

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 10 09:01:20 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	439036	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
35) Dibromofluoromethane	7.59	113	387257	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	10.09	98	1419308	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.40	95	449989	44.52	ug/l	0.00
Spiked Amount			Recovery	=	89.04%	

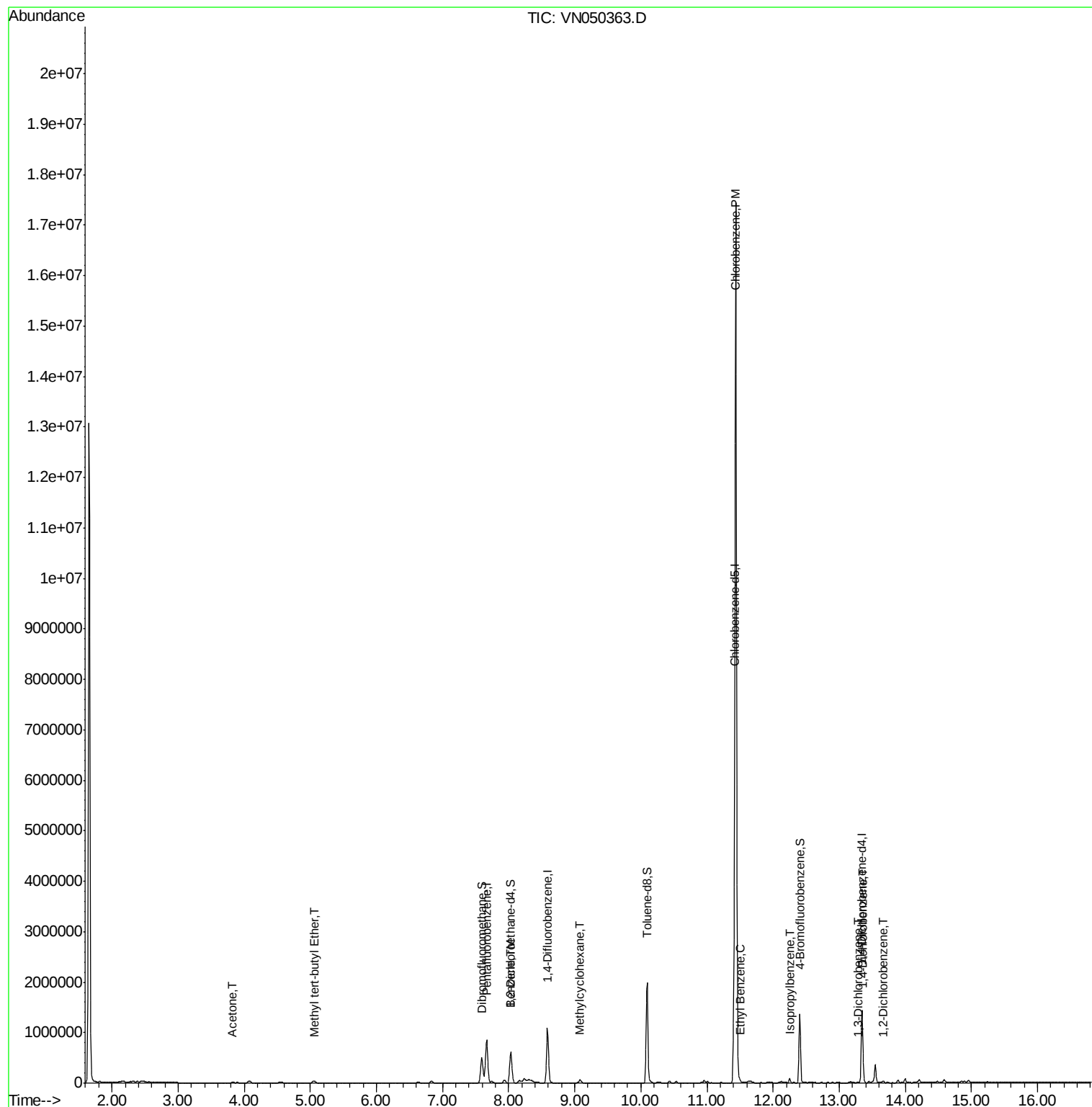
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	36096	12.72	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	15596	0.78	ug/l	# 1
39) Methylcyclohexane	9.08	83	25289	2.13	ug/l	97
40) Benzene	8.04	78	152174	4.34	ug/l	99
65) Chlorobenzene	11.44	112	9722181	419.24	ug/l	99
67) Ethyl Benzene	11.51	91	9072	0.24	ug/l	94
73) Isopropylbenzene	12.25	105	51686	1.67	ug/l	99
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
91) 1,2-Dichlorobenzene	13.66	146	4982	0.34	ug/l	89

