

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050363.D
 Acq On : 4 Aug 2018 13:42
 Operator : MD\SY
 Sample : J4328-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Aug 06 01:36:36 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	652065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399059	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	439036	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.59	113	387257	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	10.09	98	1419308	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.40	95	449989	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	

Target Compounds				Qvalue		
3) Chloromethane	2.06	50	4260	0.42	ug/l	94
5) Bromomethane	2.57	94	3401	Below	Cal	# 76
11) Tert butyl alcohol	4.81	59	2089	3.12	ug/l	# 72
13) Acrolein	3.61	56	286	0.53	ug/l	# 15
14) Allyl chloride	4.53	41	3803	0.33	ug/l	# 24
15) Acrylonitrile	5.05	53	1450	0.50	ug/l	# 34
16) Acetone	3.82	43	36096	12.72	ug/l	98
17) Carbon Disulfide	4.05	76	8342	0.36	ug/l	# 92
18) Methyl Acetate	4.34	43	5129	Below	Cal	# 81
19) Methyl tert-butyl Ether	5.05	73	15596	0.78	ug/l	# 1
20) Methylene Chloride	4.55	84	1886	Below	Cal	# 87
25) 2-Butanone	6.84	43	7240	2.09	ug/l	# 74
31) Cyclohexane	7.66	56	67311	5.31	ug/l	# 83
36) 1,1-Dichloropropene	7.67	75	46033	4.00	ug/l	# 53
37) Ethyl Acetate	6.84	43	7240	0.90	ug/l	# 74
38) Carbon Tetrachloride	7.67	117	58724	4.80	ug/l	# 16
39) Methylcyclohexane	9.08	83	25289	2.13	ug/l	97
40) Benzene	8.04	78	152174	4.34	ug/l	99
41) Methacrylonitrile	7.22	41	164	2.79	ug/l	# 25
43) Isopropyl Acetate	8.15	43	3445	Below	Cal	# 61
51) 4-Methyl-2-Pentanone	9.99	43	3479	0.44	ug/l	# 72
52) Toluene	10.16	92	5655	0.27	ug/l	92
55) 1,1,2-Trichloroethane	10.53	97	9131	1.11	ug/l	# 20
56) Ethyl methacrylate	10.43	69	4301	2.40	ug/l	# 1
59) 2-Hexanone	10.61	43	3654	5.79	ug/l	73
65) Chlorobenzene	11.44	112	9722181	419.24	ug/l	99
67) Ethyl Benzene	11.51	91	9072	0.24	ug/l	94
68) m/p-Xylenes	11.63	106	5499	0.39	ug/l	83
69) o-Xylene	11.95	106	3579	0.27	ug/l	90
70) Styrene	11.97	104	201	0.93	ug/l	# 25
71) Bromoform	12.40	173	2397	0.37	ug/l	# 1
73) Isopropylbenzene	12.25	105	51686	1.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.49	83	32	Below	Cal	# 25
76) 1,2,3-Trichloropropane	12.40	75	218394	29.45	ug/l	# 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050363.D
 Acq On : 4 Aug 2018 13:42
 Operator : MD\SY
 Sample : J4328-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Aug 06 01:36:36 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

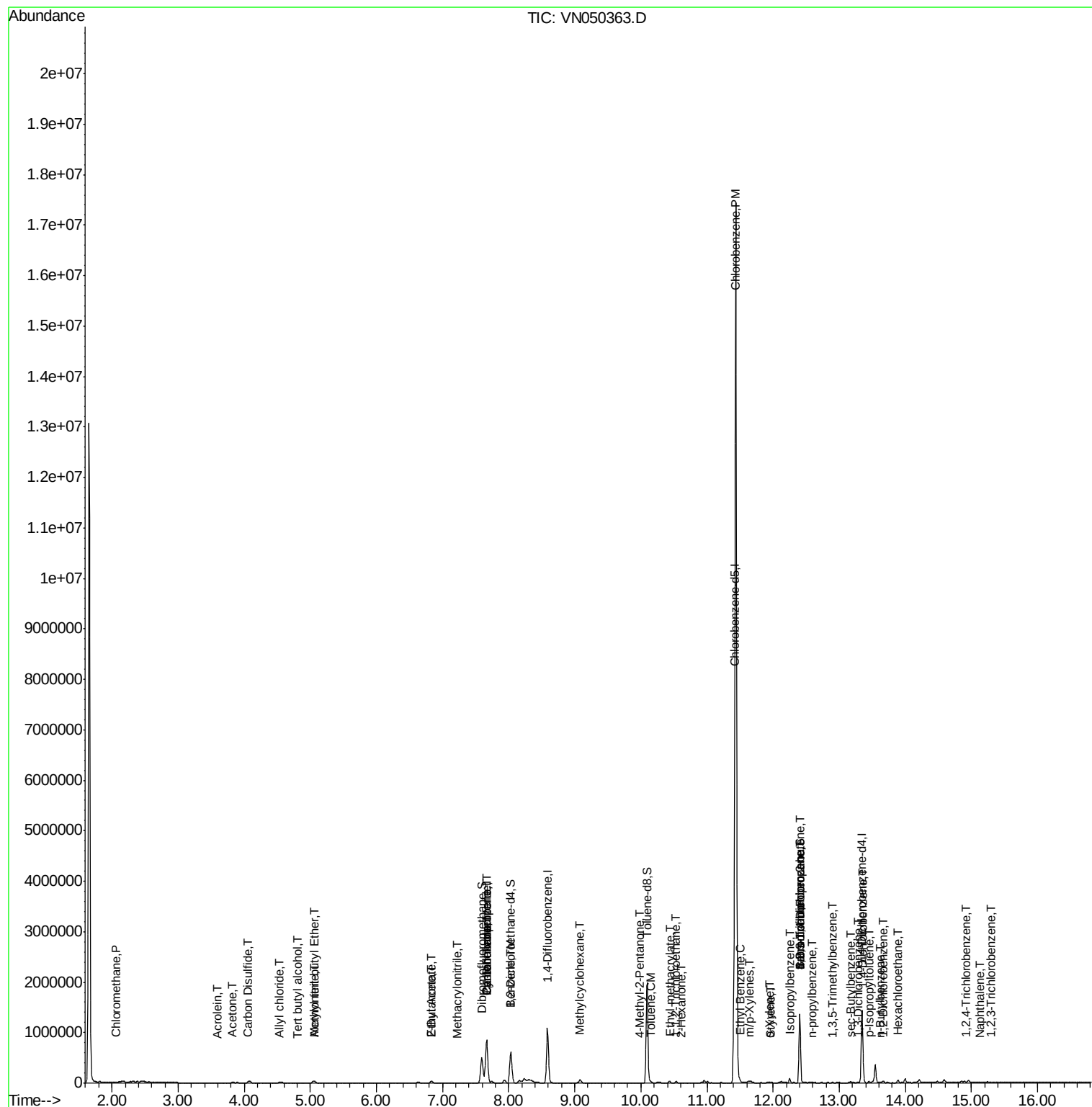
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.59	91	9084	0.26	ug/l	93
80) 1,3,5-Trimethylbenzene	12.89	105	6746	0.28	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.40	75	218394	93.40	ug/l #	13
85) sec-Butylbenzene	13.17	105	12063	0.42	ug/l #	77
86) p-Isopropyltoluene	13.44	119	7035	0.29	ug/l	90
87) 1,3-Dichlorobenzene	13.28	146	6612	0.45	ug/l	91
88) 1,4-Dichlorobenzene	13.36	146	55468	3.91	ug/l	92
89) n-Butylbenzene	13.61	91	4952	0.25	ug/l	95
90) Hexachloroethane	13.89	117	3570	0.67	ug/l #	4
91) 1,2-Dichlorobenzene	13.66	146	4982	0.34	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.28	75	308	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	459	3.14	ug/l #	1
95) Naphthalene	15.13	128	2924	4.56	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.31	180	446	2.26	ug/l #	1

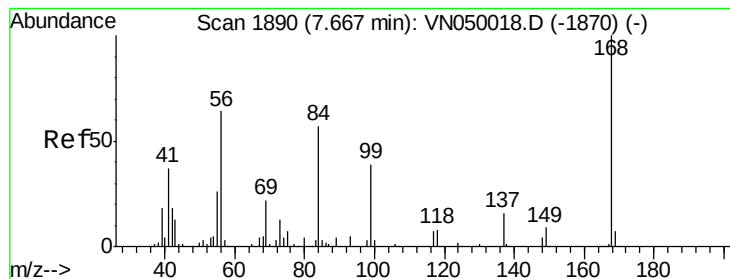
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
Data File : VN050363.D
Acq On : 4 Aug 2018 13:42
Operator : MD\SY
Sample : J4328-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-24

Quant Time: Aug 06 01:36:36 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: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

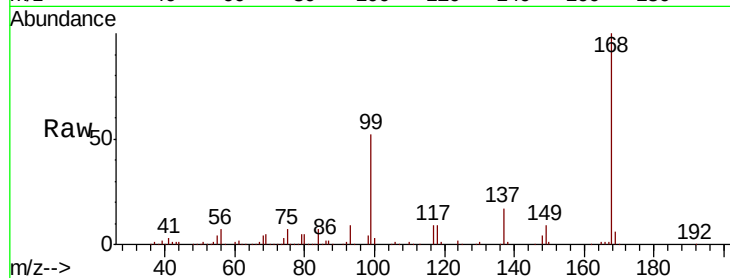
MW-24

Tot Ion:168 Resp: 652065

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): VN

7.67

300000

250000

200000

150000

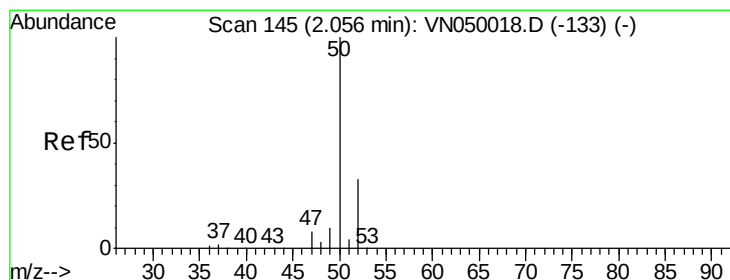
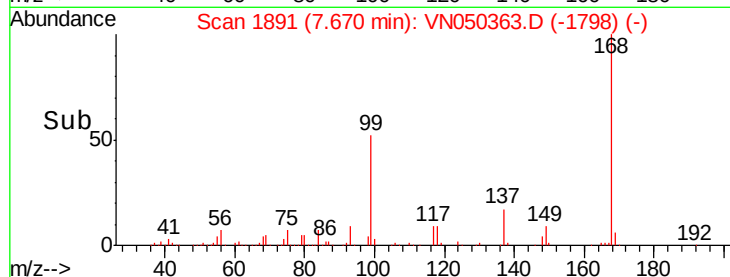
100000

50000

0

Time-->

7.60 7.70 7.80



#3

Chloromethane

Concen: 0.42 ug/l

RT: 2.06 min Scan# 147

Delta R.T. 0.01 min

Lab File: VN050363.D

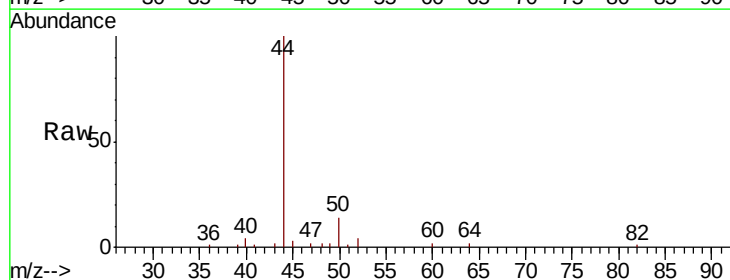
Acq: 4 Aug 2018 13:42

Tgt Ion: 50 Resp: 4260

Ion Ratio Lower Upper

50 100

52 29.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

3000

2500

2000

1500

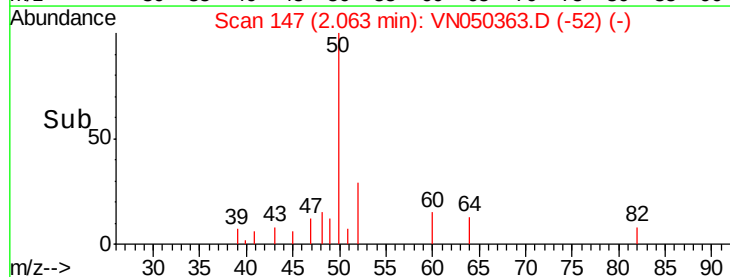
1000

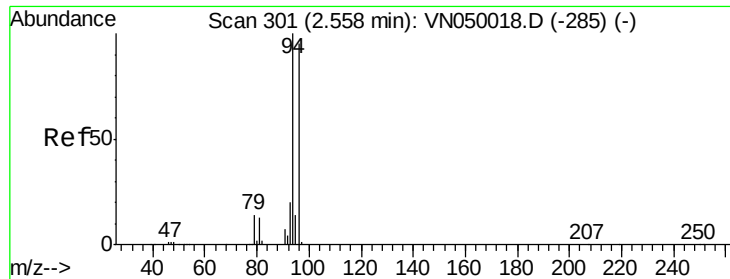
500

0

Time-->

2.00 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

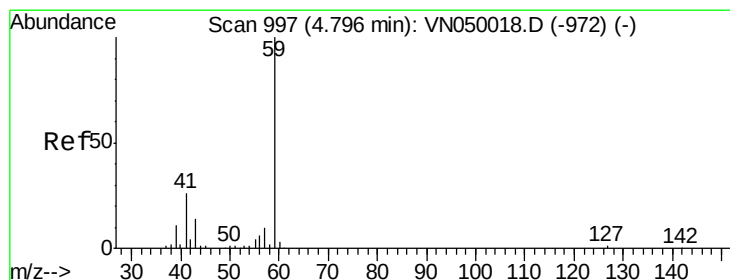
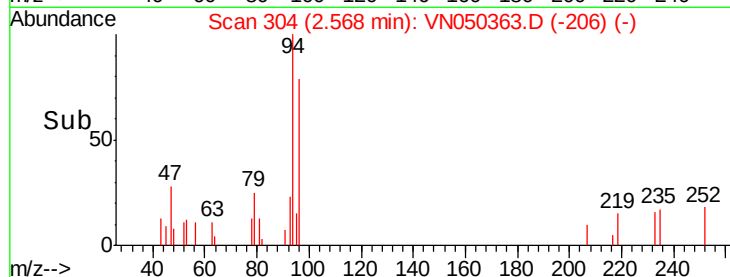
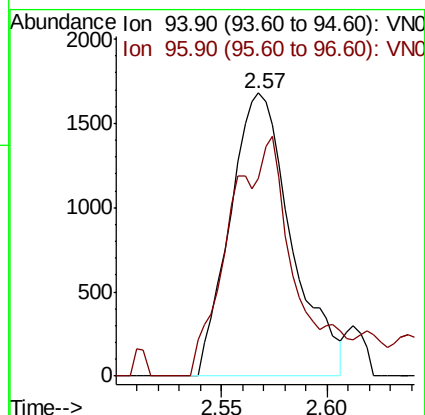
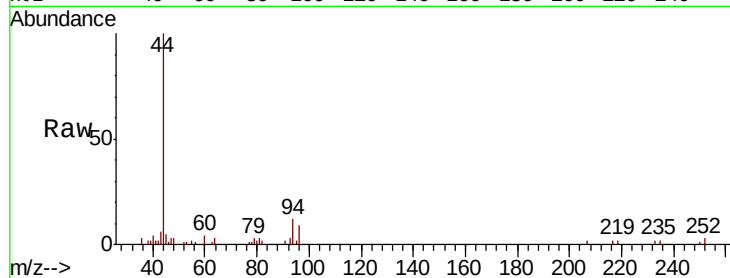
MW-24

Tot Ion: 94 Resp: 3401

Ion Ratio Lower Upper

94 100

96 69.8 74.6 112.0#



#11

Tert butyl alcohol

Concen: 3.12 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN050363.D

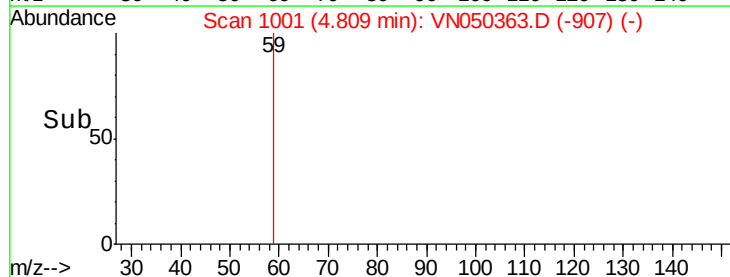
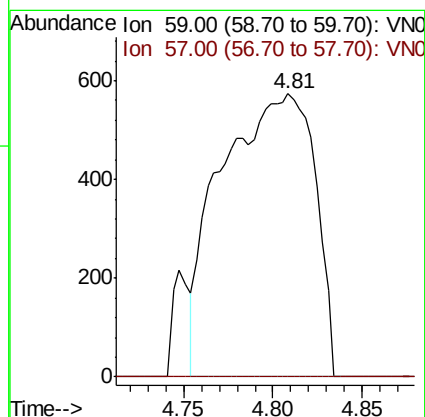
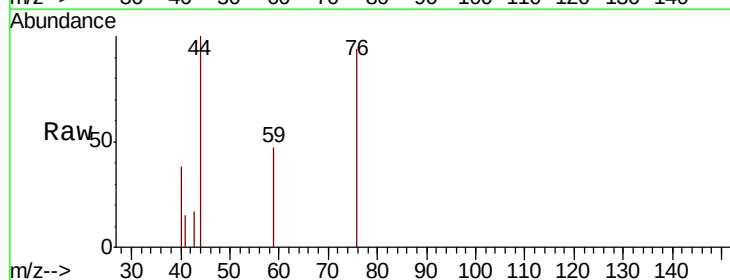
Acq: 4 Aug 2018 13:42

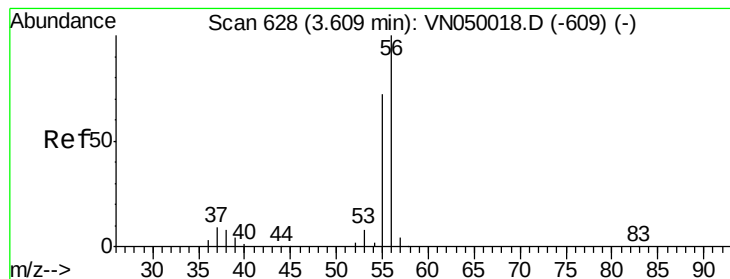
Tgt Ion: 59 Resp: 2089

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 0.53 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

