

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050169.D
 Acq On : 28 Jul 2018 8:21
 Operator : MD\SY
 Sample : J4199-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Jul 30 01:56:01 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	663362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1078501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	912553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	461698	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.59	113	413171	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.09	98	1466117	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.40	95	440651	41.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.68%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2331	0.22	ug/l	# 81
5) Bromomethane	2.56	94	352	Below	Cal	# 94
8) Diethyl Ether	3.42	74	997	0.21	ug/l	# 37
11) Tert butyl alcohol	4.79	59	8559	12.57	ug/l	# 72
15) Acrylonitrile	5.06	53	6700	2.26	ug/l	# 23
16) Acetone	3.82	43	30299	9.72	ug/l	# 98
17) Carbon Disulfide	4.05	76	5076	0.22	ug/l	# 97
19) Methyl tert-butyl Ether	5.05	73	442206	21.70	ug/l	# 98
20) Methylene Chloride	4.55	84	2489	Below	Cal	# 88
25) 2-Butanone	6.84	43	2129	0.60	ug/l	# 97
31) Cyclohexane	7.66	56	18335	1.37	ug/l	# 6
36) 1,1-Dichloropropene	7.67	75	46202	3.80	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	58841	4.56	ug/l	# 15
39) Methylcyclohexane	9.08	83	17024	1.36	ug/l	# 95
40) Benzene	8.05	78	84190	2.28	ug/l	# 99
41) Methacrylonitrile	7.22	41	149	2.78	ug/l	# 18
43) Isopropyl Acetate	8.25	43	221839	13.05	ug/l	# 63
51) 4-Methyl-2-Pentanone	9.99	43	4139	0.50	ug/l	# 97
52) Toluene	10.16	92	5832	0.27	ug/l	# 92
55) 1,1,2-Trichloroethane	10.53	97	6380	0.74	ug/l	# 17
56) Ethyl methacrylate	10.43	69	4349	2.39	ug/l	# 1
59) 2-Hexanone	10.81	43	1531	5.42	ug/l	# 98
67) Ethyl Benzene	11.51	91	468204	12.64	ug/l	# 99
68) m/p-Xylenes	11.62	106	67231	4.80	ug/l	# 94
69) o-Xylene	11.95	106	17967	1.35	ug/l	# 88
70) Styrene	11.95	104	1491	0.98	ug/l	# 1
71) Bromoform	12.40	173	3680	0.57	ug/l	# 1
73) Isopropylbenzene	12.25	105	123980	4.31	ug/l	# 99
74) N-amyl acetate	12.05	43	2188	0.25	ug/l	# 52
75) 1,1,2,2-Tetrachloroethane	12.51	83	119	Below	Cal	# 1
76) 1,2,3-Trichloropropane	12.40	75	215776	31.30	ug/l	# 100
78) n-propylbenzene	12.59	91	131409	4.09	ug/l	# 99
79) 2-Chlorotoluene	12.69	91	9105	0.46	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.73	105	195799	8.65	ug/l	# 100

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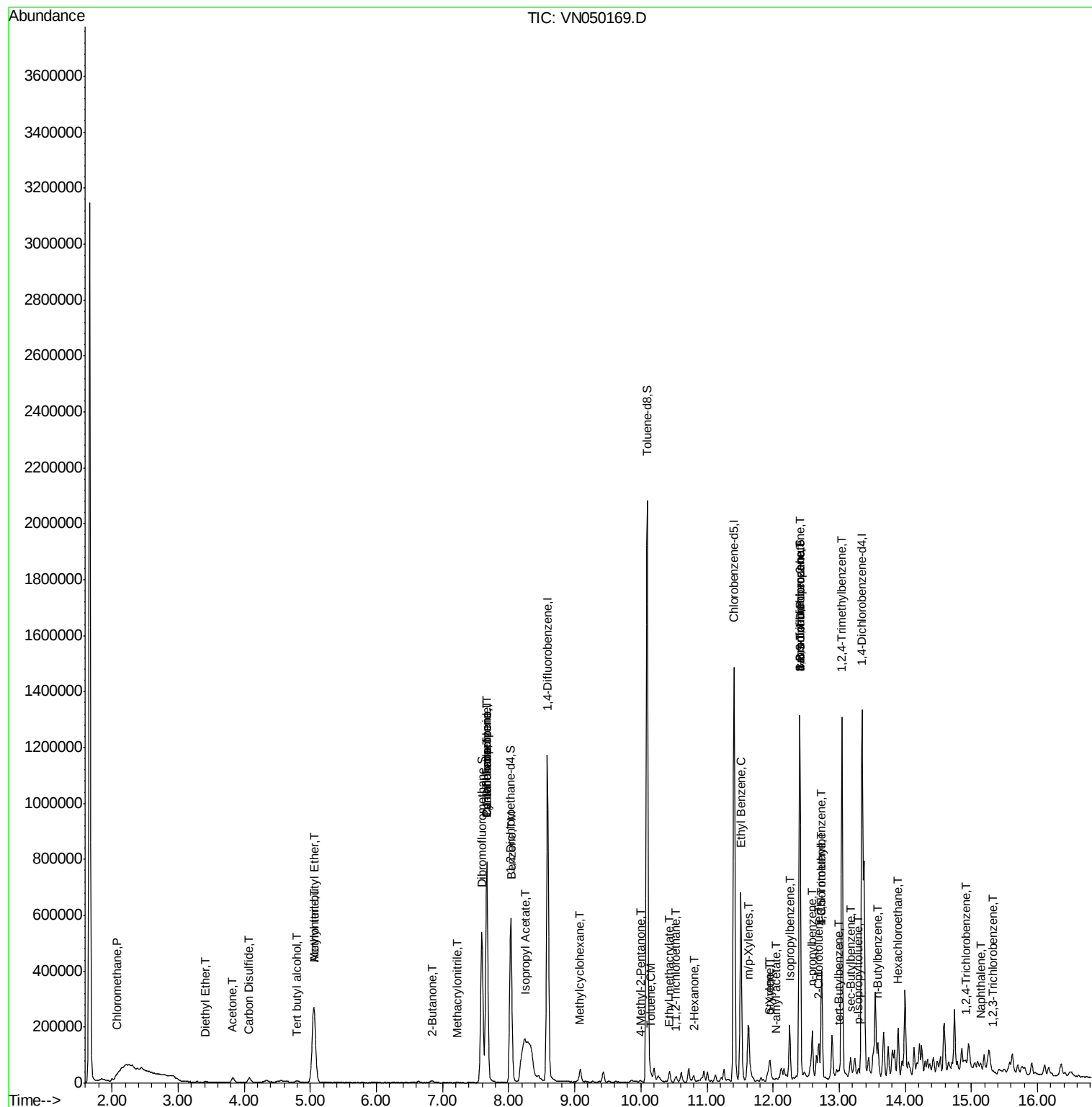
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.40	75	215776	99.28	ug/l #	13
82) 4-Chlorotoluene	12.73	91	20151	1.02	ug/l #	41
83) tert-Butylbenzene	12.99	119	7821	0.40	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	725795	31.82	ug/l	100
85) sec-Butylbenzene	13.17	105	39833	1.51	ug/l	85
86) p-Isopropyltoluene	13.29	119	16541	0.74	ug/l	99
89) n-Butylbenzene	13.58	91	14591	0.80	ug/l #	1
90) Hexachloroethane	13.89	117	9530	1.93	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	482	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.92	180	185	3.11	ug/l #	1
95) Naphthalene	15.14	128	21610	5.58	ug/l	98
96) 1,2,3-Trichlorobenzene	15.33	180	113	2.22	ug/l #	59

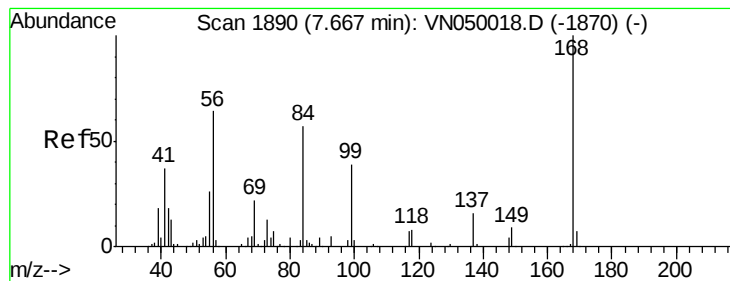
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

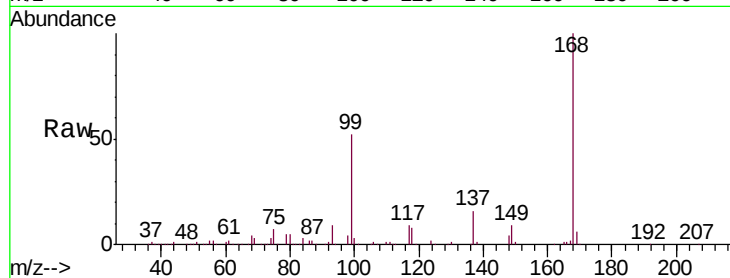
MW-24

Tot Ion:168 Resp: 663362

Ion Ratio Lower Upper

168 100

99 51.6 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

250000

200000

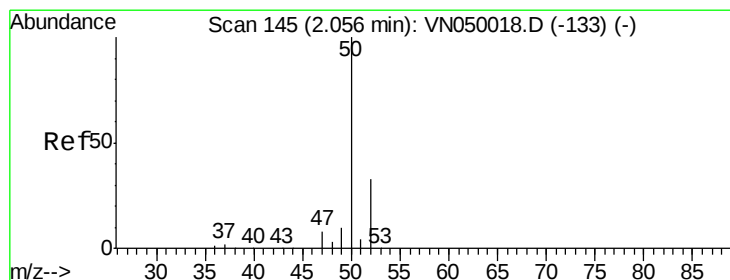
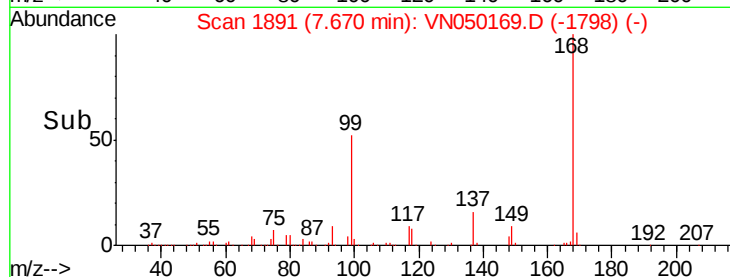
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050169.D

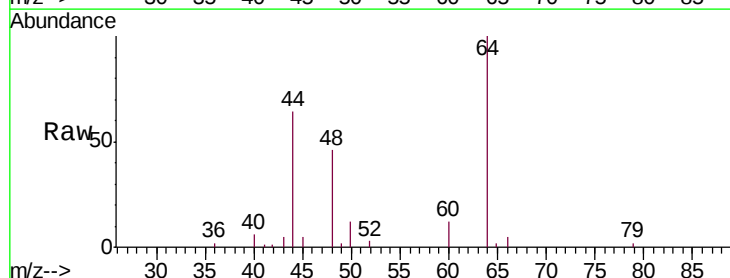
Acq: 28 Jul 2018 8:21

Tgt Ion: 50 Resp: 2331

Ion Ratio Lower Upper

50 100

52 21.7 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

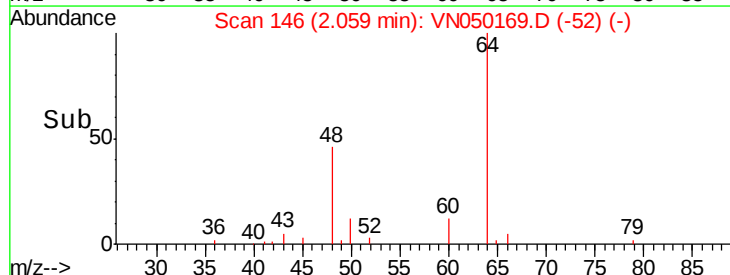
1500

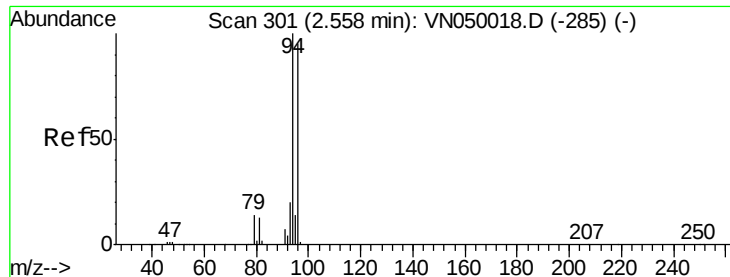
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

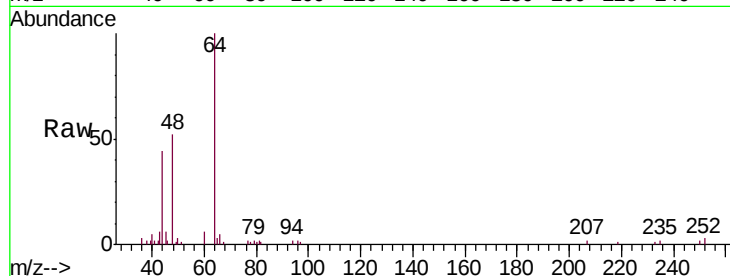
MW-24

Tot Ion: 94 Resp: 352

Ion Ratio Lower Upper

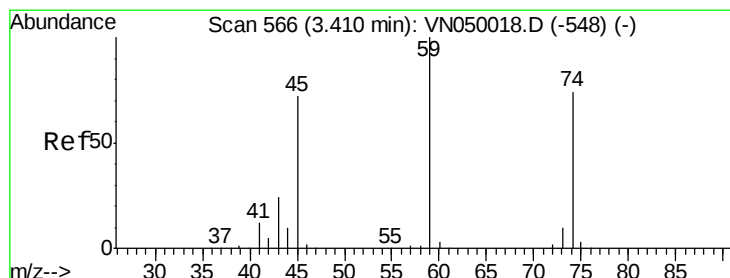
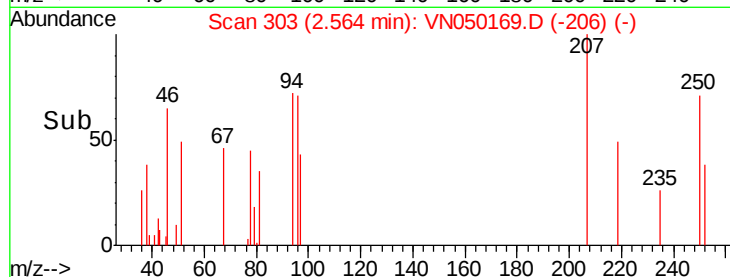
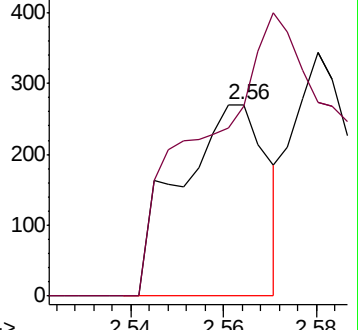
94 100

96 99.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.21 ug/l

RT: 3.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN050169.D

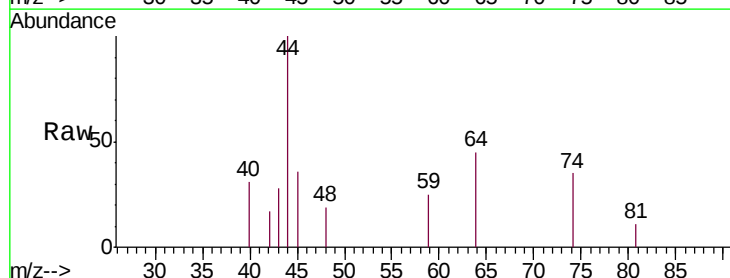
Acq: 28 Jul 2018 8:21

Tgt Ion: 74 Resp: 997

Ion Ratio Lower Upper

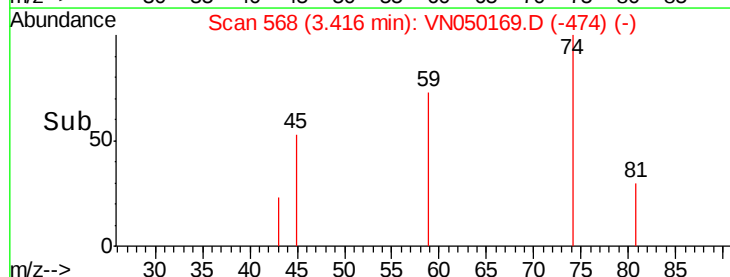
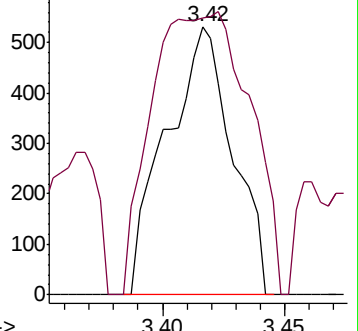
74 100

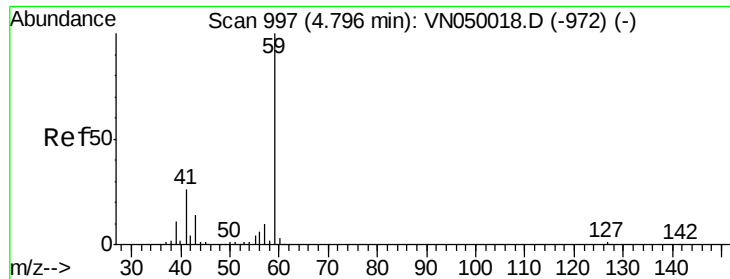
45 156.4 47.6 142.8#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