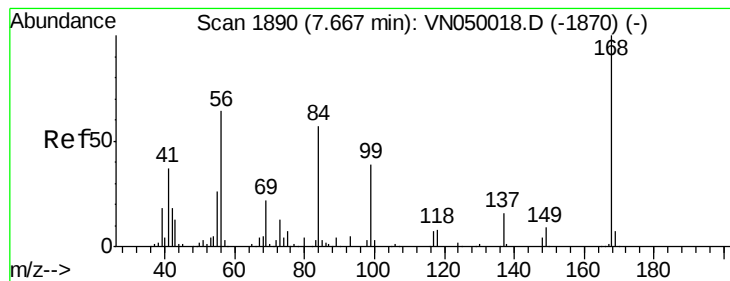
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 10 09:01:20 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 :

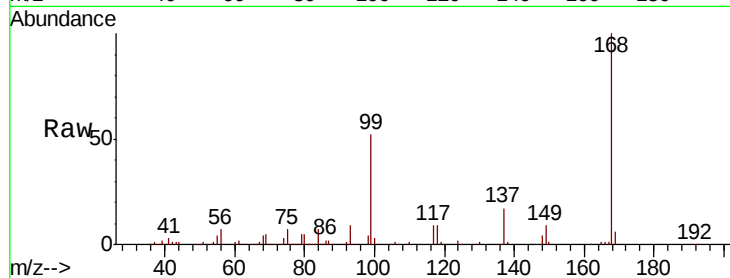
MW-24

Tot Ion:168 Resp: 652065

Ion Ratio Lower Upper

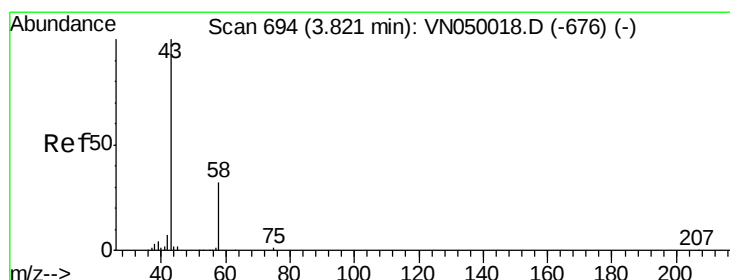
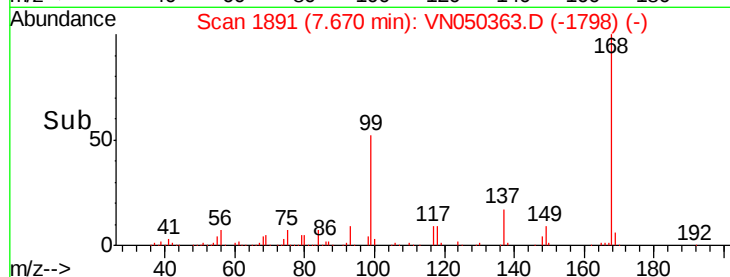
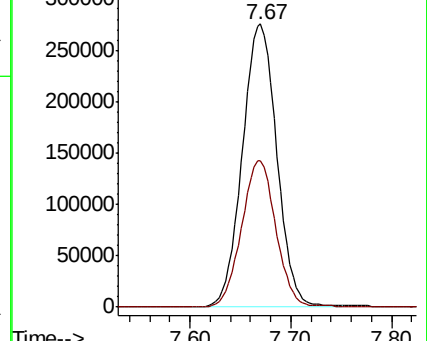
168 100

99 51.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)



