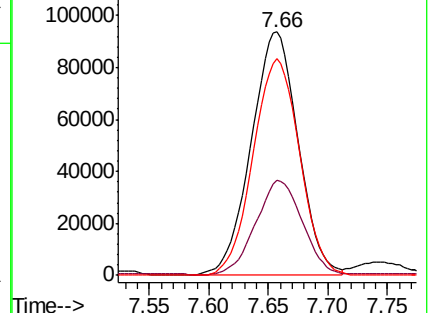
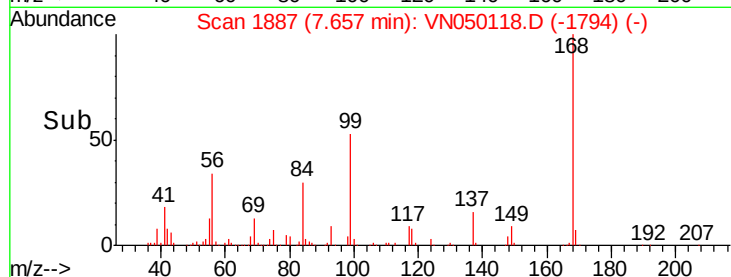


Abundance Ion 56.00 (55.70 to 56.70): VN050018.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN050018.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN050018.D (-1863) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.19 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050118.D

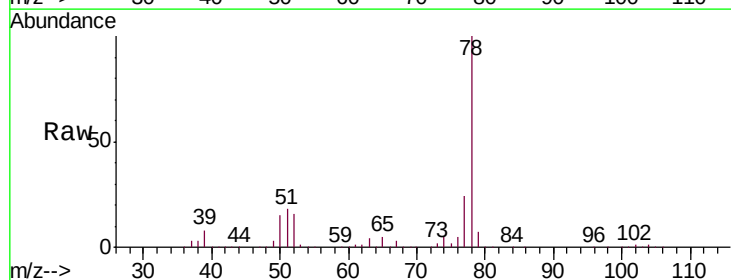
Acq: 27 Jul 2018 6:58

Tgt Ion: 65 Resp: 514175

Ion Ratio Lower Upper

65 100

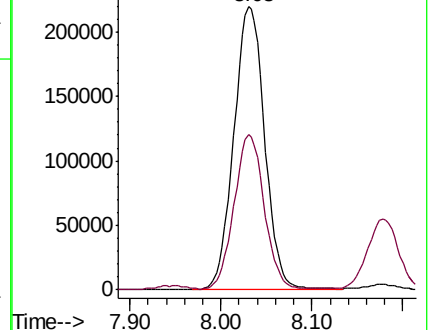
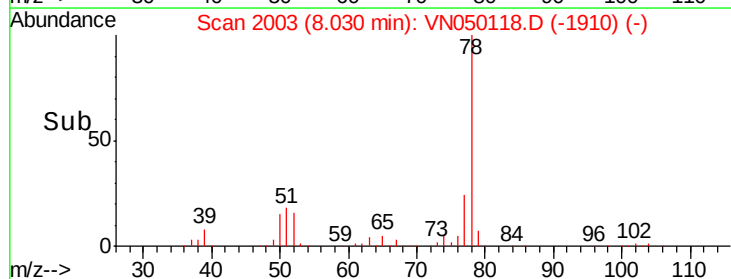
67 53.2 0.0 108.4

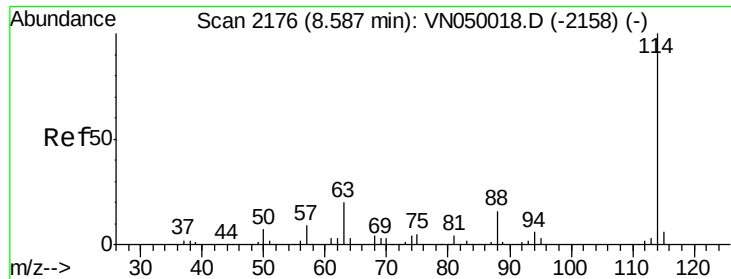


Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

Time-->



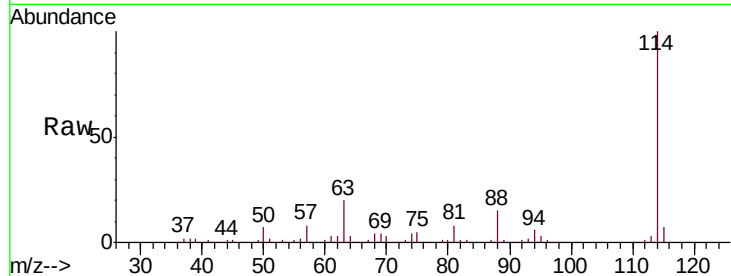


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

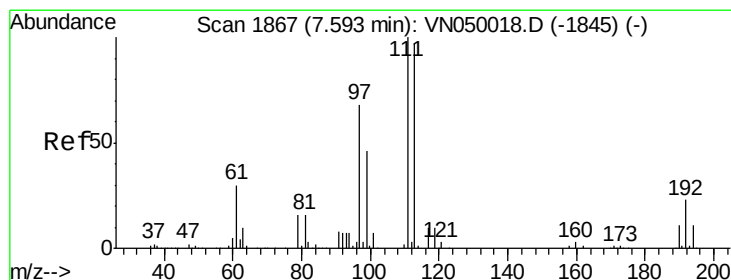
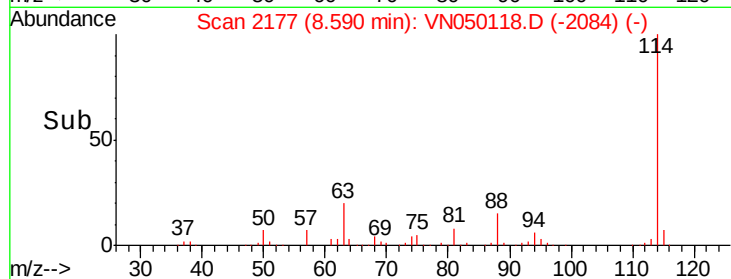
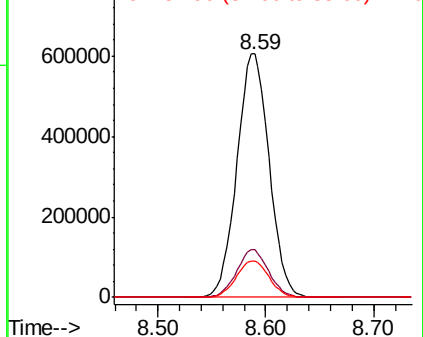
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

Tot Ion:114 Resp: 1256758

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	15.1	0.0	31.2



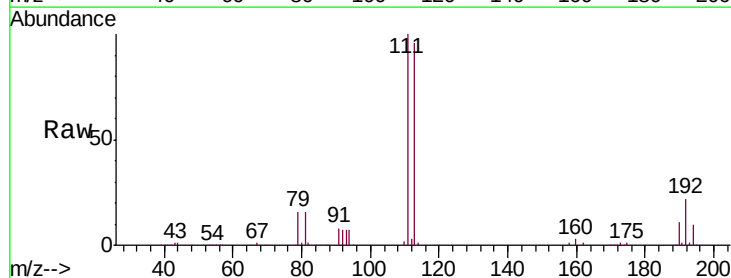
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



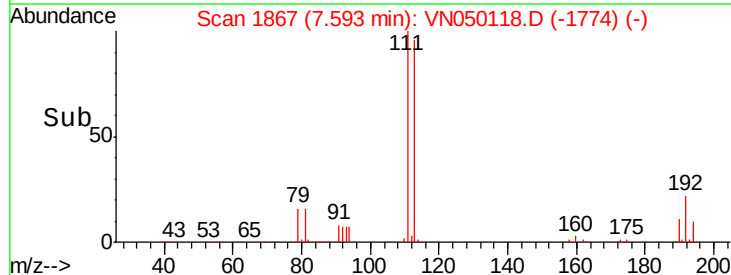
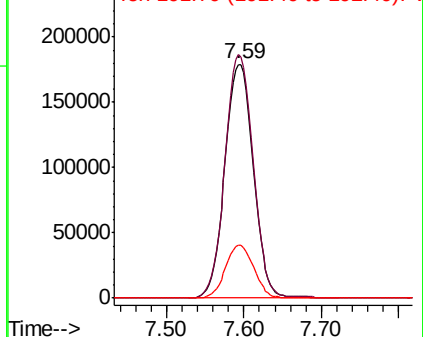
#35
 Dibromofluoromethane
 Concen: 44.70 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

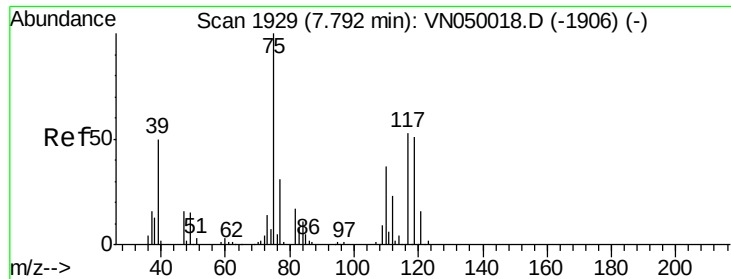
Tgt Ion:113 Resp: 458678

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	22.5	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: 4.08 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

MW-2B

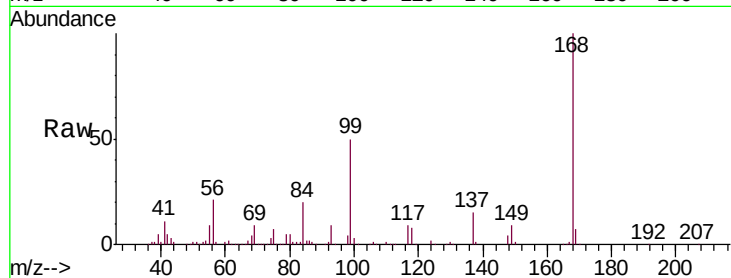
Tot Ion: 75 Resp: 57778

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

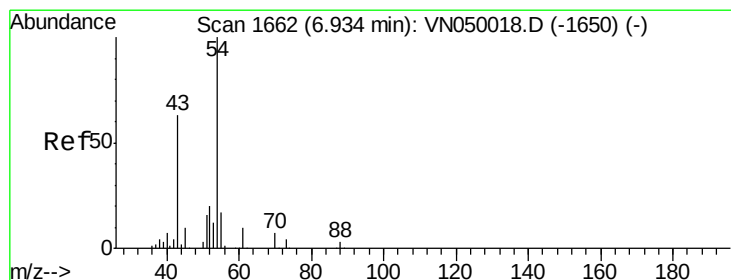
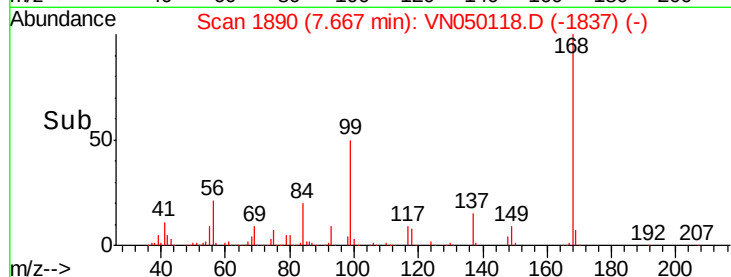
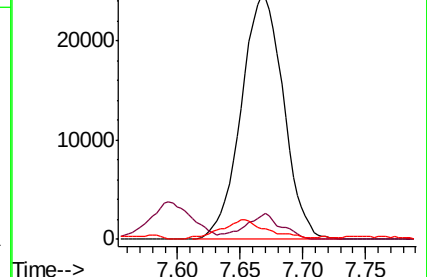
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 2.21 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.09 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

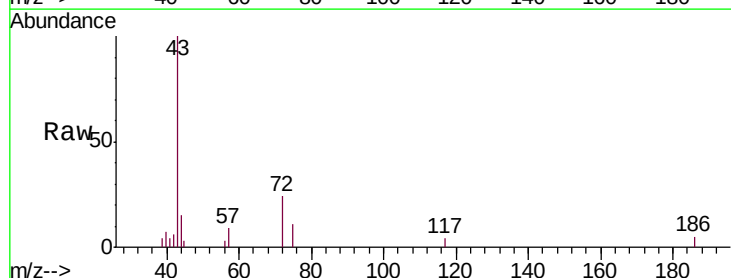
Tgt Ion: 43 Resp: 21799

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

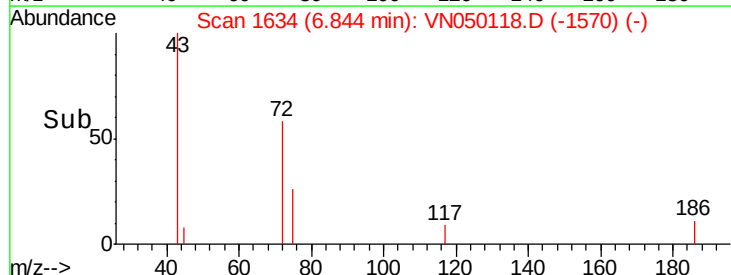
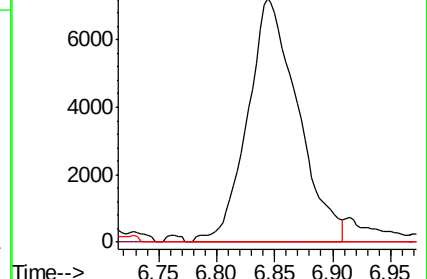
70 0.0 8.4 12.6#

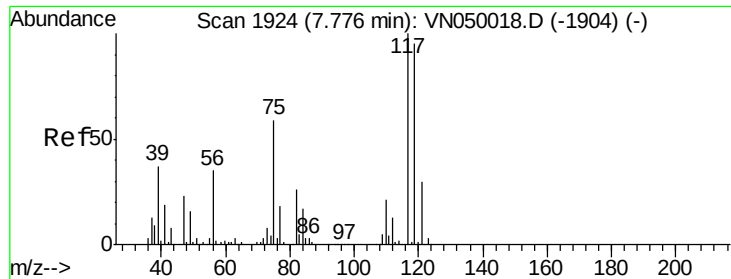


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

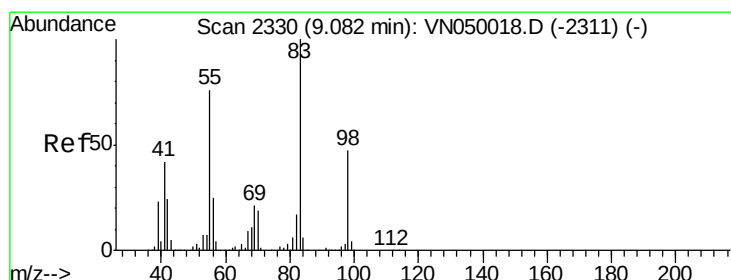
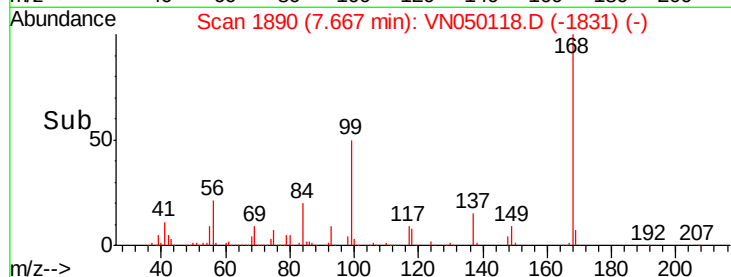
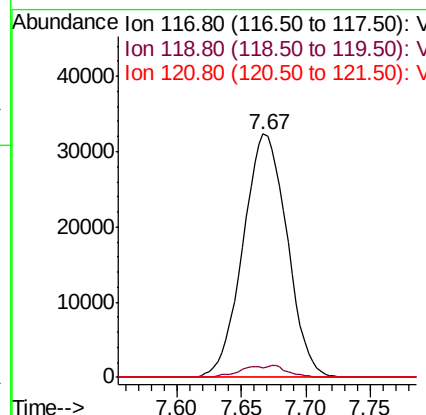
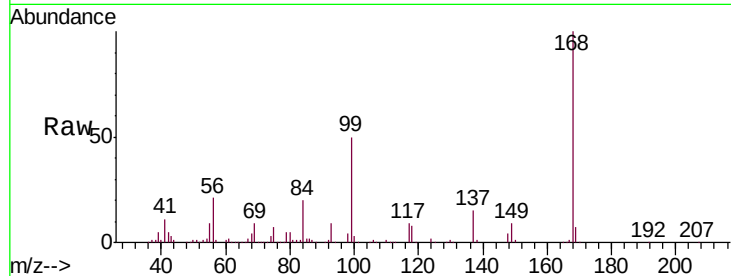