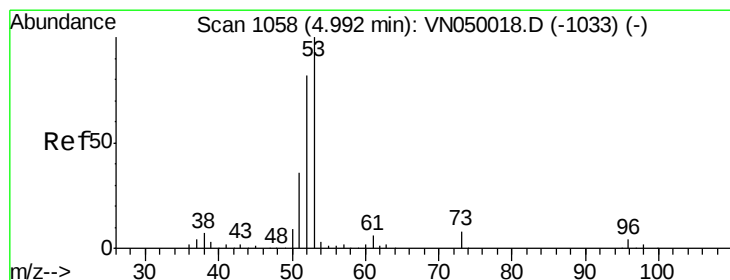
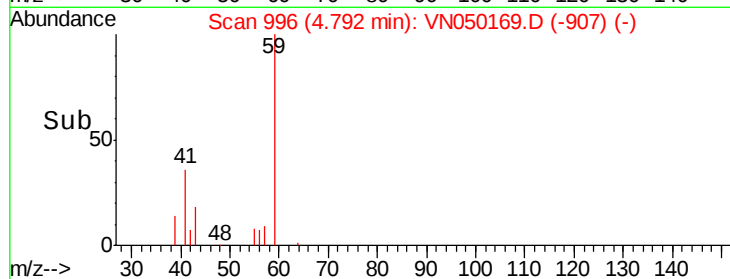
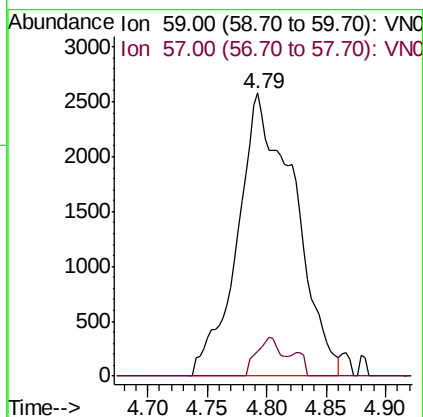
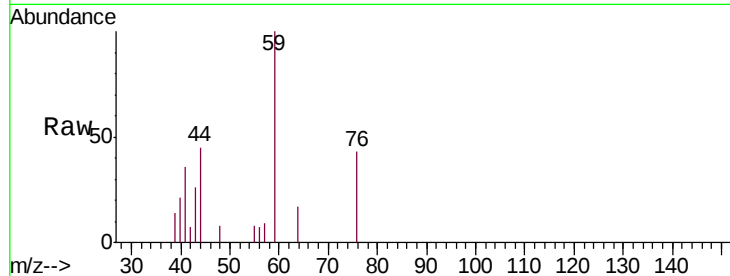




#11
Tert butyl alcohol
Concen: 12.57 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

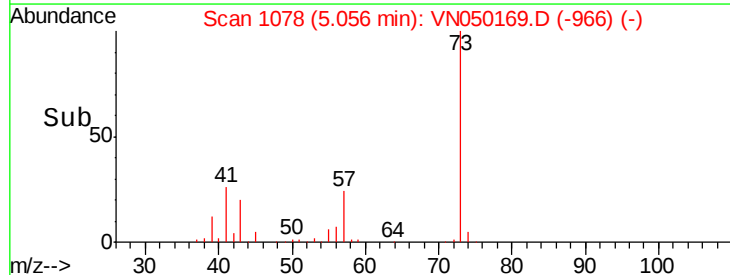
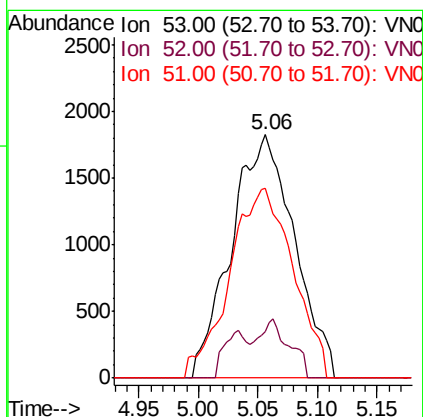
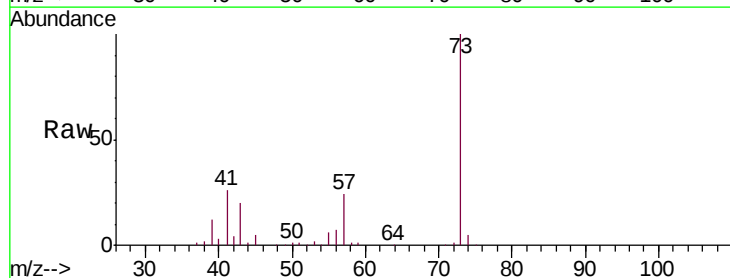
Instrument :
MSVOA_N
ClientSampleId :
MW-24

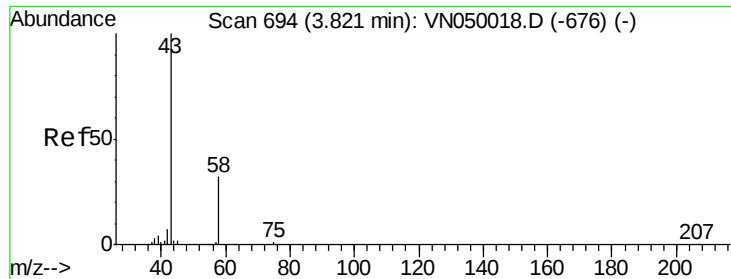
Tot Ion: 59 Resp: 8559
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#15
Acrylonitrile
Concen: 2.26 ug/l
RT: 5.06 min Scan# 1078
Delta R.T. 0.06 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion: 53 Resp: 6700
Ion Ratio Lower Upper
53 100
52 11.0 66.2 99.2#
51 78.3 29.3 43.9#





#16

Acetone

Concen: 9.72 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

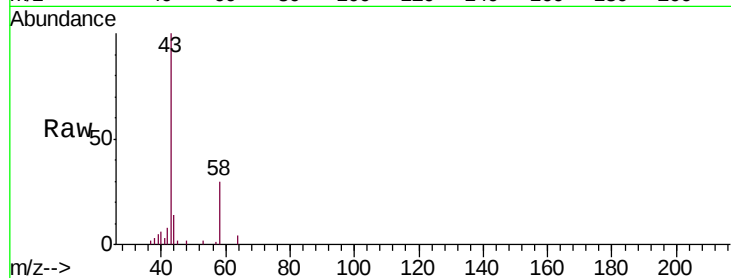
MW-24

Tot Ion: 43 Resp: 30299

Ion Ratio Lower Upper

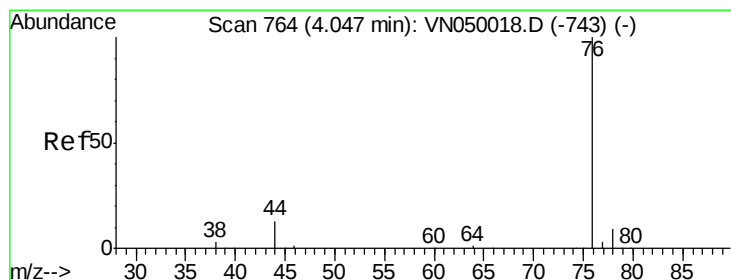
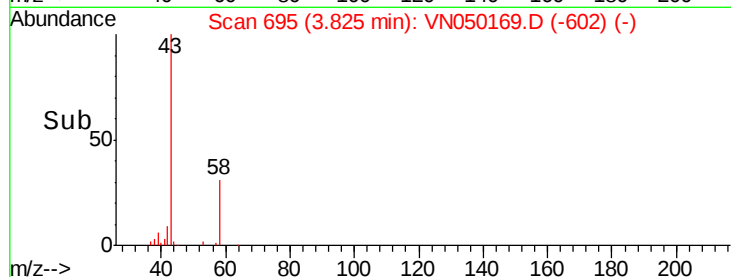
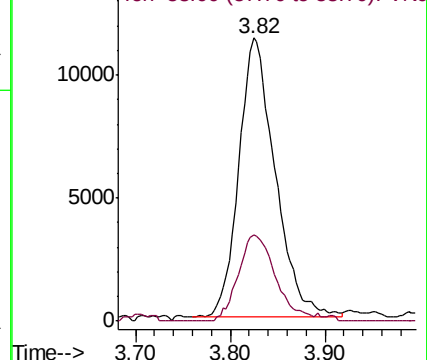
43 100

58 30.9 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: 0.22 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050169.D

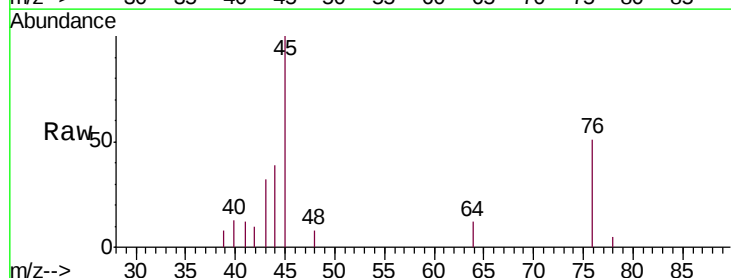
Acq: 28 Jul 2018 8:21

Tgt Ion: 76 Resp: 5076

Ion Ratio Lower Upper

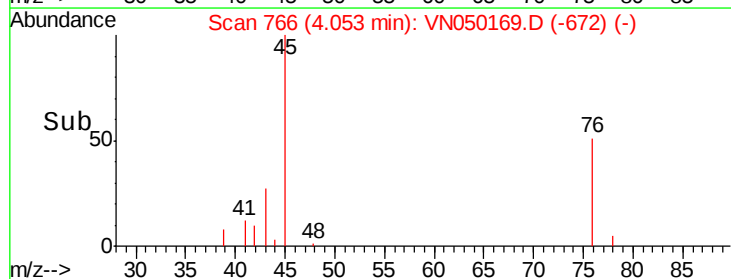
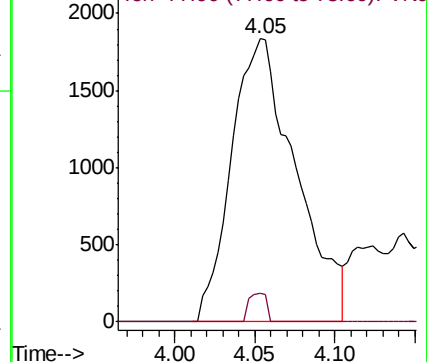
76 100

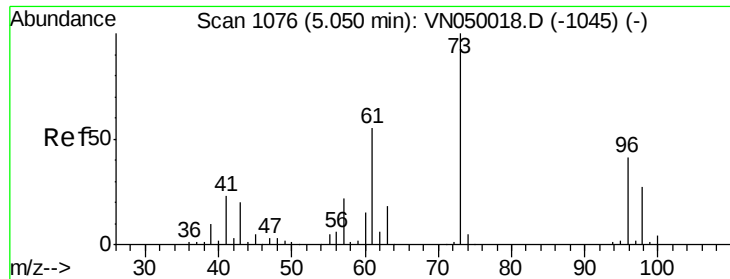
78 10.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

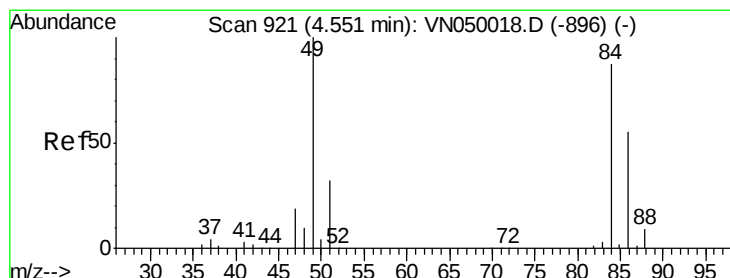
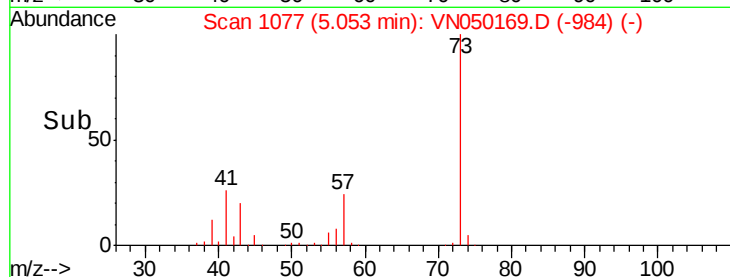
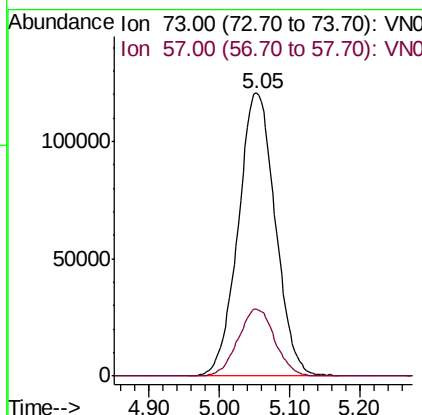
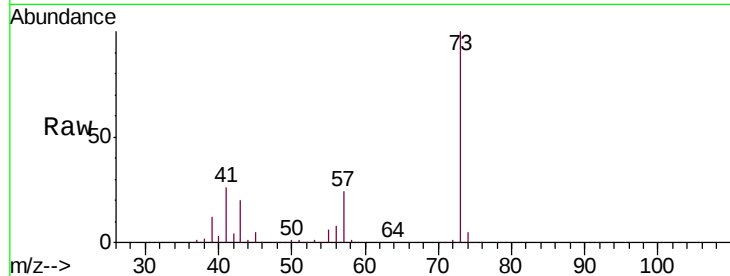




#19
Methyl tert-butyl Ether
Concen: 21.70 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

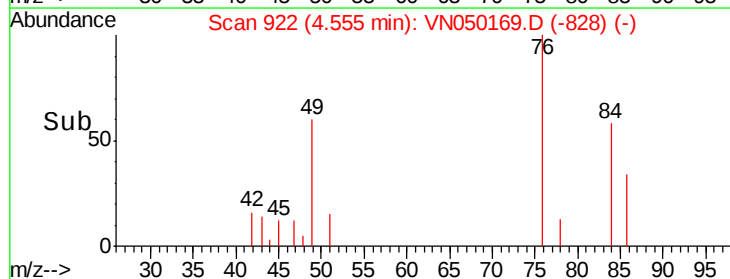
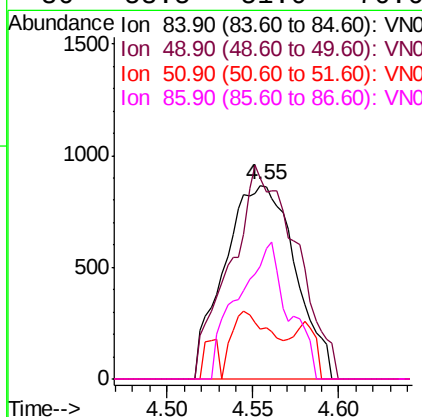
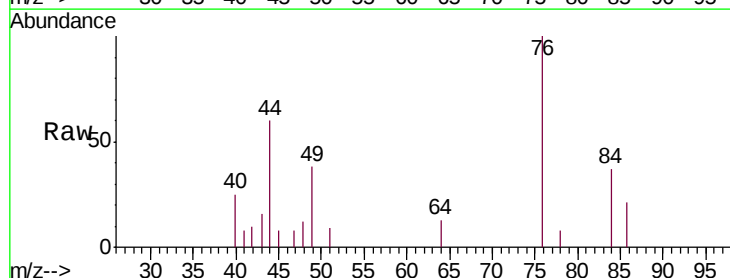
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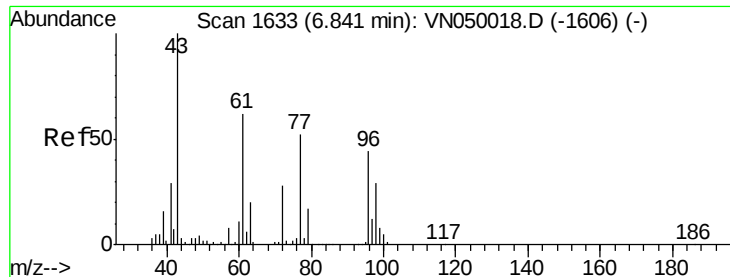
Tot Ion: 73 Resp: 442206
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion: 84 Resp: 2489
Ion Ratio Lower Upper
84 100
49 103.8 94.8 142.2
51 26.0 28.3 42.5#
86 58.5 51.0 76.6

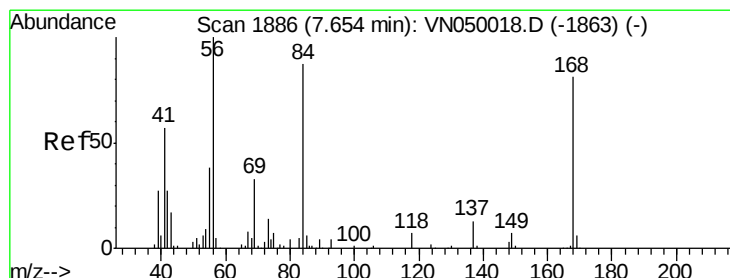
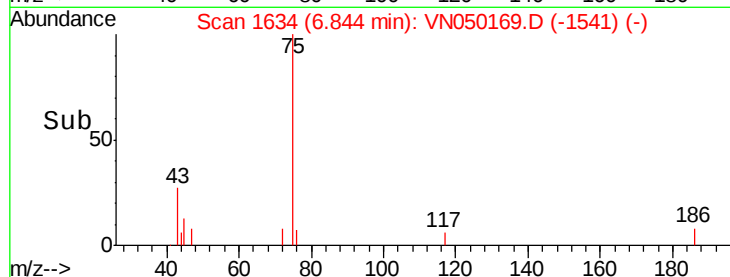
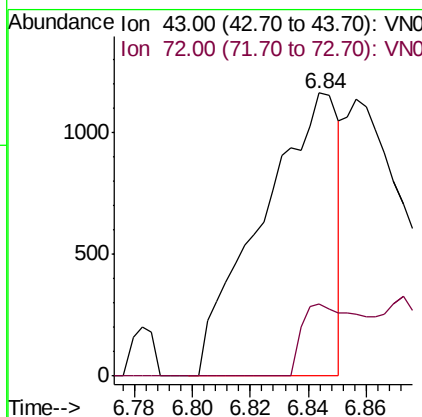
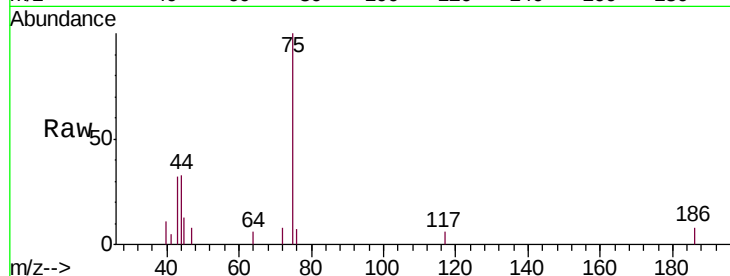




#25
2-Butanone
Concen: 0.60 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