#16

Acetone

Concen: 12.72 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050363.D

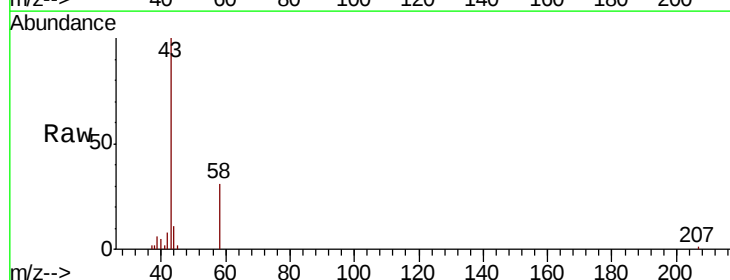
Acq: 4 Aug 2018 13:42

Tgt Ion: 43 Resp: 36096

Ion Ratio Lower Upper

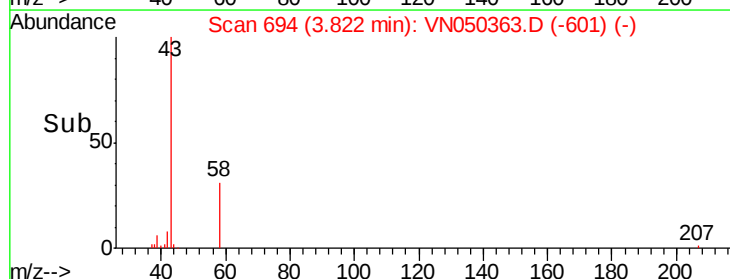
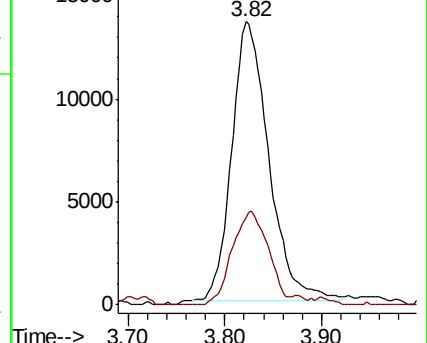
43 100

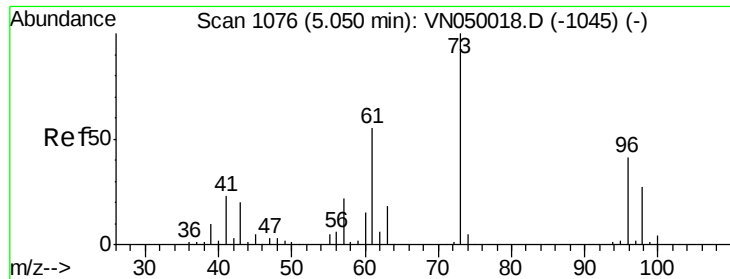
58 31.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

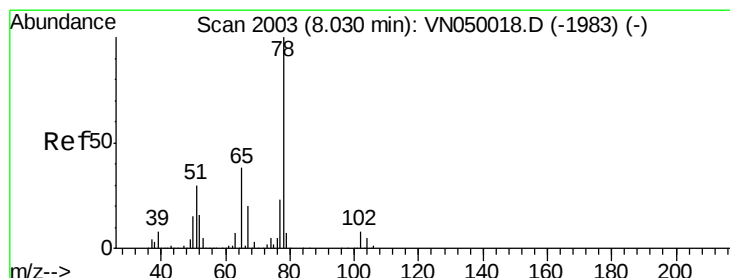
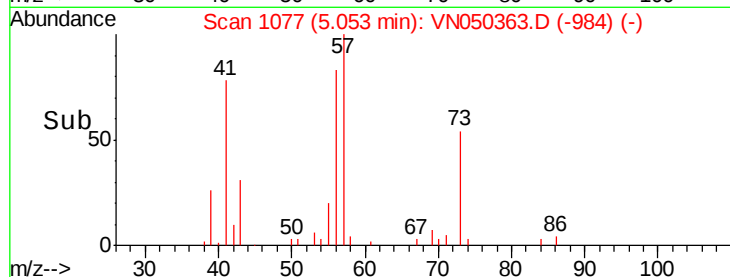
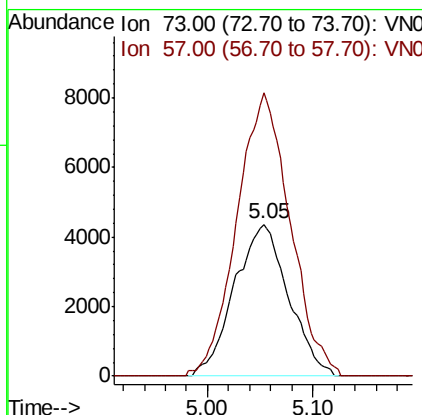
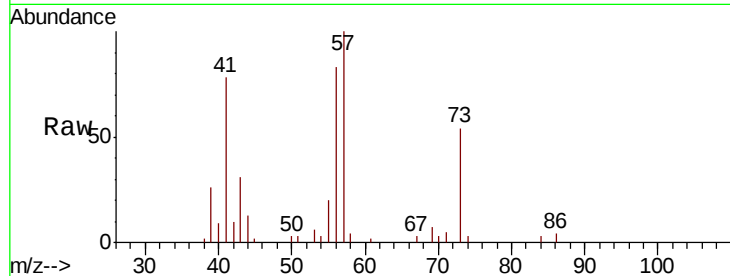