#38
Carbon Tetrachloride
Concen: 5.12 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

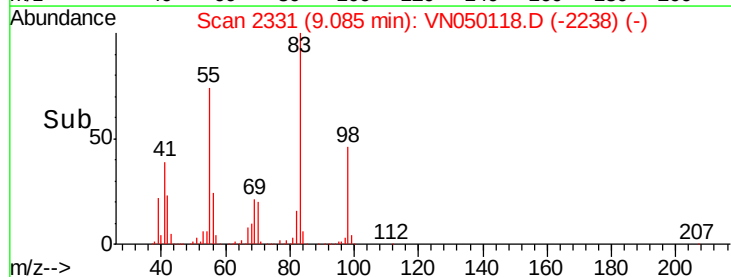
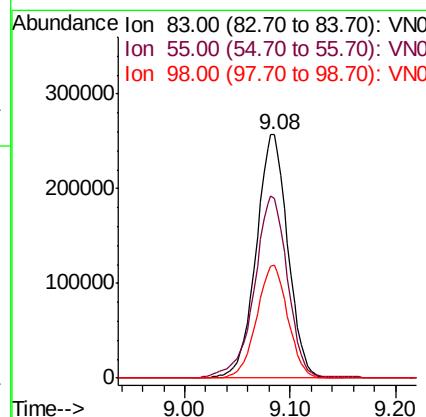
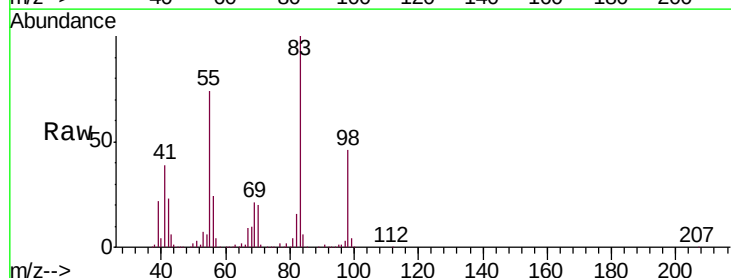
Instrument :
MSVOA_N
ClientSampled :
MW-2B

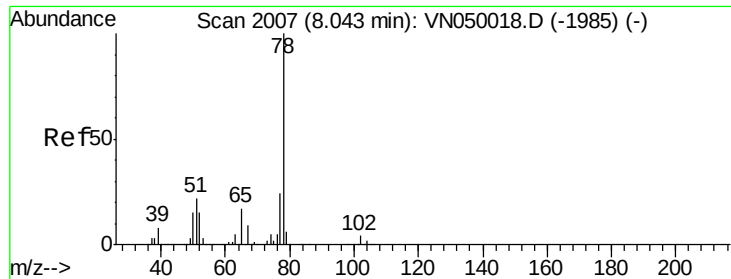
Tot Ion:117 Resp: 76893
Ion Ratio Lower Upper
117 100
119 4.1 77.4 116.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 36.93 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Tgt Ion: 83 Resp: 537891
Ion Ratio Lower Upper
83 100
55 73.7 61.8 92.8
98 46.2 36.5 54.7





#40

Benzene

Concen: 394.72 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

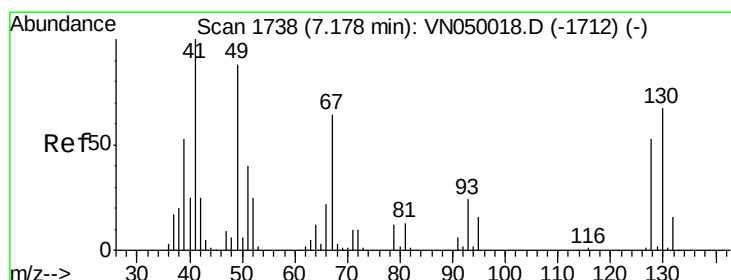
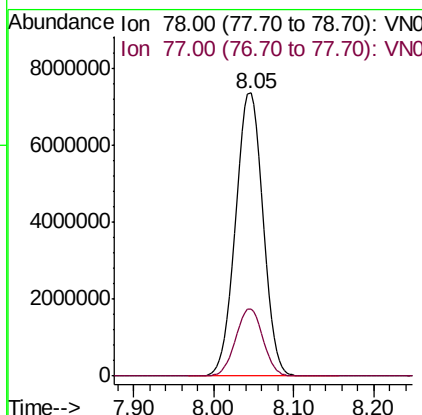
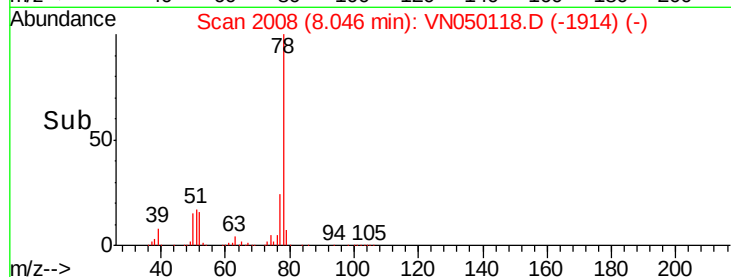
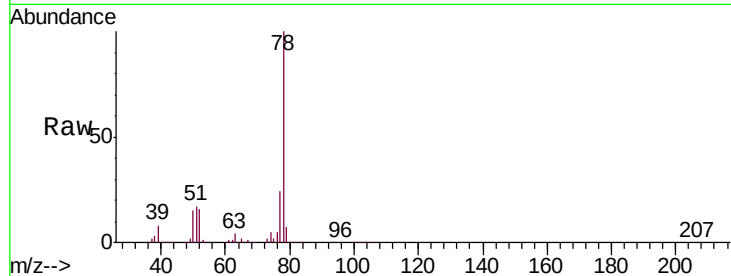
MW-2B

Tot Ion: 78 Resp:17006566

Ion Ratio Lower Upper

78 100

77 23.8 18.7 28.1



#41

Methacrylonitrile

Concen: 2.86 ug/l

RT: 7.19 min Scan# 1742

Delta R.T. 0.02 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Tgt Ion: 41 Resp: 611

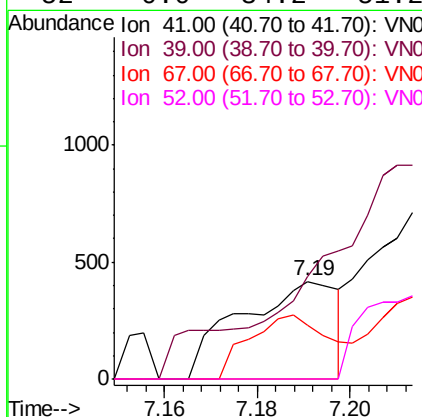
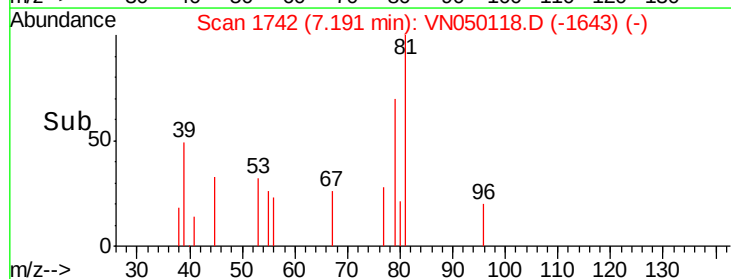
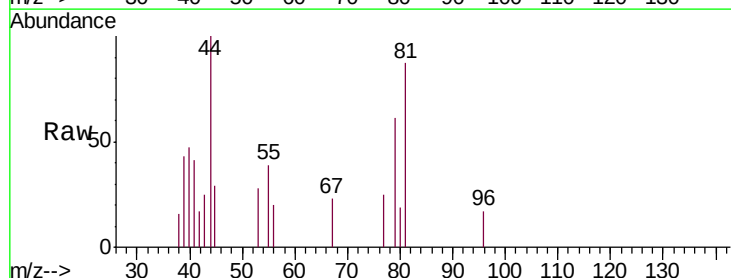
Ion Ratio Lower Upper

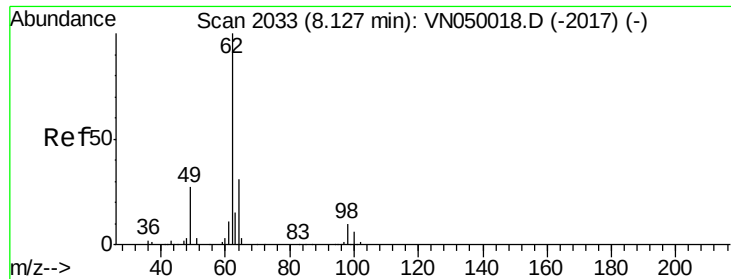
41 100

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: 9.56 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. -0.08 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

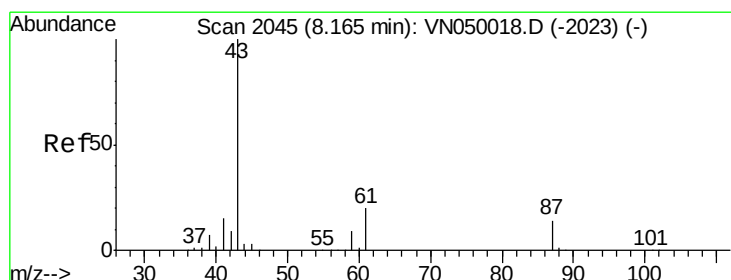
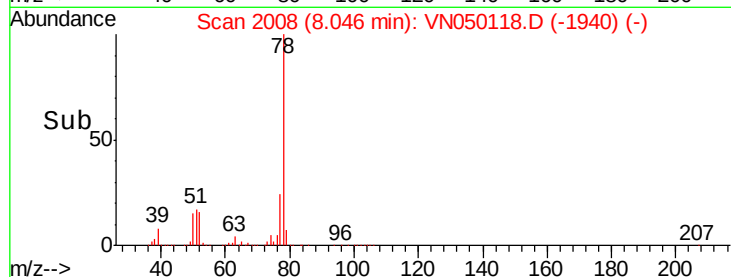
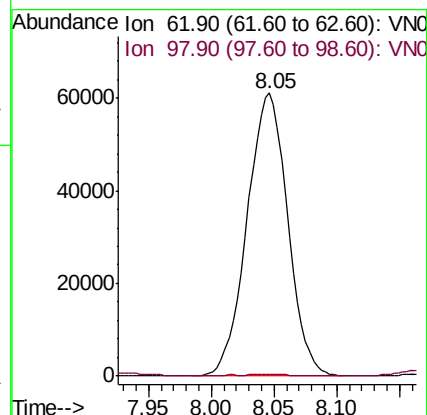
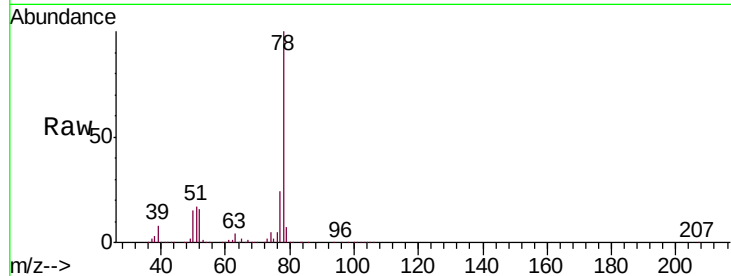
MW-2B

Tot Ion: 62 Resp: 137440

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.8



#43

Isopropyl Acetate

Concen: 19.09 ug/l

RT: 8.31 min Scan# 2091

Delta R.T. 0.15 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

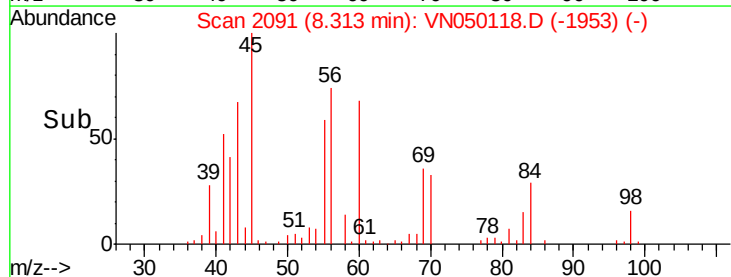
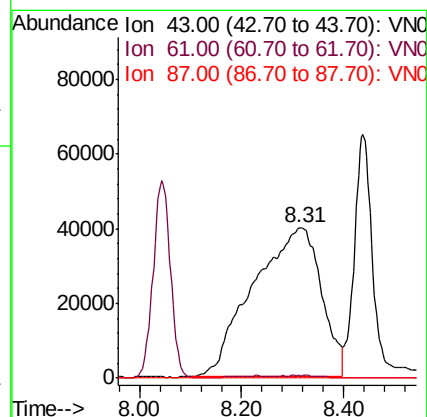
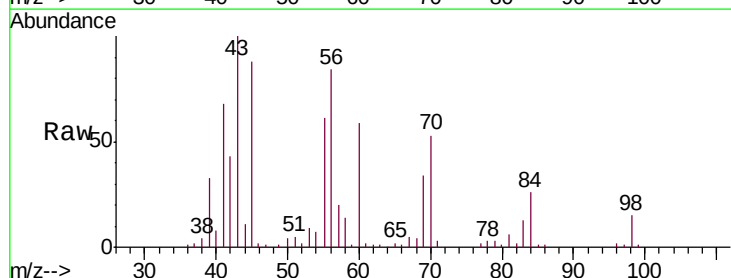
Tgt Ion: 43 Resp: 368267