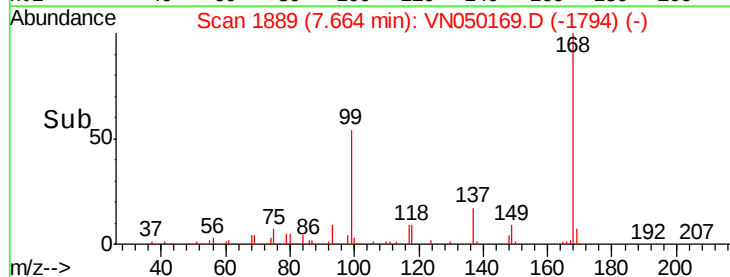
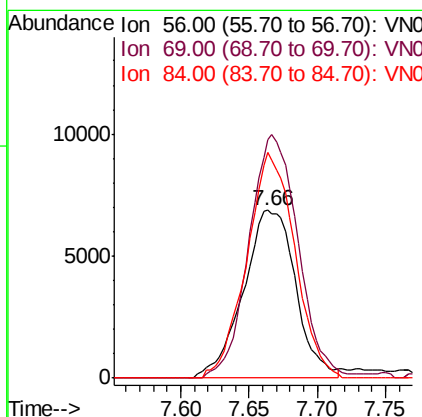
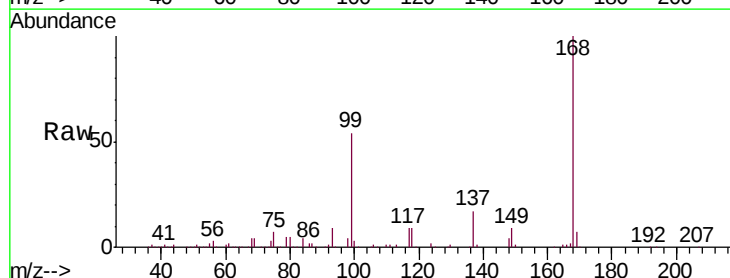
Instrument :
MSVOA_N
ClientSampled :
MW-24

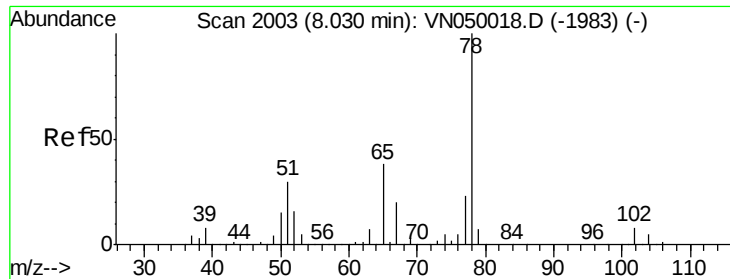
Tot Ion: 43 Resp: 2129
Ion Ratio Lower Upper
43 100
72 25.6 21.5 32.3



#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion: 56 Resp: 18335
Ion Ratio Lower Upper
56 100
69 142.3 26.2 39.4#
84 134.5 67.4 101.0#

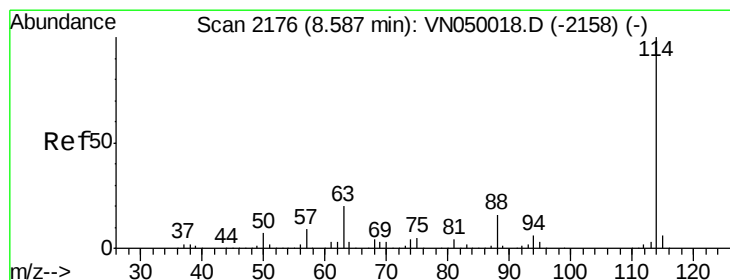
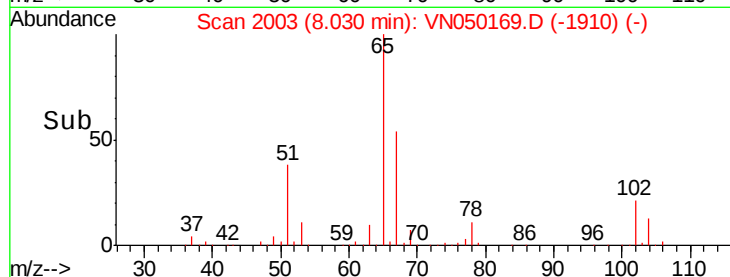
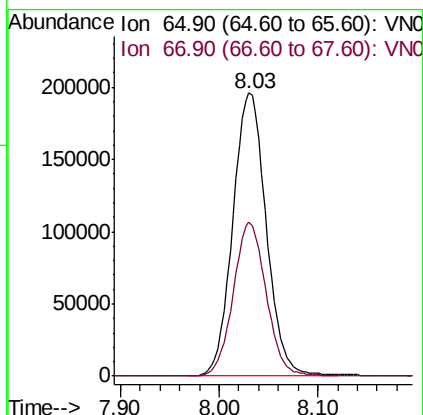
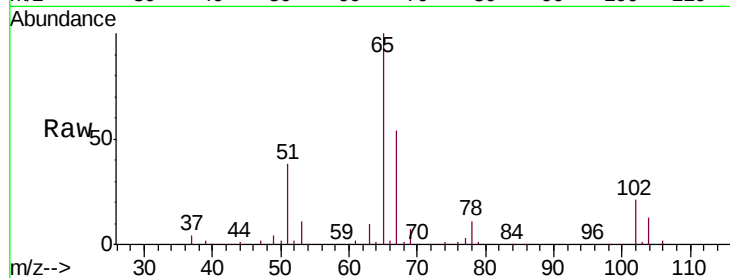




#33
 1,2-Dichloroethane-d4
 Concen: 49.88 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050169.D
 Acq: 28 Jul 2018 8:21

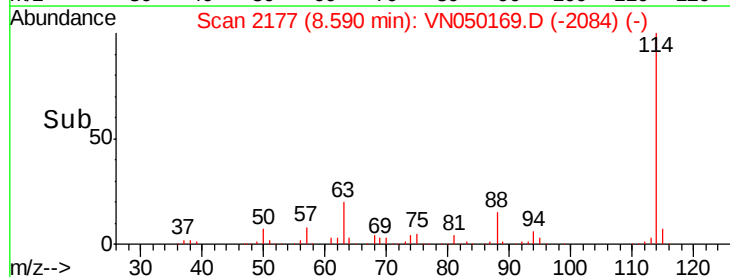
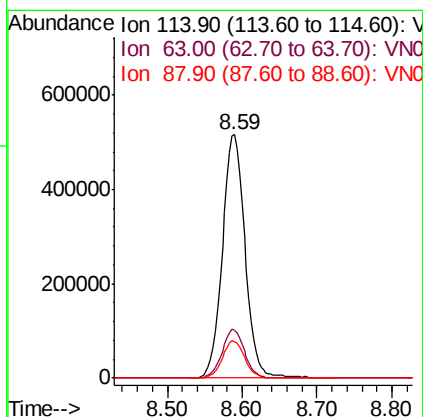
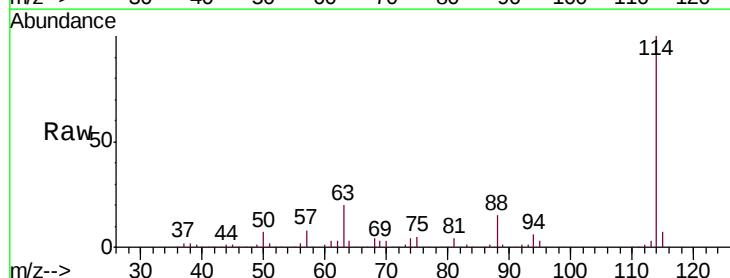
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

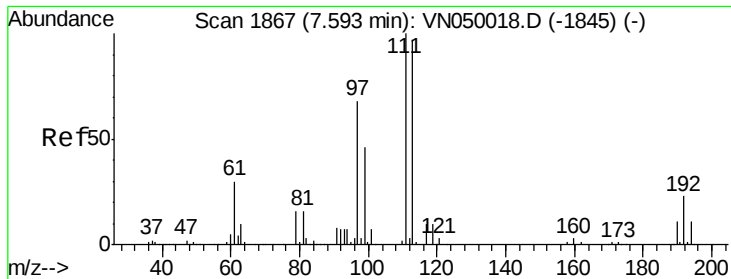
Tot Ion: 65 Resp: 461698
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050169.D
 Acq: 28 Jul 2018 8:21

Tgt Ion: 114 Resp: 1078501
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.1 0.0 31.2

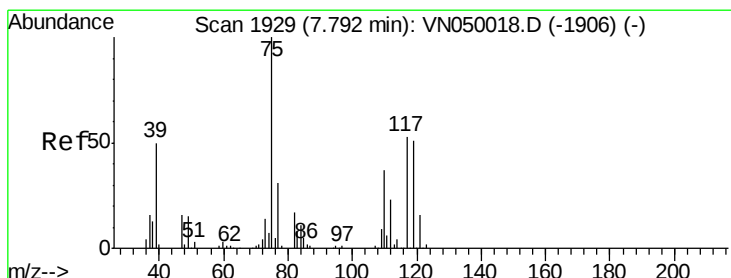
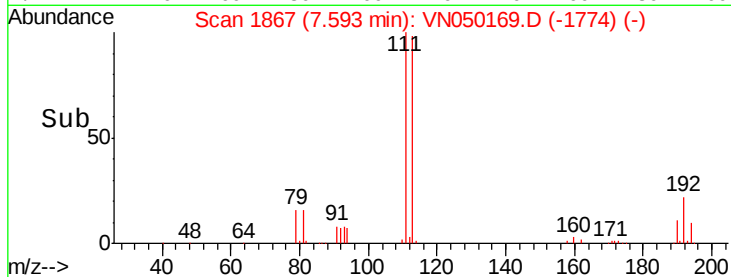
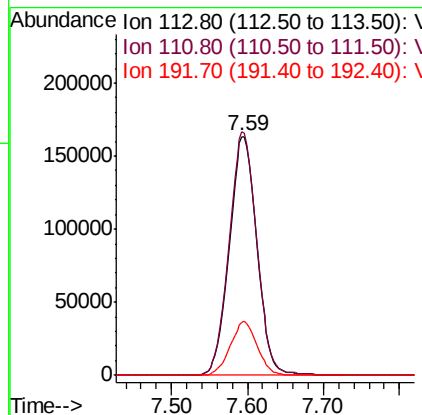
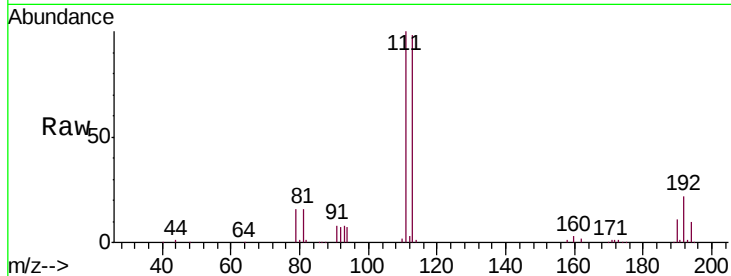




#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050169.D
 Acq: 28 Jul 2018 8:21

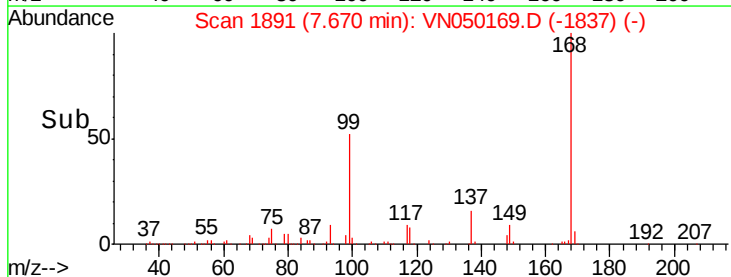
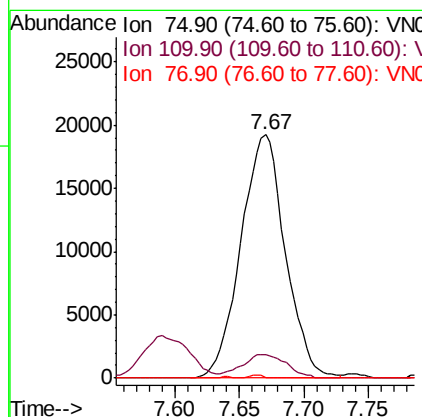
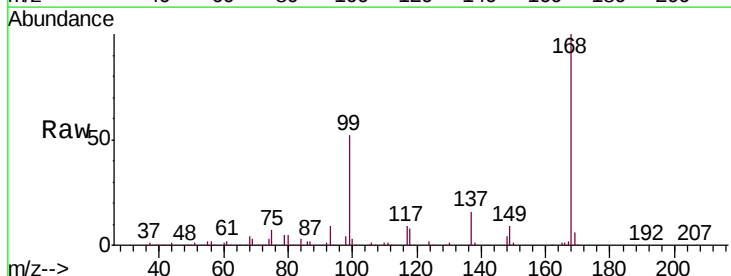
Instrument :
 MSVOA_N
 ClientSampled :
 MW-24

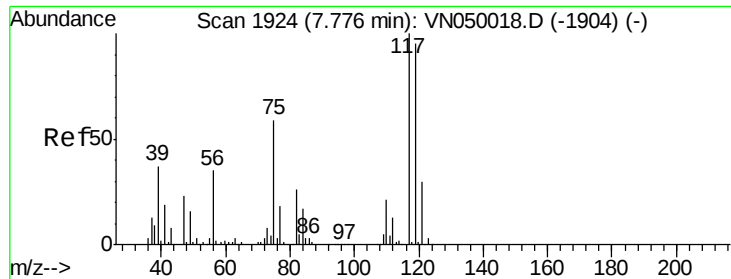
Tot Ion:113 Resp: 413171
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050169.D
 Acq: 28 Jul 2018 8:21

Tgt Ion: 75 Resp: 46202
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.4 55.2#
 77 0.0 25.3 37.9#

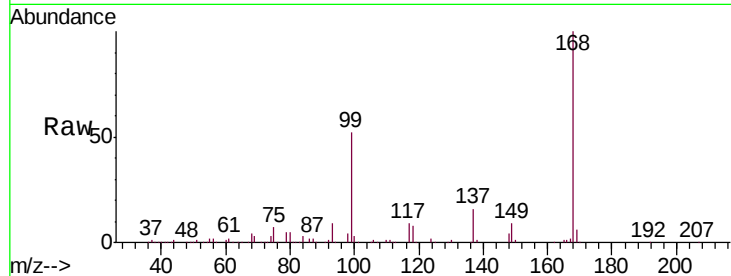




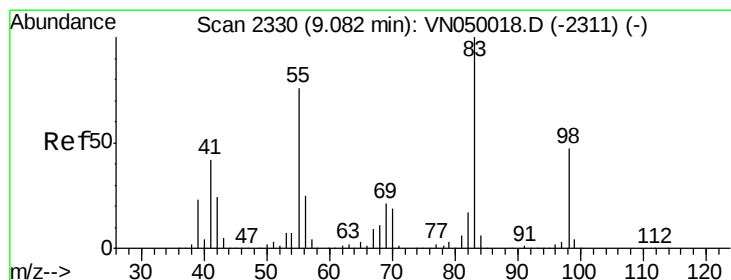
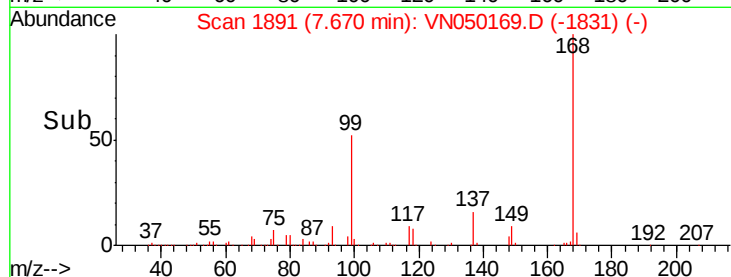
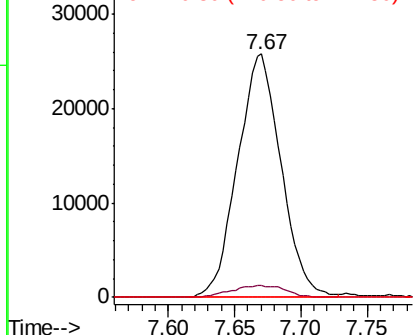
#38
Carbon Tetrachloride
Concen: 4.56 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Instrument :
MSVOA_N
ClientSampled :
MW-24

Tot Ion:117 Resp: 58841
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 23.9 35.9#

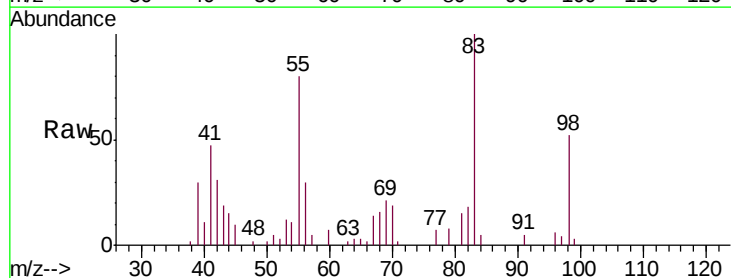


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

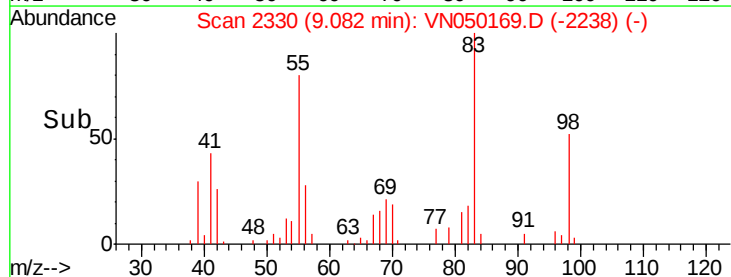
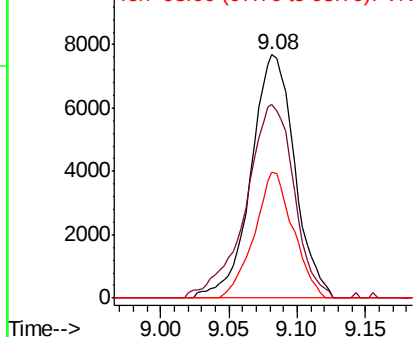


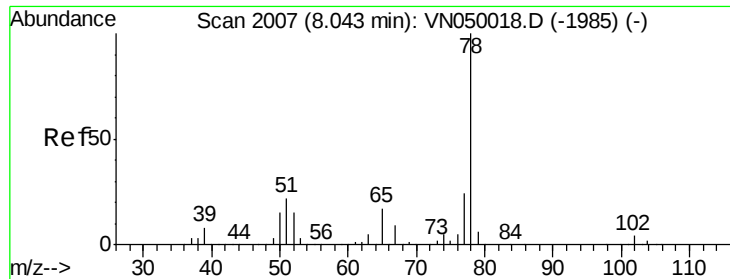
#39
Methylcyclohexane
Concen: 1.36 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion: 83 Resp: 17024
Ion Ratio Lower Upper
83 100
55 79.7 61.8 92.8
98 51.7 36.5 54.7