#19
Methvl tert-butvl Ether
Concen: 0.78 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

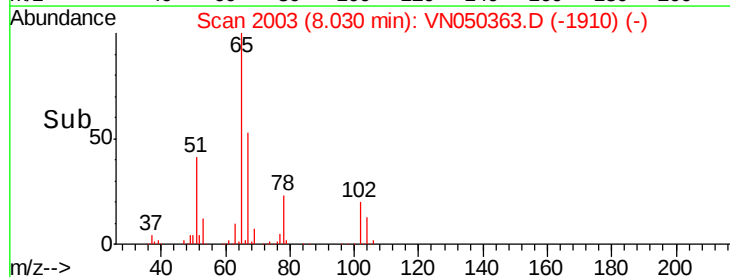
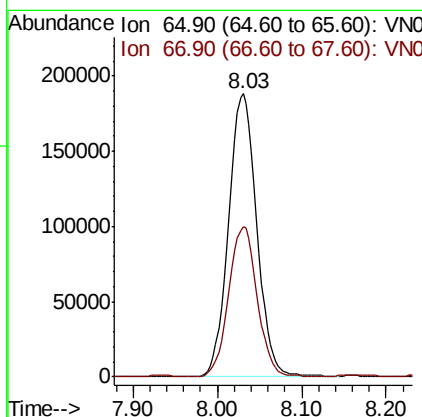
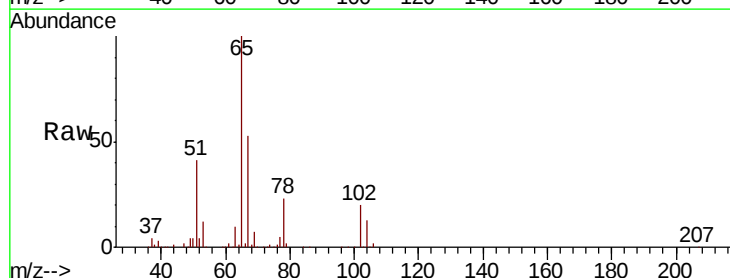
Instrument :
MSVOA_N
ClientSampled :
MW-24

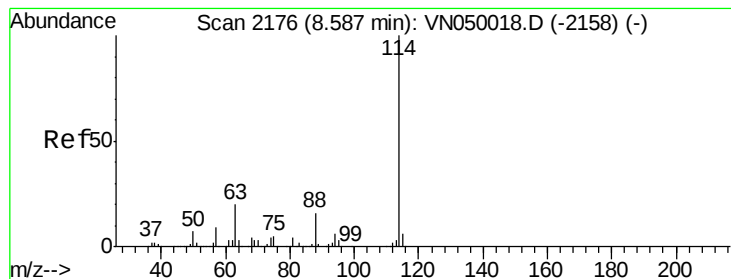
Tot Ion: 73 Resp: 15596
Ion Ratio Lower Upper
73 100
57 183.2 18.0 27.0#



#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

Tgt 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

Instrument :

MSVOA_N

ClientSampleId :