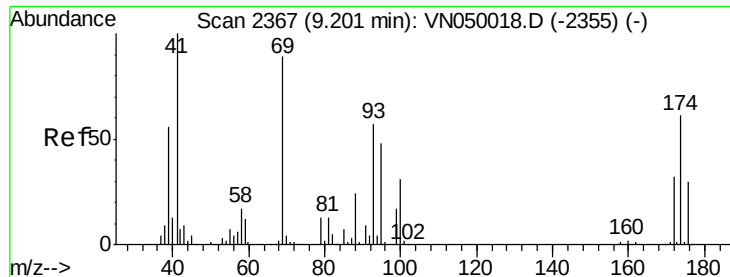
Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

87 0.0 10.3 15.5#

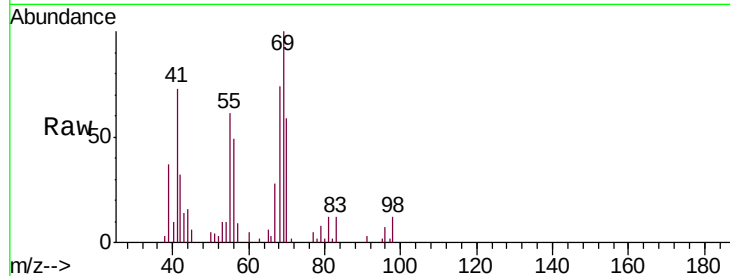




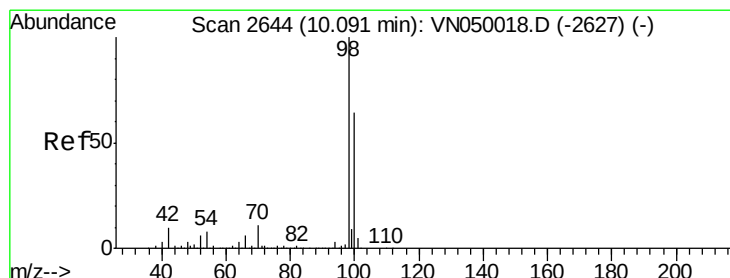
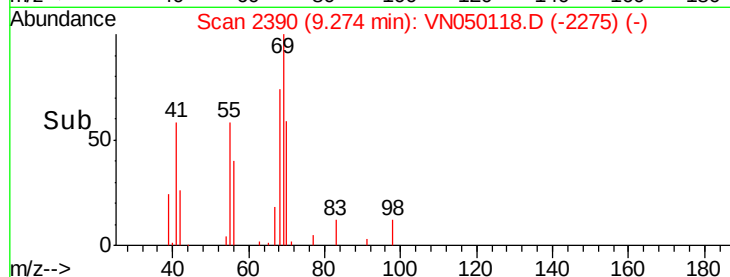
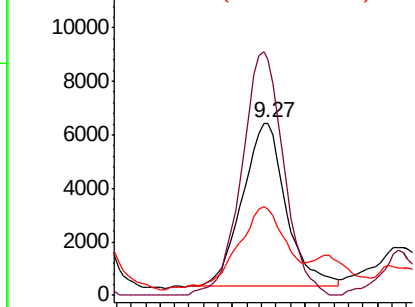
#48
Methvl methacrylate
Concen: 1.50 ug/l
RT: 9.27 min Scan# 2390
Delta R.T. 0.07 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Instrument :
MSVOA_N
ClientSampled :
MW-2B

Tot Ion: 41 Resp: 12756
Ion Ratio Lower Upper
41 100
69 143.5 70.6 105.8#
39 53.8 43.9 65.9

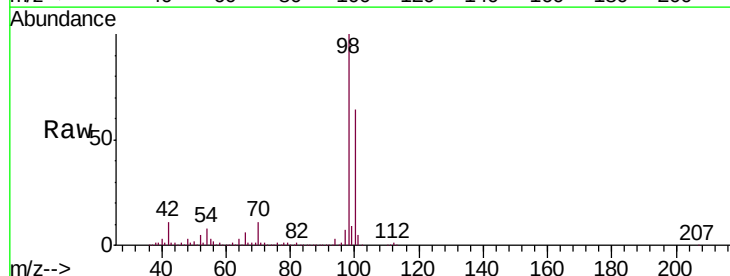


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

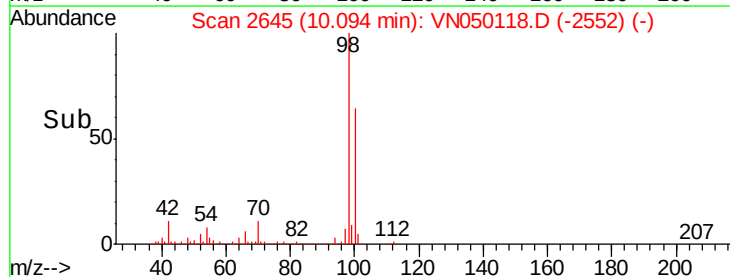
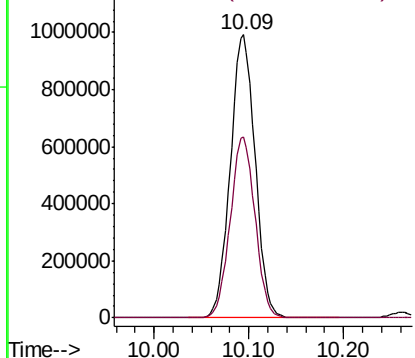


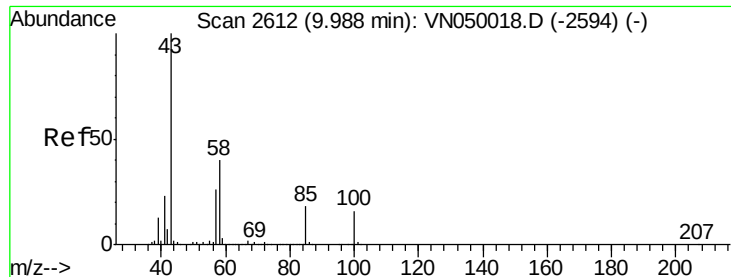
#50
Toluene-d8
Concen: 47.92 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Tgt Ion: 98 Resp: 1807854
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



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

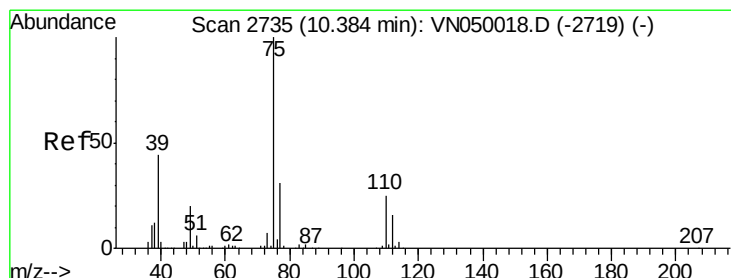
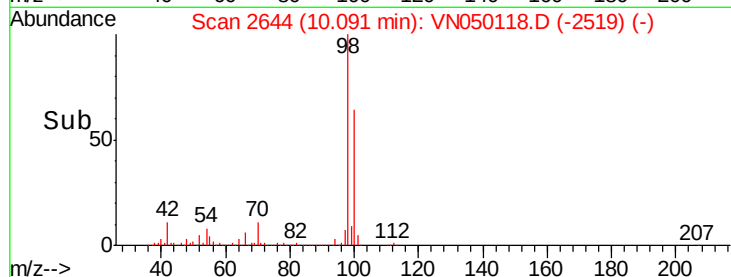
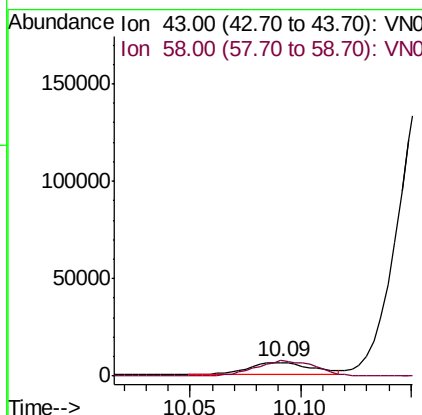
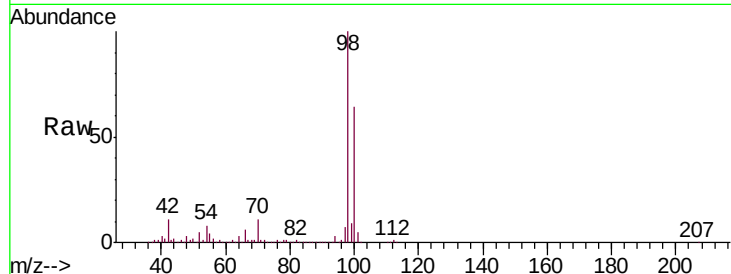




#51
4-Methyl-2-Pentanone
Concen: 1.37 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.10 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

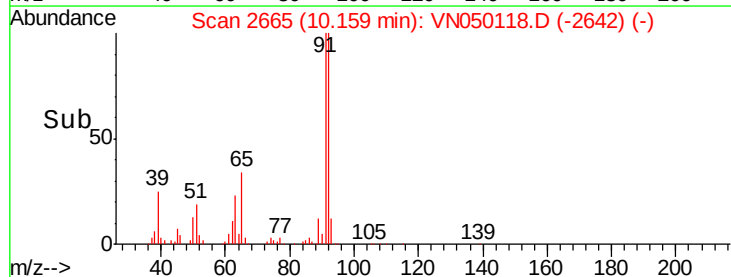
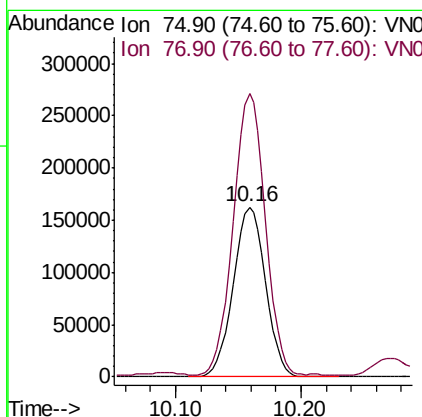
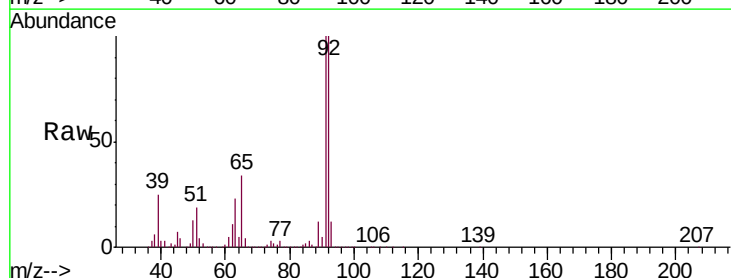
Instrument :
MSVOA_N
ClientSampled :
MW-2B

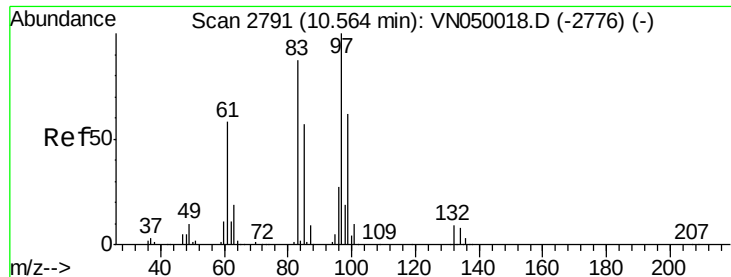
Tot Ion: 43 Resp: 13323
Ion Ratio Lower Upper
43 100
58 112.2 31.9 47.9#



#53
t-1,3-Dichloropropene
Concen: 20.58 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. -0.23 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Tgt Ion: 75 Resp: 290478
Ion Ratio Lower Upper
75 100
77 166.2 24.9 37.3#

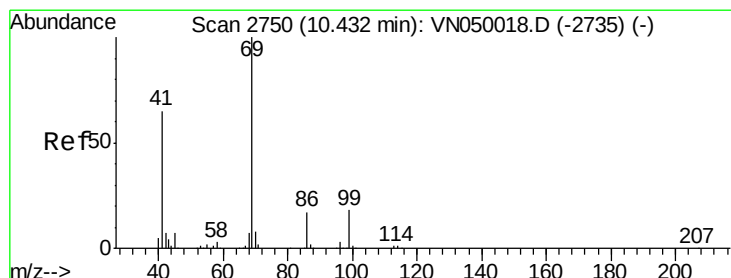
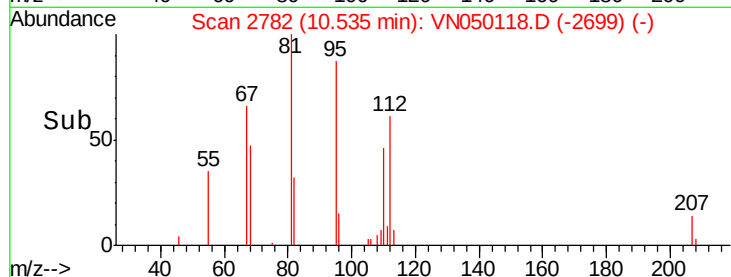
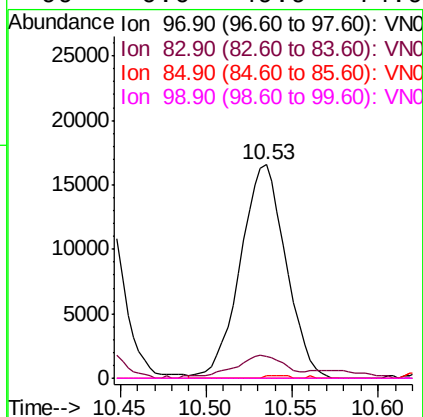
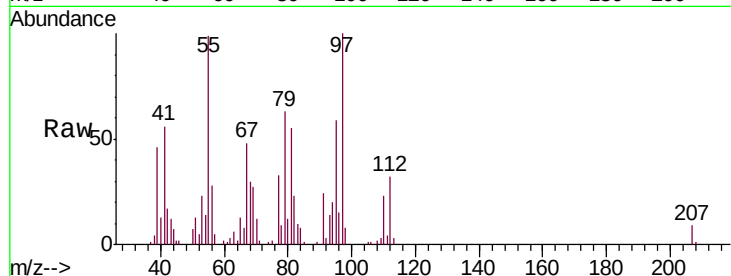




#55
 1,1,2-Trichloroethane
 Concen: 3.02 ug/l
 RT: 10.53 min Scan# 2782
 Delta R.T. -0.03 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