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





#40

Benzene

Concen: 2.28 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

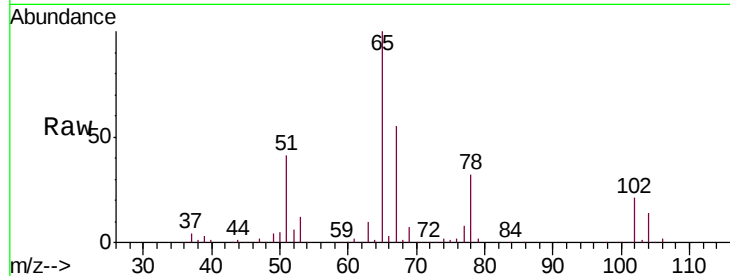
MW-24

Tot Ion: 78 Resp: 84190

Ion Ratio Lower Upper

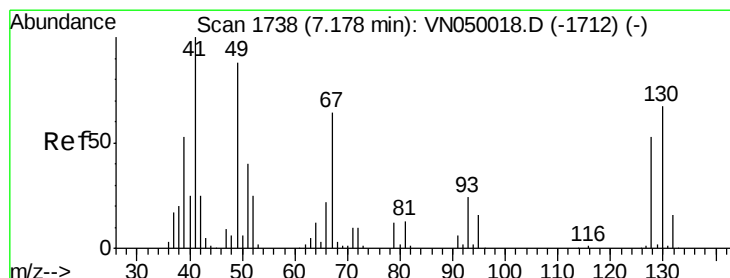
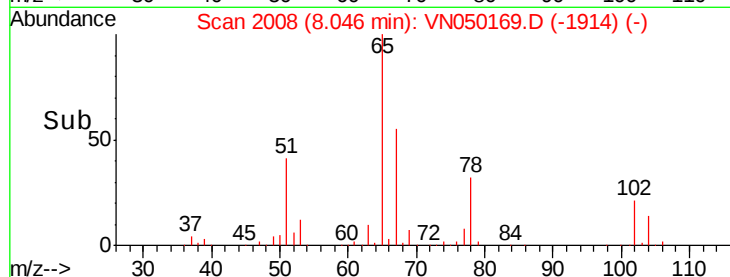
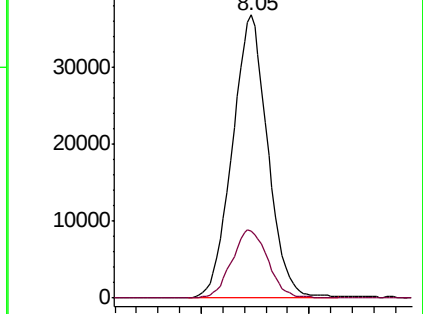
78 100

77 23.7 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 2.78 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.05 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Tgt Ion: 41 Resp: 149

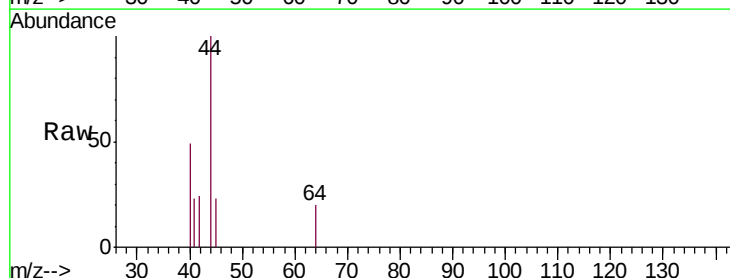
Ion Ratio Lower Upper

41 100

39 20.1 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

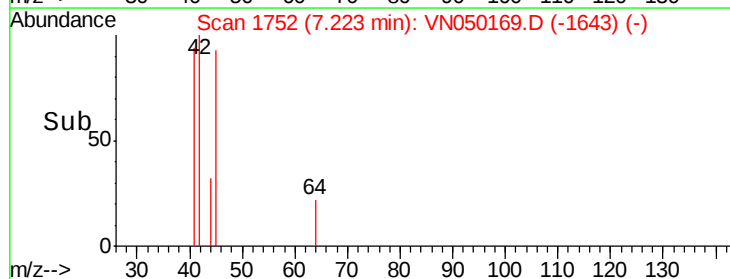
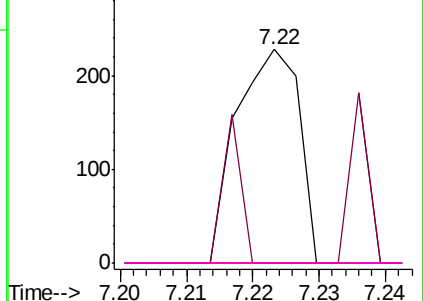


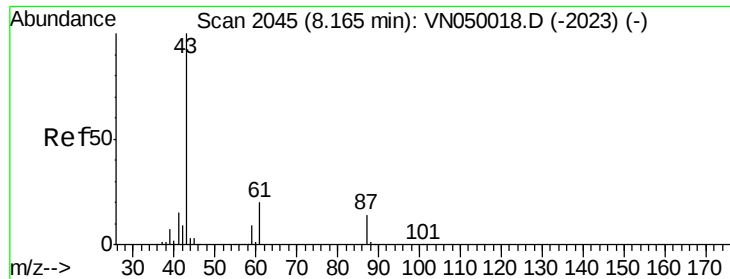
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#43

Isopropyl Acetate

Concen: 13.05 ug/l

RT: 8.25 min Scan# 2070

Delta R.T. 0.08 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampleId :

MW-24

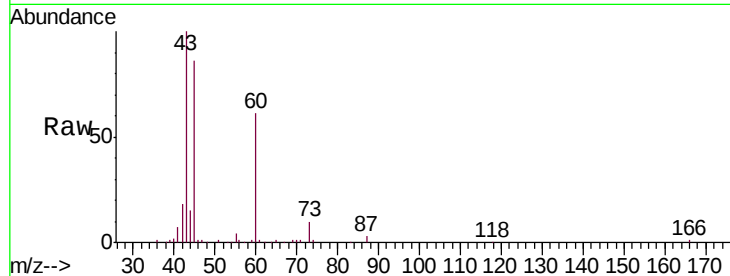
Tot Ion: 43 Resp: 221839

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

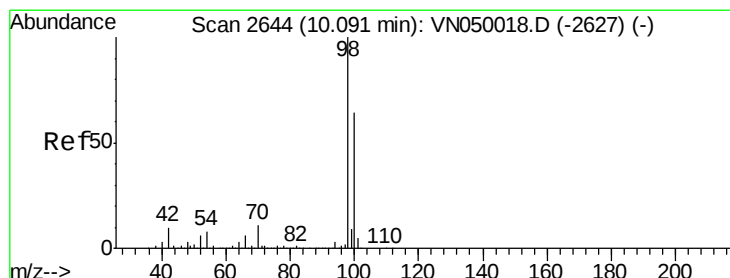
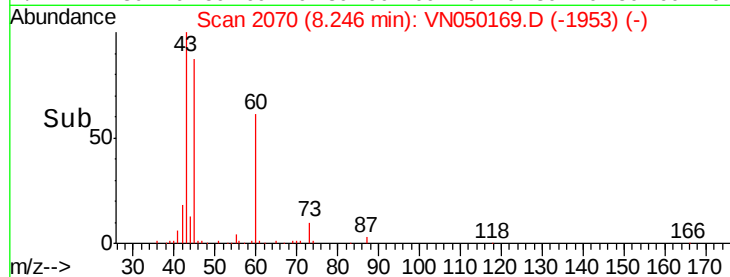
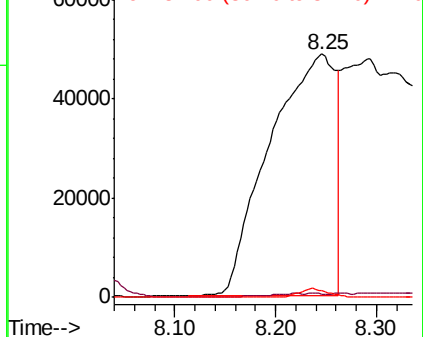
87 1.6 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.29 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050169.D

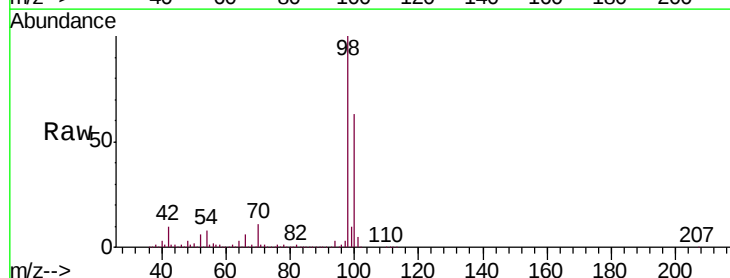
Acq: 28 Jul 2018 8:21

Tgt Ion: 98 Resp: 1466117

Ion Ratio Lower Upper

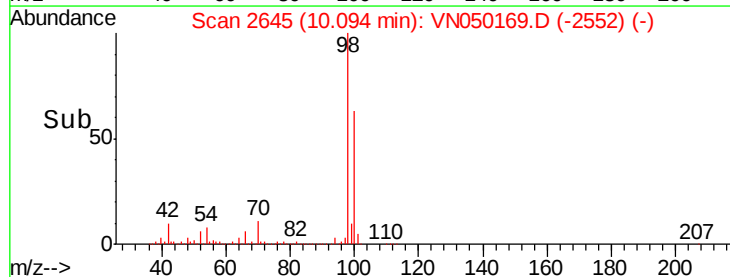
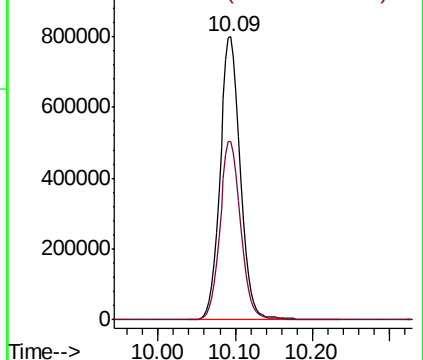
98 100

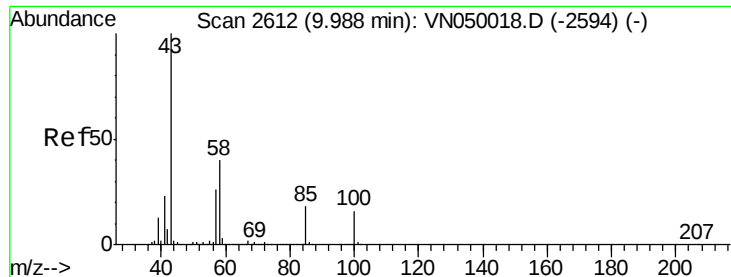
100 64.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

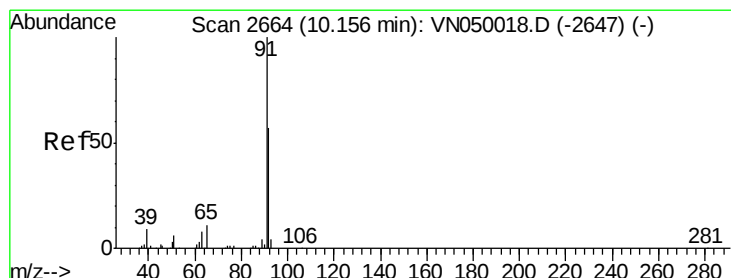
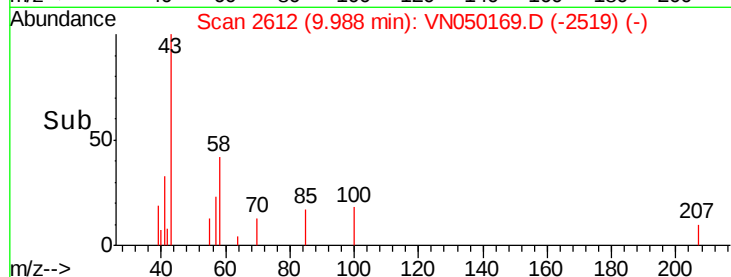
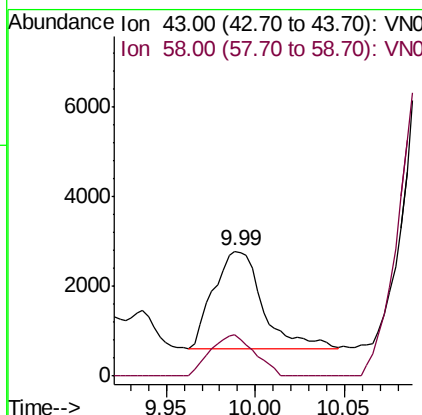
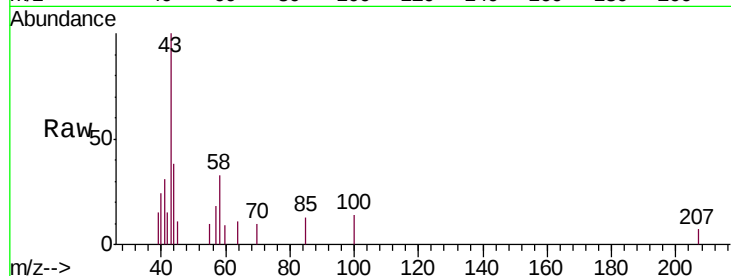




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

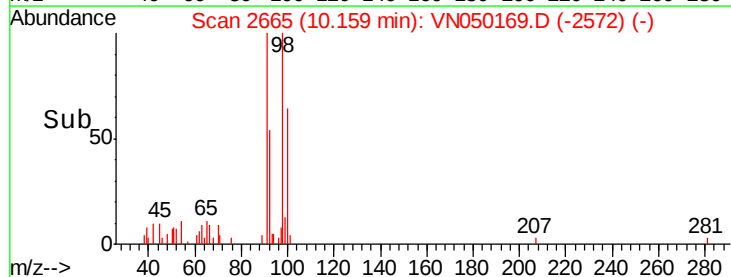
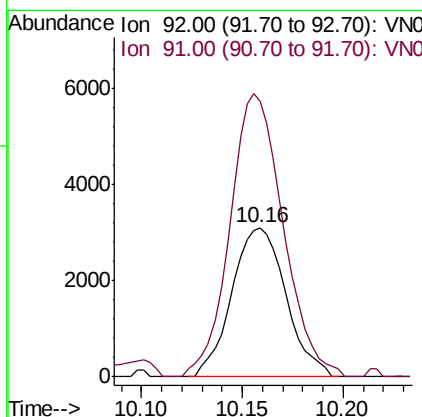
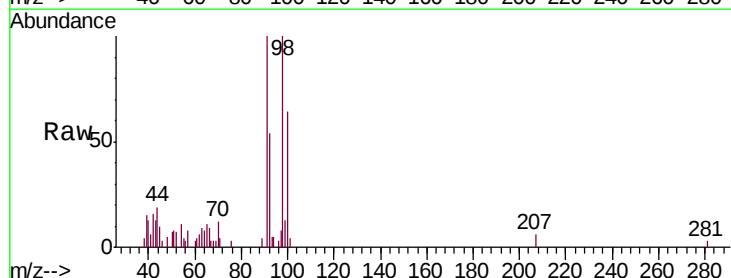
Instrument :
MSVOA_N
ClientSampled :
MW-24

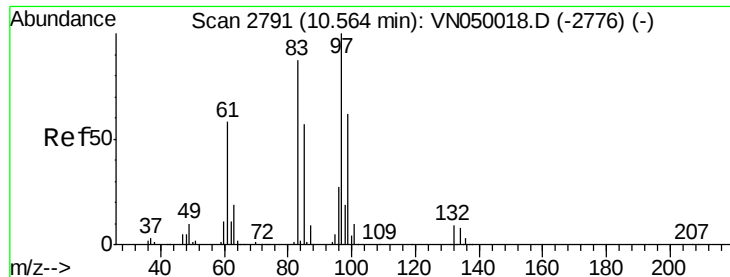
Tot Ion: 43 Resp: 4139
Ion Ratio Lower Upper
43 100
58 38.3 31.9 47.9



#52
Toluene
Concen: 0.27 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion: 92 Resp: 5832
Ion Ratio Lower Upper
92 100
91 186.7 140.3 210.5





#55

1,1,2-Trichloroethane

Concen: 0.74 ug/l

RT: 10.53 min Scan# 2780

Delta R.T. -0.04 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampleId :

MW-24

Tot Ion: 97 Resp: 6380

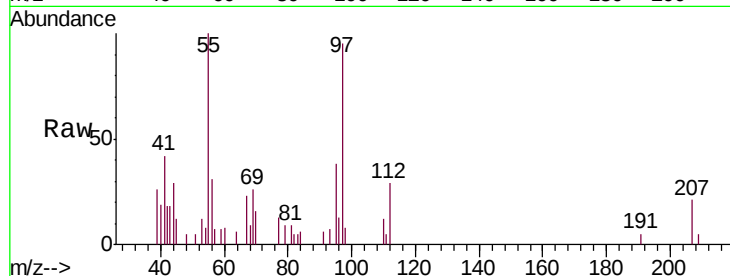
Ion Ratio Lower Upper

97 100

83 5.4 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#

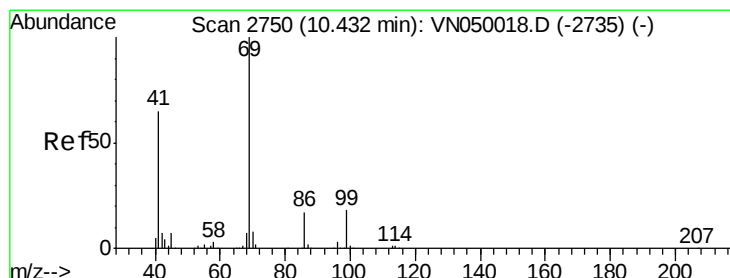
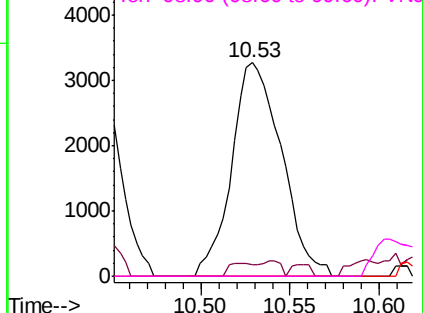
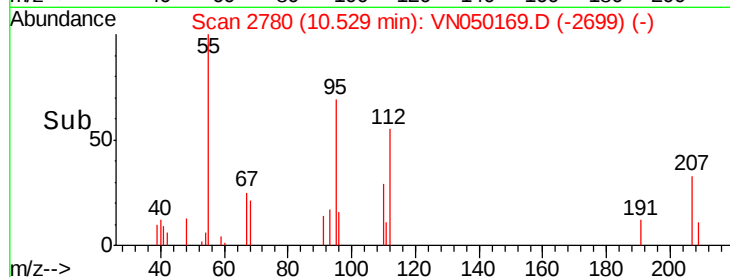


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 2.39 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