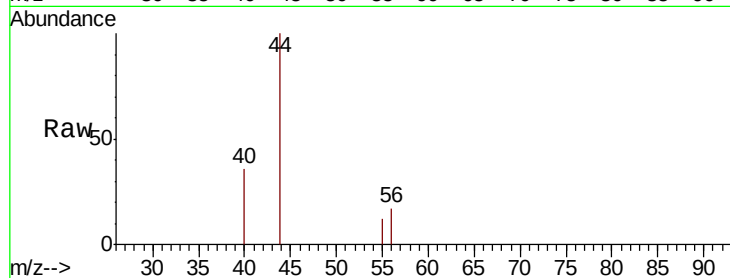
MW-24

Tot Ion: 56 Resp: 286

Ion Ratio Lower Upper

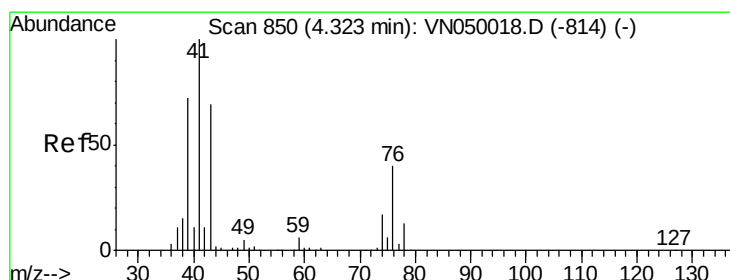
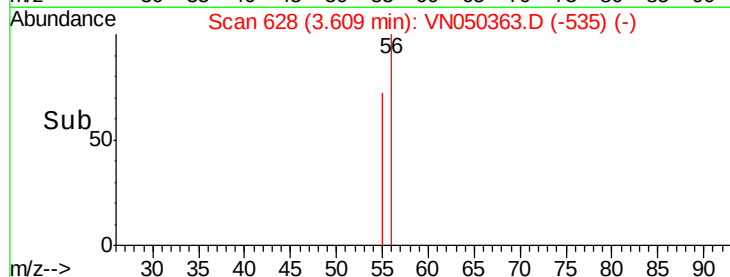
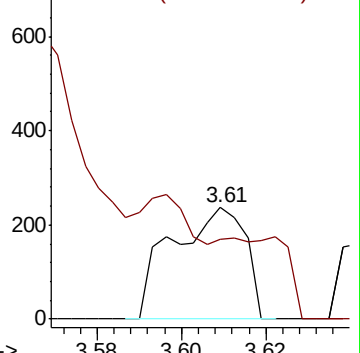
56 100

55 0.0 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.33 ug/l

RT: 4.53 min Scan# 914

Delta R.T. 0.21 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

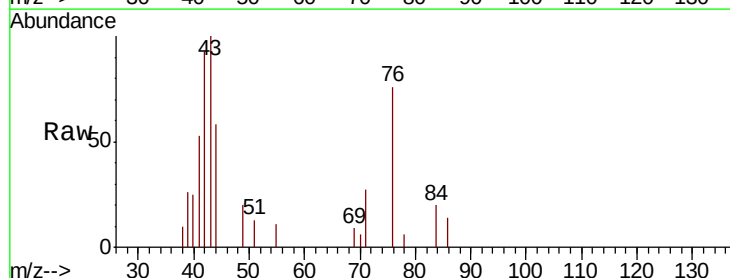
Tgt Ion: 41 Resp: 3803

Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

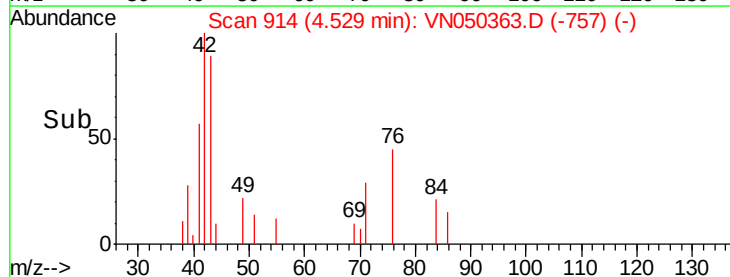
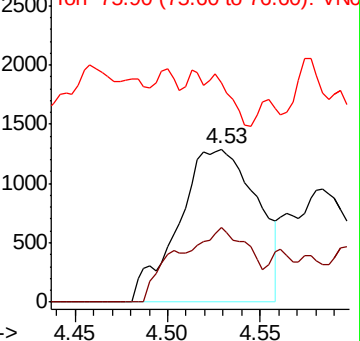
76 0.0 29.0 43.6#

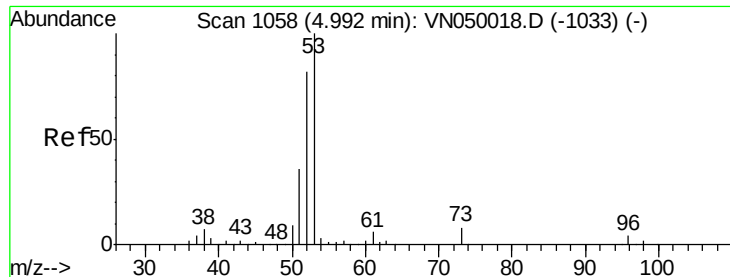


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 0.50 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.05 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

MW-24

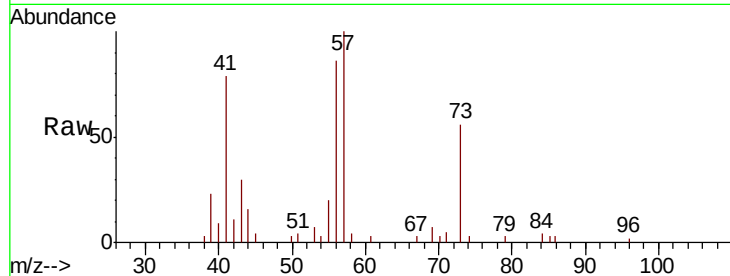
Tot Ion: 53 Resp: 1450

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

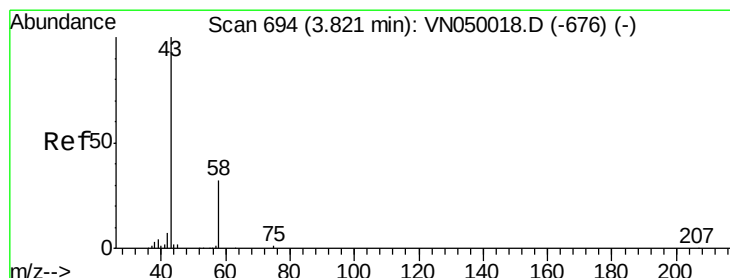
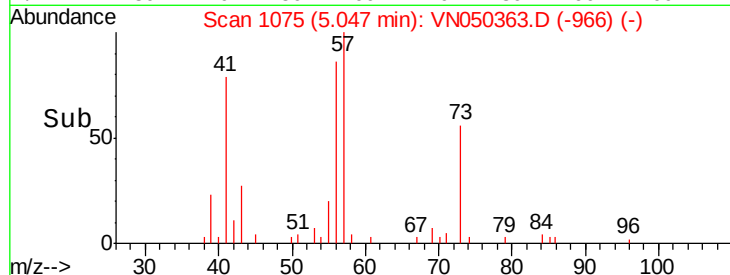
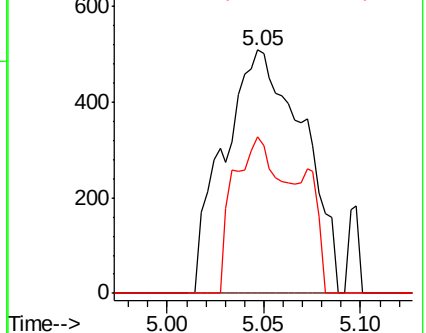
51 41.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 12.72 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050363.D

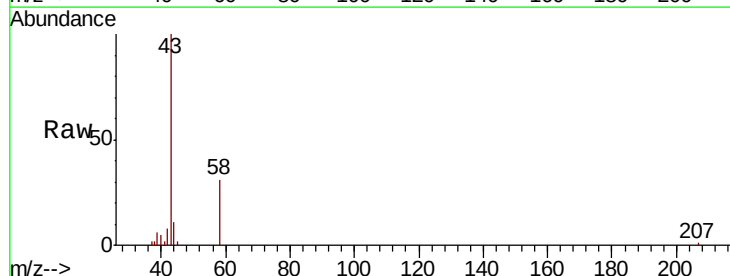
Acq: 4 Aug 2018 13:42

Tgt Ion: 43 Resp: 36096

Ion Ratio Lower Upper

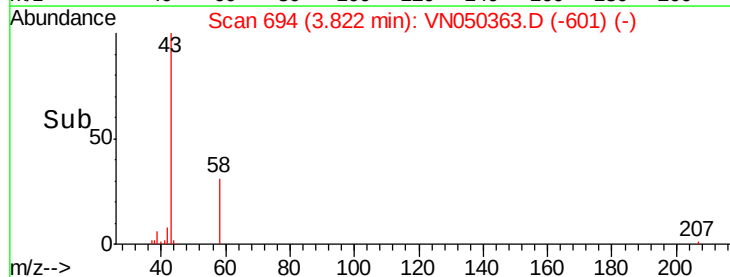
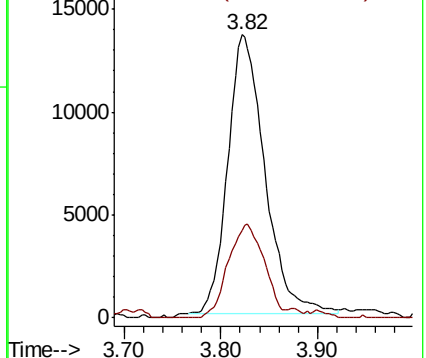
43 100

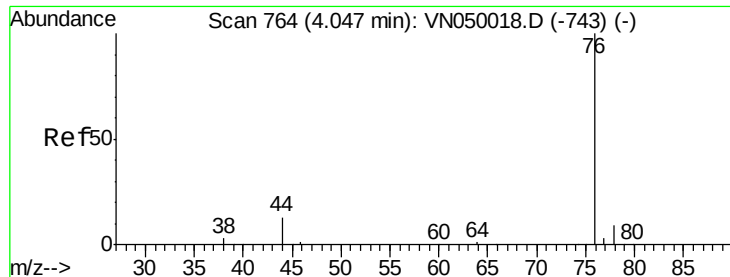
58 31.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.36 ua/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

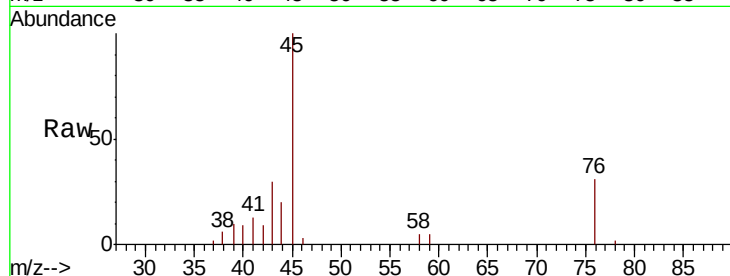
MW-24

Tot Ion: 76 Resp: 8342

Ion Ratio Lower Upper

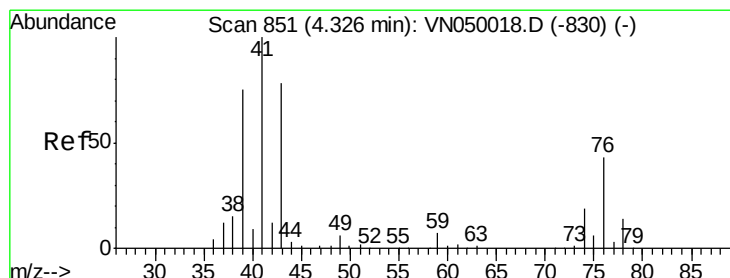
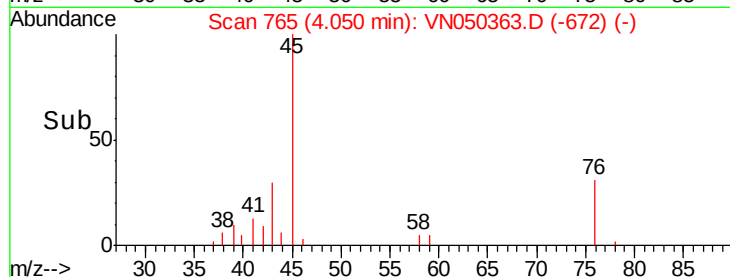
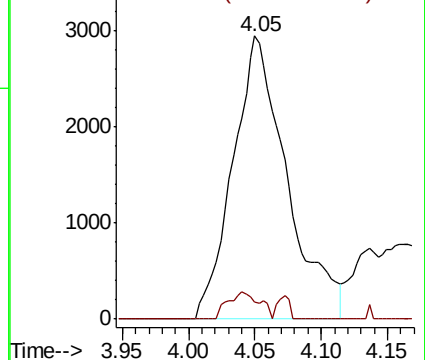
76 100

78 6.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050363.D

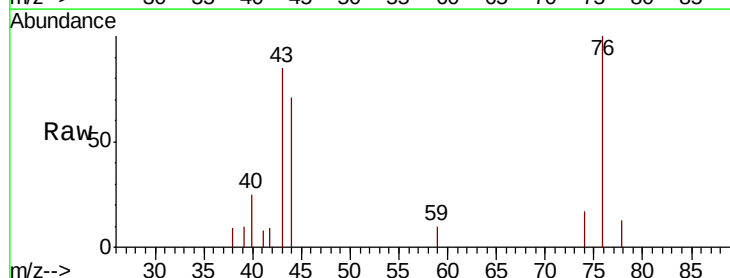
Acq: 4 Aug 2018 13:42

Tgt Ion: 43 Resp: 5129

Ion Ratio Lower Upper

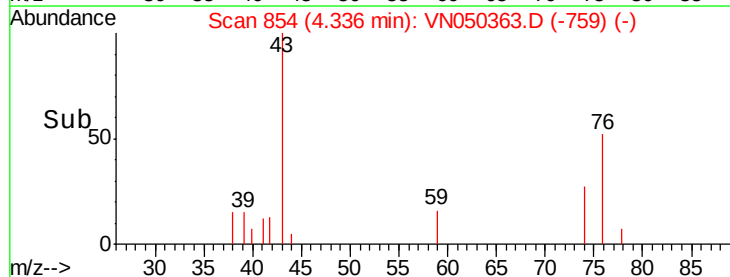
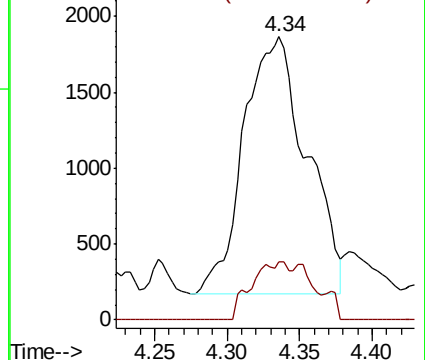
43 100

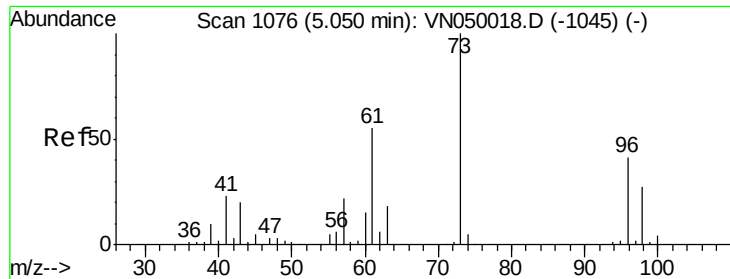
74 14.4 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

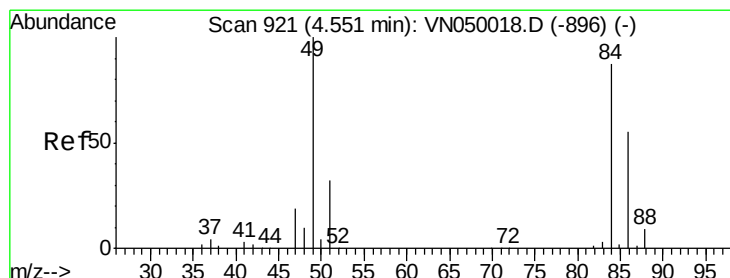
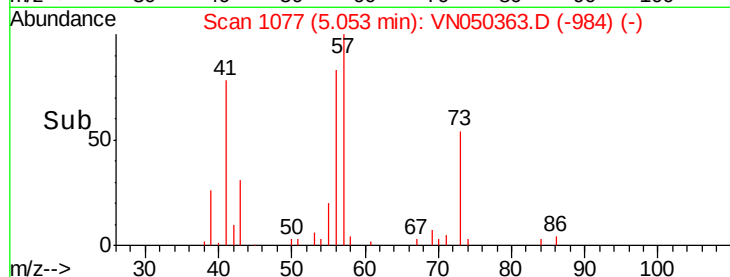
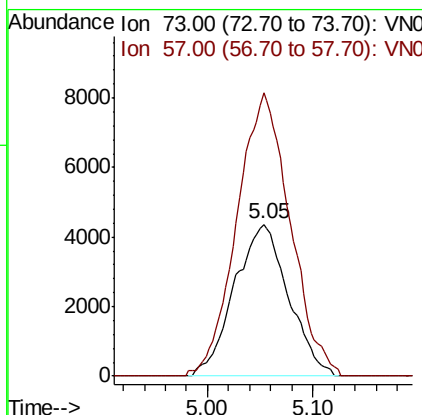
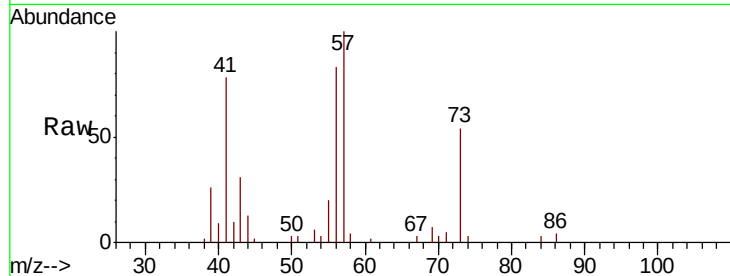




#19
Methyl tert-butyl Ether
Concen: 0.78 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

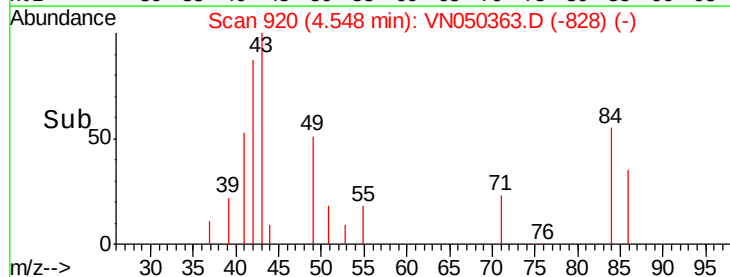
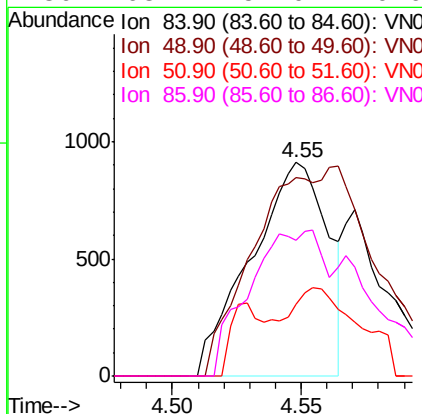
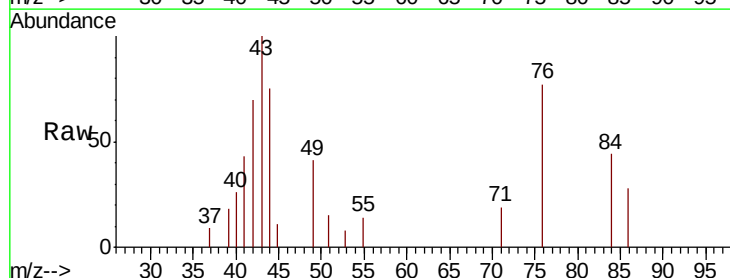
Instrument :
MSVOA_N
ClientSampled :
MW-24