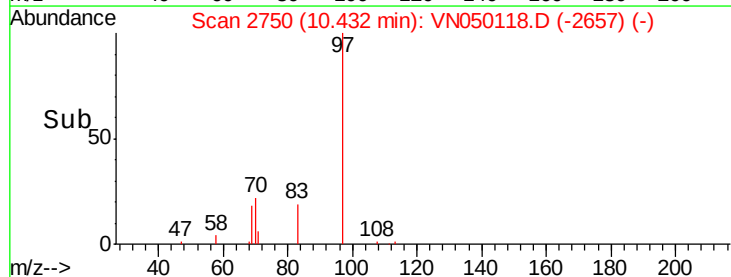
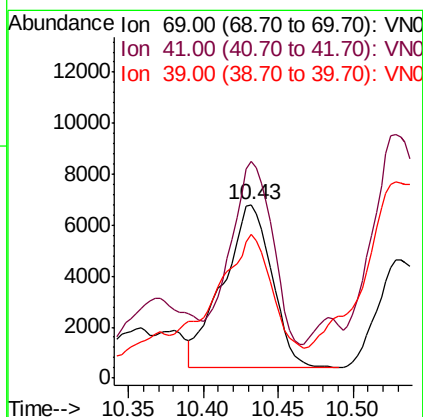
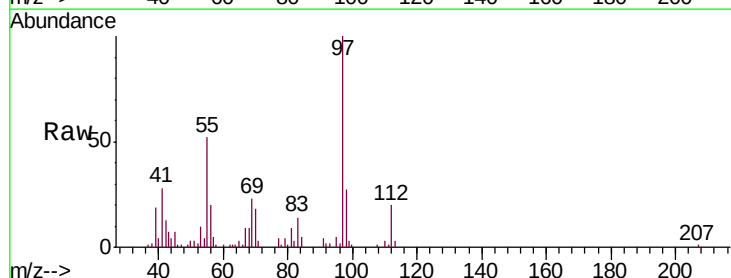
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

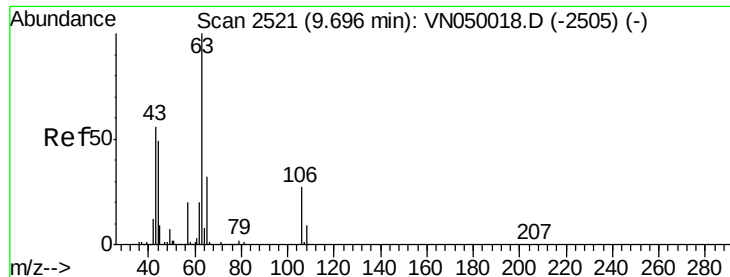
Tot Ion: 97 Resp: 30454
 Ion Ratio Lower Upper
 97 100
 83 9.3 69.2 103.8#
 85 0.9 44.0 66.0#
 99 0.0 49.9 74.9#



#56
 Ethyl methacrylate
 Concen: 3.06 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

Tgt Ion: 69 Resp: 14648
 Ion Ratio Lower Upper
 69 100
 41 94.5 51.0 76.4#
 39 0.0 26.6 40.0#





#58

2-Chloroethyl Vinyl ether

Concen: 8.66 ug/l

RT: 9.68 min Scan# 2515

Delta R.T. -0.02 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

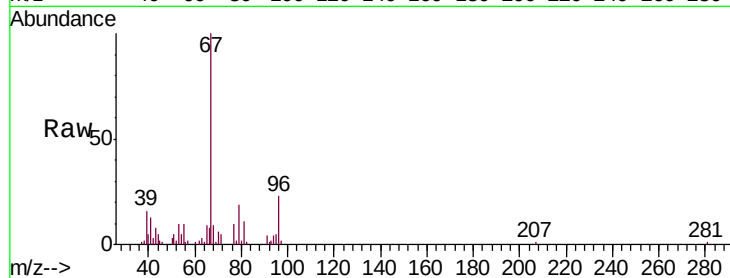
MW-2B

Tot Ion: 63 Resp: 893

Ion Ratio Lower Upper

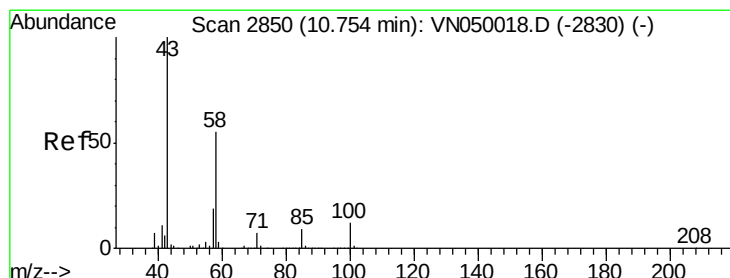
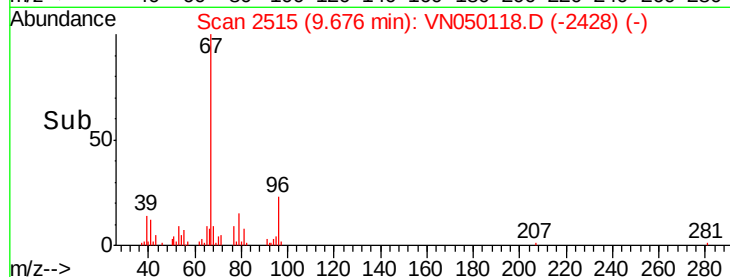
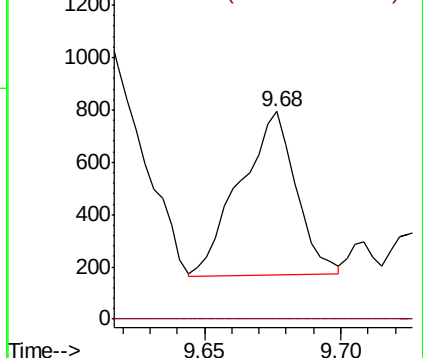
63 100

106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 5.34 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050118.D

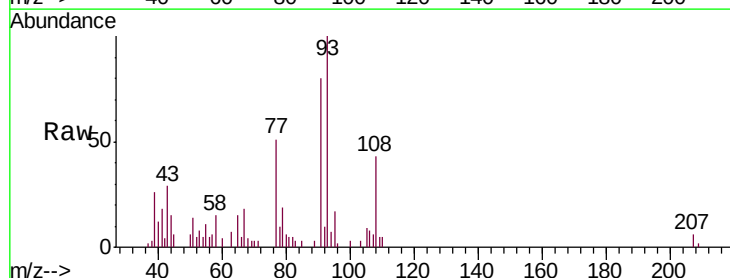
Acq: 27 Jul 2018 6:58

Tgt Ion: 43 Resp: 1210

Ion Ratio Lower Upper

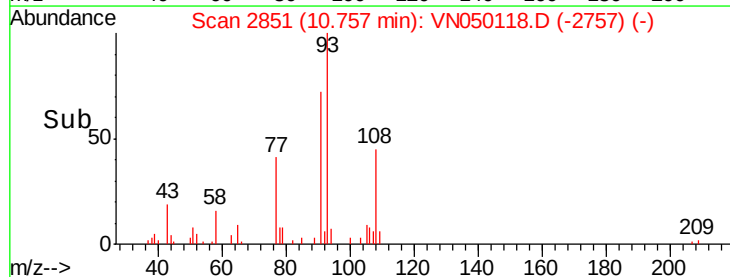
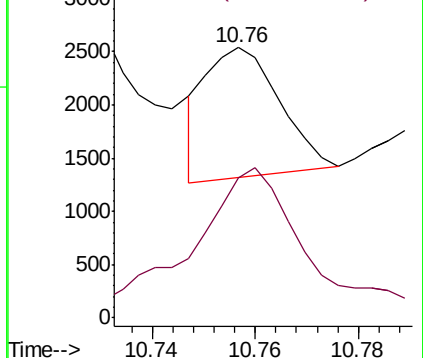
43 100

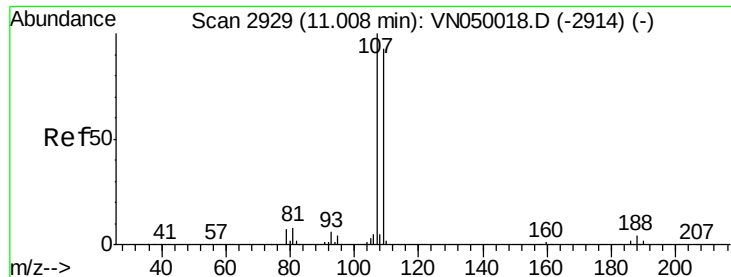
58 181.9 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

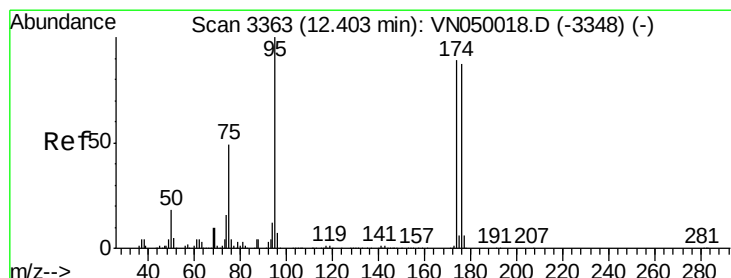
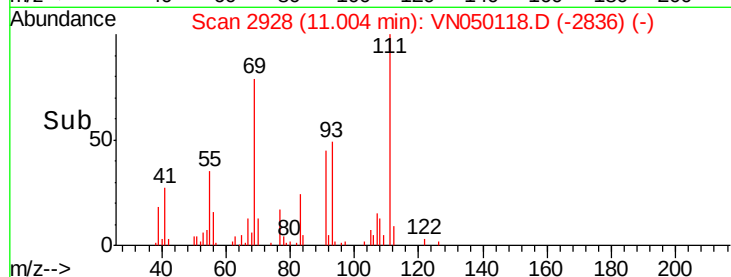
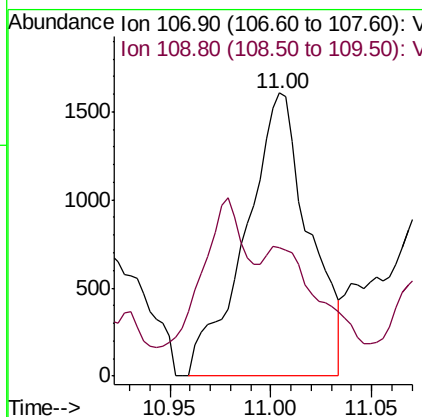
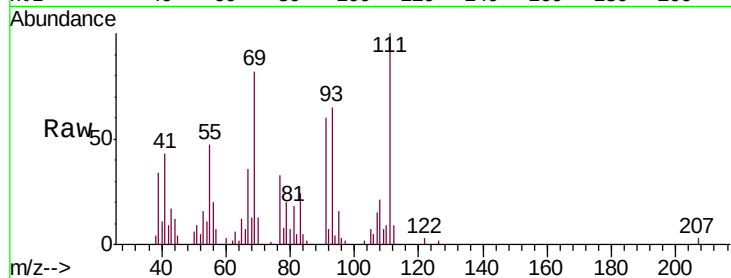




#61
 1,2-Dibromoethane
 Concen: 0.35 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

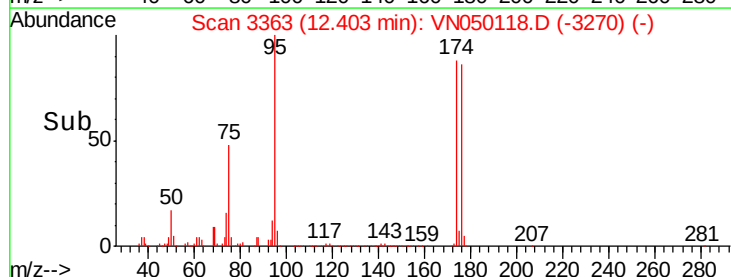
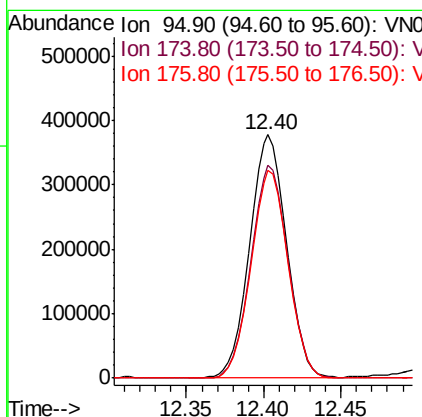
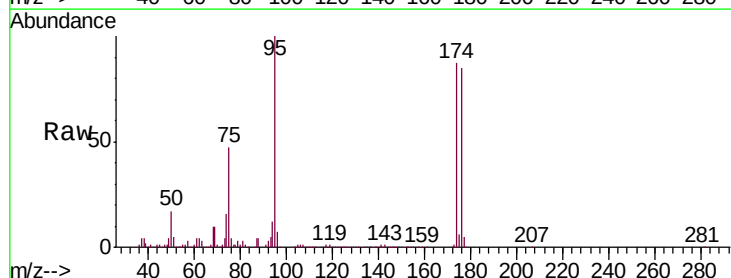
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2B

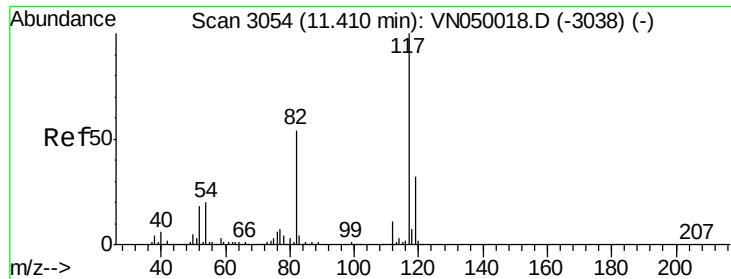
Tot Ion:107 Resp: 3514
 Ion Ratio Lower Upper
 107 100
 109 0.0 74.6 112.0#



#62
 4-Bromofluorobenzene
 Concen: 50.18 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

Tgt Ion: 95 Resp: 623262
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 178.2
 176 86.3 0.0 173.4

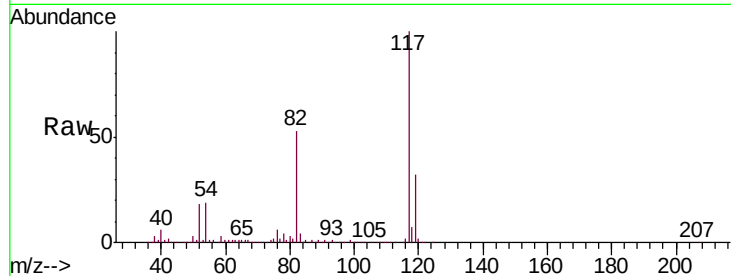




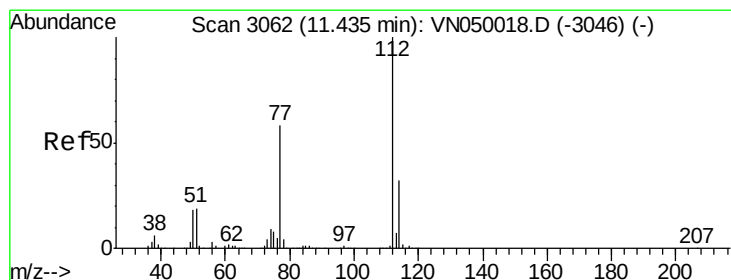
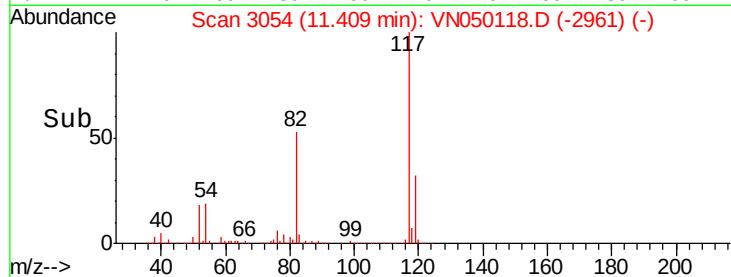
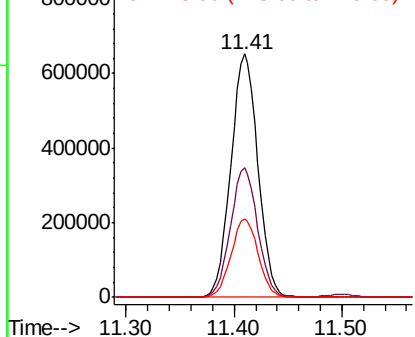
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Instrument :
MSVOA_N
ClientSampled :
MW-2B