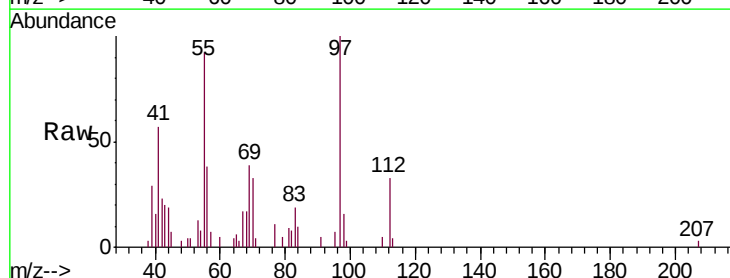
Tgt Ion: 69 Resp: 4349

Ion Ratio Lower Upper

69 100

41 155.0 51.0 76.4#

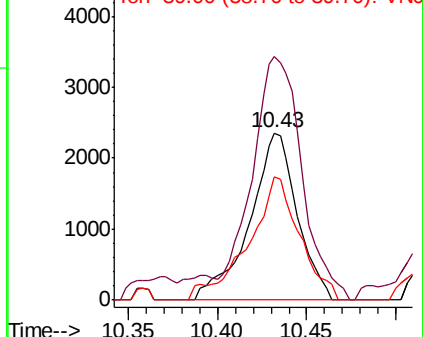
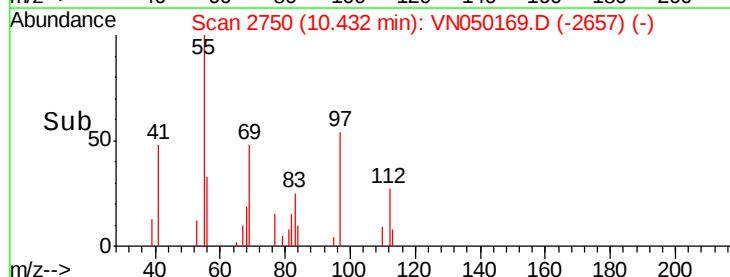
39 75.8 26.6 40.0#

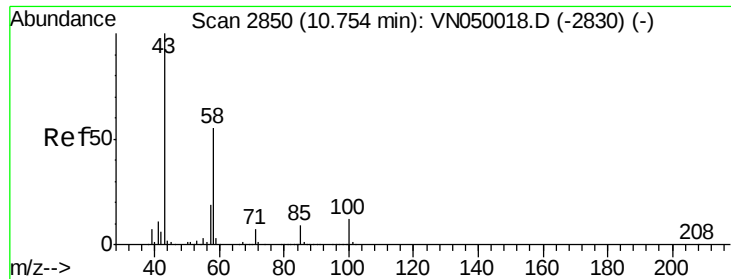


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 5.42 ug/l

RT: 10.81 min Scan# 2867

Delta R.T. 0.06 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

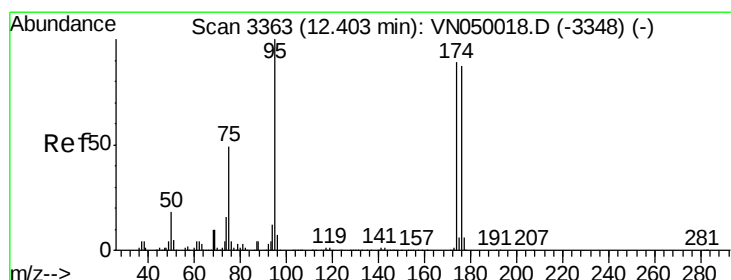
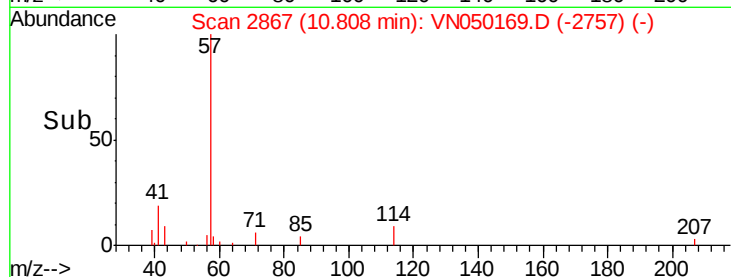
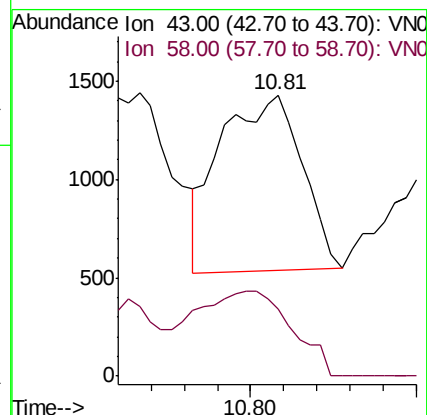
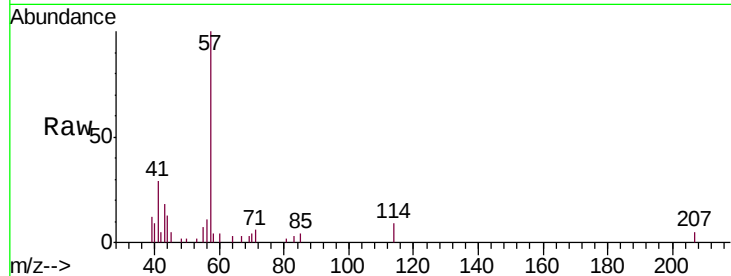
MW-24

Tot Ion: 43 Resp: 1531

Ion Ratio Lower Upper

43 100

58 56.6 27.6 82.7



#62

4-Bromofluorobenzene

Concen: 41.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

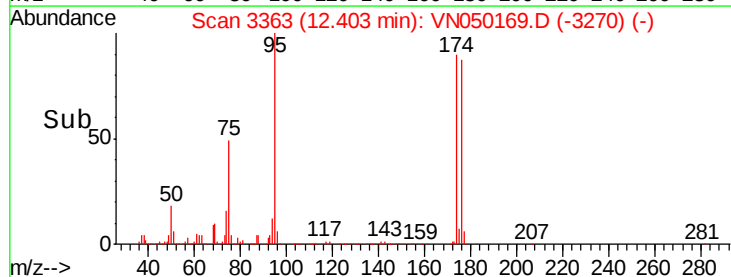
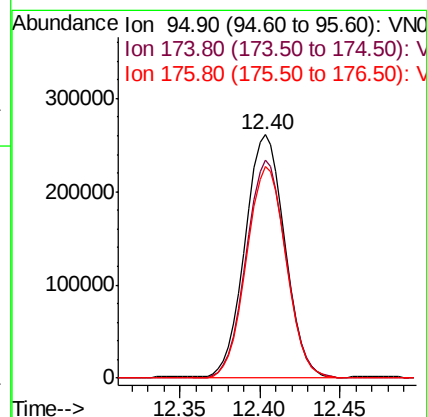
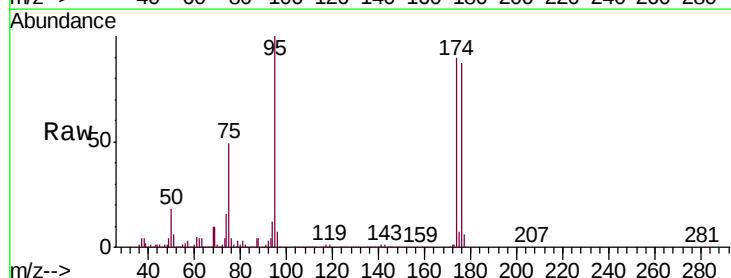
Tgt Ion: 95 Resp: 440651

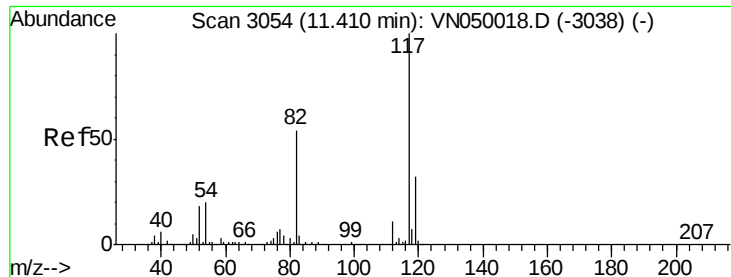
Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.2

176 87.1 0.0 173.4

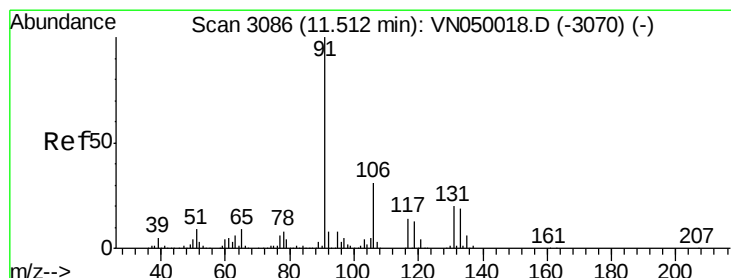
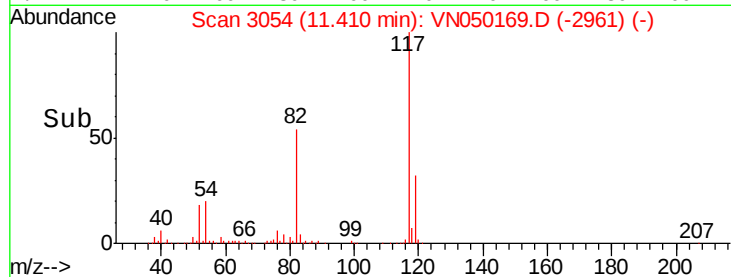
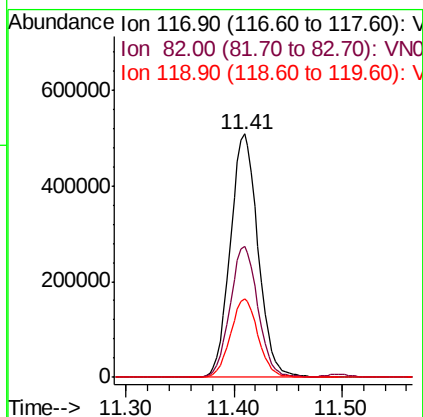
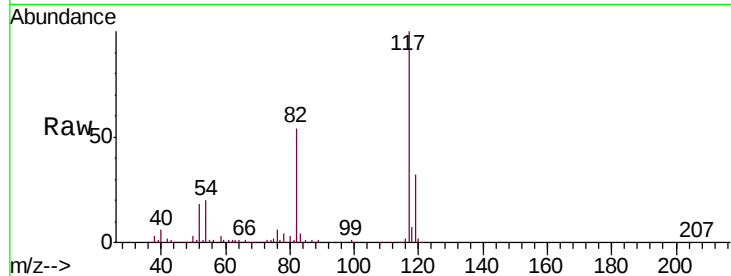




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

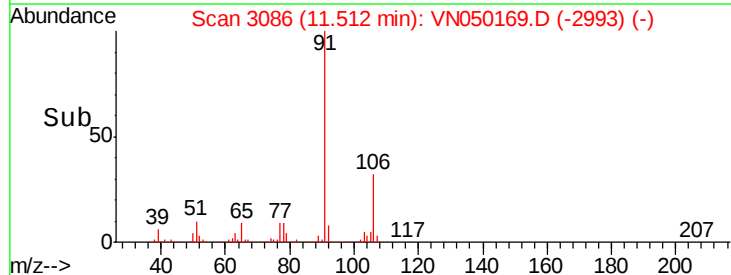
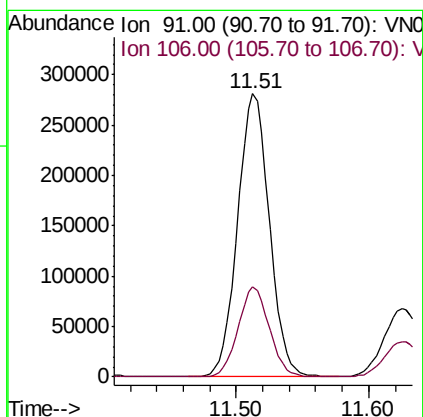
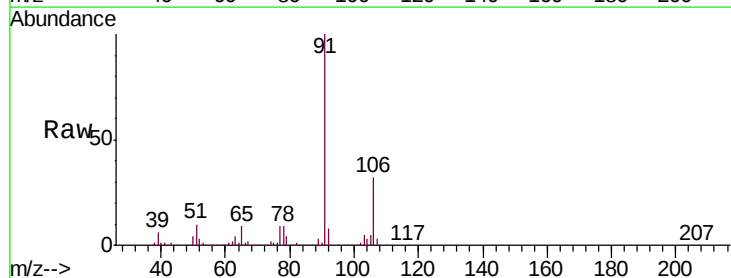
Instrument :
MSVOA_N
ClientSampleId :
MW-24

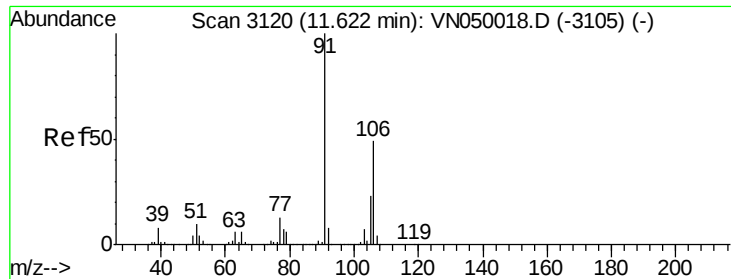
Tot Ion:117 Resp: 912553
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.1 26.1 39.1



#67
Ethyl Benzene
Concen: 12.64 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion: 91 Resp: 468204
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

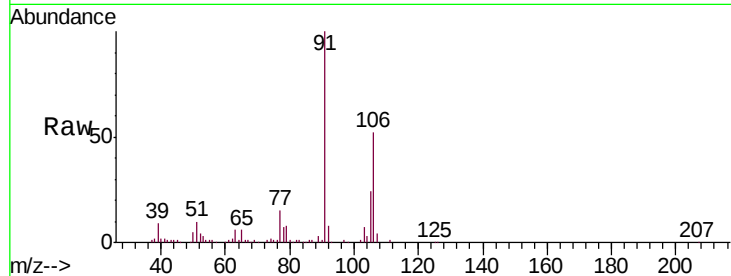




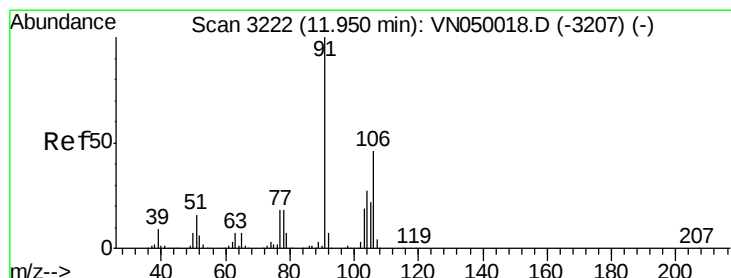
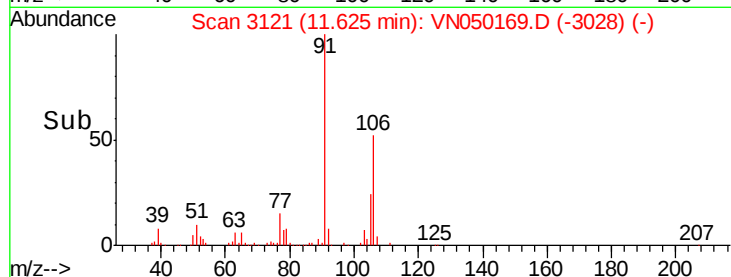
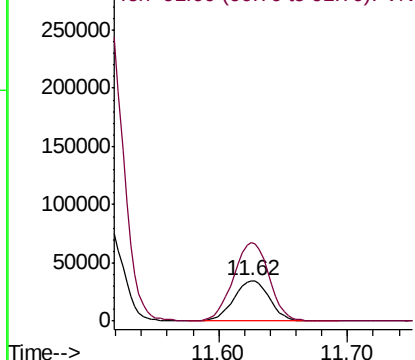
#68
m/p-Xylenes
Concen: 4.80 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Instrument :
MSVOA_N
ClientSampled :
MW-24

Tot Ion:106 Resp: 67231
Ion Ratio Lower Upper
106 100
91 194.1 162.2 243.2

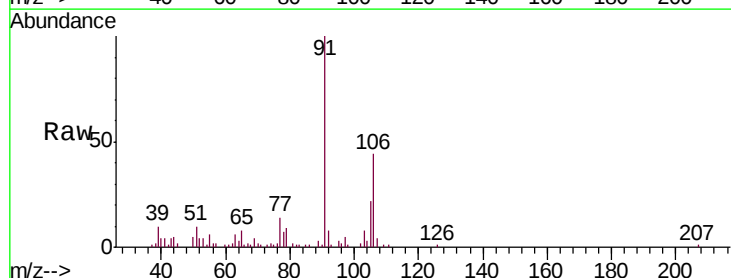


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

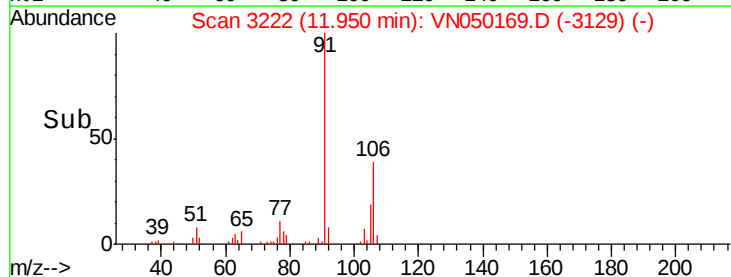
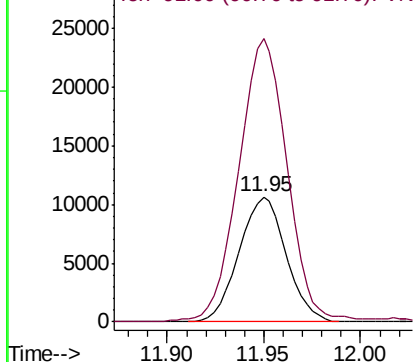


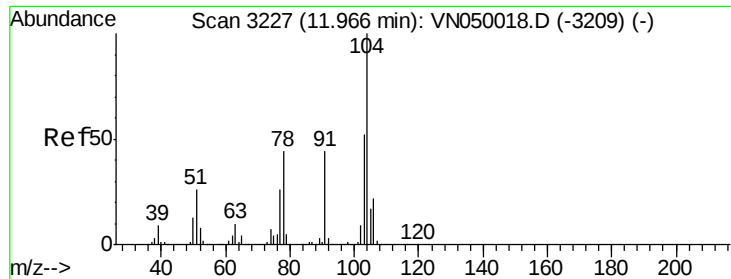
#69
o-Xylene
Concen: 1.35 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion:106 Resp: 17967
Ion Ratio Lower Upper
106 100
91 233.7 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