MW-24

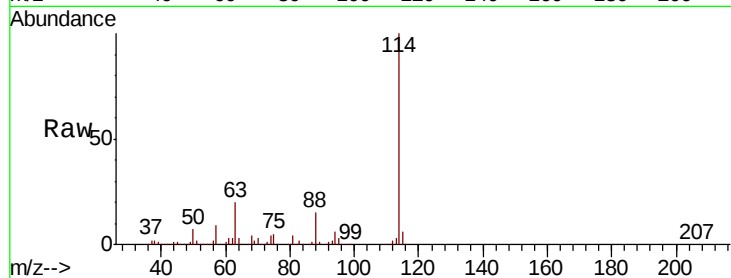
Tot Ion:114 Resp: 1022664

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

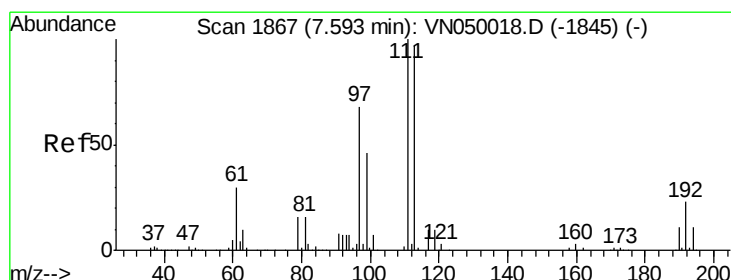
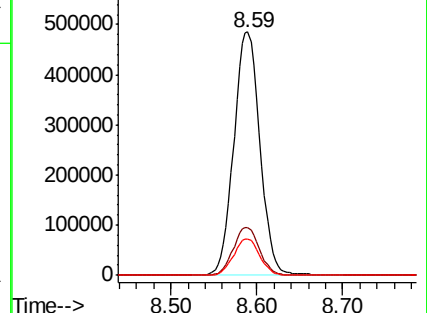
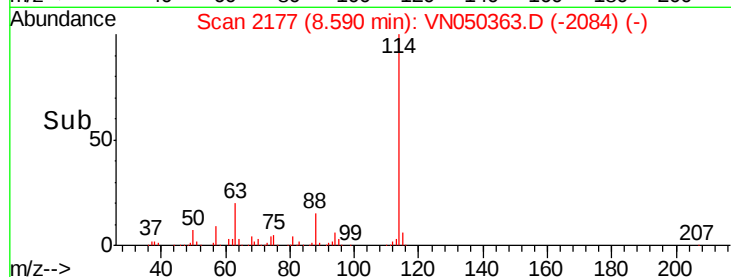
88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.38 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050363.D

Acq: 4 Aug 2018 13:42

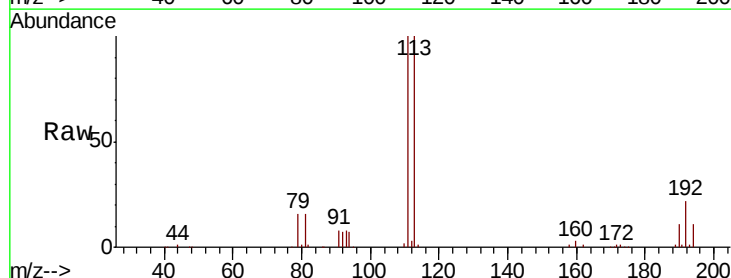
Tgt Ion:113 Resp: 387257

Ion Ratio Lower Upper

113 100

111 100.9 80.7 121.1

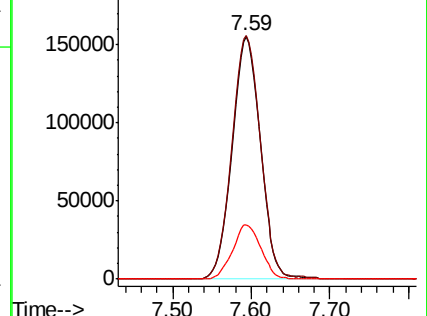
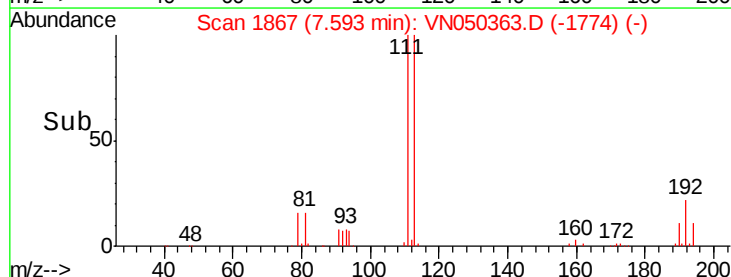
192 22.5 17.8 26.6