Tot Ion:117 Resp: 1137979
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 32.4 26.1 39.1

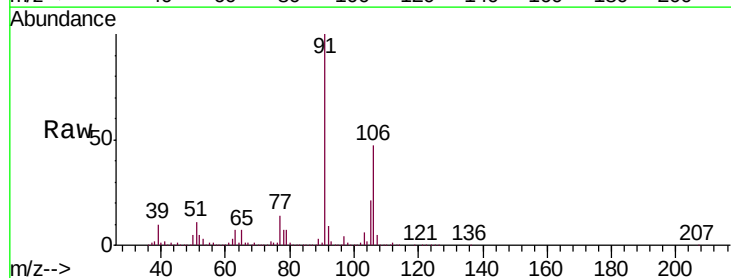


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

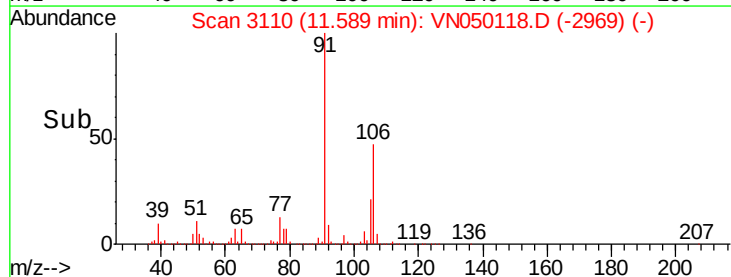
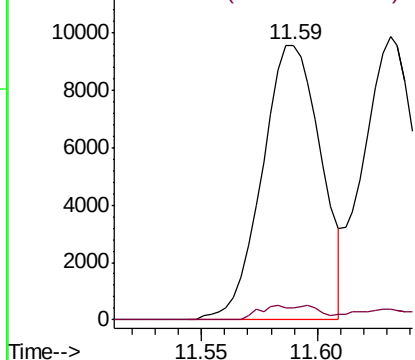


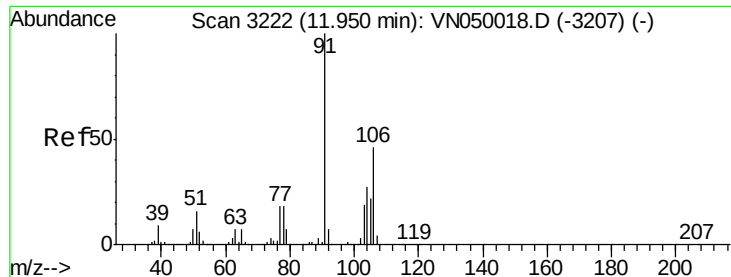
#65
Chlorobenzene
Concen: 0.59 ug/l
RT: 11.59 min Scan# 3110
Delta R.T. 0.15 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Tgt Ion:112 Resp: 16831
Ion Ratio Lower Upper
112 100
114 4.2 25.6 38.4#



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

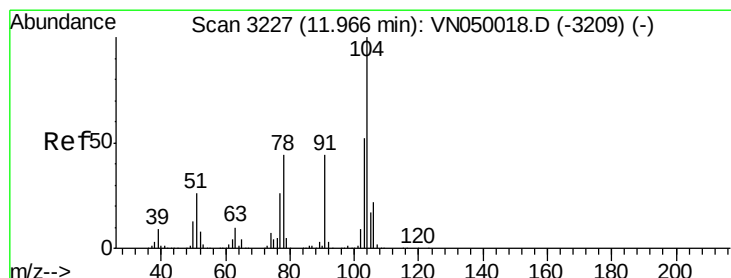
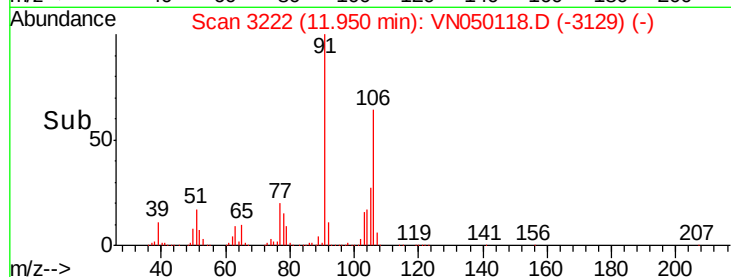
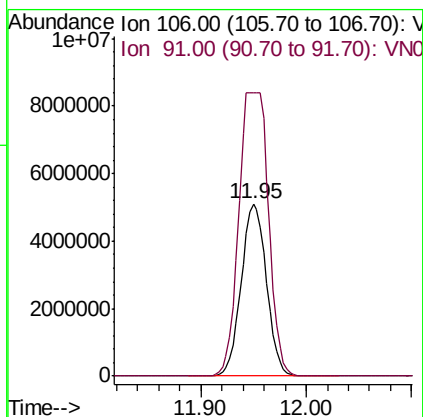
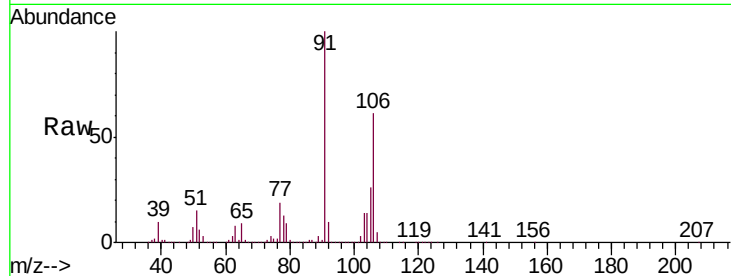




#69
o-Xylene
Concen: 506.60 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

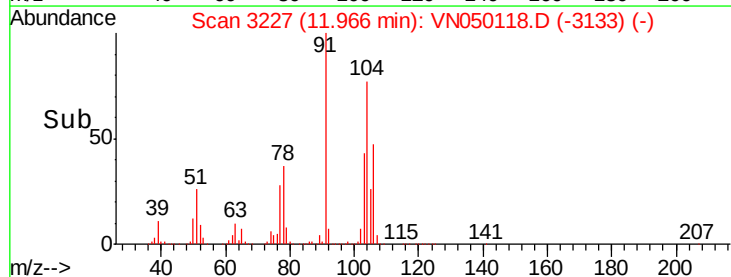
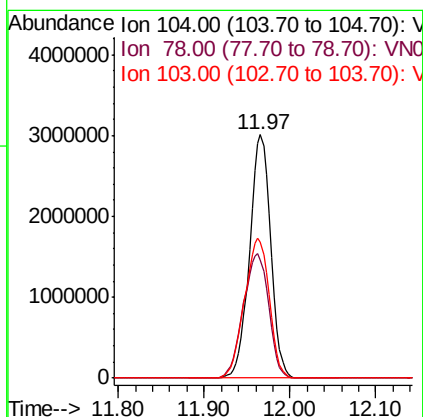
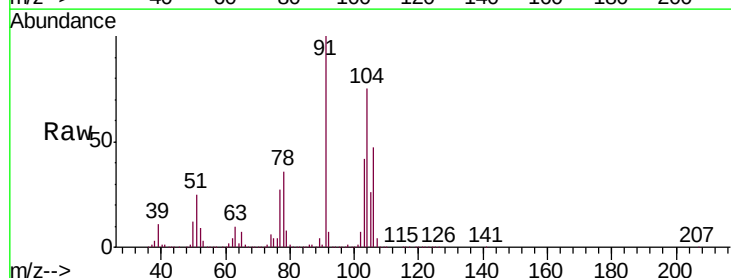
Instrument :
MSVOA_N
ClientSampled :
MW-2B

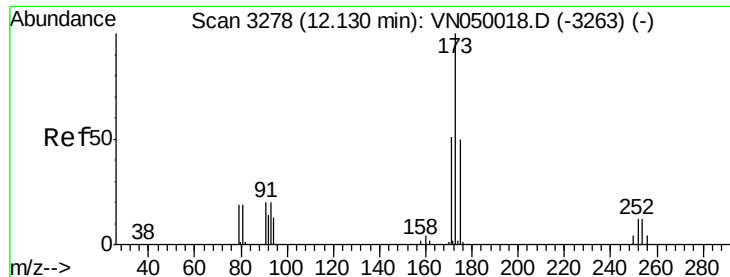
Tot Ion:106 Resp: 8434803
Ion Ratio Lower Upper
106 100
91 0.0 107.7 323.1#



#70
Styrene
Concen: 170.91 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050118.D
Acq: 27 Jul 2018 6:58

Tgt Ion:104 Resp: 5128313
Ion Ratio Lower Upper
104 100
78 61.6 39.3 58.9#
103 67.4 45.0 67.6





#71

Bromoform

Concen: 0.26 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

MW-2B

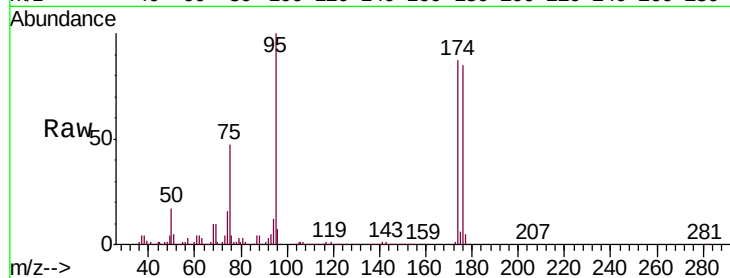
Tot Ion:173 Resp: 2097

Ion Ratio Lower Upper

173 100

175 1710.6 24.1 72.2#

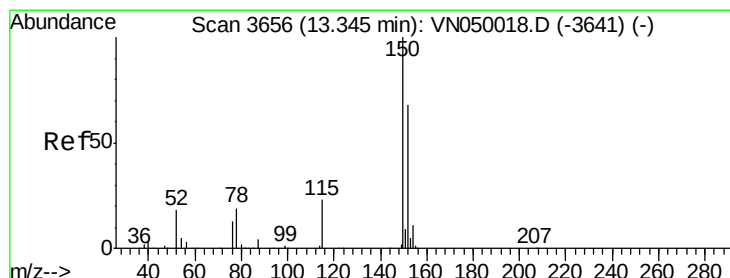
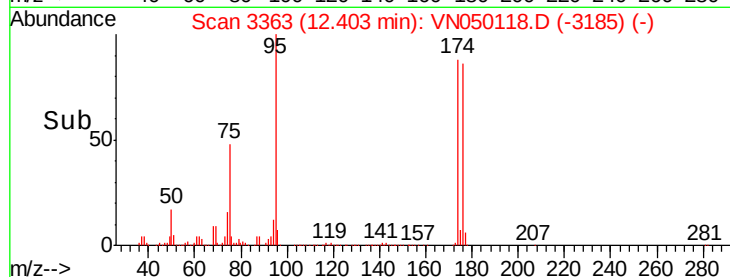
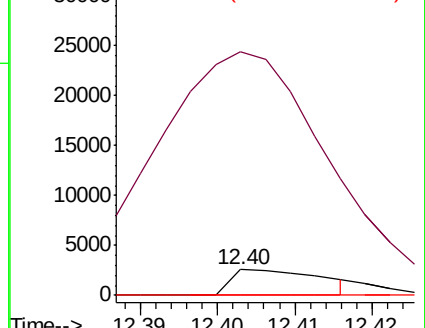
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

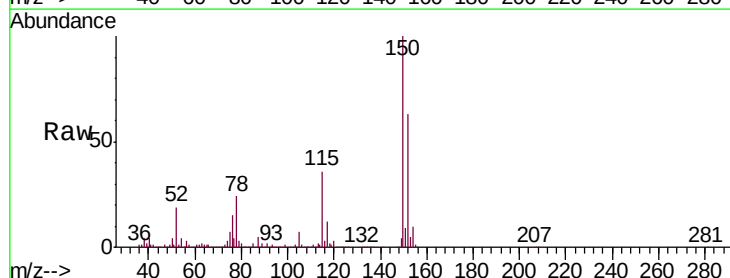
Tgt Ion:152 Resp: 607285

Ion Ratio Lower Upper

152 100

115 52.2 27.8 83.3

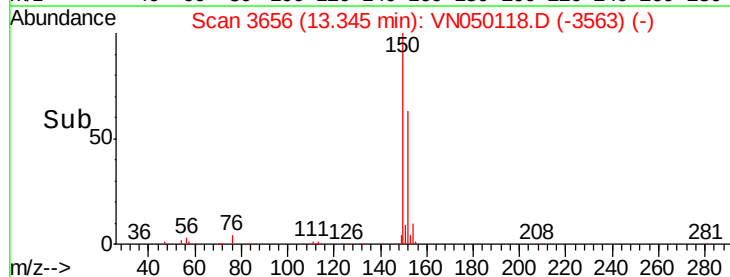
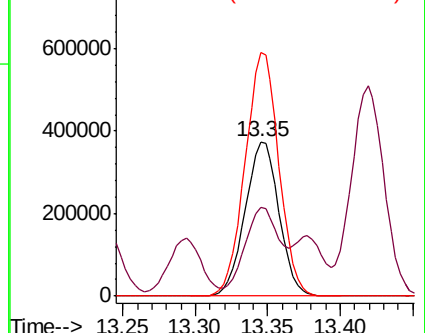
150 157.2 0.0 348.6

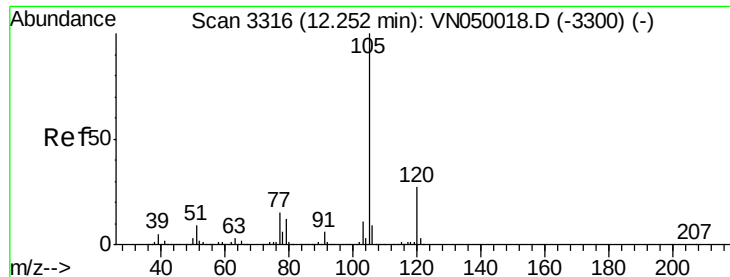


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 70.03 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