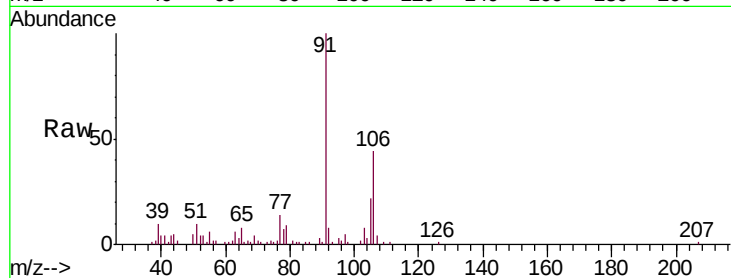




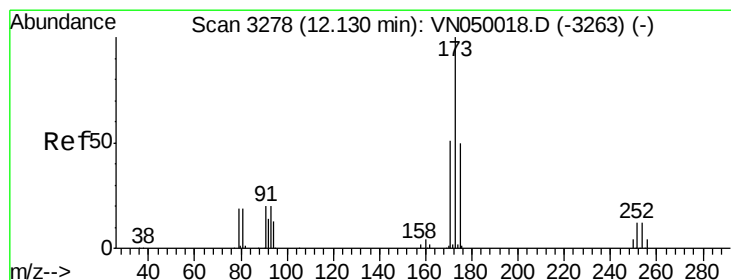
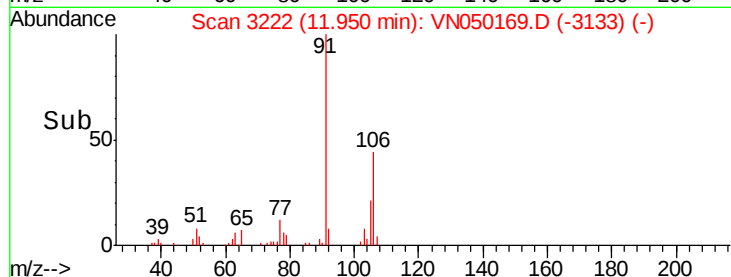
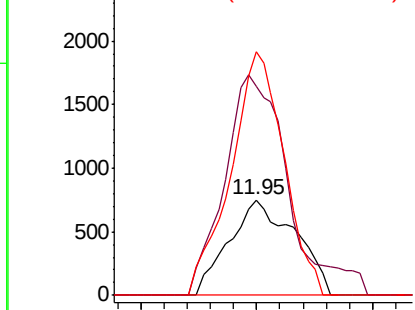
#70
Stvrene
Concen: 0.98 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.02 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Instrument :
MSVOA_N
ClientSampled :
MW-24

Tot Ion:104 Resp: 1491
Ion Ratio Lower Upper
104 100
78 222.5 39.3 58.9#
103 204.0 45.0 67.6#

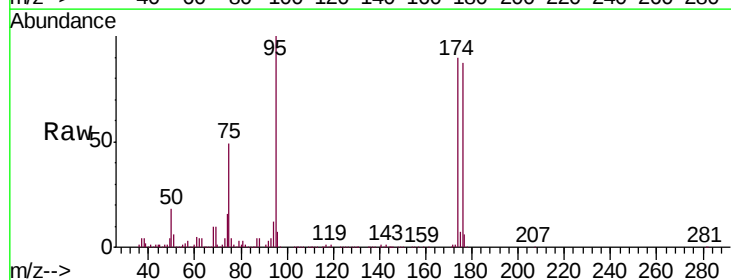


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

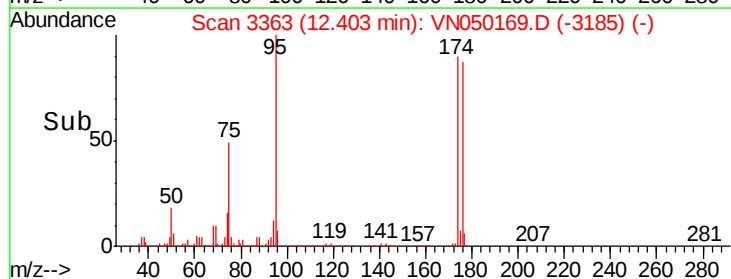
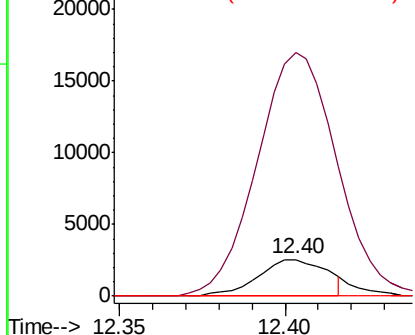


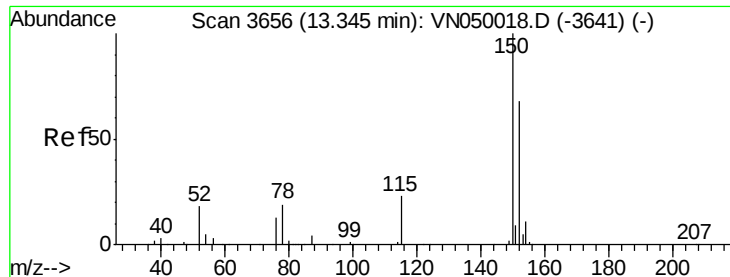
#71
Bromoform
Concen: 0.57 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion:173 Resp: 3680
Ion Ratio Lower Upper
173 100
175 690.4 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: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

MW-24

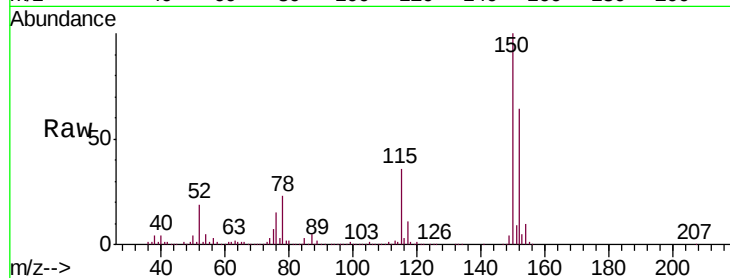
Tot Ion:152 Resp: 370939

Ion Ratio Lower Upper

152 100

115 61.0 27.8 83.3

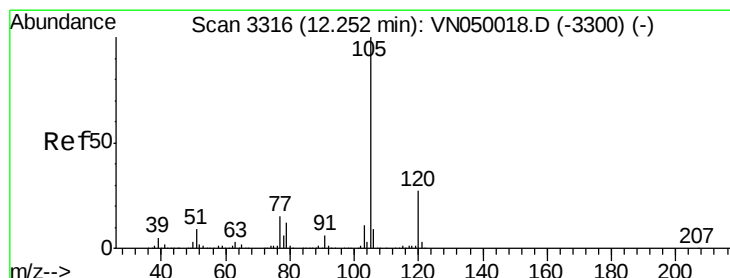
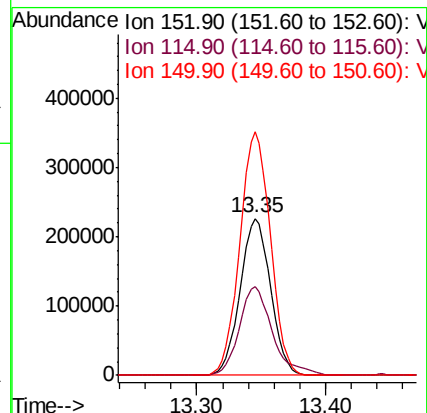
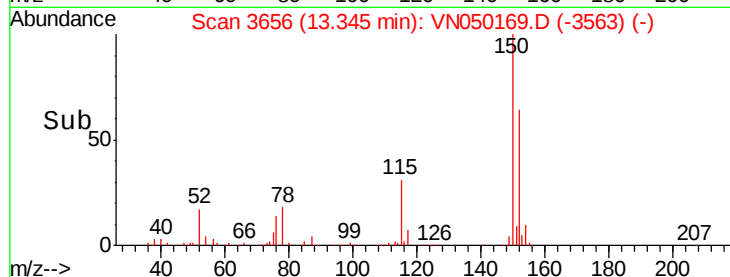
150 155.8 0.0 348.6



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: 4.31 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050169.D

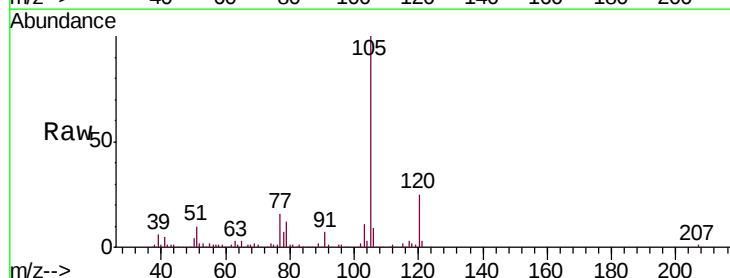
Acq: 28 Jul 2018 8:21

Tgt Ion:105 Resp: 123980

Ion Ratio Lower Upper

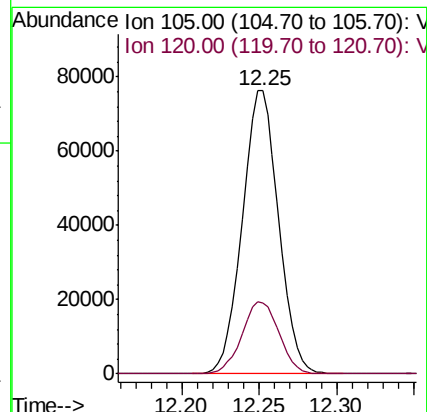
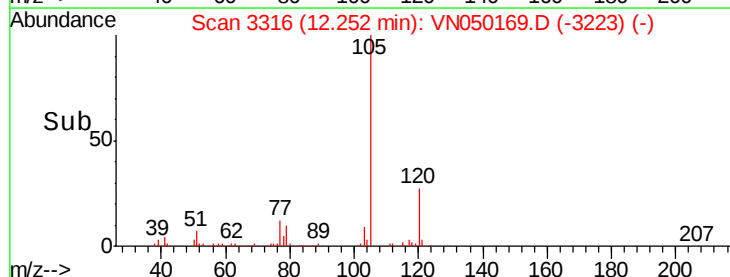
105 100

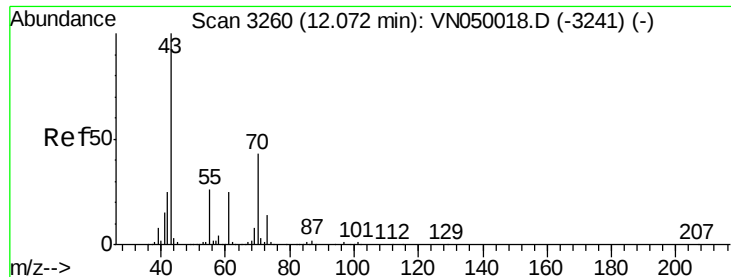
120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

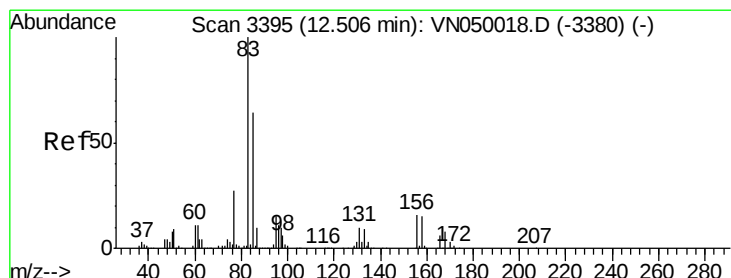
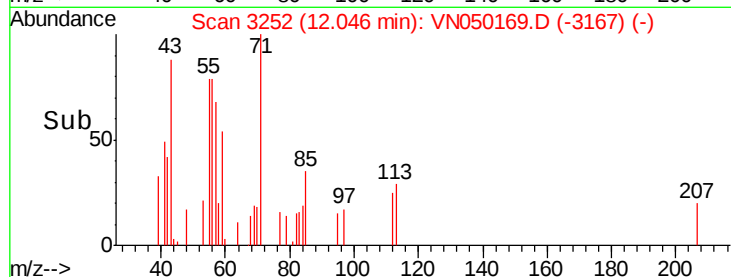
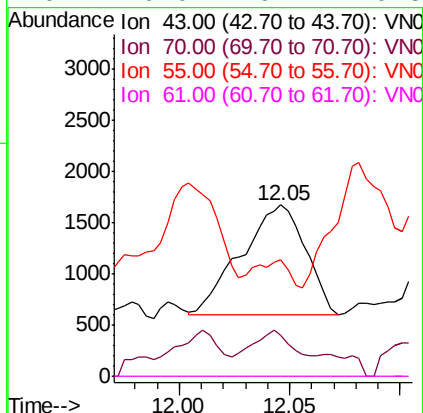
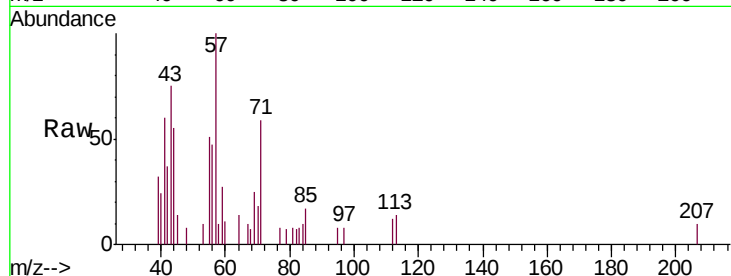




#74
N-amvl acetate
Concen: 0.25 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. -0.03 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

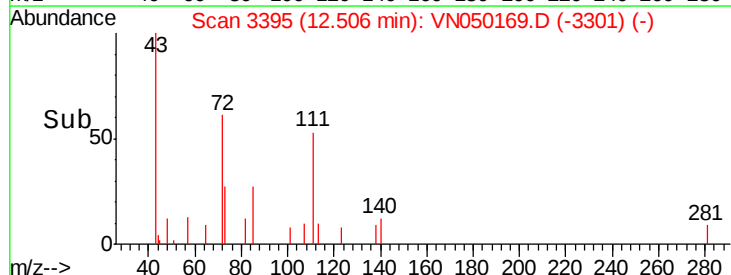
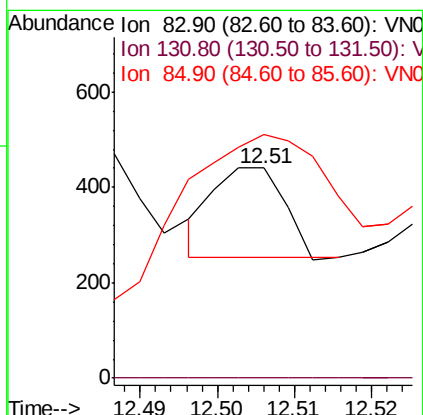
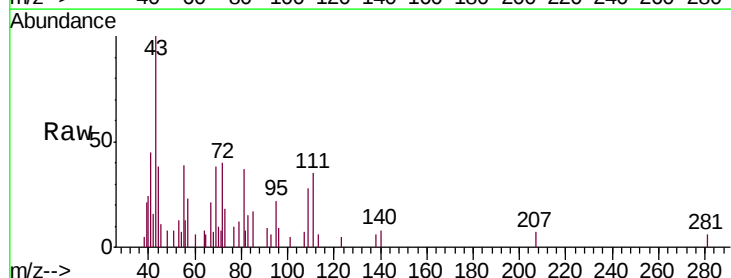
Instrument :
MSVOA_N
ClientSampled :
MW-24

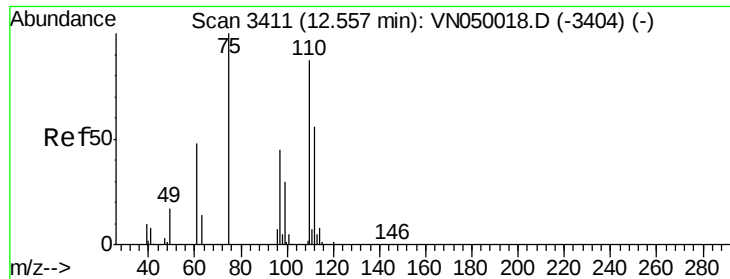
Tot Ion: 43 Resp: 2188
Ion Ratio Lower Upper
43 100
70 13.5 34.4 51.6#
55 0.0 20.8 31.2#
61 0.0 19.7 29.5#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion: 83 Resp: 119
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 390.8 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 31.30 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

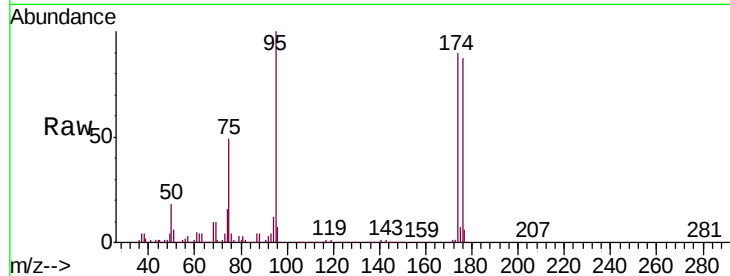
MW-24

Tot Ion: 75 Resp: 215776

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3404) (-)

Ion 77.00 (76.70 to 77.70): VN050018.D (-3404) (-)

12.40

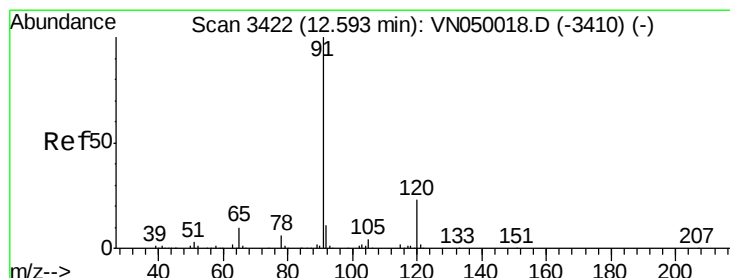
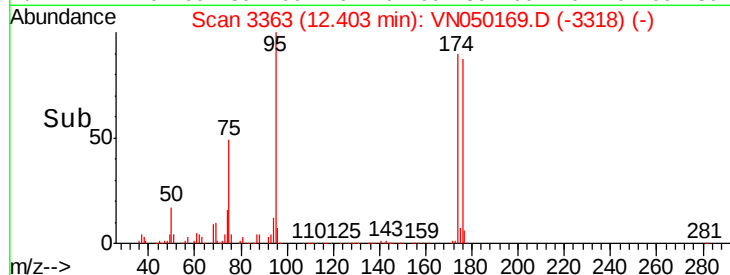
100000