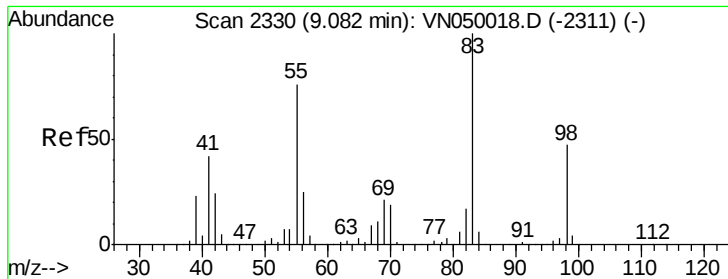


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

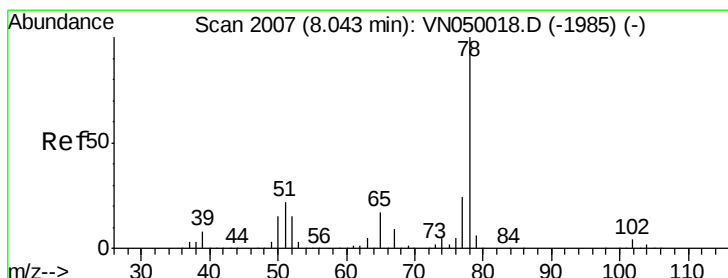
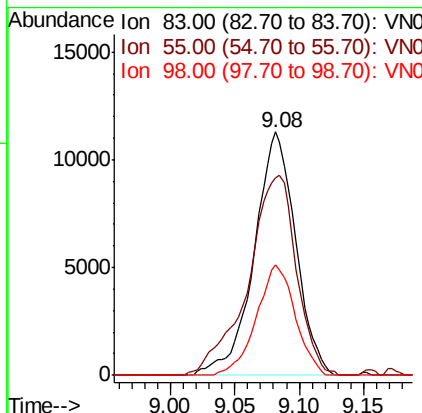
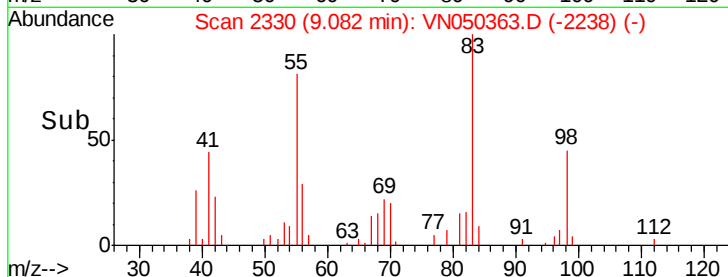
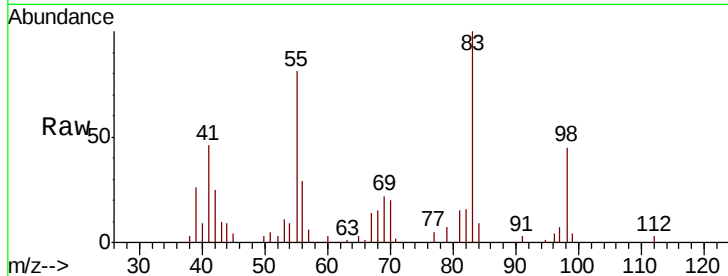




#39
Methvlcvclohexane
Concen: 2.13 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

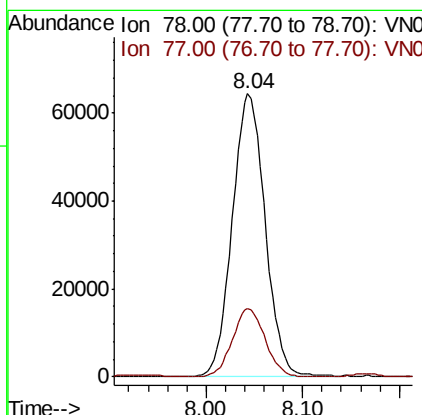
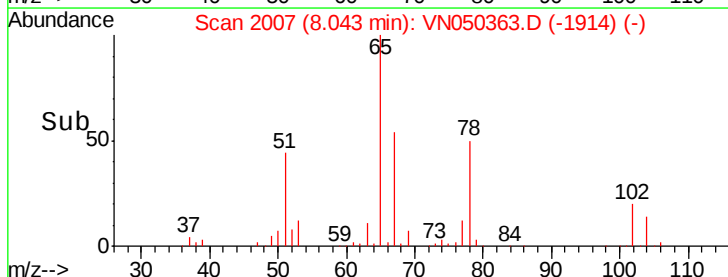
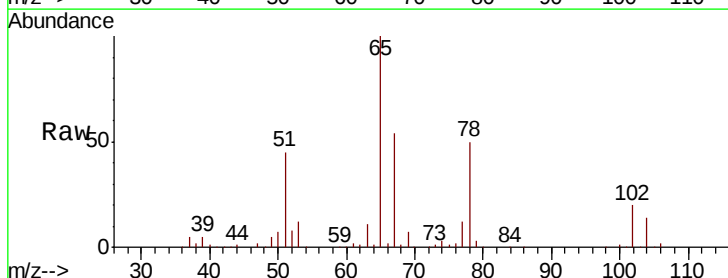
Instrument :
MSVOA_N
ClientSampled :
MW-24