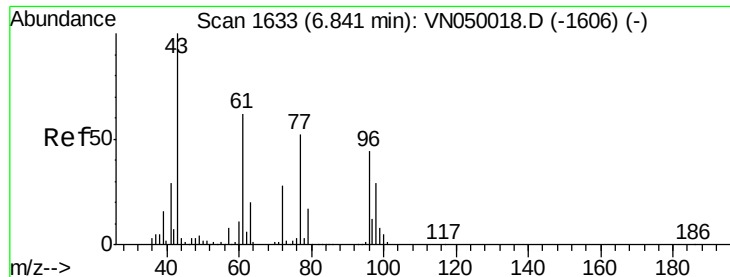
Tot Ion: 73 Resp: 15596
Ion Ratio Lower Upper
73 100
57 183.2 18.0 27.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion: 84 Resp: 1886
Ion Ratio Lower Upper
84 100
49 92.9 94.8 142.2#
51 33.7 28.3 42.5
86 63.4 51.0 76.6





#25

2-Butanone

Concen: 2.09 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampleId :

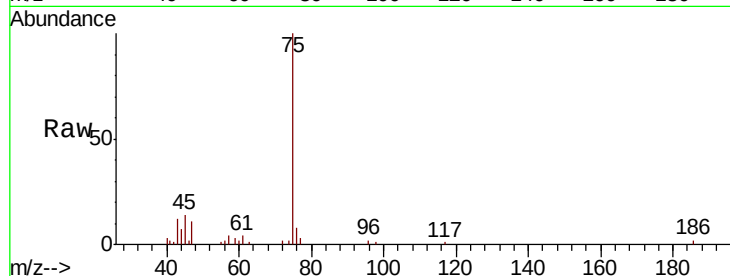
MW-24

Tot Ion: 43 Resp: 7240

Ion Ratio Lower Upper

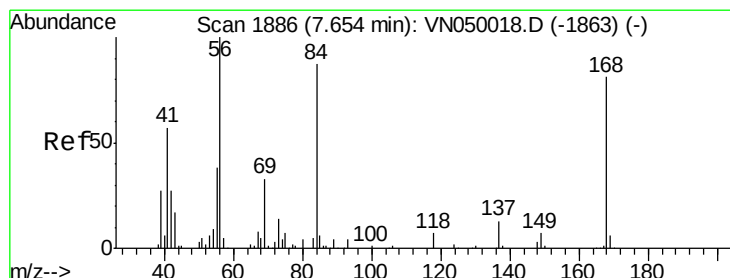
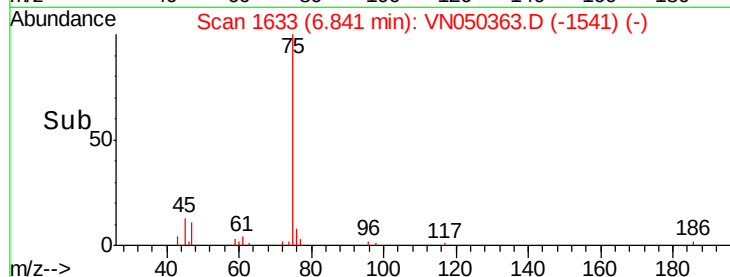
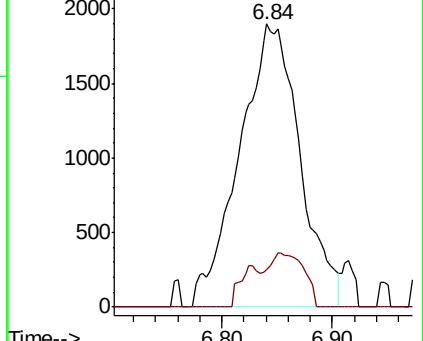
43 100

72 13.4 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#31

Cyclohexane

Concen: 5.31 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

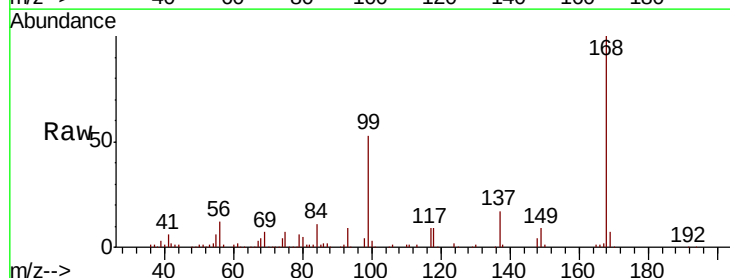
Tgt Ion: 56 Resp: 67311

Ion Ratio Lower Upper

56 100

69 55.0 26.2 39.4#

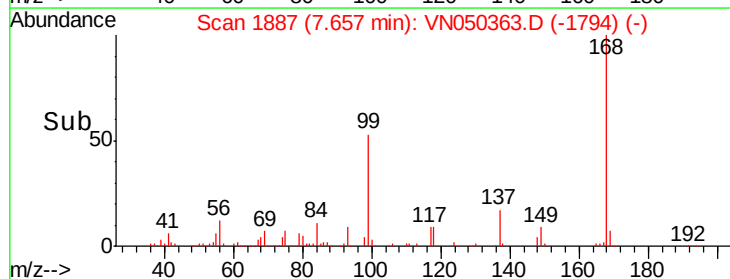
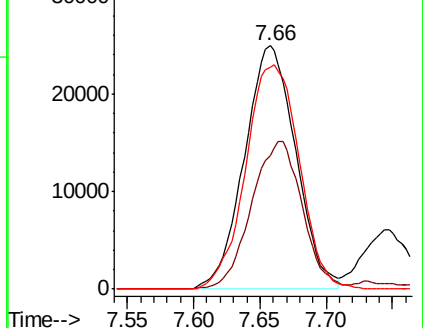
84 91.4 67.4 101.0

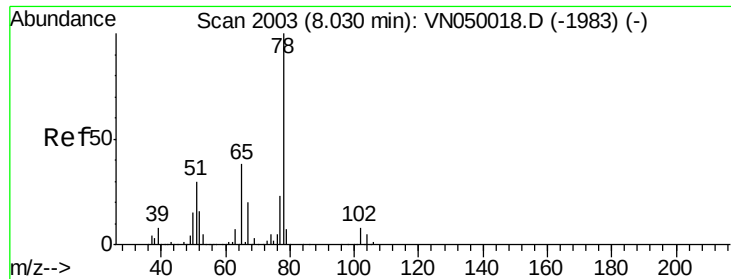


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

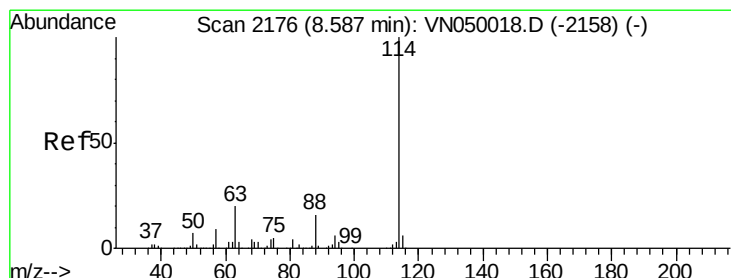
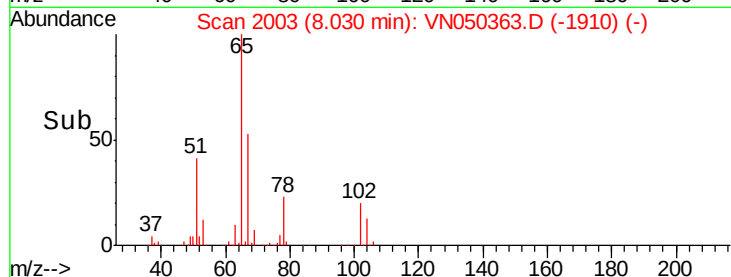
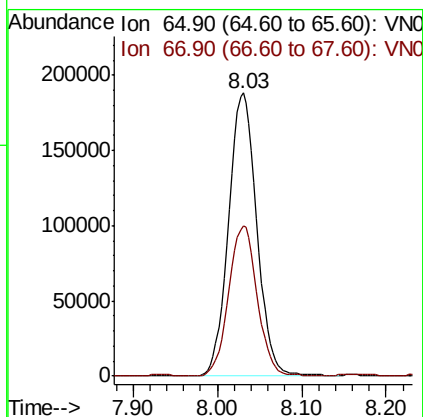
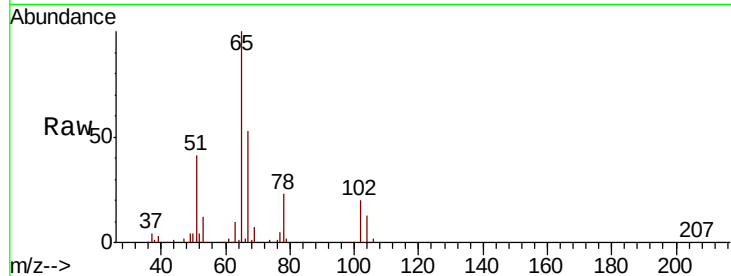




#33
 1,2-Dichloroethane-d4
 Concen: 48.26 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

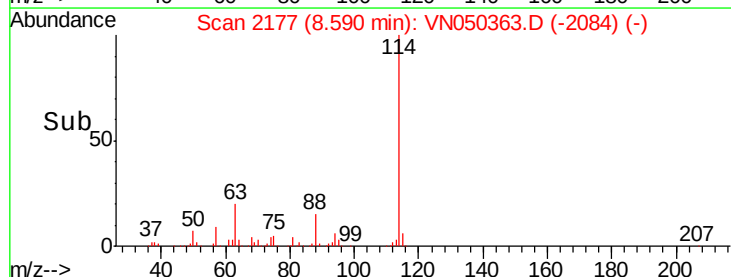
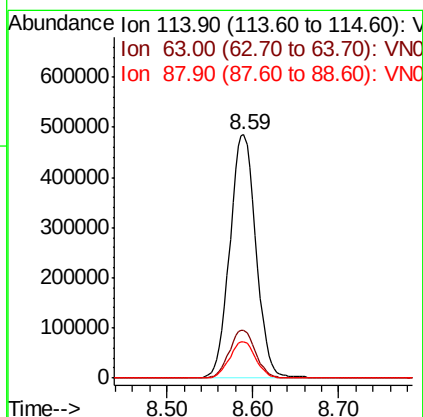
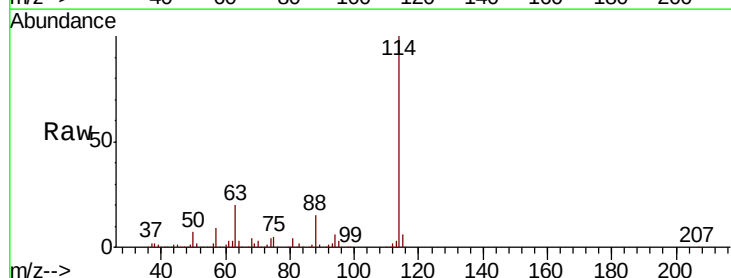
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

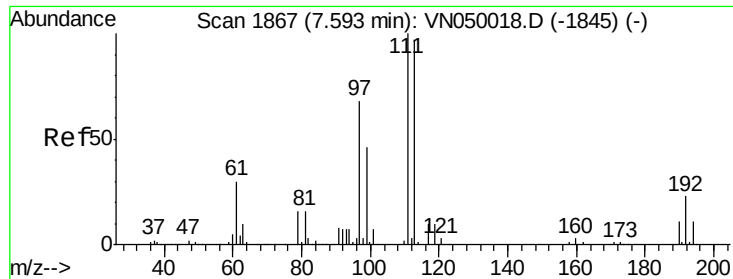
Tot Ion: 65 Resp: 439036
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

Tgt Ion: 114 Resp: 1022664
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.0 0.0 31.2

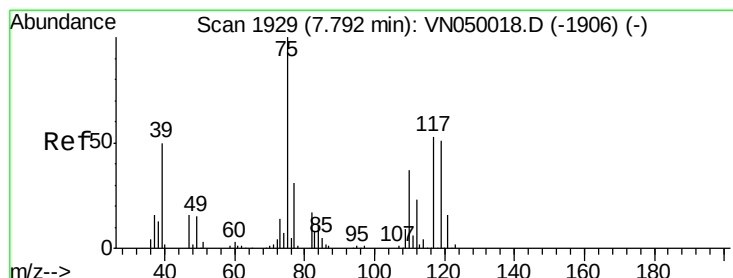
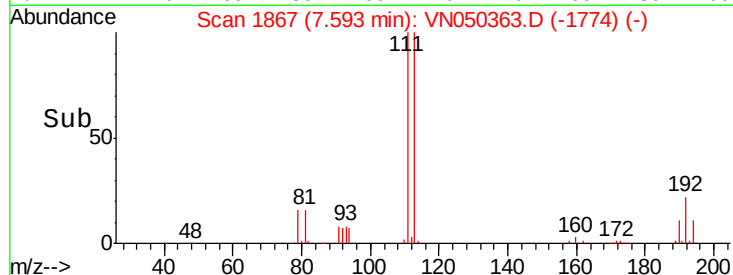
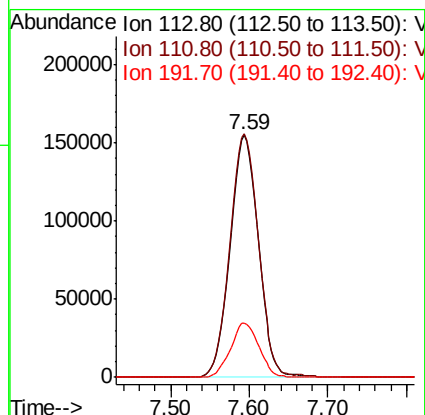
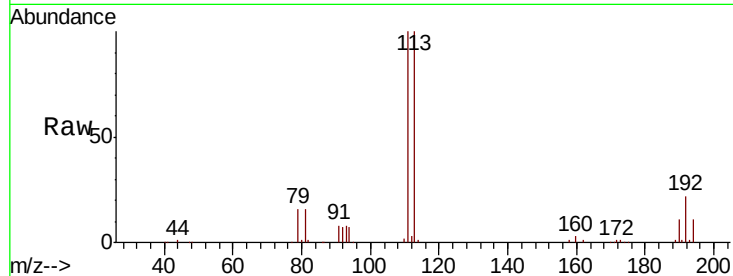




#35
 Dibromofluoromethane
 Concen: 46.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

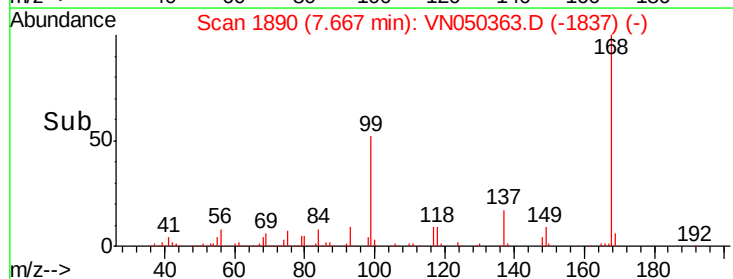
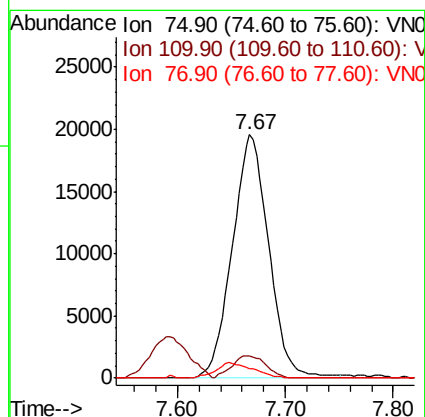
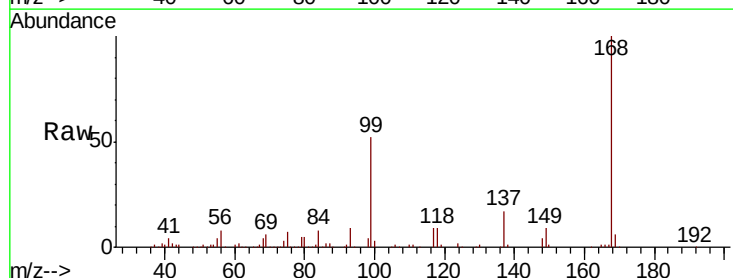
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

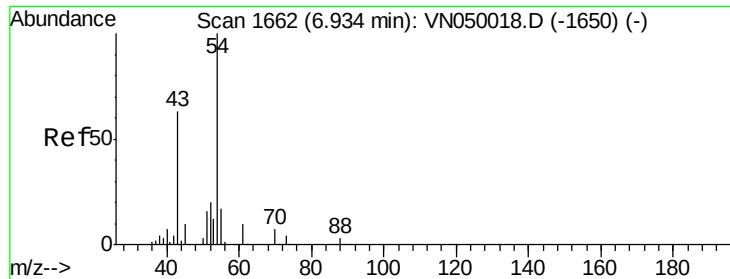
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.7	121.1
192	22.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 4.00 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.2#
77	6.4	25.3	37.9#

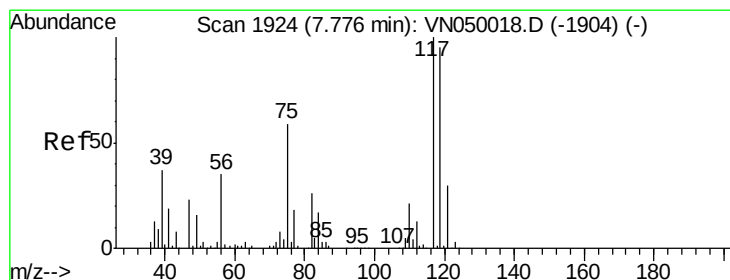
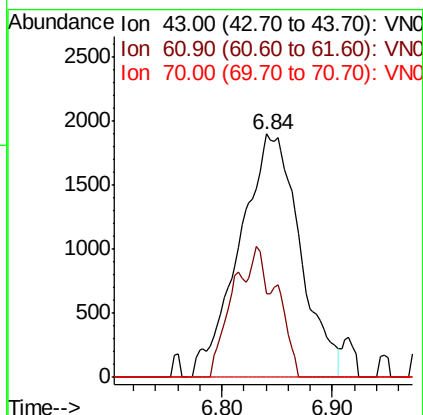
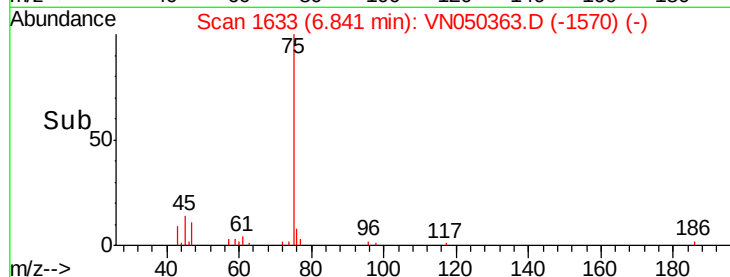
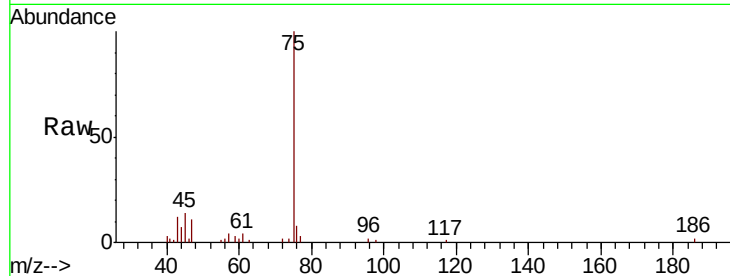