50000

0

12.35 12.40 12.45

Time-->



#78

n-propylbenzene

Concen: 4.09 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050169.D

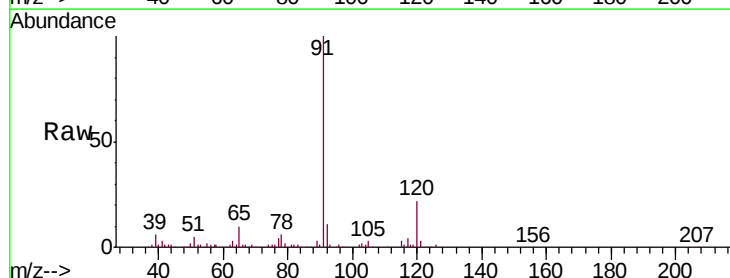
Acq: 28 Jul 2018 8:21

Tgt Ion: 91 Resp: 131409

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3410) (-)

12.59

80000

60000

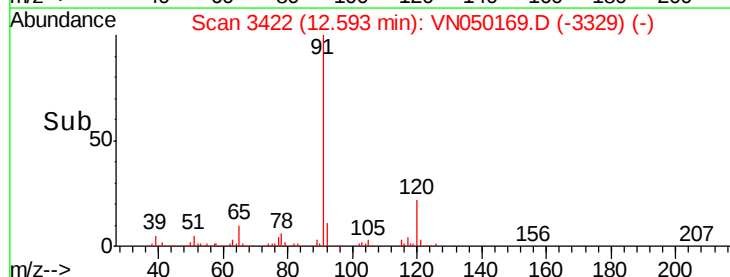
40000

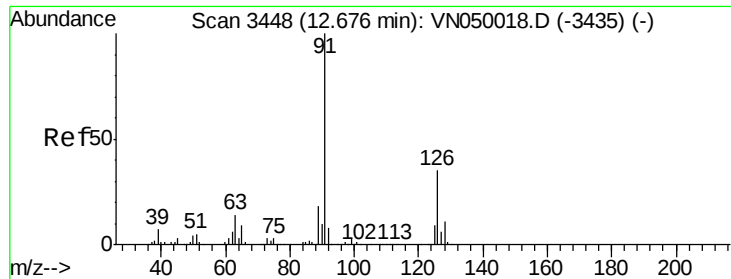
20000

0

12.55 12.60 12.65

Time-->





#79

2-Chlorotoluene

Concen: 0.46 ug/l

RT: 12.69 min Scan# 3452

Delta R.T. 0.01 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

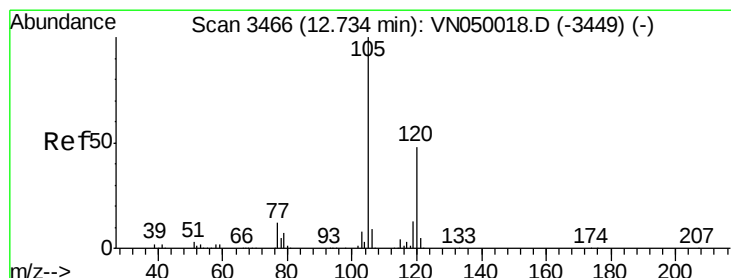
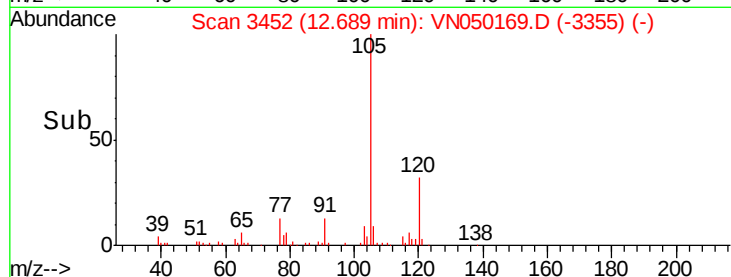
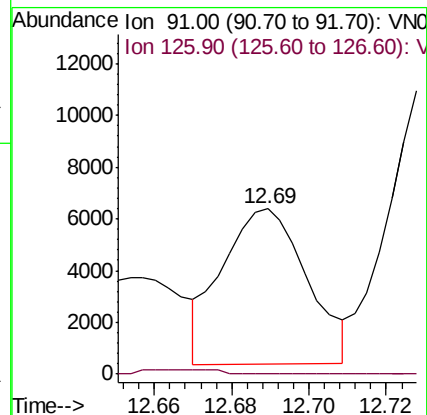
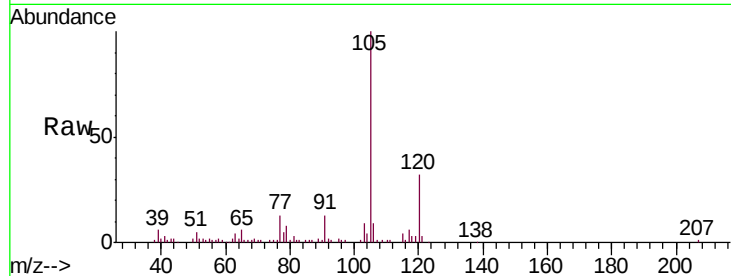
MW-24

Tot Ion: 91 Resp: 9105

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: 8.65 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050169.D

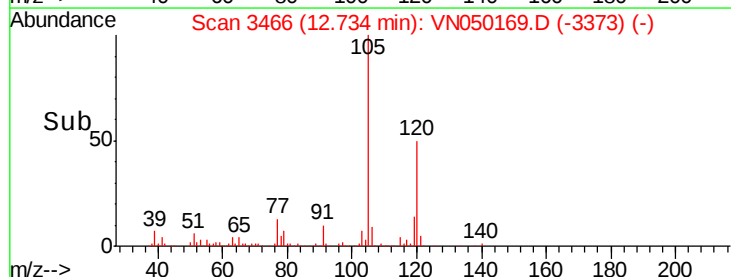
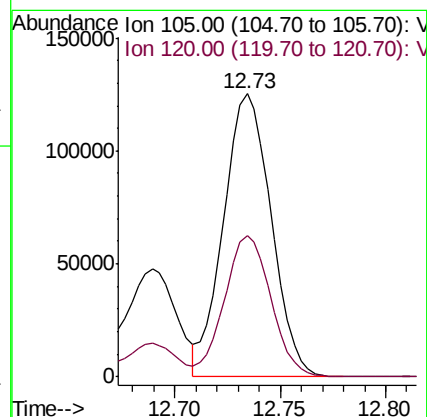
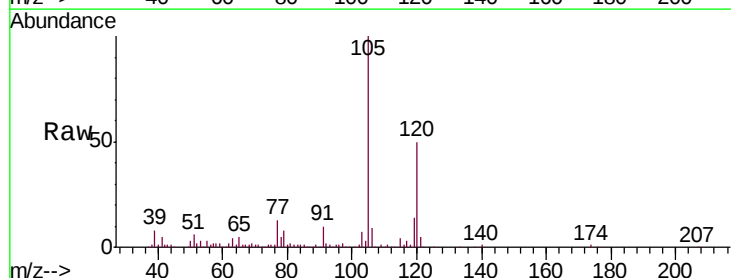
Acq: 28 Jul 2018 8:21

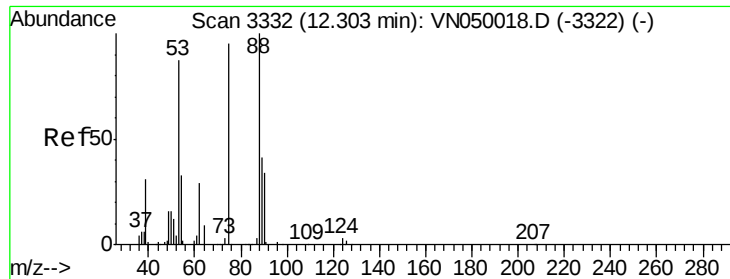
Tgt Ion: 105 Resp: 195799

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 99.28 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampleId :

MW-24

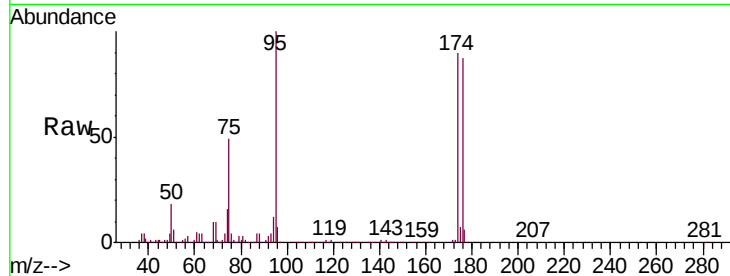
Tot Ion: 75 Resp: 215776

Ion Ratio Lower Upper

75 100

53 0.3 73.5 110.3#

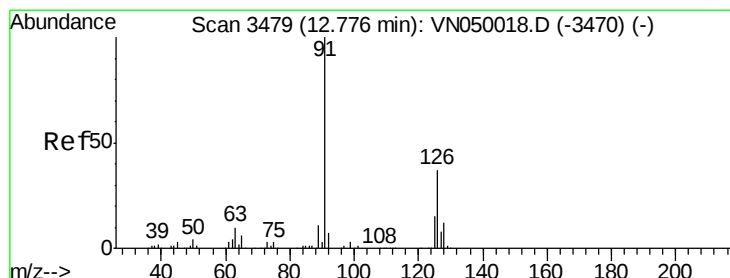
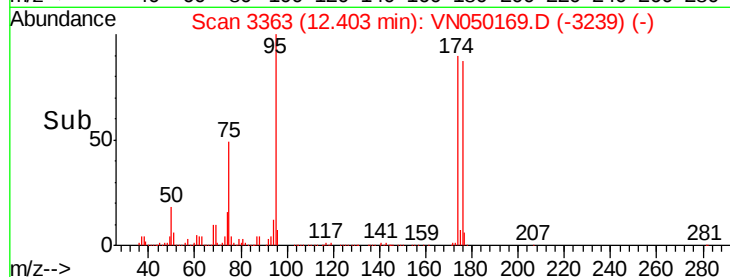
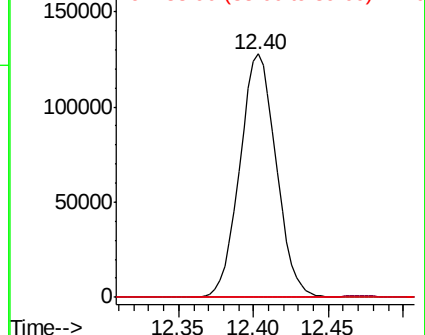
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.02 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN050169.D

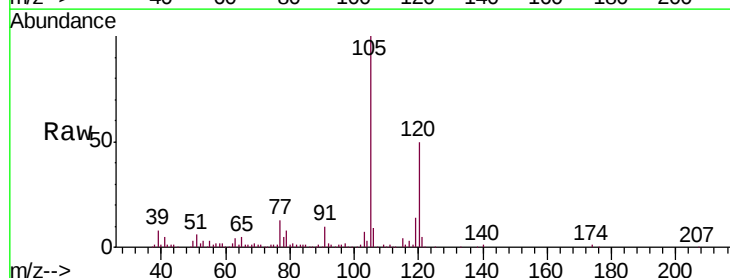
Acq: 28 Jul 2018 8:21

Tgt Ion: 91 Resp: 20151

Ion Ratio Lower Upper

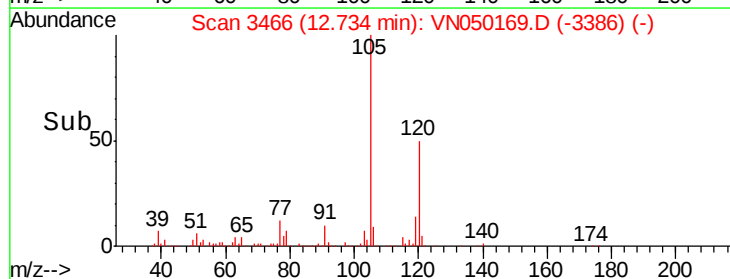
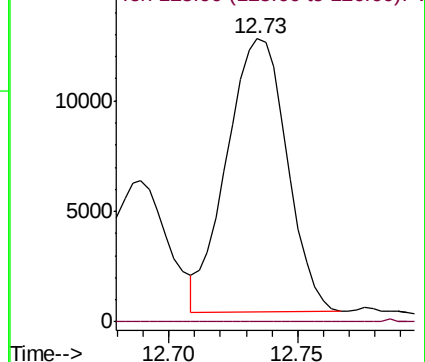
91 100

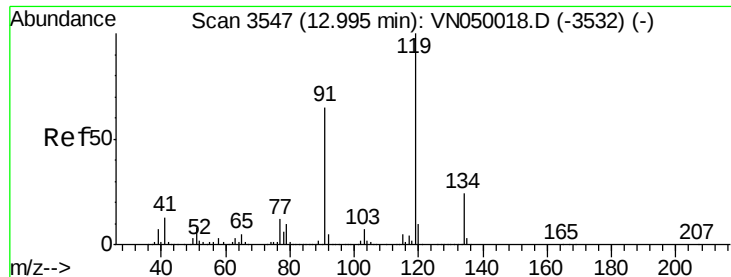
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

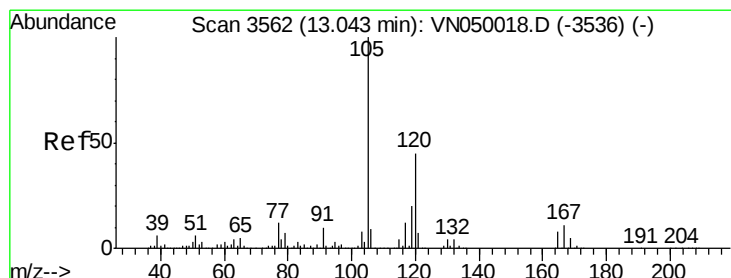
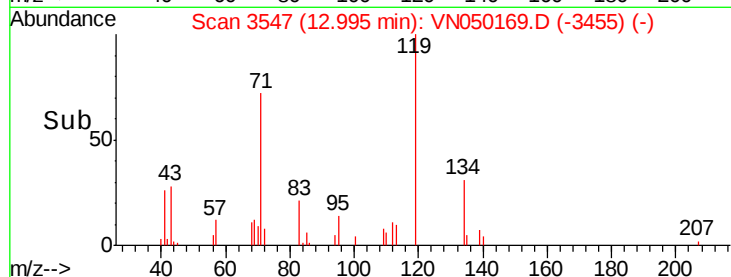
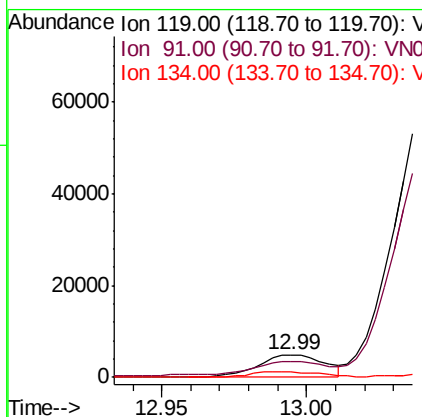
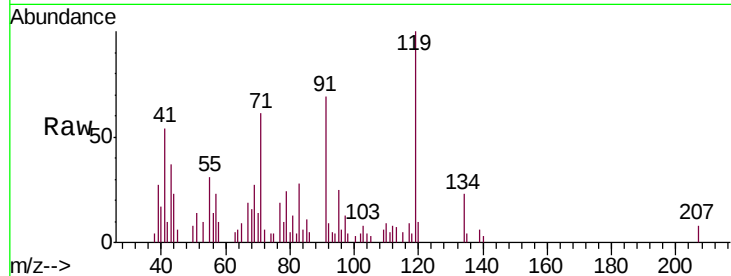




#83
 tert-Butylbenzene
 Concen: 0.40 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050169.D
 Acq: 28 Jul 2018 8:21

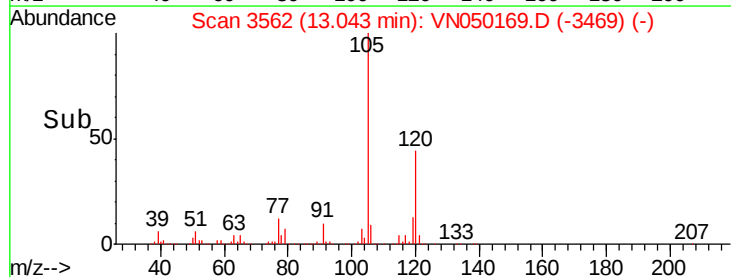
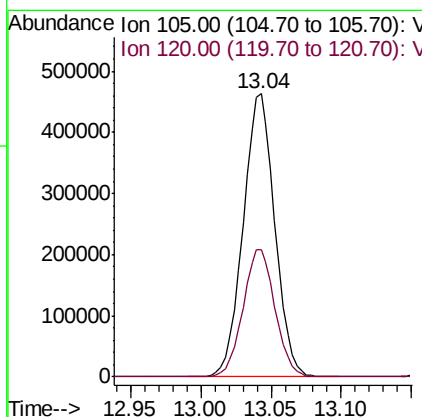
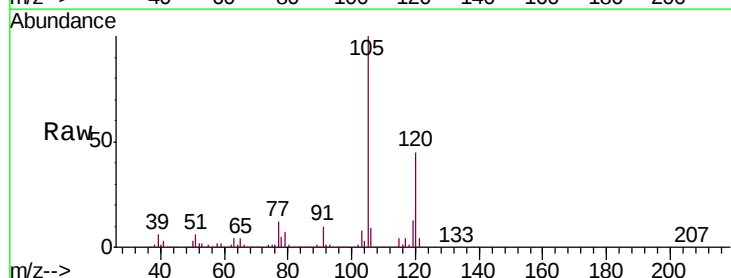
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

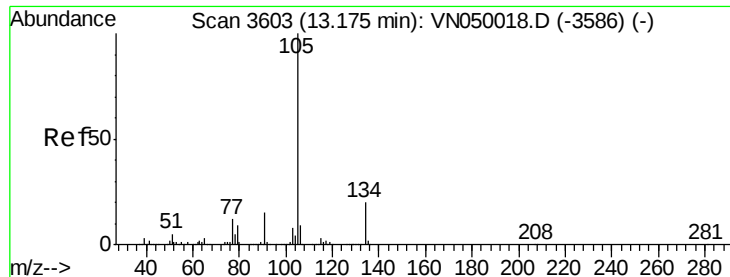
Tot Ion:119 Resp: 7821
 Ion Ratio Lower Upper
 119 100
 91 62.3 32.1 96.3
 134 26.7 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 31.82 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050169.D
 Acq: 28 Jul 2018 8:21

Tgt Ion:105 Resp: 725795
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 1.51 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