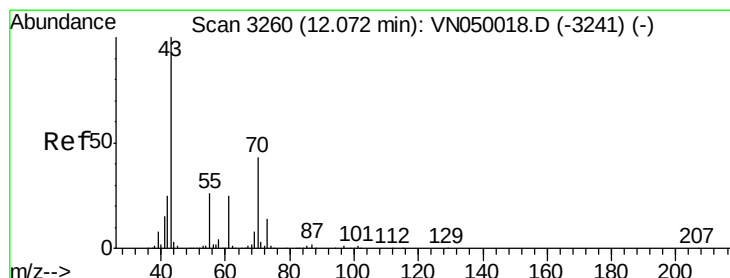
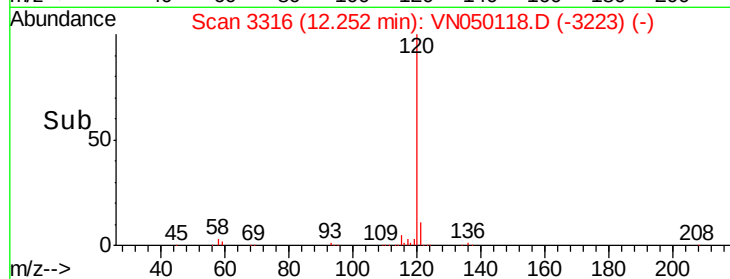
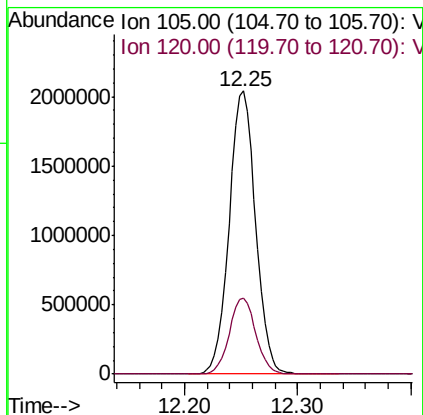
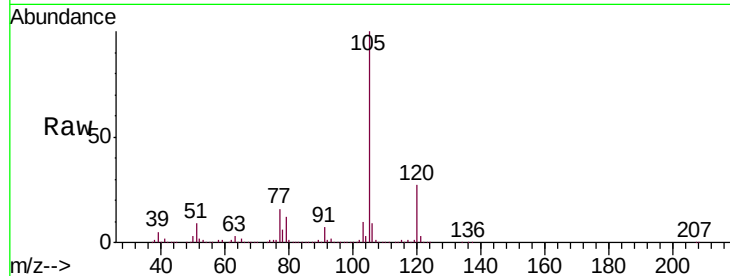
MW-2B

Tot Ion:105 Resp: 3298239

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 1.90 ug/l

RT: 12.03 min Scan# 3246

Delta R.T. -0.05 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Tgt Ion: 43 Resp: 27306

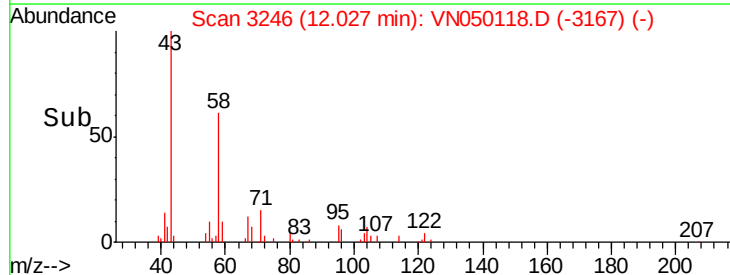
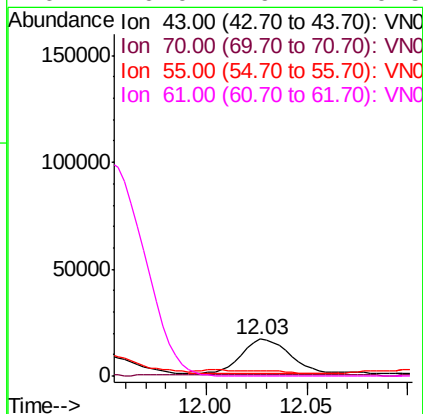
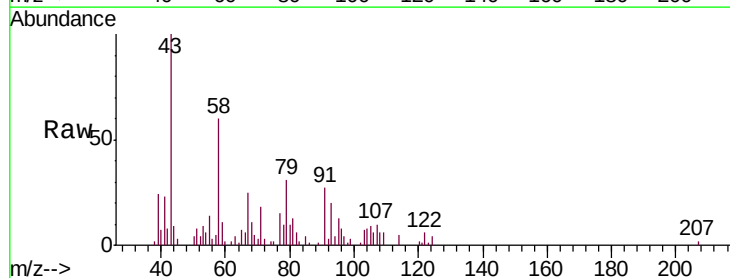
Ion Ratio Lower Upper

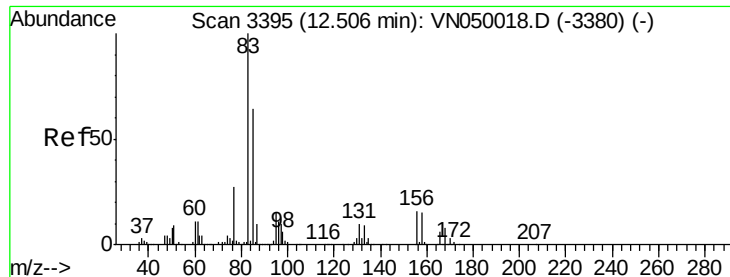
43 100

70 0.0 34.4 51.6#

55 0.0 20.8 31.2#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3389

Delta R.T. -0.02 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

MW-2B

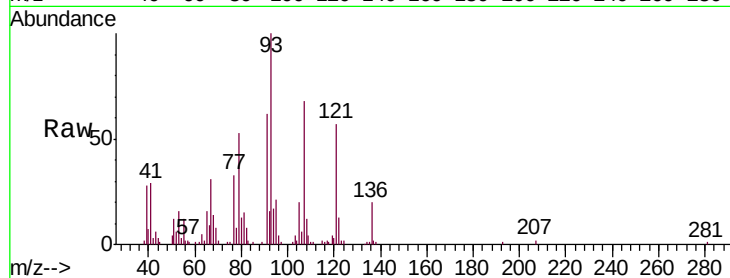
Tot Ion: 83 Resp: 152

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.49

600

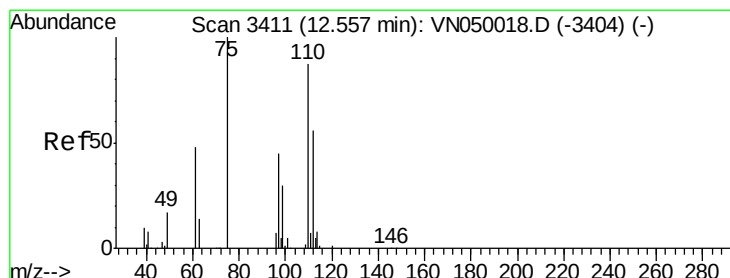
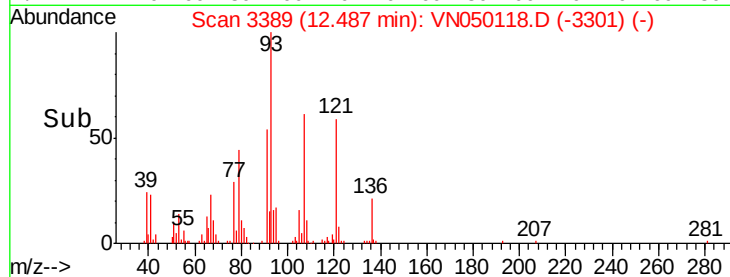
400

200

0

12.47 12.48 12.49 12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.21 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.03 min

Lab File: VN050118.D

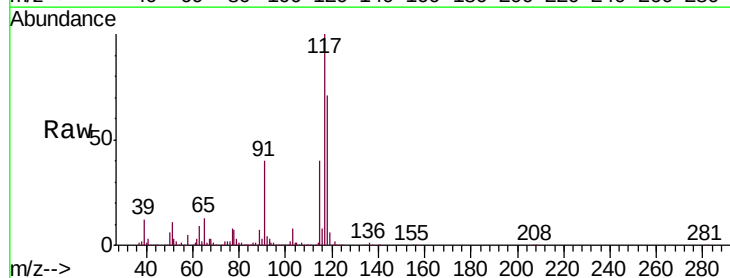
Acq: 27 Jul 2018 6:58

Tgt Ion: 75 Resp: 13705

Ion Ratio Lower Upper

75 100

77 512.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

100000

80000

60000

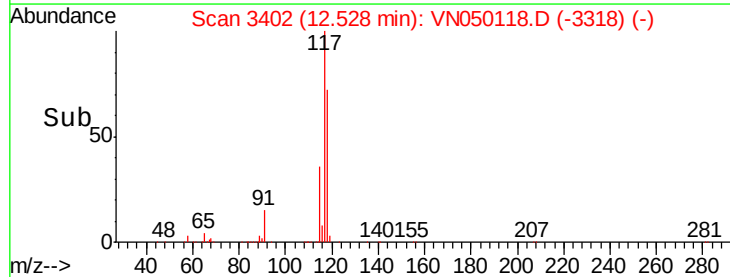
40000

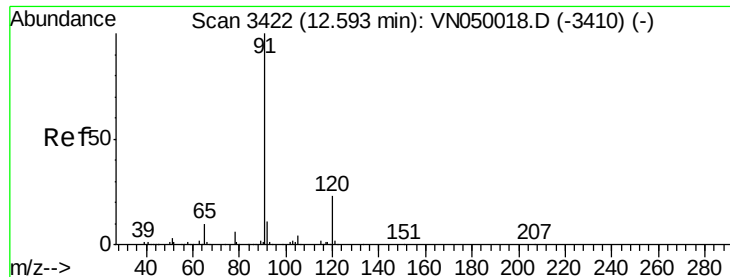
20000

0

12.45 12.50 12.55

Time-->





#78

n-propylbenzene

Concen: 47.59 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

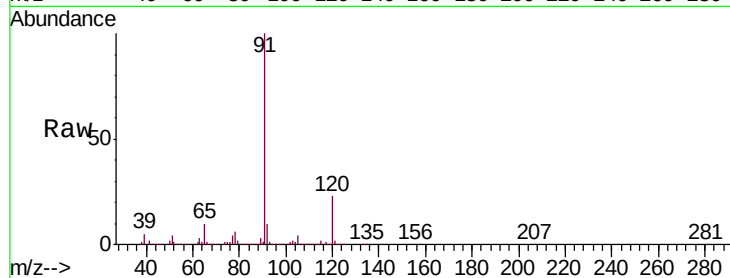
MW-2B

Tot Ion: 91 Resp: 2505471

Ion Ratio Lower Upper

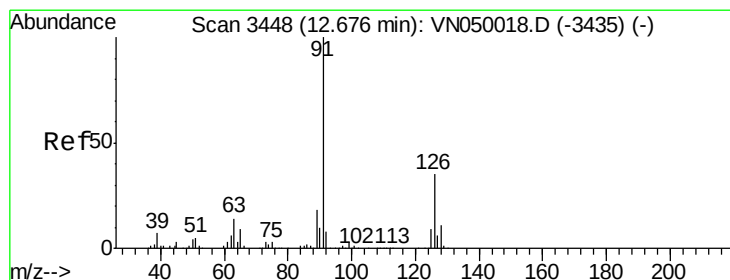
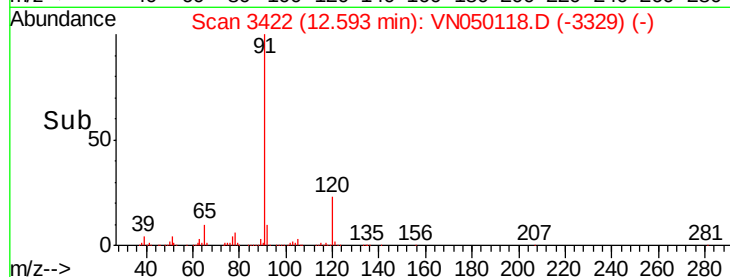
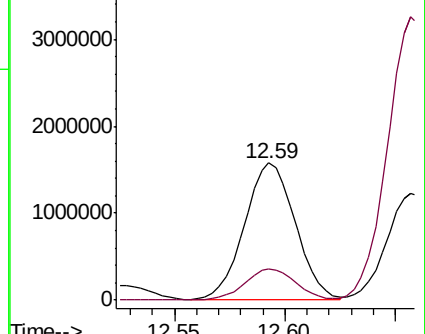
91 100

120 22.9 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: 72.60 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN050118.D

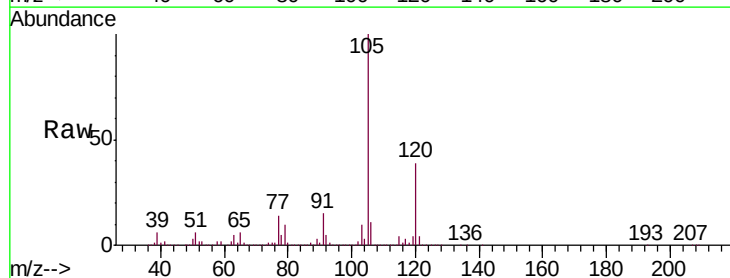
Acq: 27 Jul 2018 6:58

Tgt Ion: 91 Resp: 2368973

Ion Ratio Lower Upper

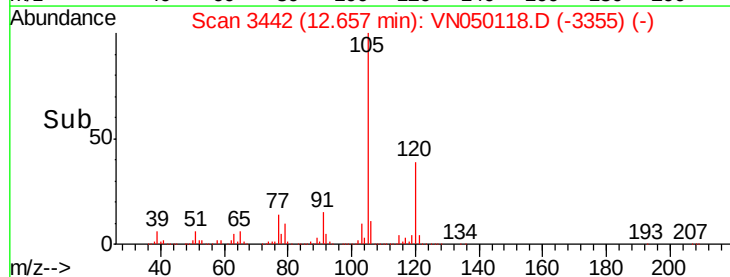
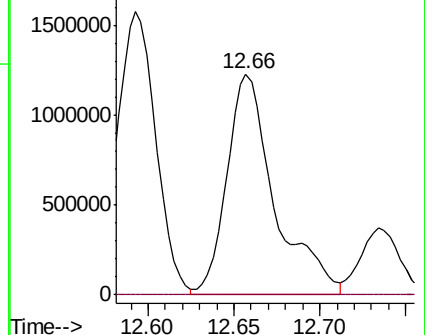
91 100

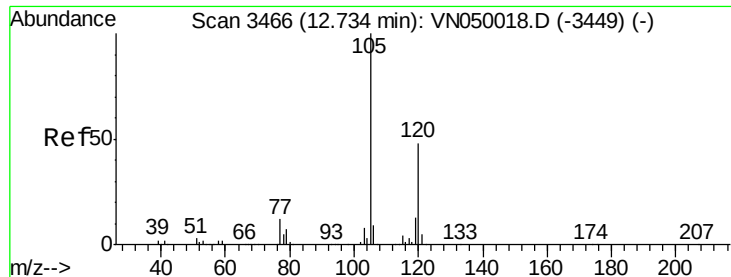
126 0.3 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 155.12 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