#37
Ethyl Acetate
Concen: 0.90 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.10 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

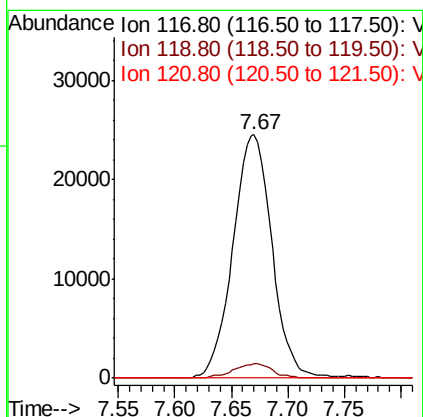
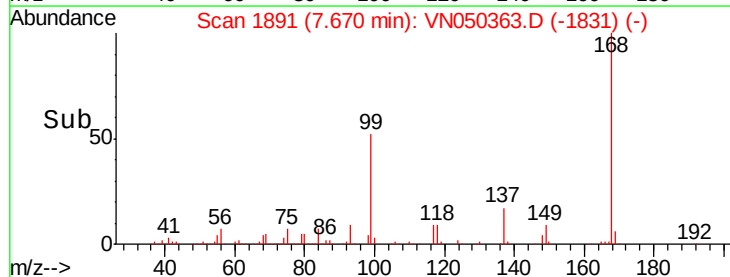
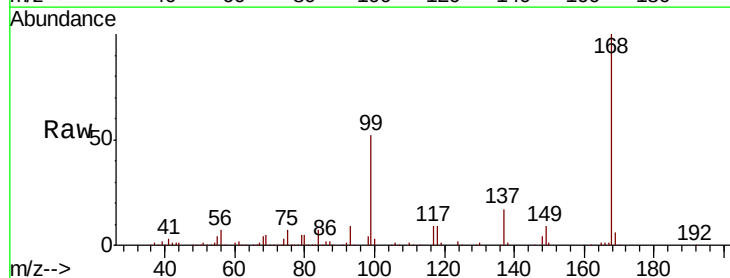
Instrument :
MSVOA_N
ClientSampled :
MW-24

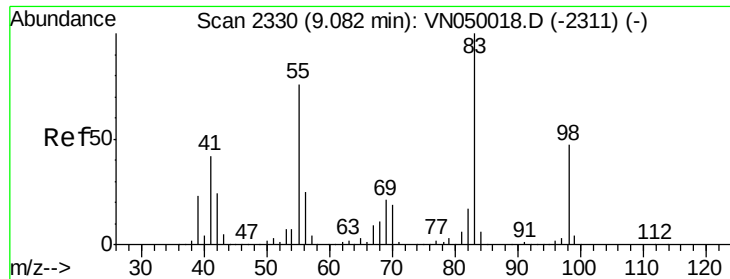
Tot Ion: 43 Resp: 7240
Ion Ratio Lower Upper
43 100
61 4.6 11.8 17.8#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion: 117 Resp: 58724
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 23.9 35.9#

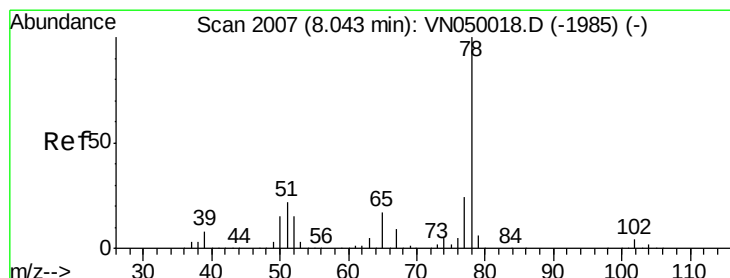
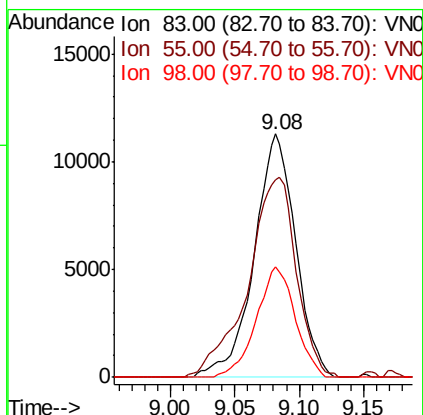
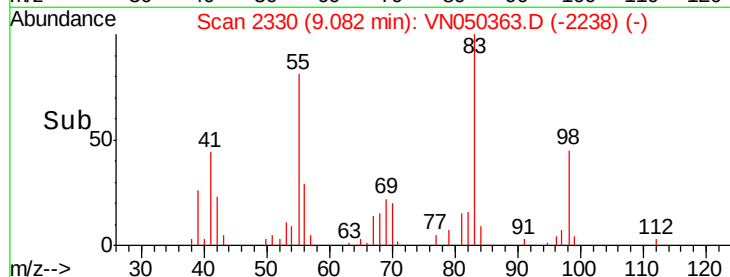
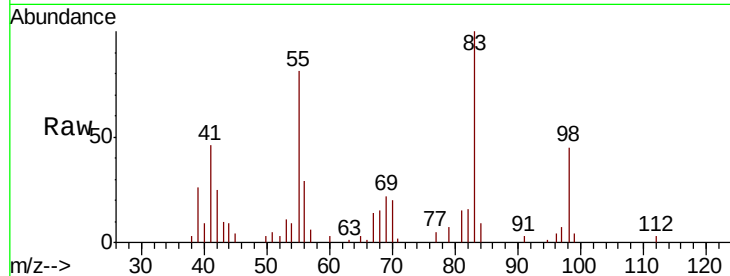




#39
Methylvlcyclohexane
Concen: 2.13 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

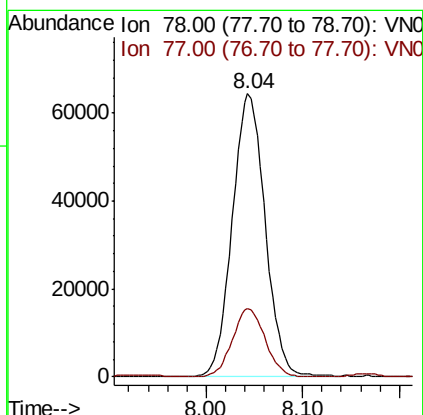
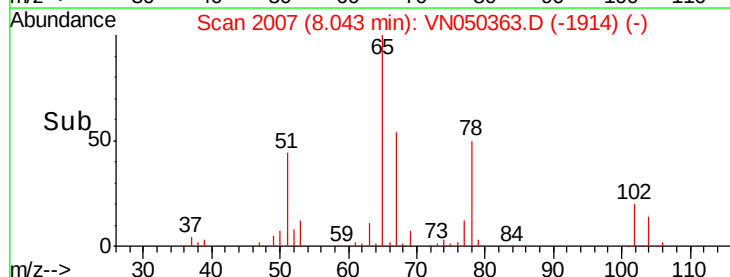
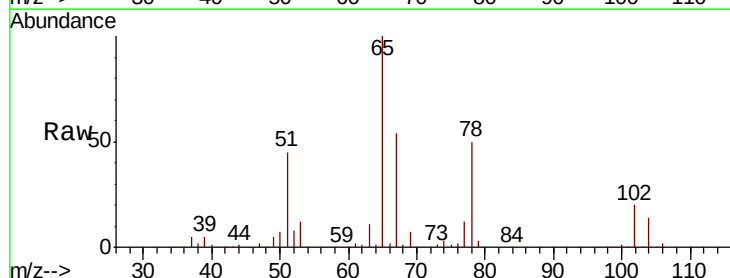
Instrument :
MSVOA_N
ClientSampled :
MW-24

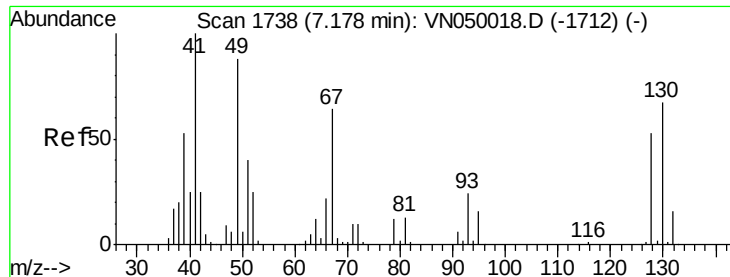
Tot Ion: 83 Resp: 25289
Ion Ratio Lower Upper
83 100
55 81.0 61.8 92.8
98 45.3 36.5 54.7



#40
Benzene
Concen: 4.34 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion: 78 Resp: 152174
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

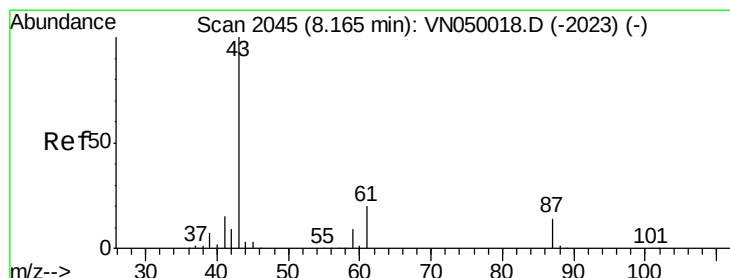
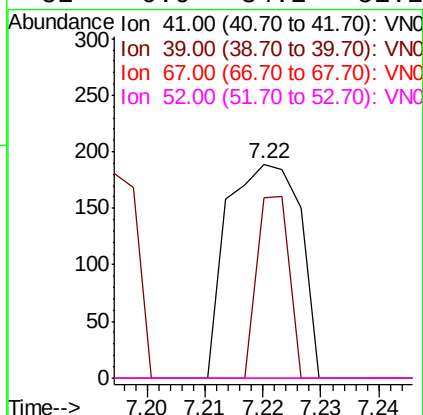
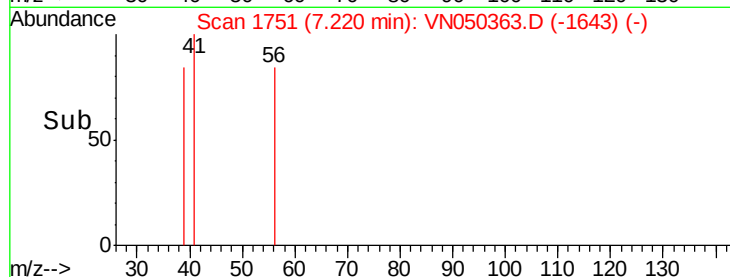
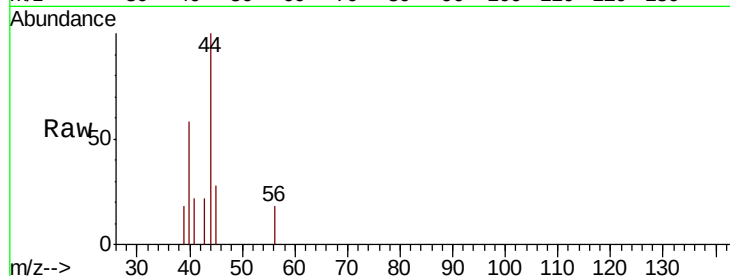




#41
Methacrylonitrile
Concen: 2.79 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.05 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

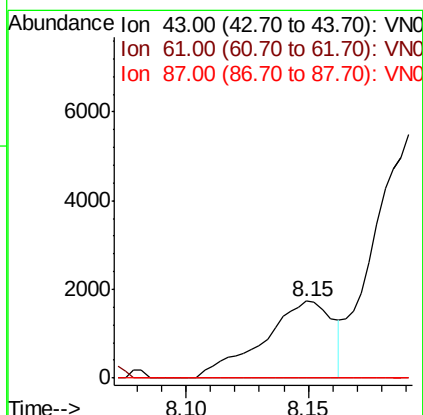
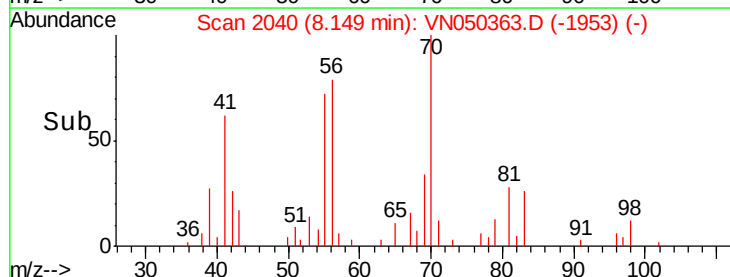
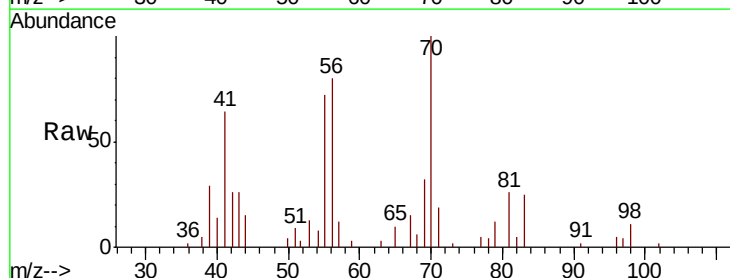
Instrument :
MSVOA_N
ClientSampled :
MW-24

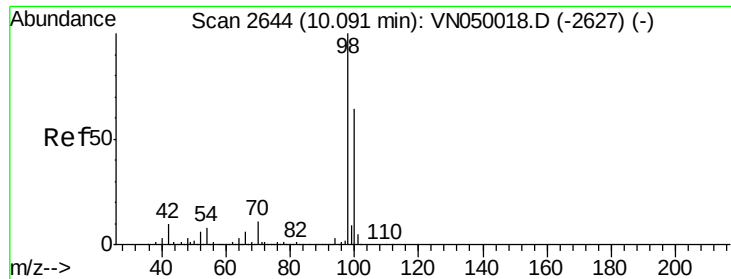
Tot Ion: 41 Resp: 164
Ion Ratio Lower Upper
41 100
39 37.8 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.15 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion: 43 Resp: 3445
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 10.3 15.5#

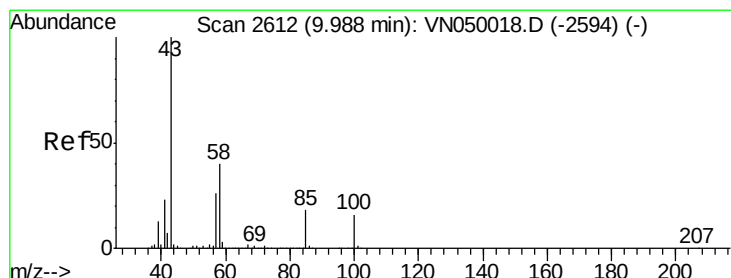
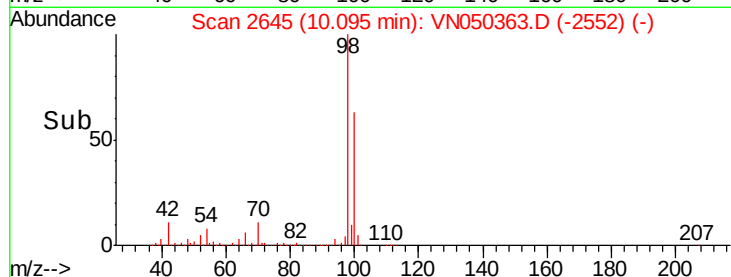
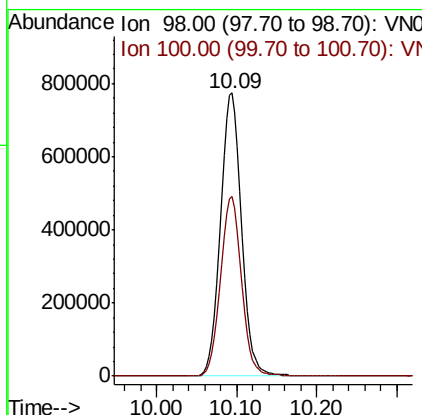
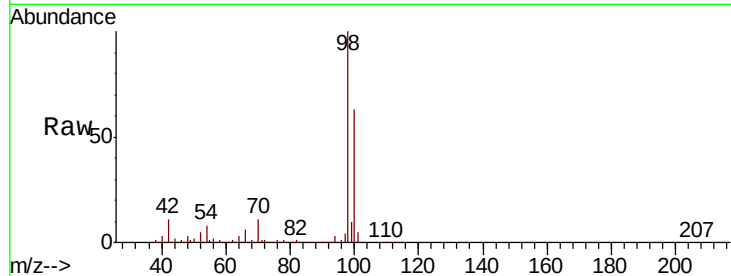




#50
Toluene-d8
Concen: 46.24 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

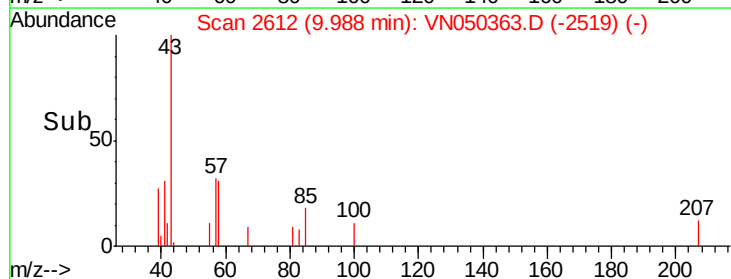
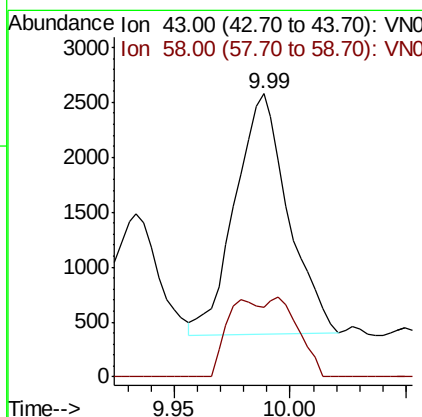
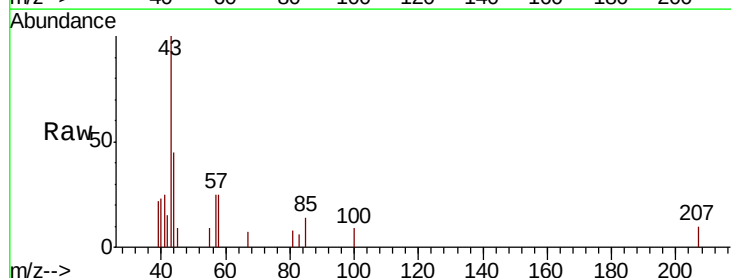
Instrument :
MSVOA_N
ClientSampled :
MW-24

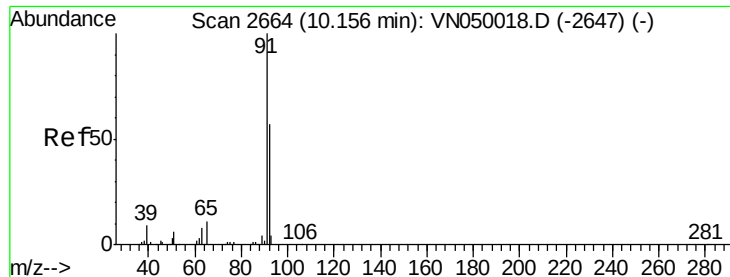
Tot Ion: 98 Resp: 1419308
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion: 43 Resp: 3479
Ion Ratio Lower Upper
43 100
58 22.4 31.9 47.9#





#52

Toluene

Concen: 0.27 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampleId :