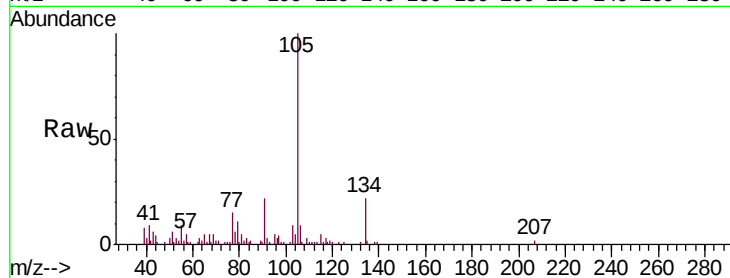
MW-24

Tot Ion:105 Resp: 39833

Ion Ratio Lower Upper

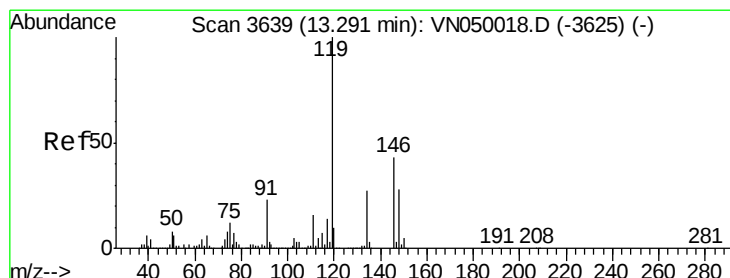
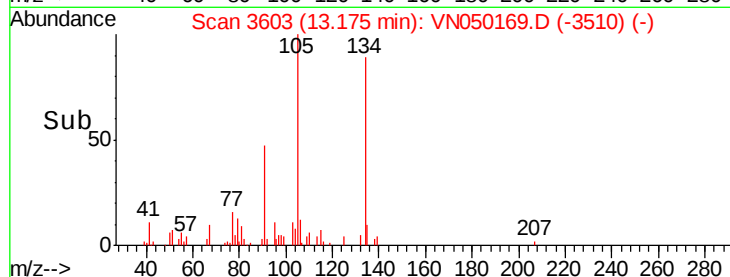
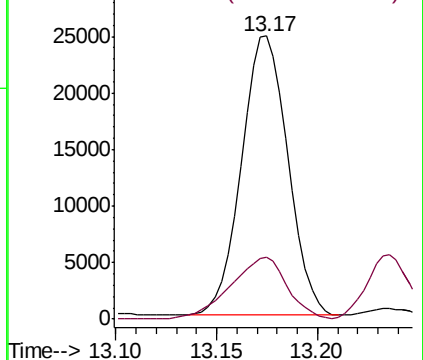
105 100

134 26.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.74 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

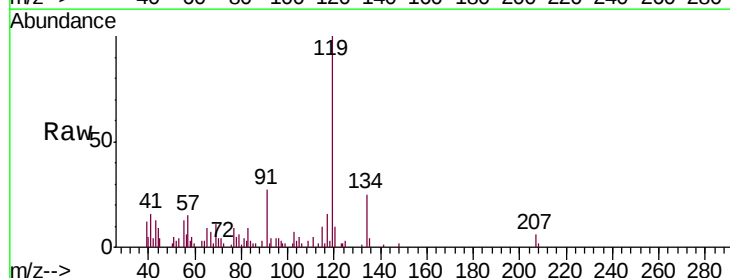
Tgt Ion:119 Resp: 16541

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

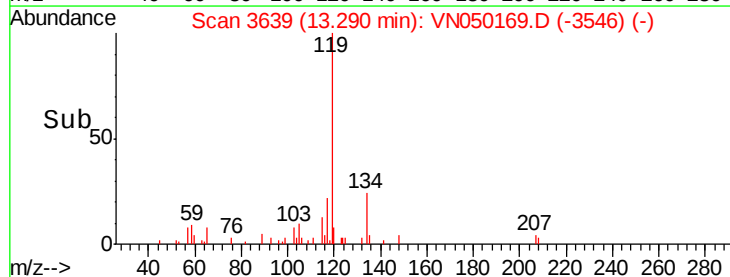
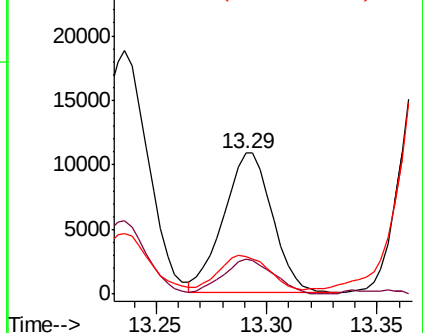
91 23.7 11.4 34.2

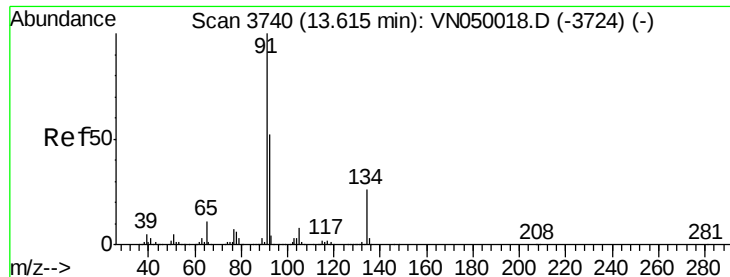


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.80 ug/l

RT: 13.58 min Scan# 3730

Delta R.T. -0.04 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

MW-24

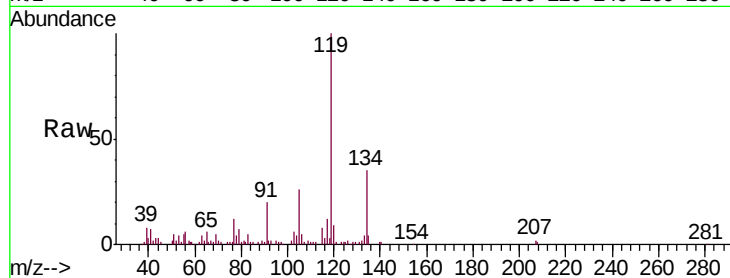
Tot Ion: 91 Resp: 14591

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

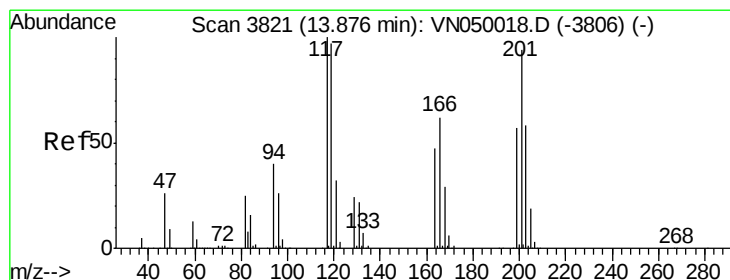
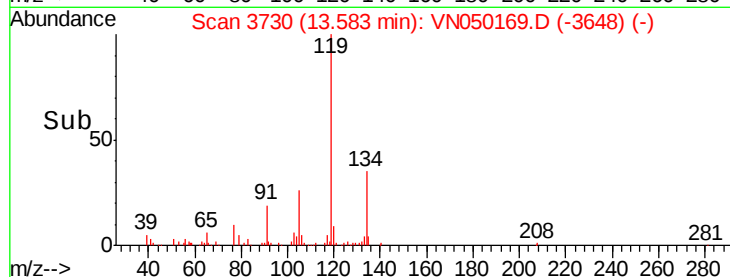
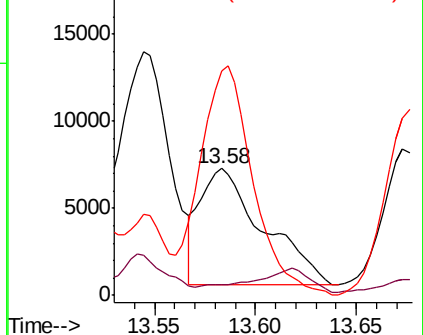
134 163.5 12.8 38.4#



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3724) (-)

Ion 92.00 (91.70 to 92.70): VN050018.D (-3724) (-)

Ion 134.00 (133.70 to 134.70): VN050018.D (-3724) (-)



#90

Hexachloroethane

Concen: 1.93 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050169.D

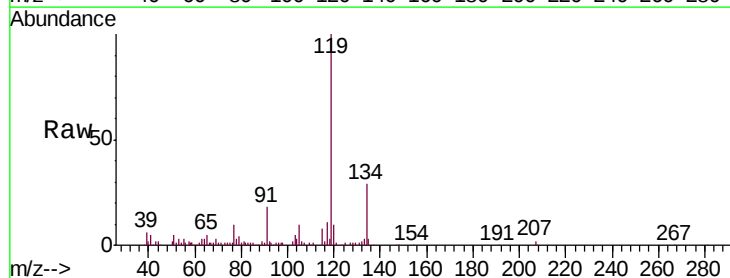
Acq: 28 Jul 2018 8:21

Tgt Ion: 117 Resp: 9530

Ion Ratio Lower Upper

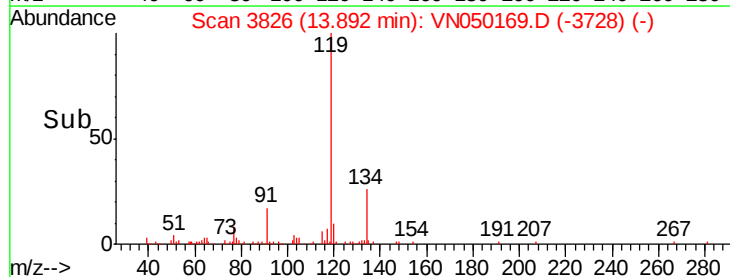
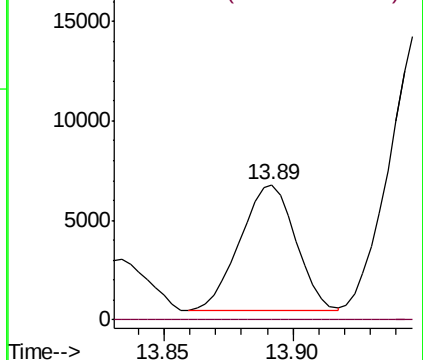
117 100

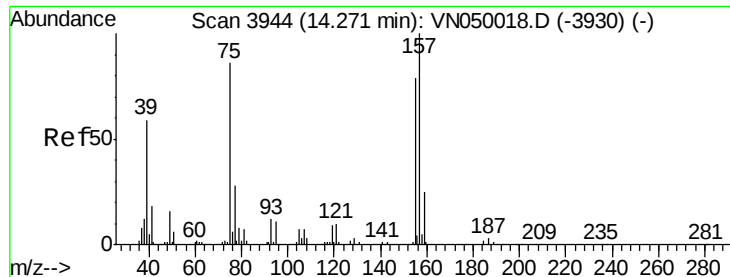
201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): VN050018.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN050018.D (-3806) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

Instrument :

MSVOA_N

ClientSampled :

MW-24

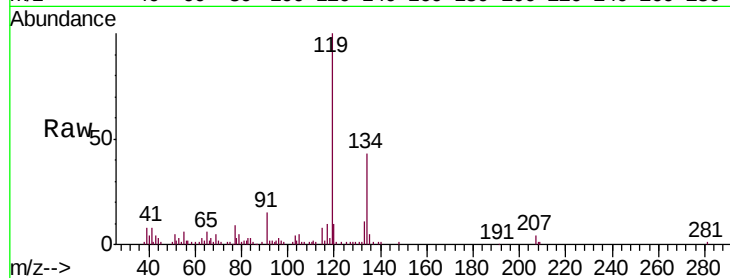
Tot Ion: 75 Resp: 482

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

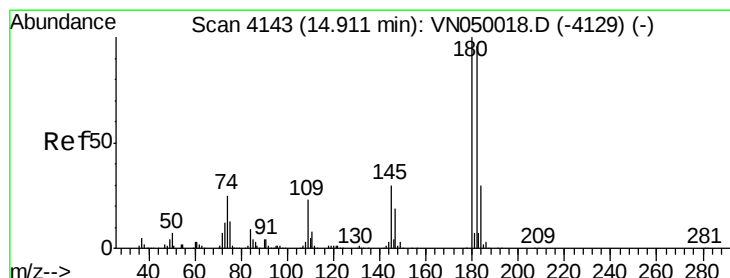
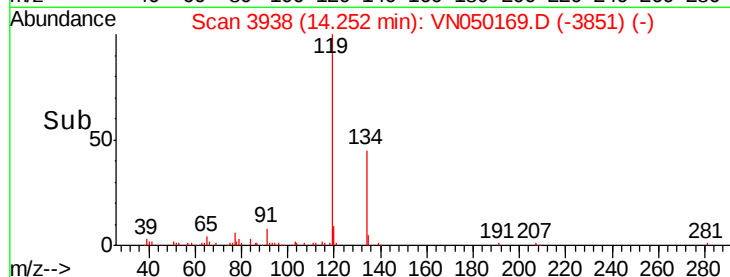
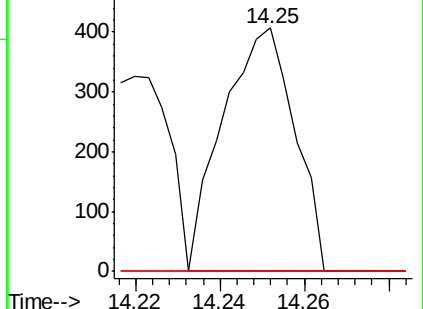
157 0.0 57.2 171.6#



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

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.11 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.01 min

Lab File: VN050169.D

Acq: 28 Jul 2018 8:21

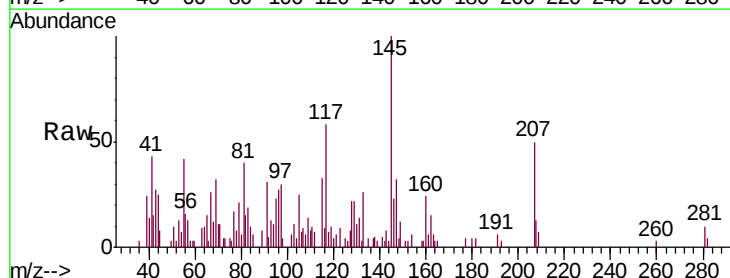
Tgt Ion: 180 Resp: 185

Ion Ratio Lower Upper

180 100

182 63.8 46.7 140.1

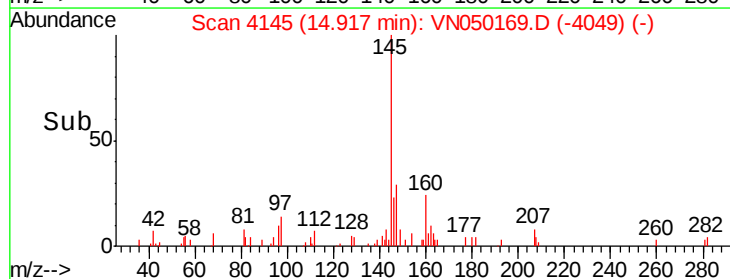
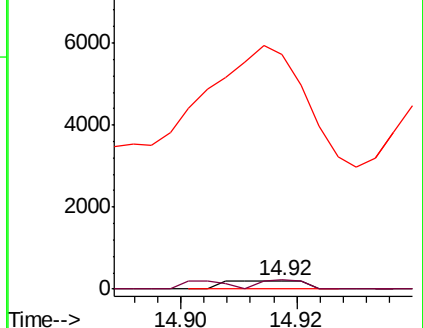
145 7137.8 13.8 41.4#

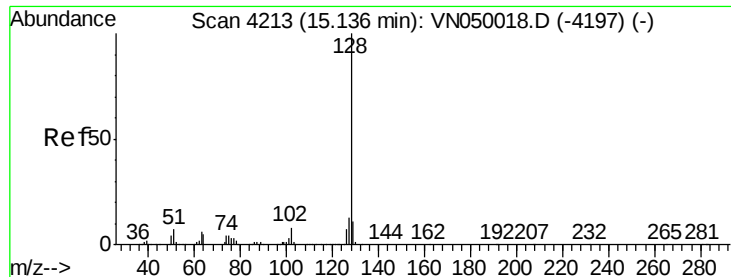


Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050018.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050018.D (-4129) (-)

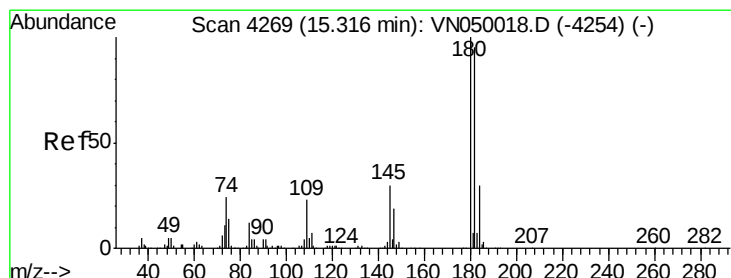
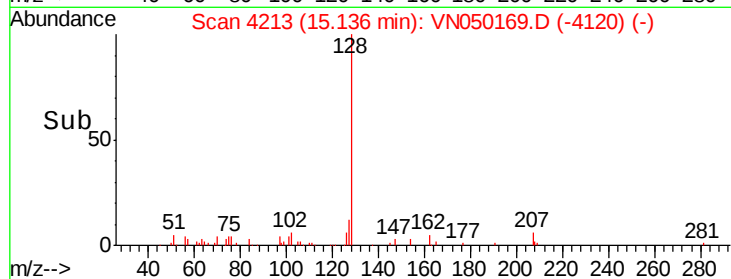
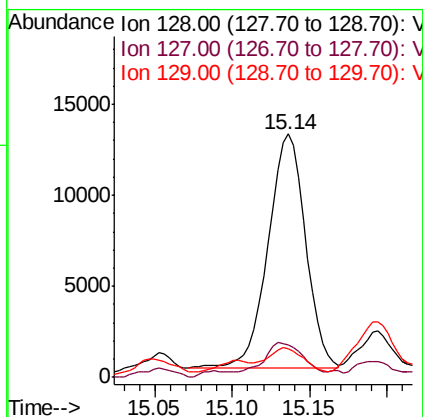
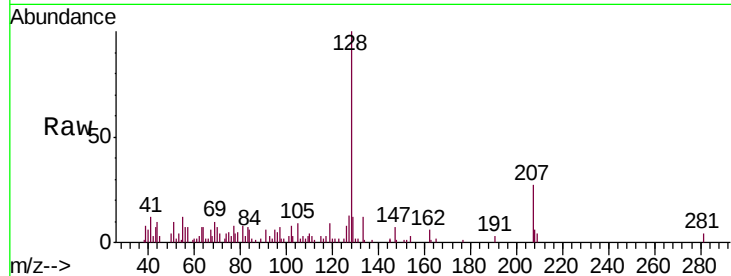




#95
Naphthalene
Concen: 5.58 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Instrument :
MSVOA_N
ClientSampleId :
MW-24

Tot Ion:128 Resp: 21610
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.22 ug/l
RT: 15.33 min Scan# 4273
Delta R.T. 0.01 min
Lab File: VN050169.D
Acq: 28 Jul 2018 8:21

Tgt Ion:180 Resp: 113
Ion Ratio Lower Upper
180 100
182 61.1 48.1 144.4
145 0.0 15.3 45.9#