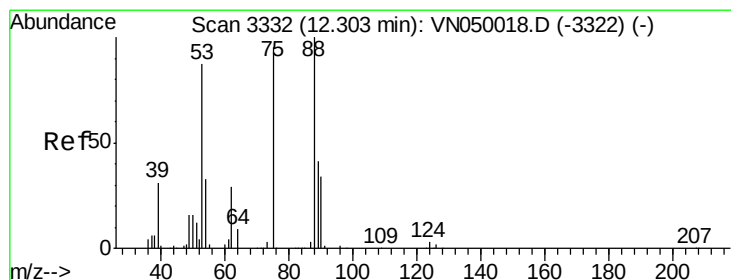
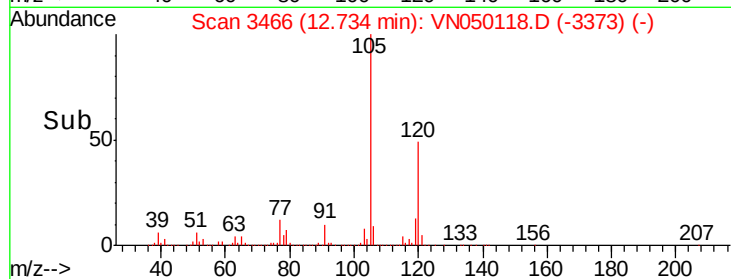
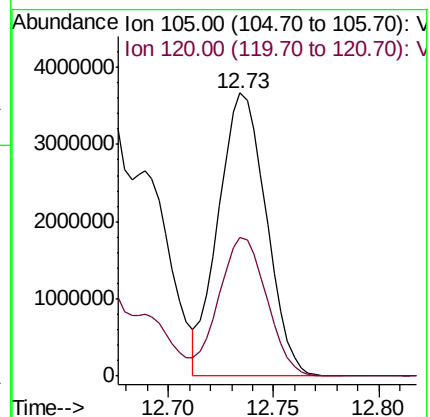
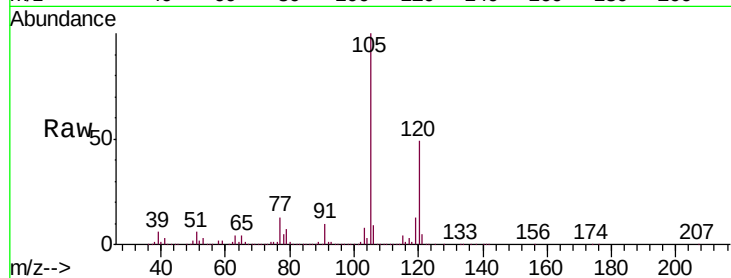
MW-2B

Tot Ion:105 Resp: 5746653

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 10.21 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.05 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

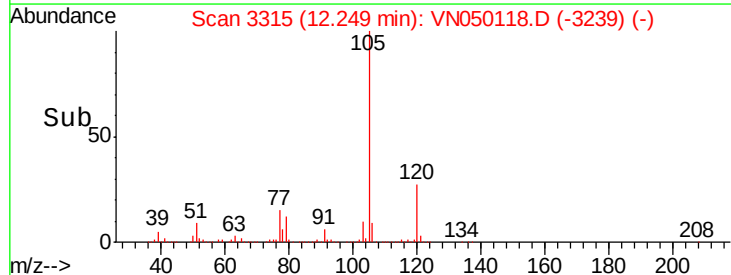
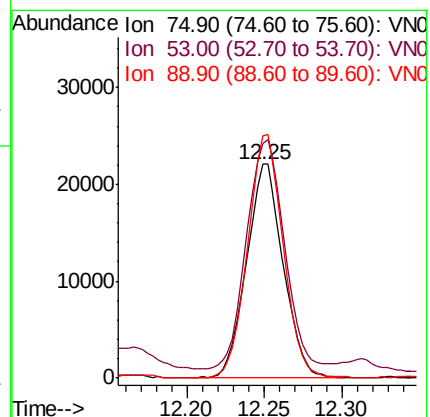
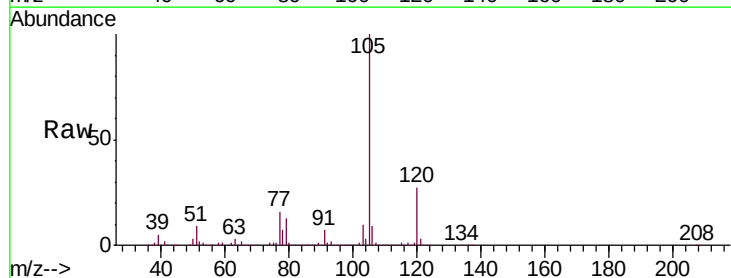
Tgt Ion: 75 Resp: 36320

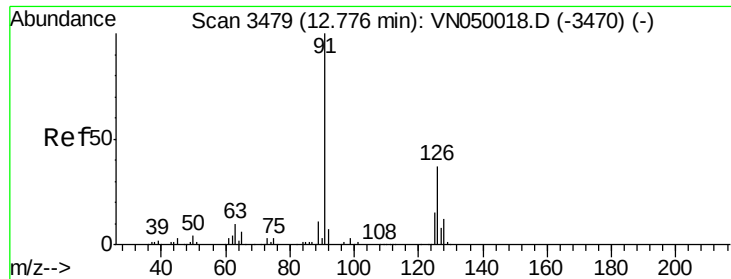
Ion Ratio Lower Upper

75 100

53 111.5 73.5 110.3#

89 111.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 17.92 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

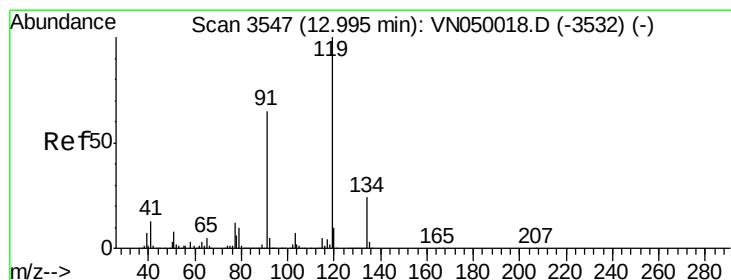
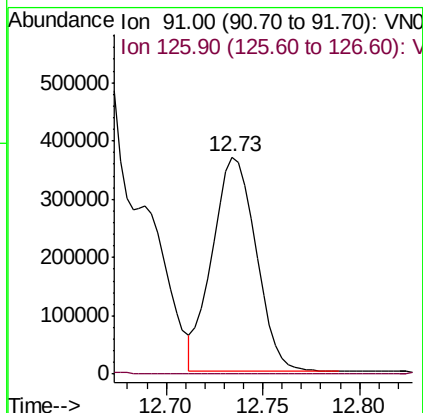
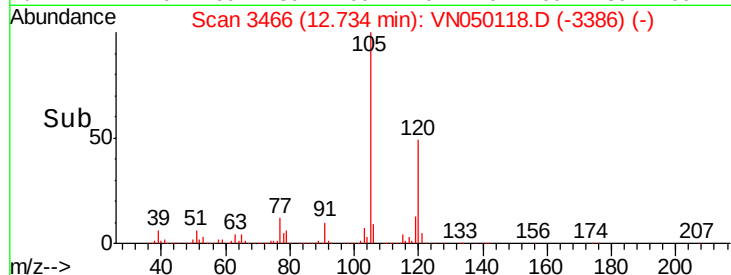
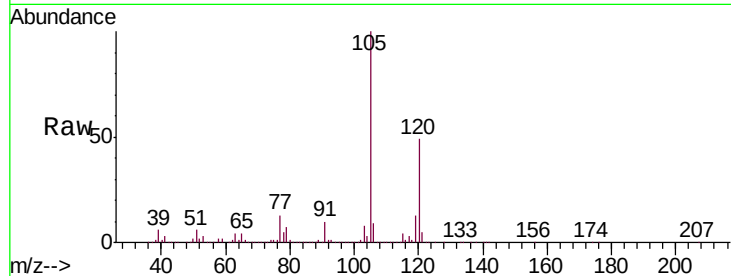
MW-2B

Tot Ion: 91 Resp: 579080

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#



#83

tert-Butylbenzene

Concen: 55.62 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.04 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

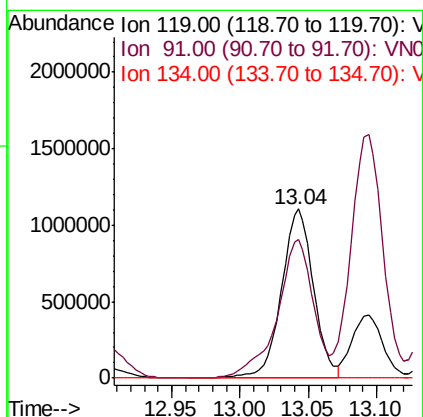
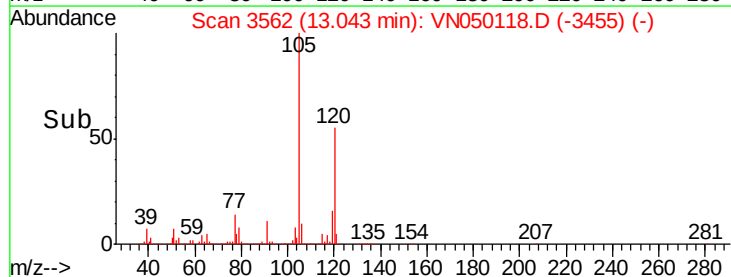
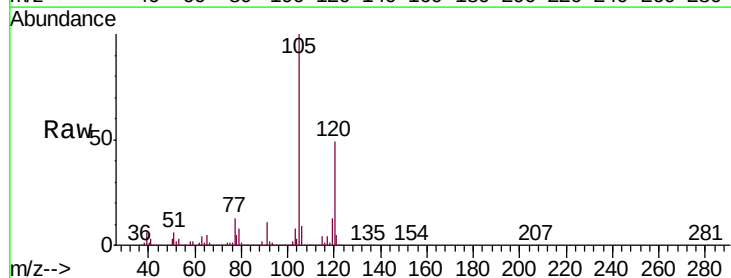
Tgt Ion: 119 Resp: 1798143

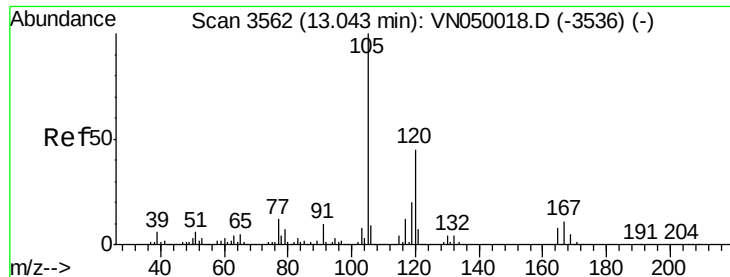
Ion Ratio Lower Upper

119 100

91 91.3 32.1 96.3

134 0.0 13.2 39.5#

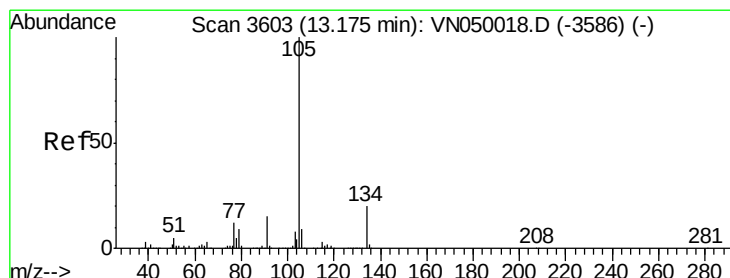
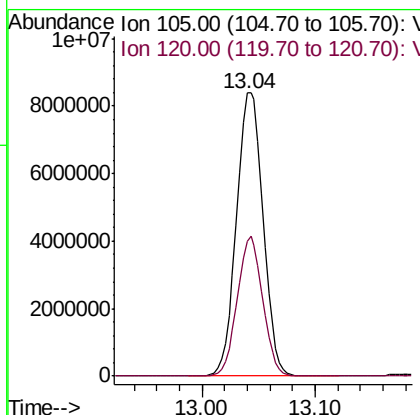
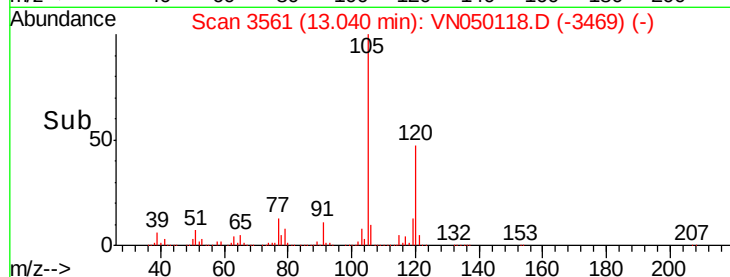
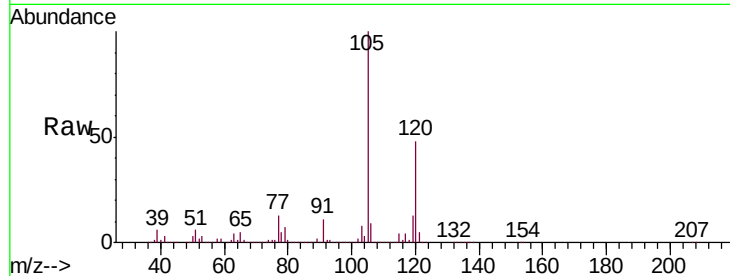




#84
 1,2,4-Trimethylbenzene
 Concen: 368.09 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

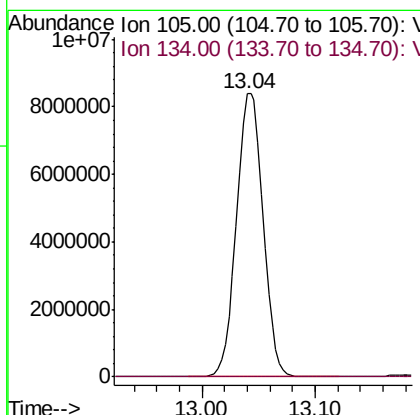
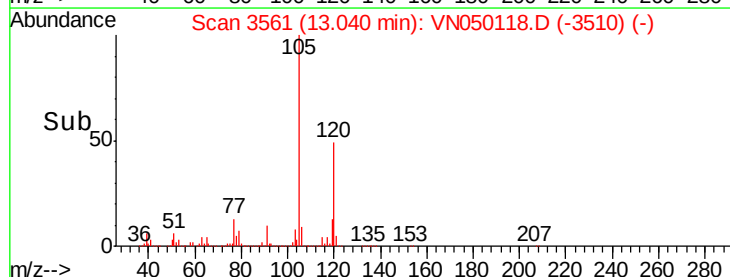
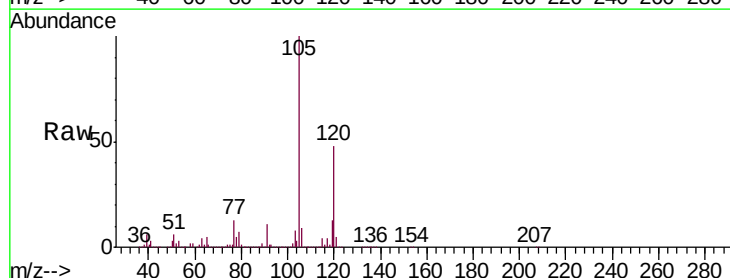
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