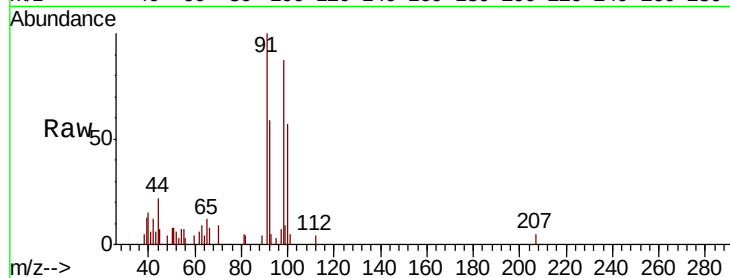
MW-24

Tot Ion: 92 Resp: 5655

Ion Ratio Lower Upper

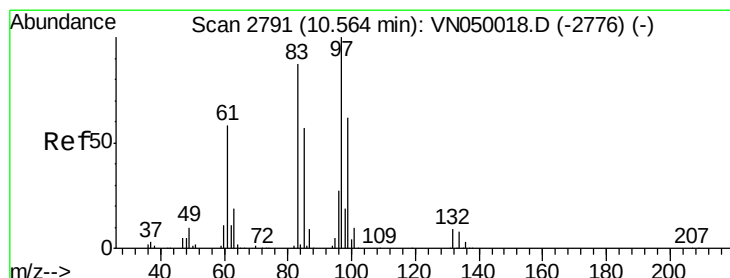
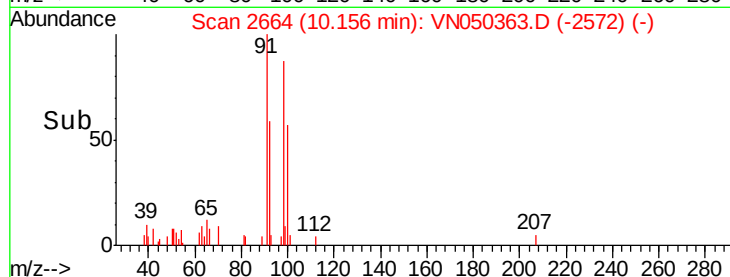
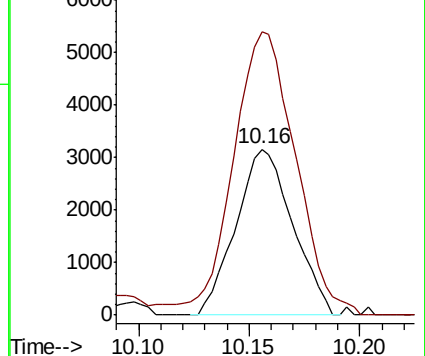
92 100

91 186.9 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#55

1,1,2-Trichloroethane

Concen: 1.11 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Tgt Ion: 97 Resp: 9131

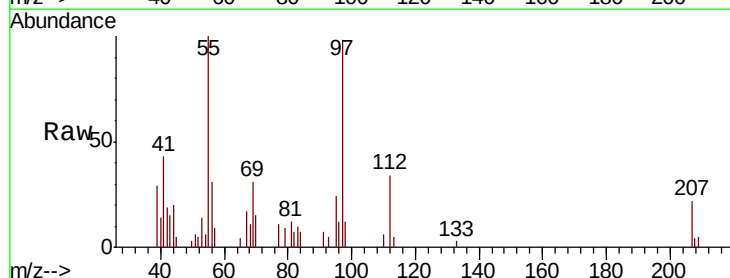
Ion Ratio Lower Upper

97 100

83 10.5 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#

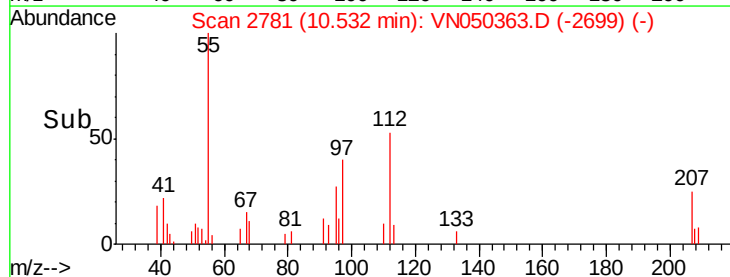
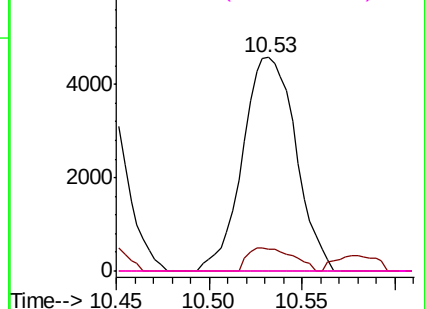


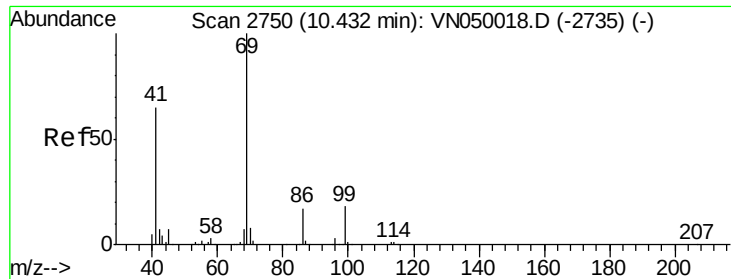
Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 2.40 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

MW-24

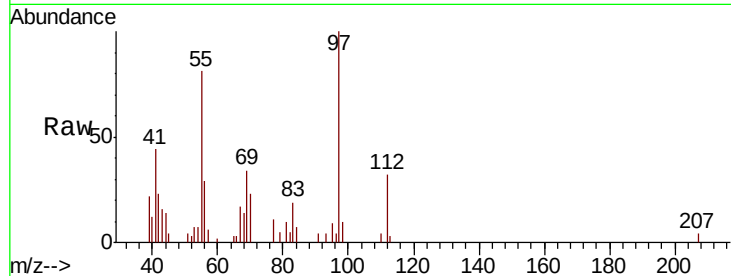
Tot Ion: 69 Resp: 4301

Ion Ratio Lower Upper

69 100

41 156.6 51.0 76.4#

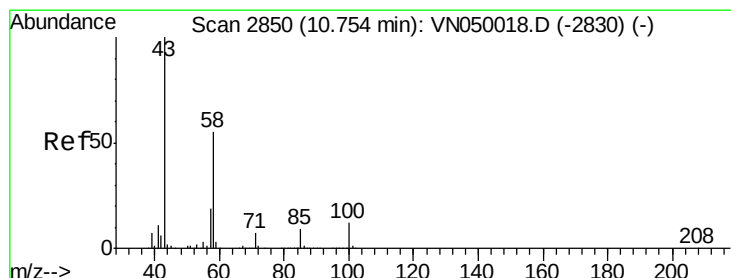
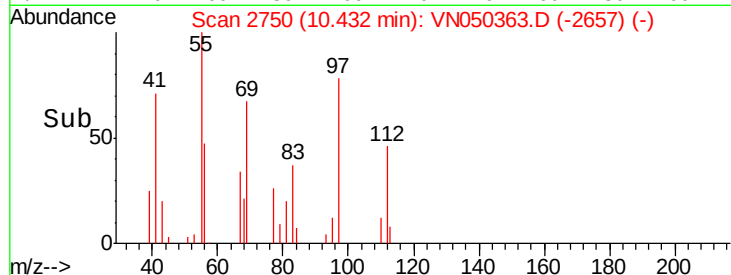
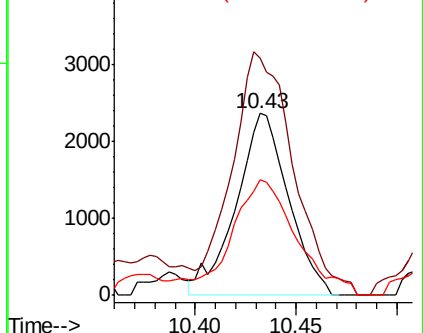
39 76.5 26.6 40.0#



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: 5.79 ug/l

RT: 10.61 min Scan# 2806

Delta R.T. -0.14 min

Lab File: VN050363.D

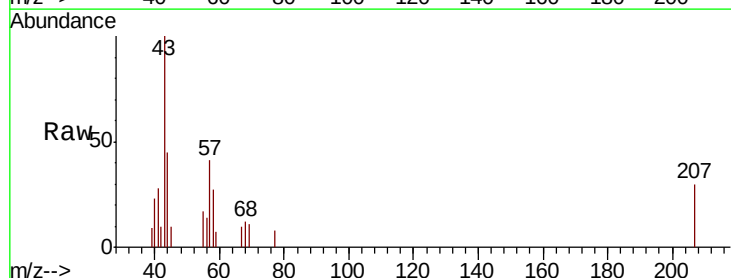
Acq: 4 Aug 2018 13:42

Tgt Ion: 43 Resp: 3654

Ion Ratio Lower Upper

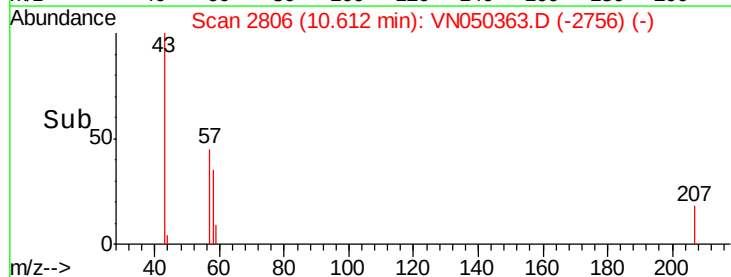
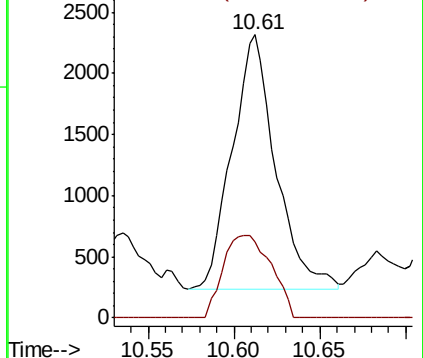
43 100

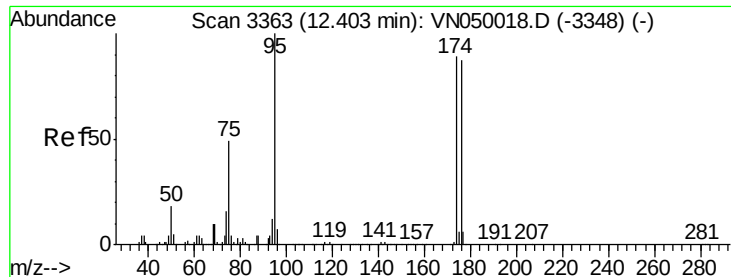
58 35.8 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

MW-24

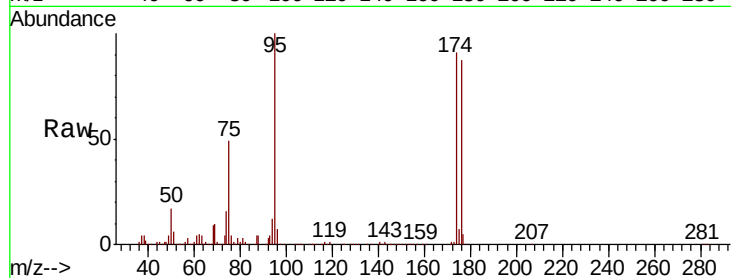
Tot Ion: 95 Resp: 449989

Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

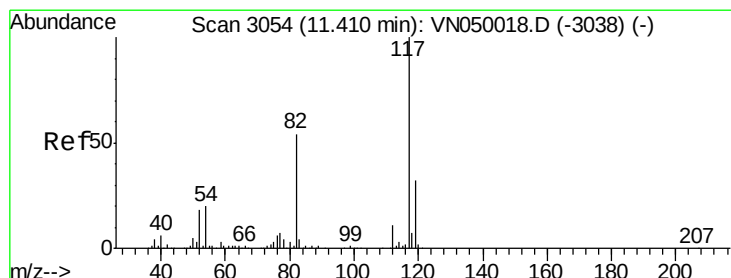
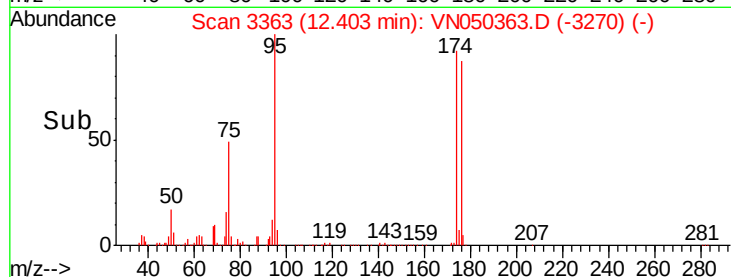
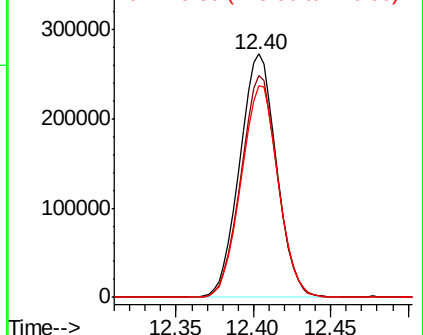
176 88.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

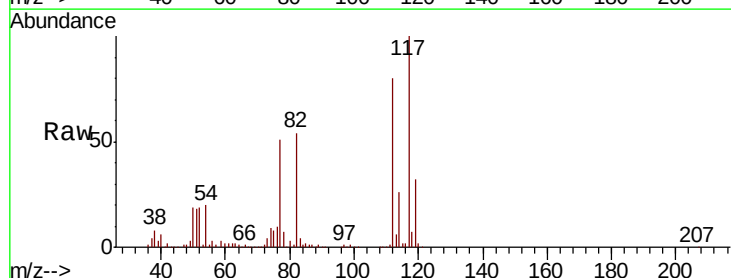
Tgt Ion: 117 Resp: 918063

Ion Ratio Lower Upper

117 100

82 53.9 43.7 65.5

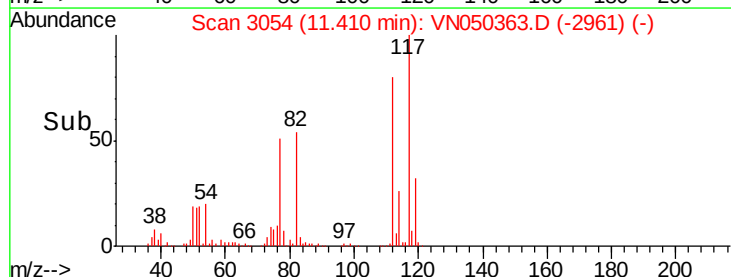
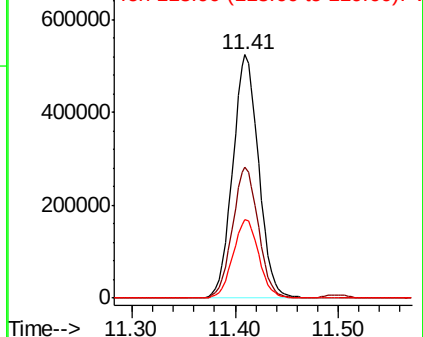
119 32.4 26.1 39.1

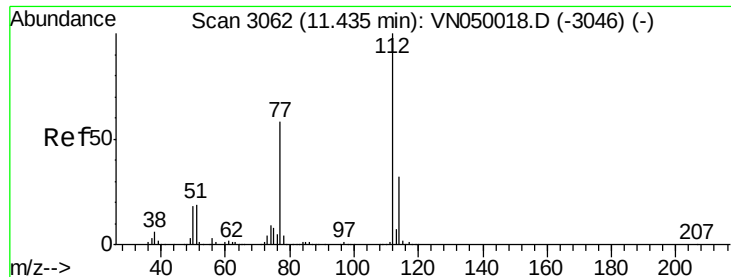


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

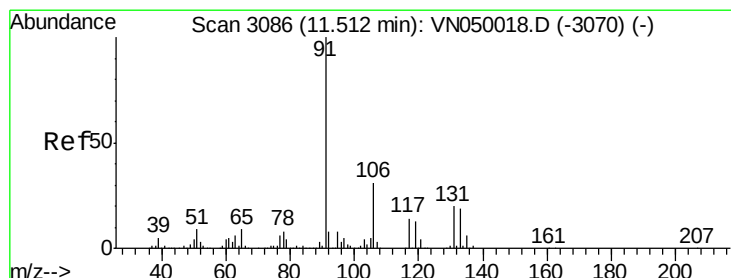
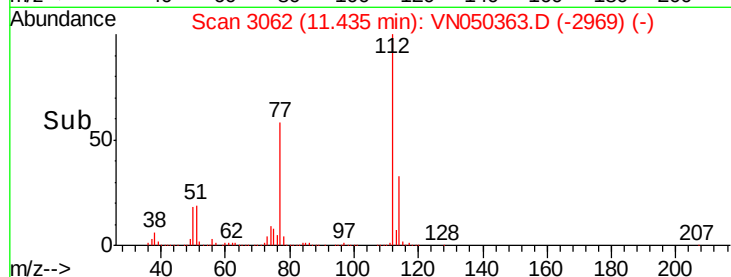
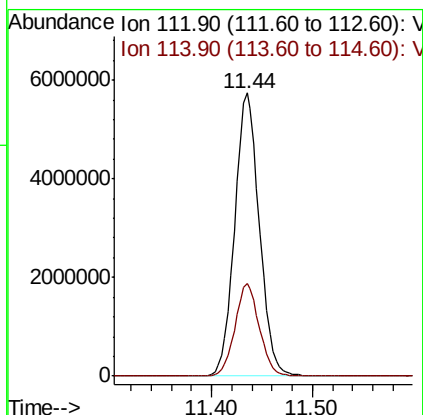
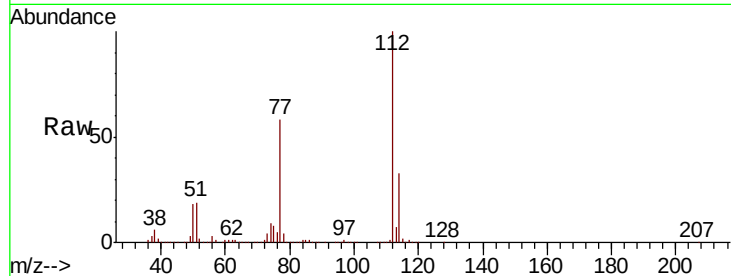




#65
Chlorobenzene
Concen: 419.24 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

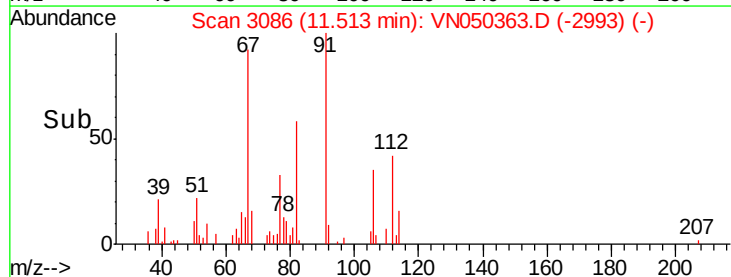
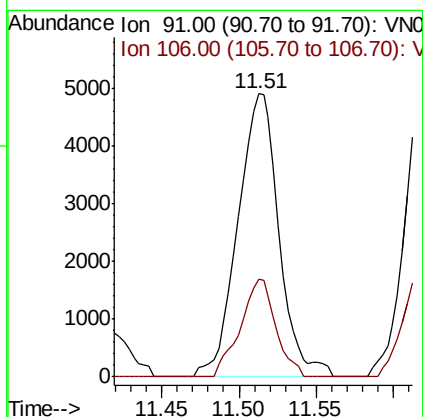
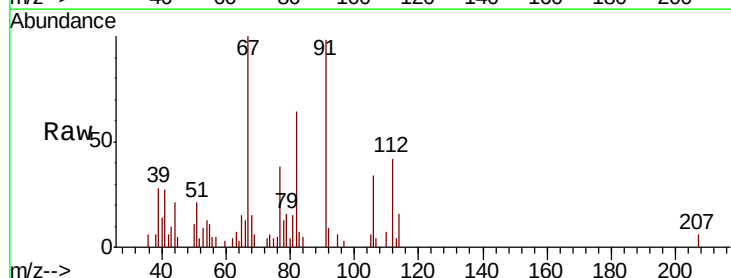
Instrument :
MSVOA_N
ClientSampled :
MW-24

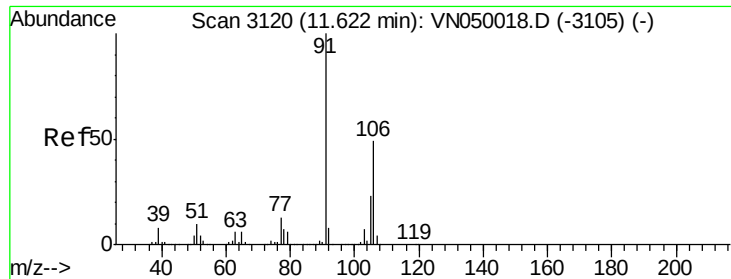
Tot Ion:112 Resp: 9722181
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion: 91 Resp: 9072
Ion Ratio Lower Upper
91 100
106 34.7 25.0 37.4

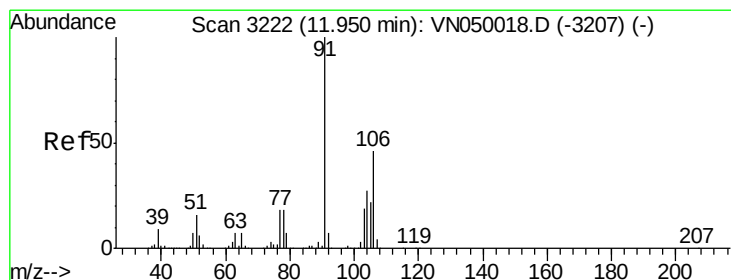
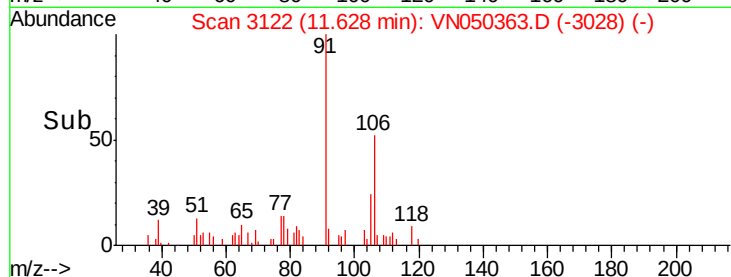
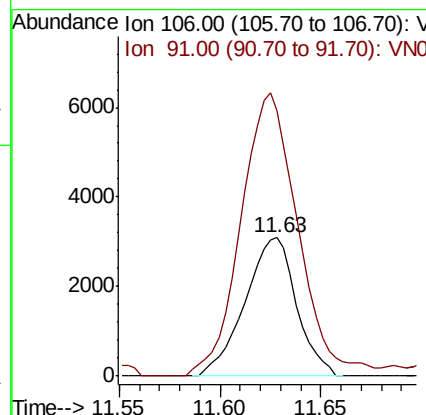
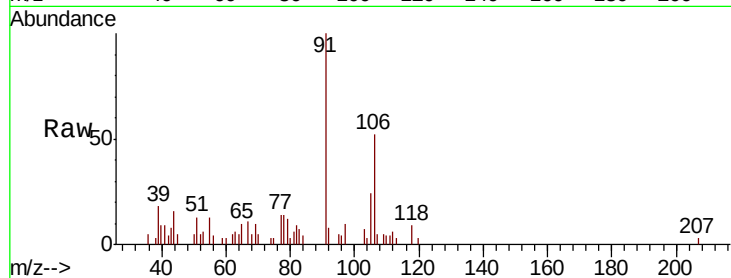




#68
m/p-Xylenes
Concen: 0.39 ug/l
RT: 11.63 min Scan# 3122
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

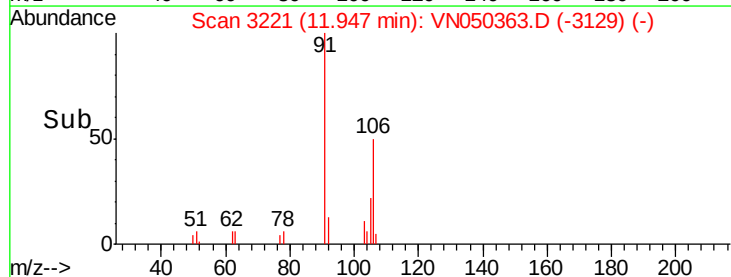
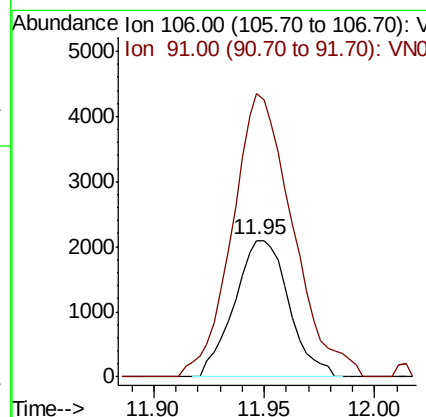
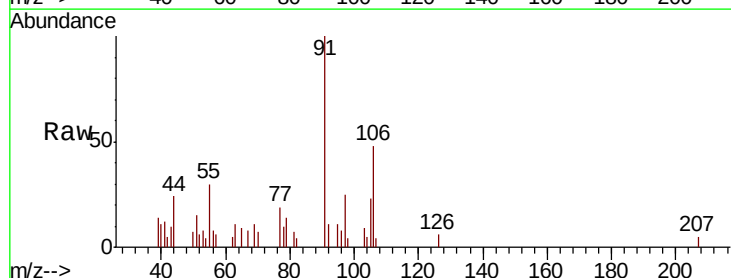
Instrument :
MSVOA_N
ClientSampled :
MW-24

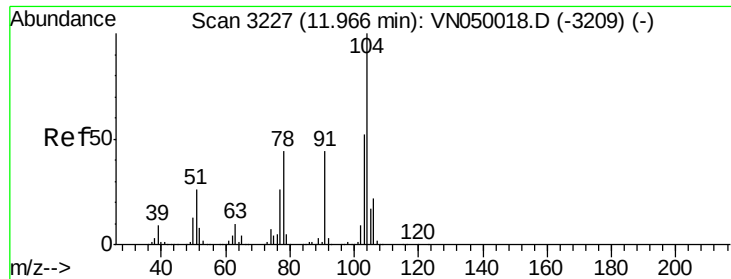
Tot Ion:106 Resp: 5499
Ion Ratio Lower Upper
106 100
91 228.2 162.2 243.2



#69
o-Xylene
Concen: 0.27 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion:106 Resp: 3579
Ion Ratio Lower Upper
106 100
91 230.5 107.7 323.1





#70

Stvrene

Concen: 0.93 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

MW-24

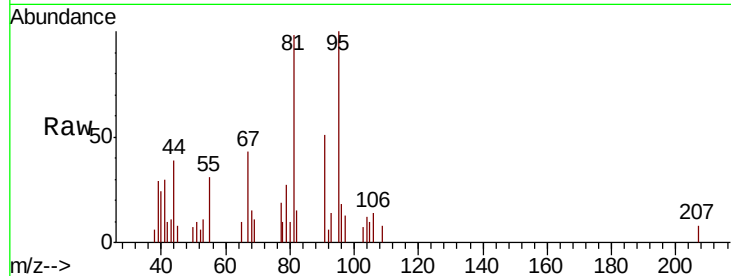
Tot Ion:104 Resp: 201

Ion Ratio Lower Upper

104 100

78 0.0 39.3 58.9#

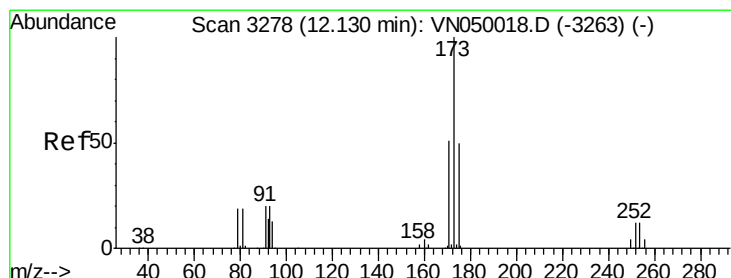
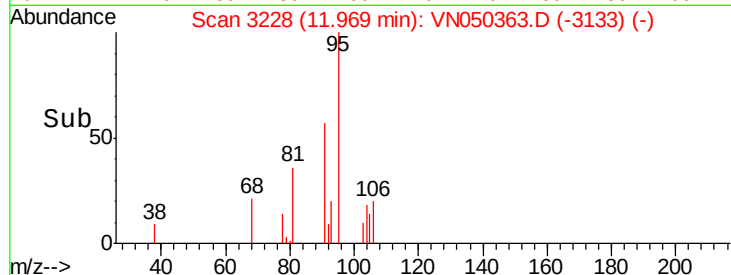
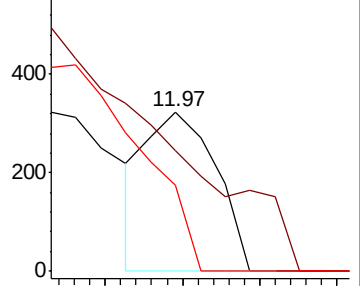
103 0.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.37 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

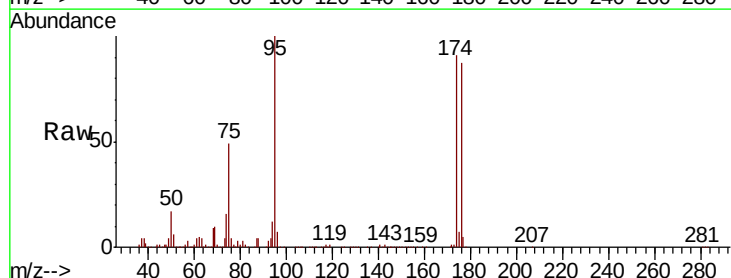
Tgt Ion:173 Resp: 2397

Ion Ratio Lower Upper

173 100

175 1100.9 24.1 72.2#

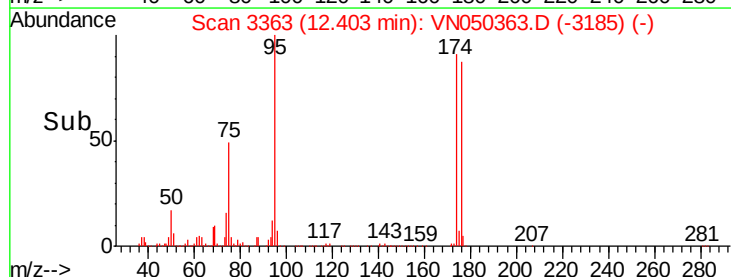
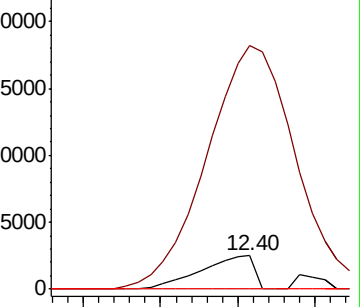
254 0.0 0.2 0.2#

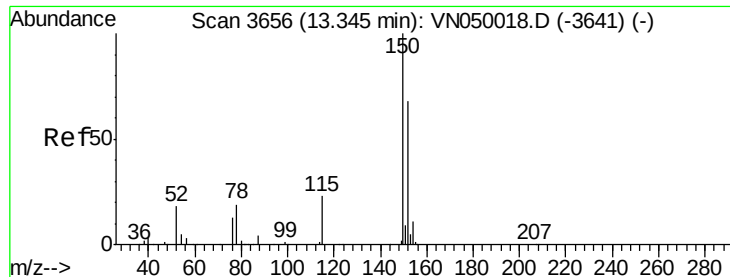


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

MW-24

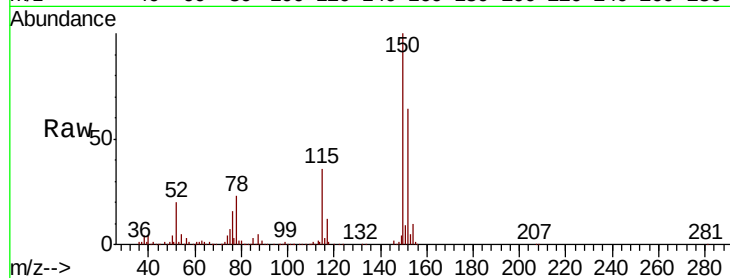
Tot Ion:152 Resp: 399059

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.3

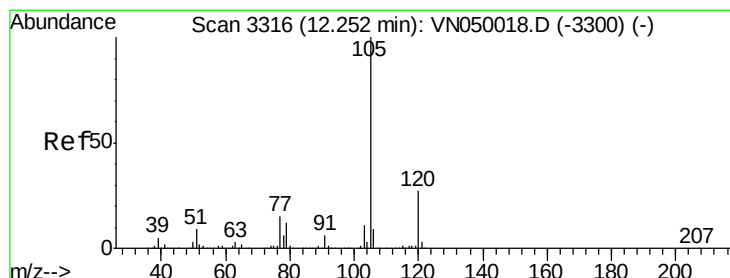
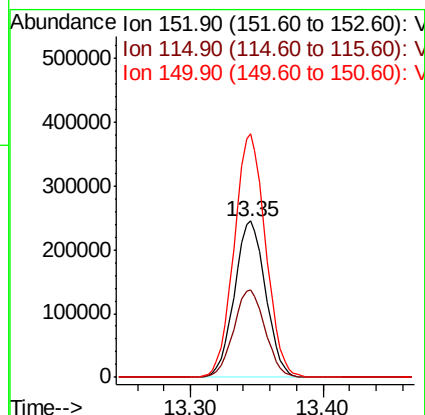
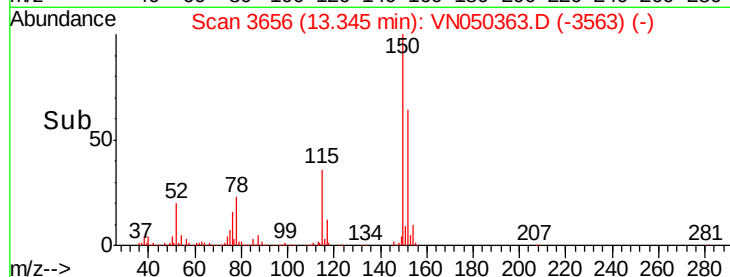
150 157.6 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.67 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050363.D

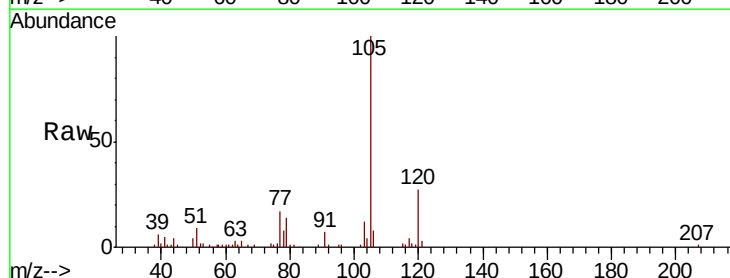
Acq: 4 Aug 2018 13:42

Tgt Ion:105 Resp: 51686

Ion Ratio Lower Upper

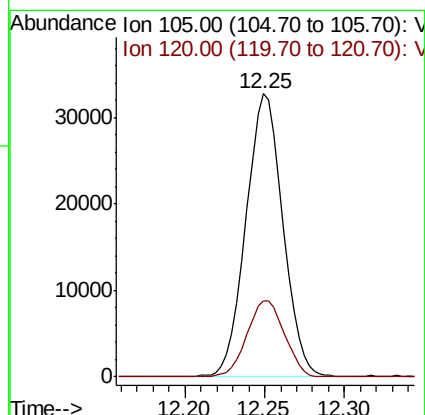
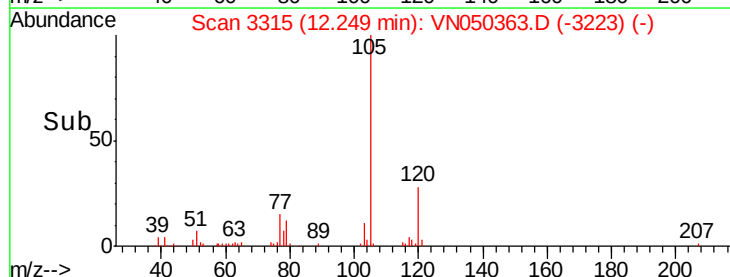
105 100

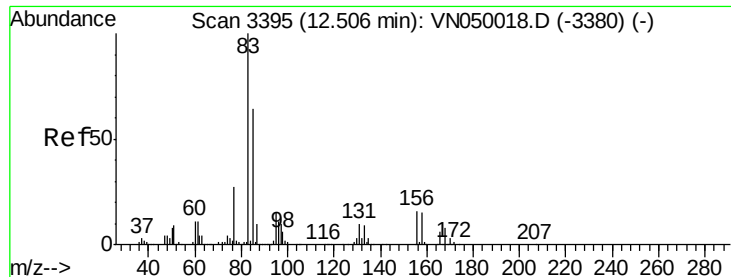
120 27.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampleId :

MW-24

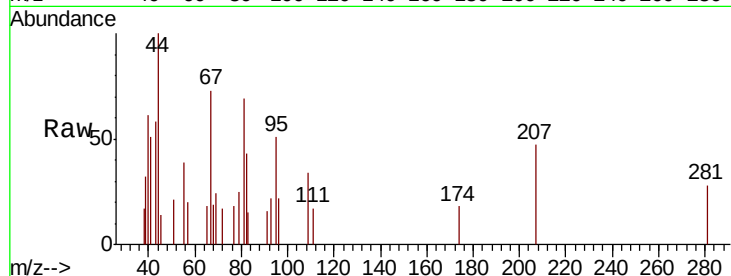
Tot Ion: 83 Resp: 32

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

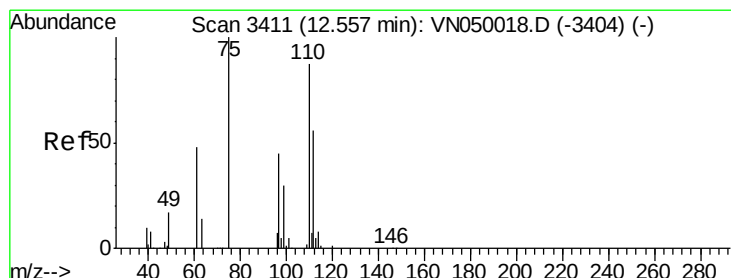
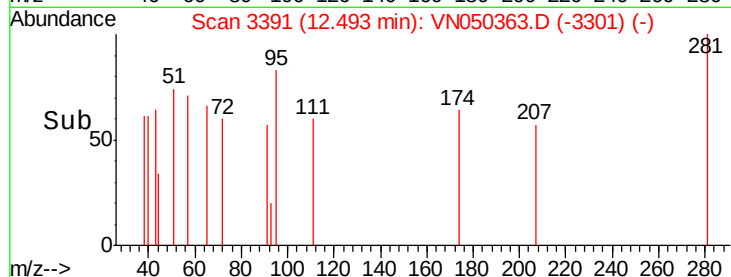
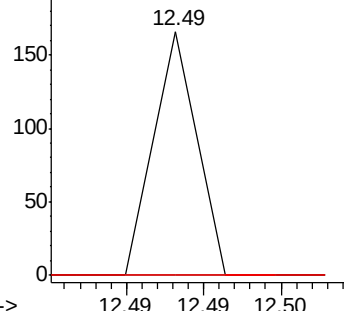
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050363.D