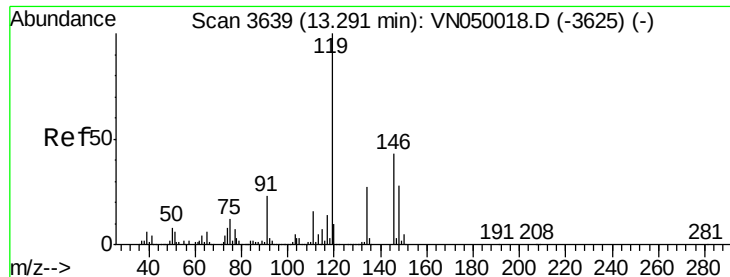
Tot Ion:105 Resp:13744795
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 318.18 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.14 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

Tgt Ion:105 Resp:13744795
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

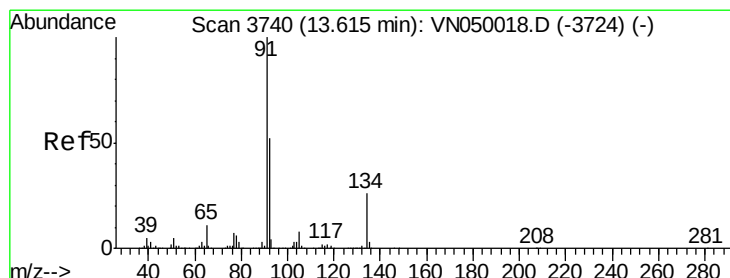
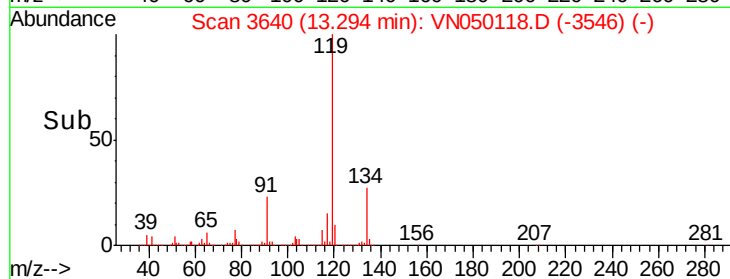
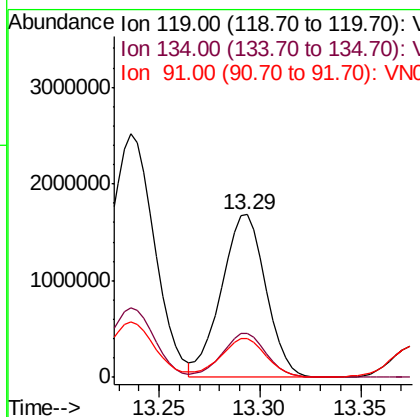
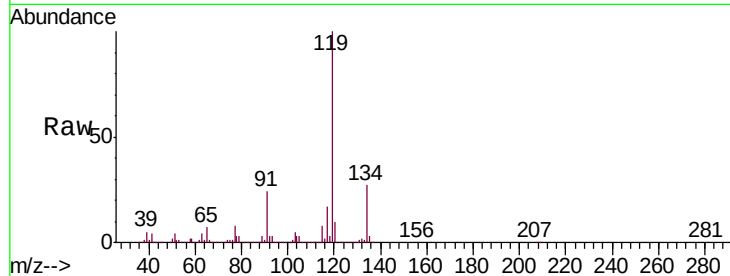




#86
 p-Isopropyltoluene
 Concen: 71.07 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

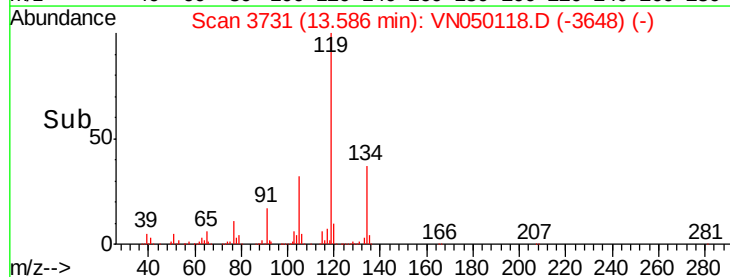
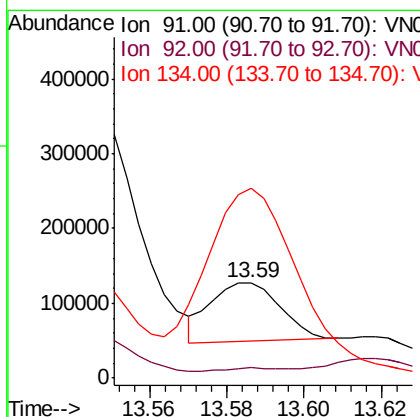
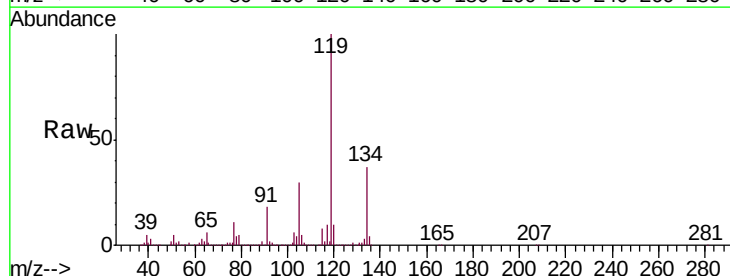
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2B

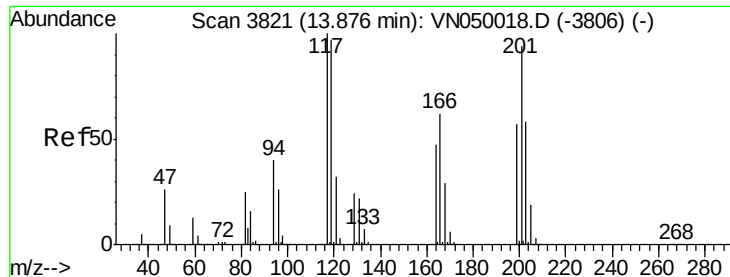
Tot Ion:119 Resp: 2586826
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 24.1 11.4 34.2



#89
 n-Butylbenzene
 Concen: 3.30 ug/l
 RT: 13.59 min Scan# 3731
 Delta R.T. -0.03 min
 Lab File: VN050118.D
 Acq: 27 Jul 2018 6:58

Tgt Ion: 91 Resp: 98788
 Ion Ratio Lower Upper
 91 100
 92 13.9 25.8 77.4#
 134 444.2 12.8 38.4#





#90

Hexachloroethane

Concen: 22.84 ug/l

RT: 13.88 min Scan# 3823

Delta R.T. 0.01 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampled :

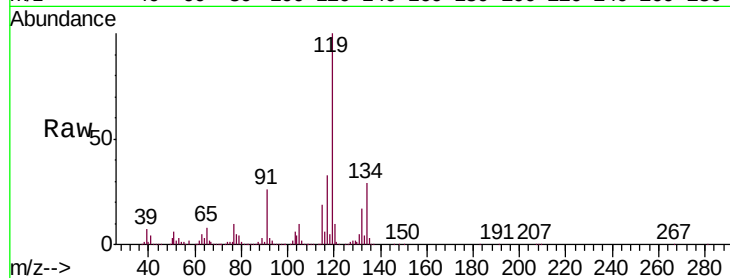
MW-2B

Tot Ion:117 Resp: 184581

Ion Ratio Lower Upper

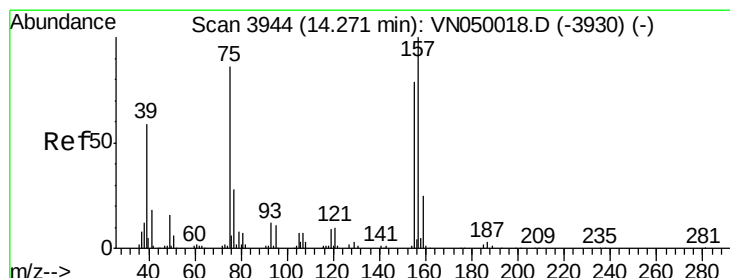
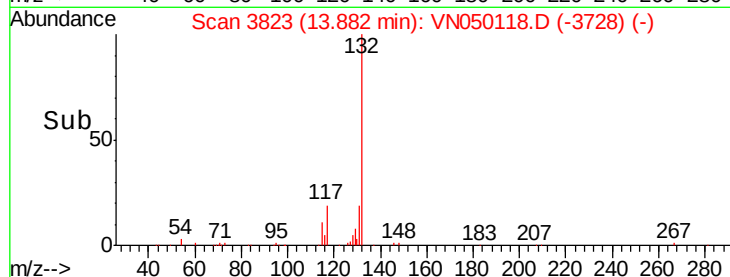
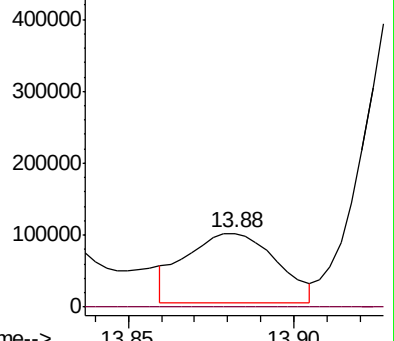
117 100

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: 18.36 ug/l

RT: 14.26 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

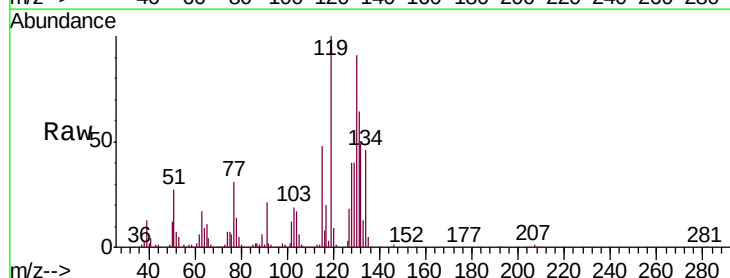
Tgt Ion: 75 Resp: 39606

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

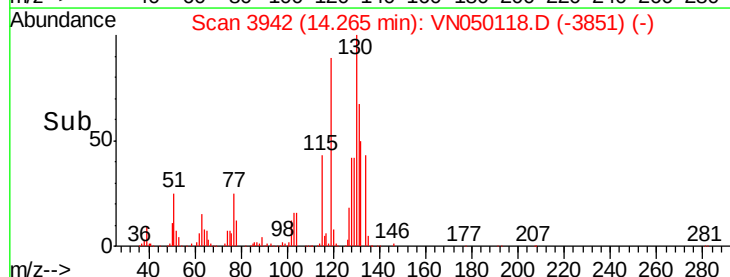
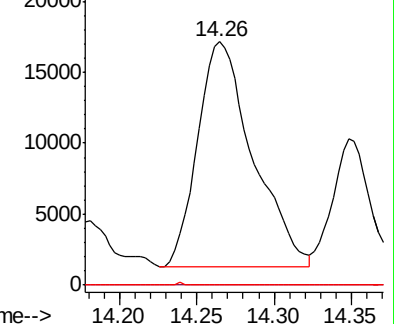
157 0.0 57.2 171.6#

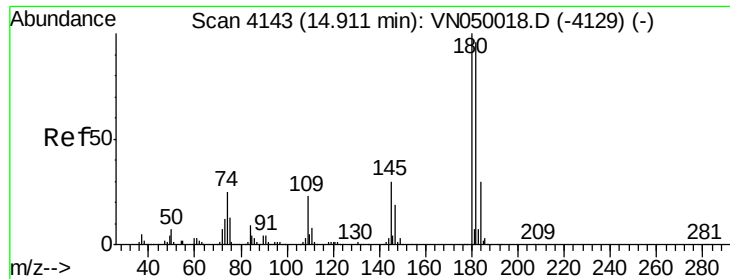


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.11 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

Instrument :

MSVOA_N

ClientSampleId :

MW-2B

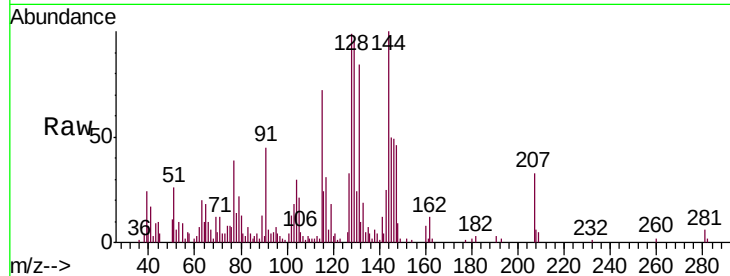
Tot Ion:180 Resp: 252

Ion Ratio Lower Upper

180 100

182 200.0 46.7 140.1#

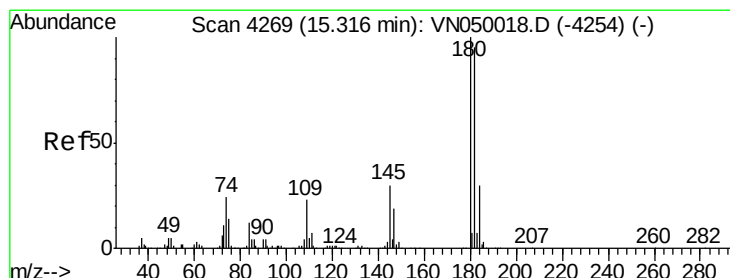
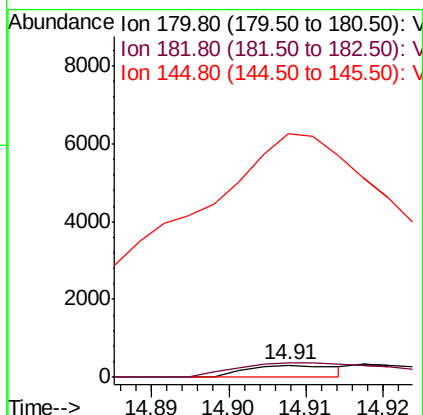
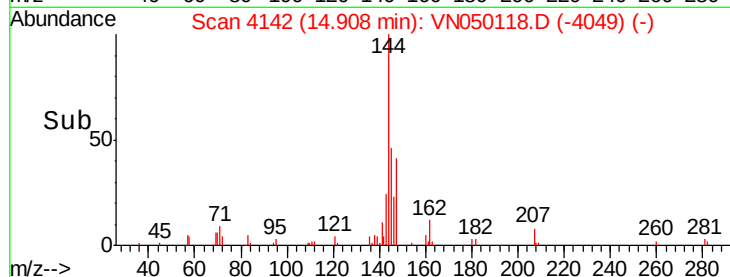
145 3604.4 13.8 41.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#96

1,2,3-Trichlorobenzene

Concen: 2.24 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050118.D

Acq: 27 Jul 2018 6:58

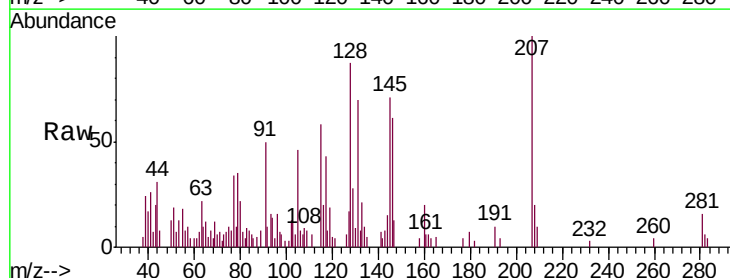
Tgt Ion:180 Resp: 400

Ion Ratio Lower Upper

180 100

182 15.8 48.1 144.4#

145 0.0 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