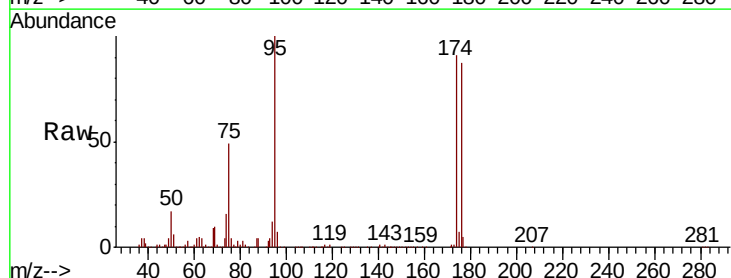
Acq: 4 Aug 2018 13:42

Tgt Ion: 75 Resp: 218394

Ion Ratio Lower Upper

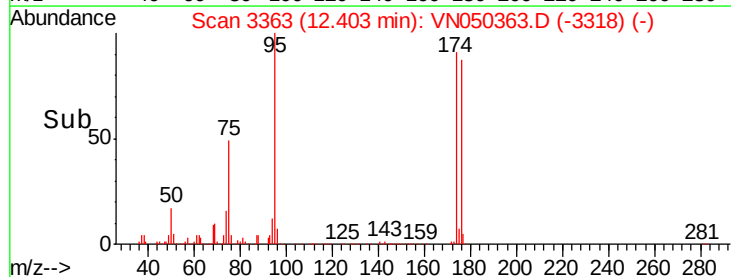
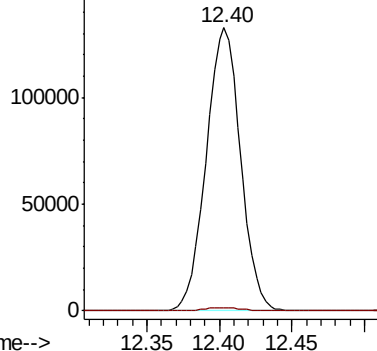
75 100

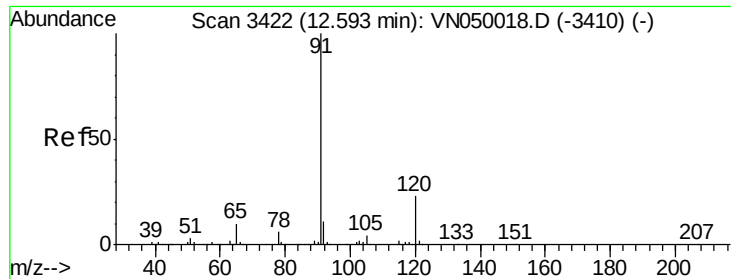
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

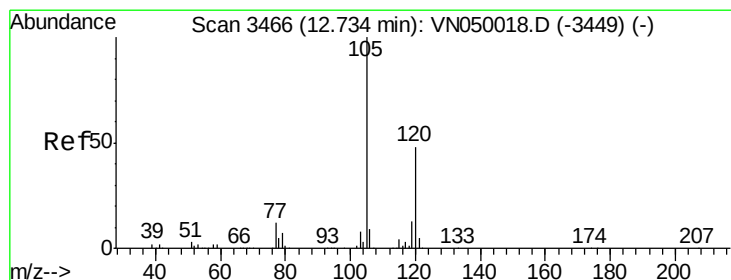
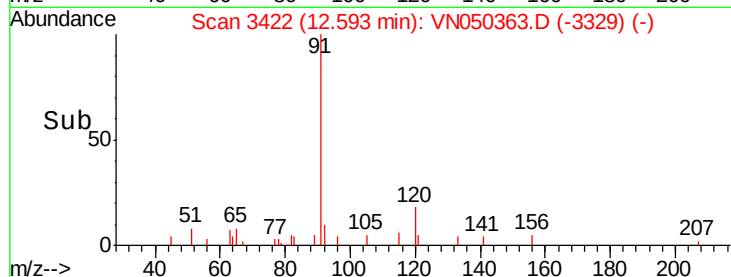
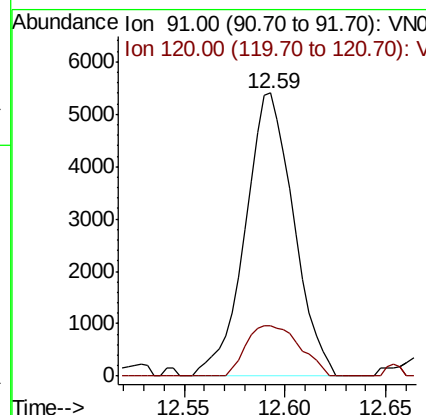
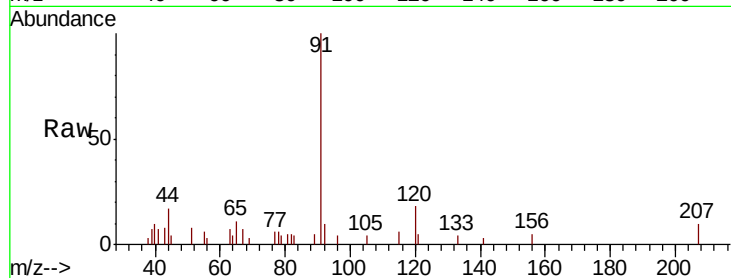




#78
n-propylbenzene
Concen: 0.26 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

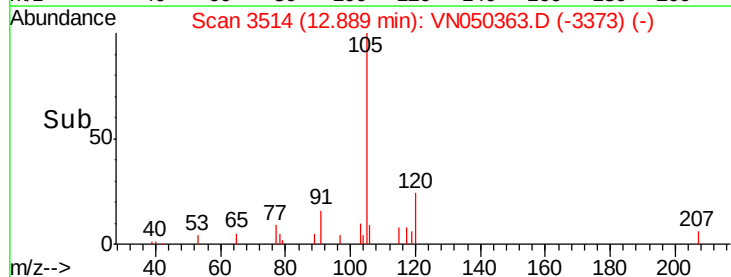
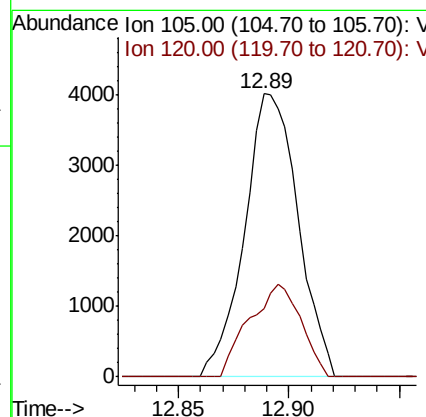
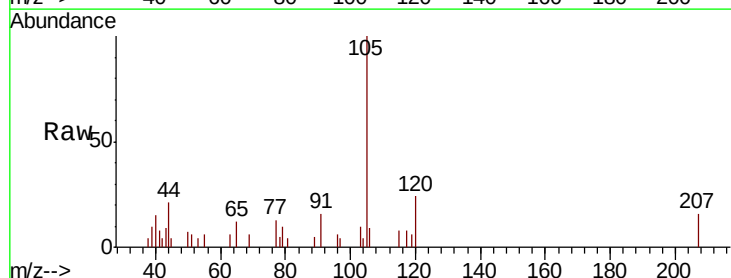
Instrument :
MSVOA_N
ClientSampled :
MW-24

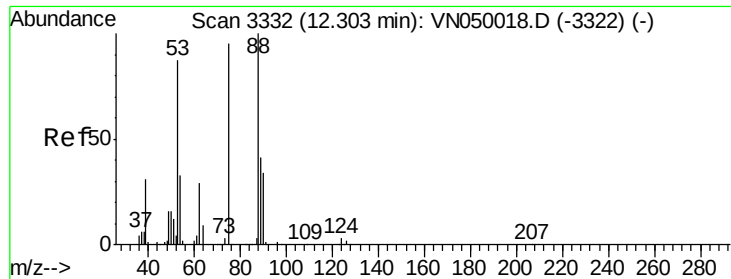
Tot Ion: 91 Resp: 9084
Ion Ratio Lower Upper
91 100
120 19.8 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 0.28 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. 0.15 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion:105 Resp: 6746
Ion Ratio Lower Upper
105 100
120 31.5 24.4 73.2

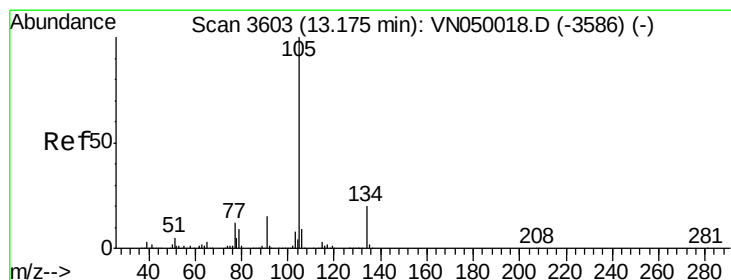
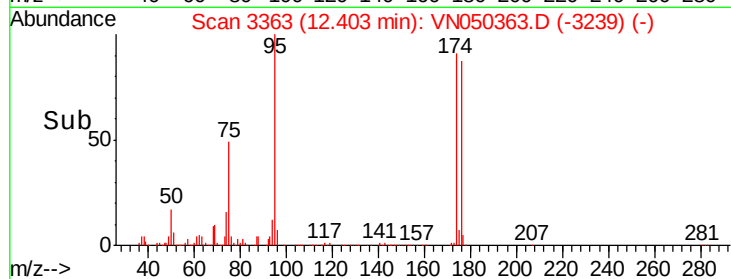
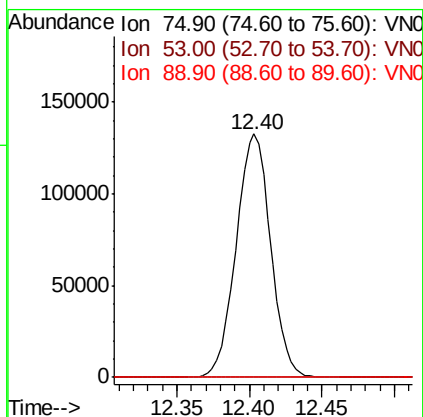
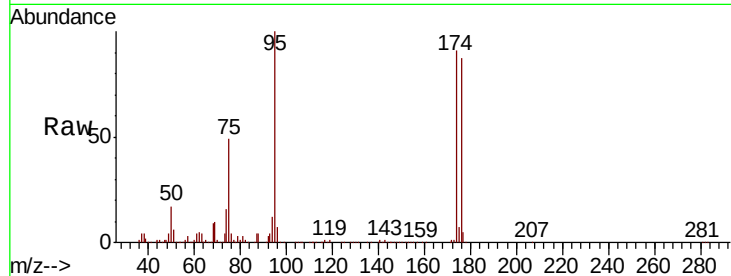




#81
trans-1,4-Dichloro-2-butene
Concen: 93.40 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

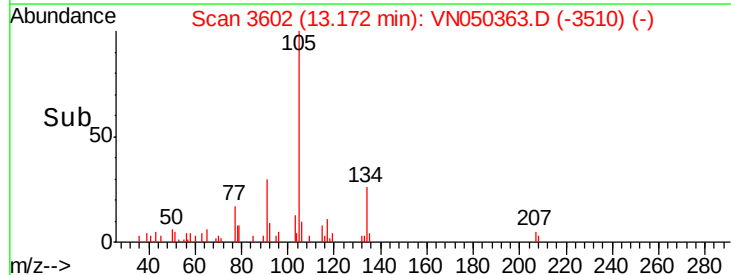
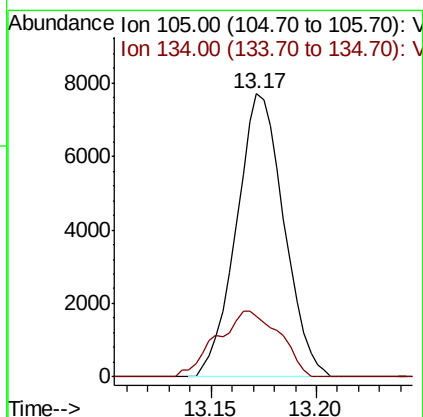
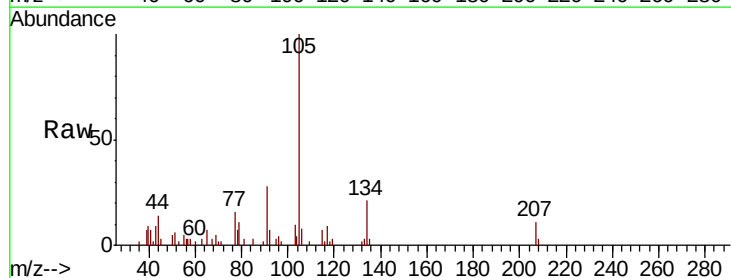
Instrument :
MSVOA_N
ClientSampleId :
MW-24

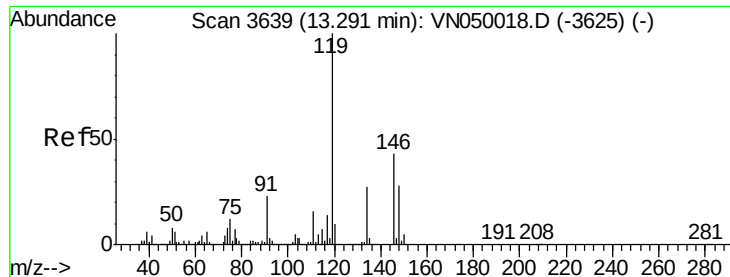
Tot Ion: 75 Resp: 218394
Ion Ratio Lower Upper
75 100
53 0.2 73.5 110.3#
89 0.0 36.0 54.0#



#85
sec-Butylbenzene
Concen: 0.42 ug/l
RT: 13.17 min Scan# 3602
Delta R.T. -0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

Tgt Ion: 105 Resp: 12063
Ion Ratio Lower Upper
105 100
134 30.7 10.1 30.1#

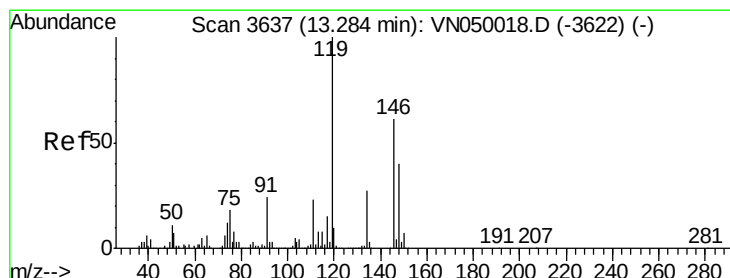
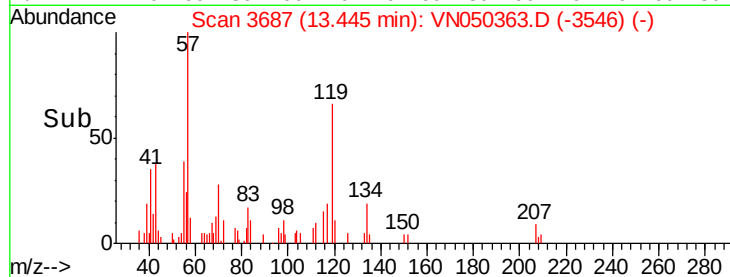
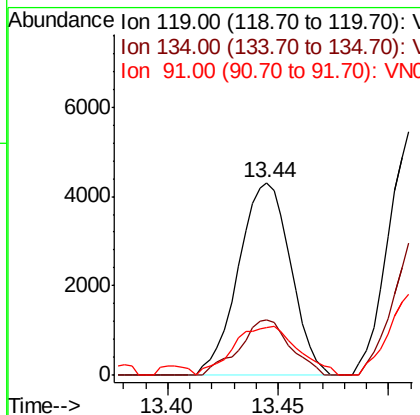
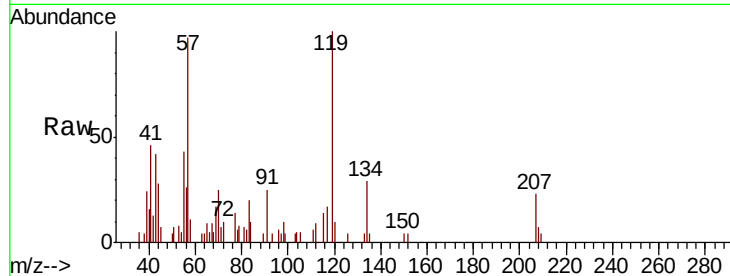




#86
 p-Isopropyltoluene
 Concen: 0.29 ug/l
 RT: 13.44 min Scan# 3687
 Delta R.T. 0.15 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

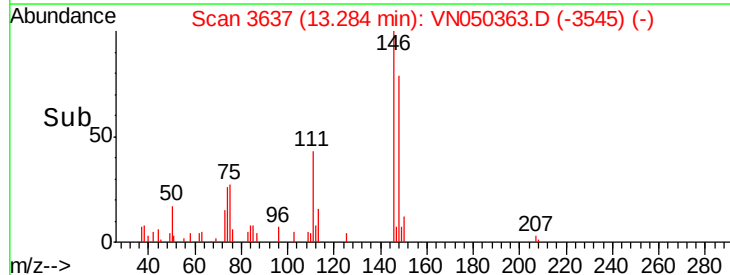
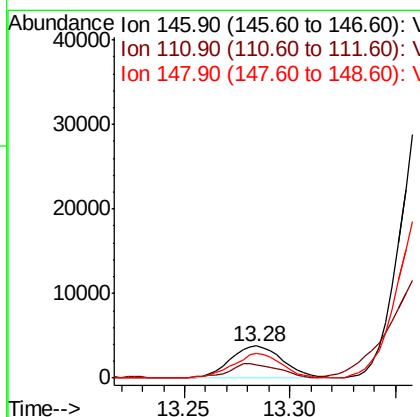
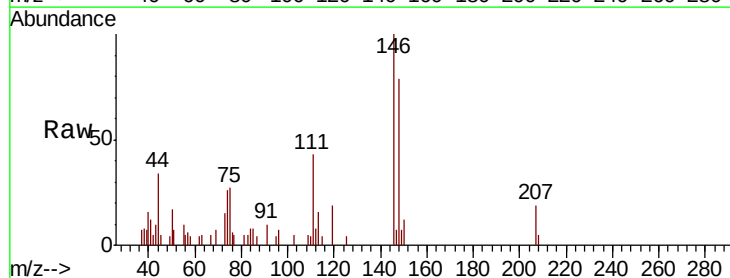
Instrument :
 MSVOA_N
 ClientSampled :
 MW-24

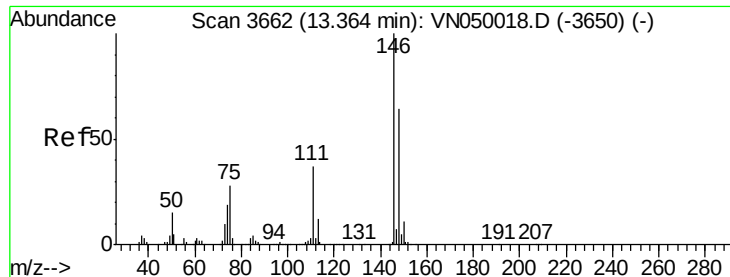
Tot Ion:119 Resp: 7035
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 31.5 11.4 34.2



#87
 1,3-Dichlorobenzene
 Concen: 0.45 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

Tgt Ion:146 Resp: 6612
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.8 56.4
 148 71.3 31.9 95.9





#88

1,4-Dichlorobenzene

Concen: 3.91 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

MW-24

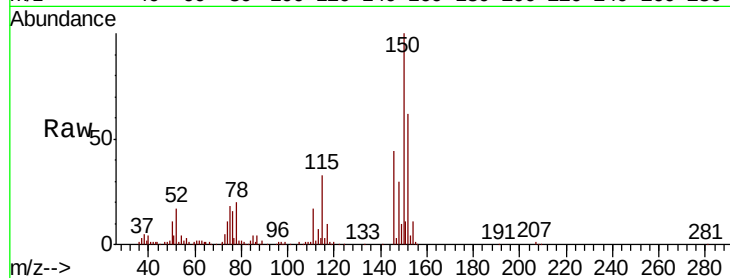
Tot Ion:146 Resp: 55468

Ion Ratio Lower Upper

146 100

111 44.9 18.3 54.9

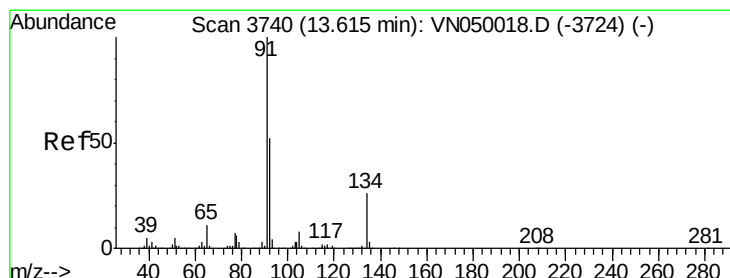
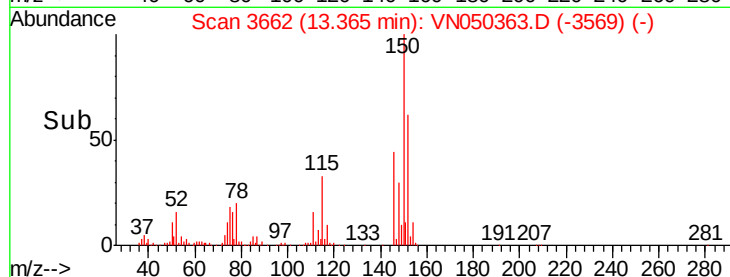
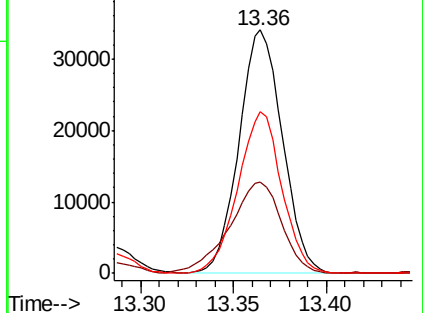
148 66.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.25 ug/l

RT: 13.61 min Scan# 3739

Delta R.T. -0.01 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

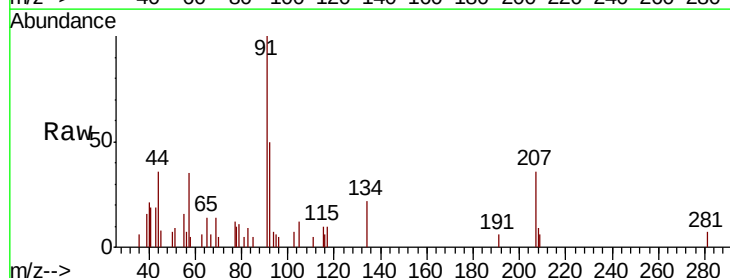
Tgt Ion: 91 Resp: 4952

Ion Ratio Lower Upper

91 100

92 47.7 25.8 77.4

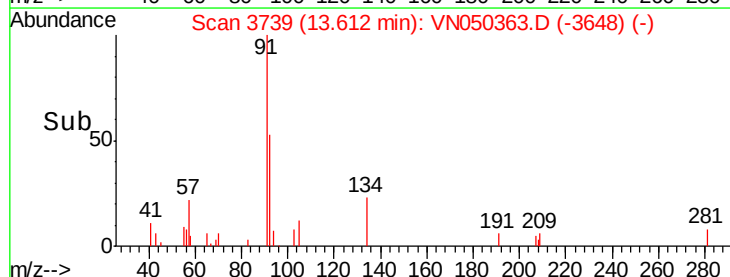
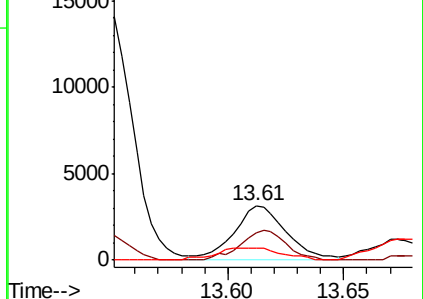
134 28.1 12.8 38.4

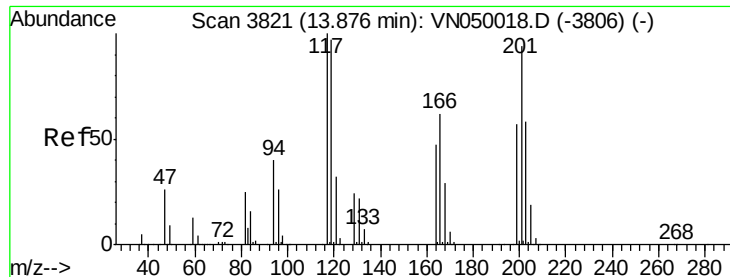


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.67 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

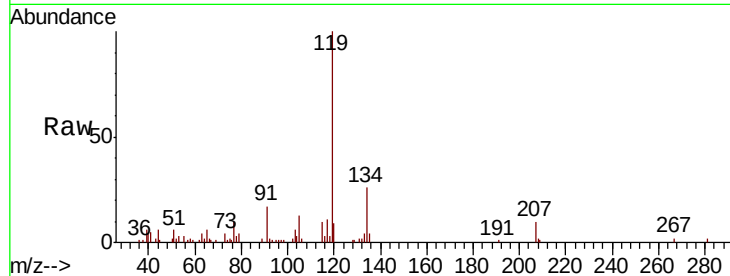
MW-24

Tot Ion:117 Resp: 3570

Ion Ratio Lower Upper

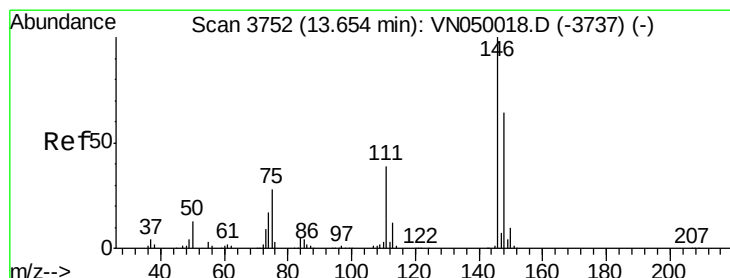
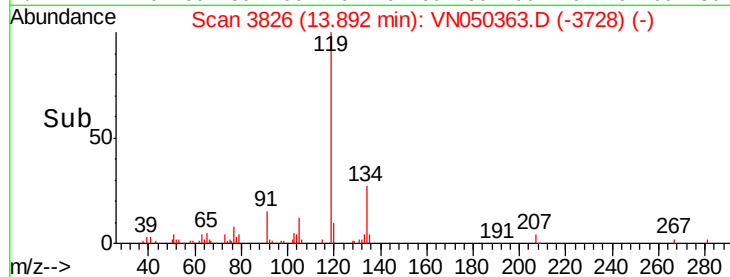
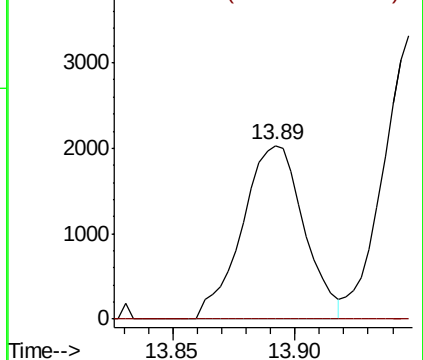
117 100

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



#91

1,2-Dichlorobenzene

Concen: 0.34 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

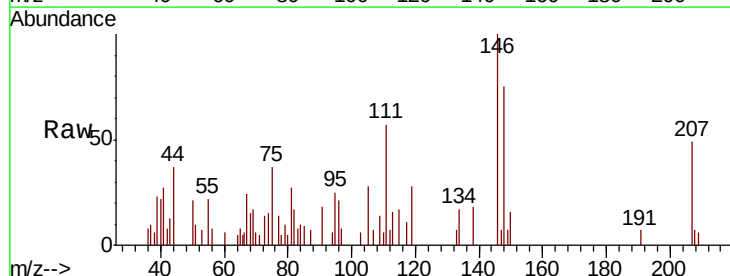
Tgt Ion:146 Resp: 4982

Ion Ratio Lower Upper

146 100

111 47.3 19.6 58.7

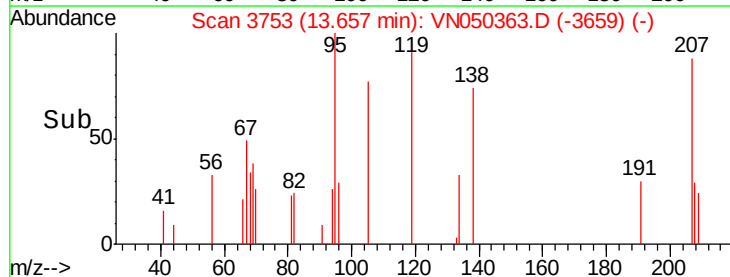
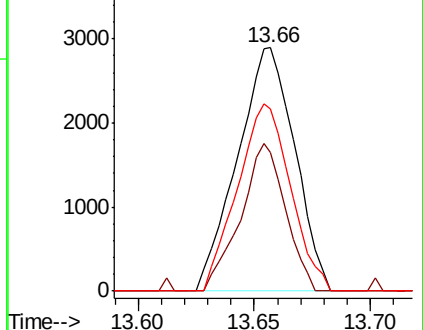
148 71.2 32.1 96.3

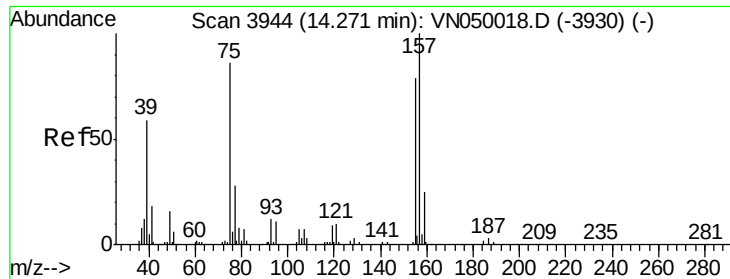


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3948

Delta R.T. 0.01 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampled :

MW-24

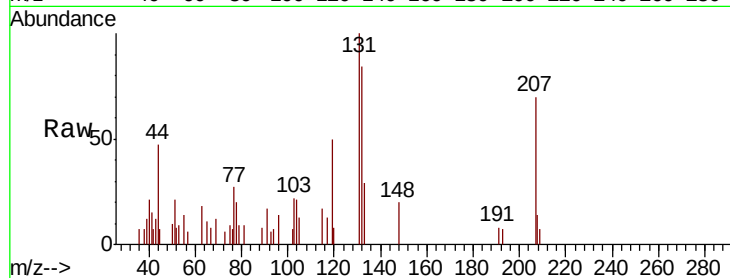
Tot Ion: 75 Resp: 308

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

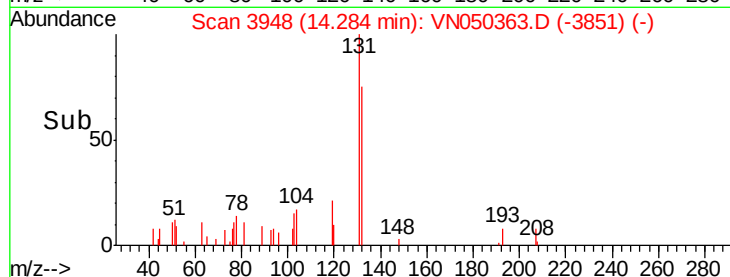


Abundance Ion 74.90 (74.60 to 75.60): VN0

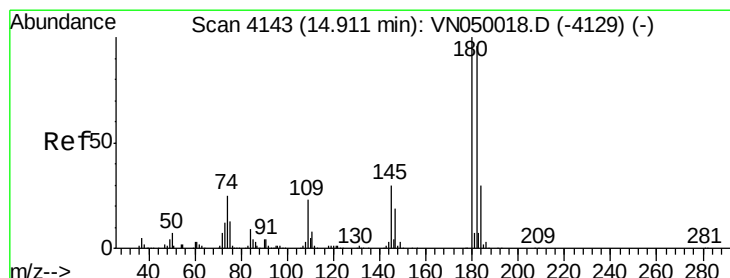
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.14 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

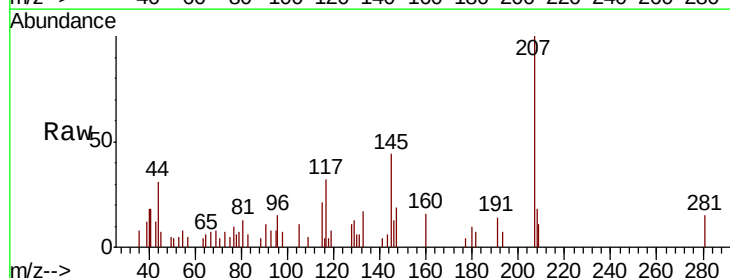
Tgt Ion: 180 Resp: 459

Ion Ratio Lower Upper

180 100

182 112.9 46.7 140.1

145 841.6 13.8 41.4#

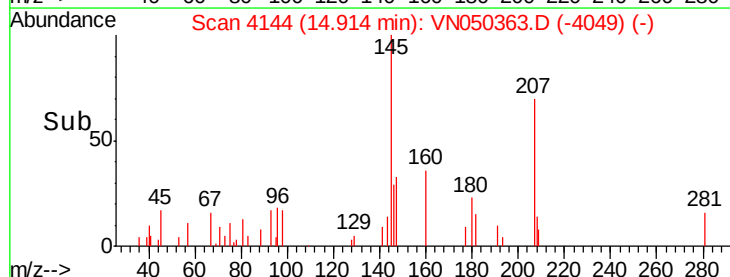


Abundance Ion 179.80 (179.50 to 180.50): V

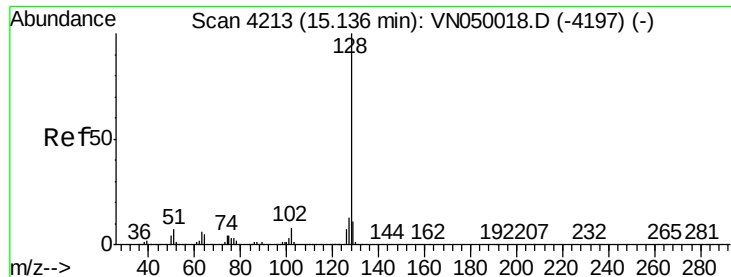
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

Time-->



Time-->



#95

Naphthalene

Concen: 4.56 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

Instrument :

MSVOA_N

ClientSampleId :

MW-24

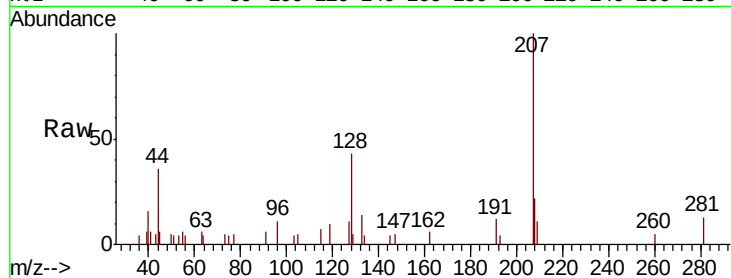
Tot Ion:128 Resp: 2924

Ion Ratio Lower Upper

128 100

127 24.0 10.4 15.6#

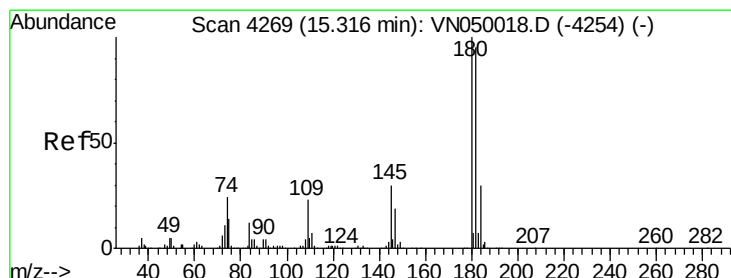
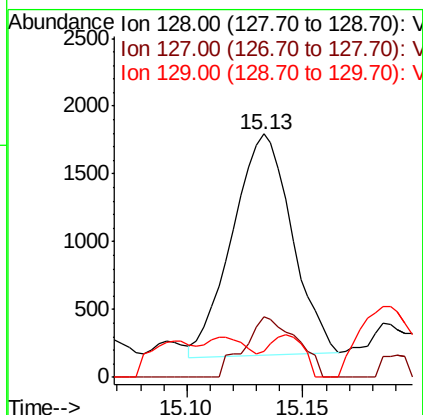
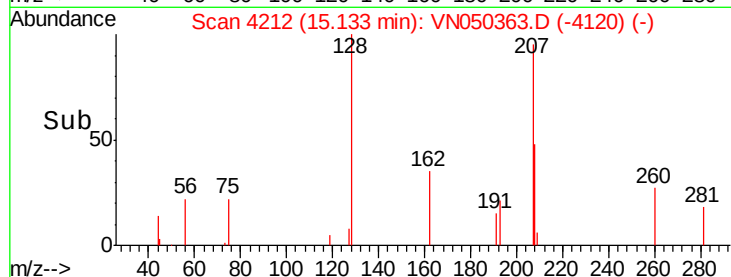
129 11.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.26 ug/l

RT: 15.31 min Scan# 4267

Delta R.T. -0.01 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

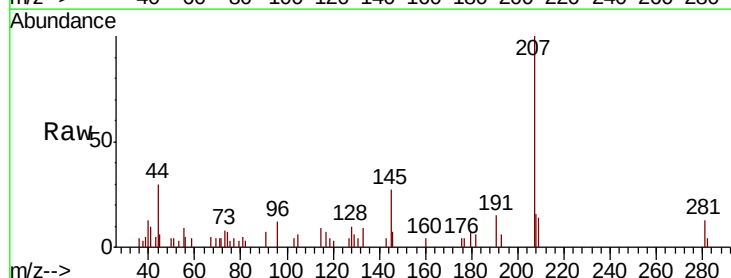
Tgt Ion:180 Resp: 446

Ion Ratio Lower Upper

180 100

182 97.5 48.1 144.4

145 1276.0 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