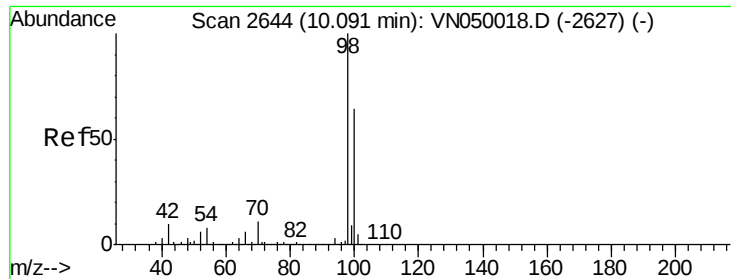
Tot Ion: 83 Resp: 25289
Ion Ratio Lower Upper
83 100
55 81.0 61.8 92.8
98 45.3 36.5 54.7



#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





#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 :

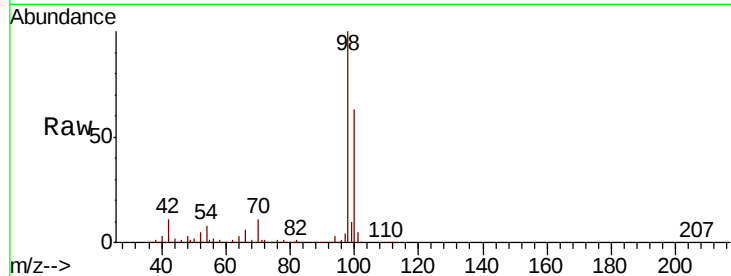
MW-24

Tot Ion: 98 Resp: 1419308

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)

10.09

800000

600000

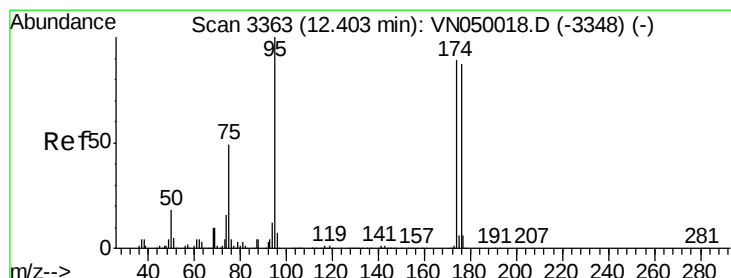
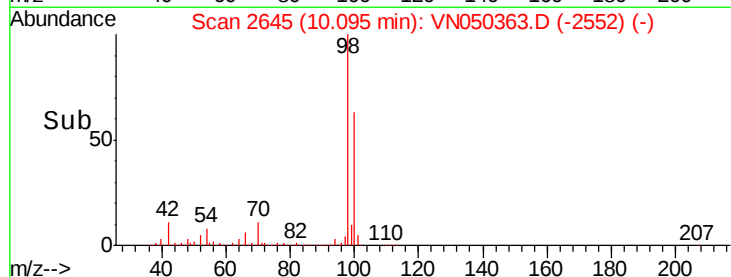
400000

200000

0

10.00 10.10 10.20

Time-->



#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

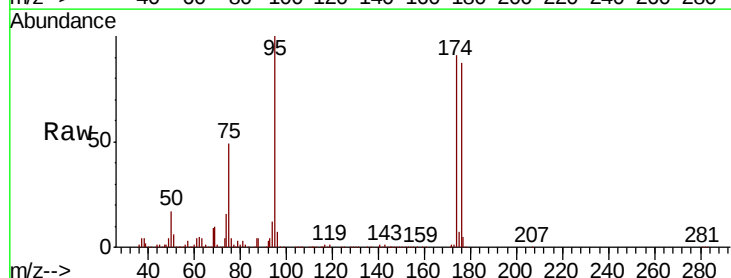
Tgt Ion: 95 Resp: 449989

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) (-)

12.40

300000

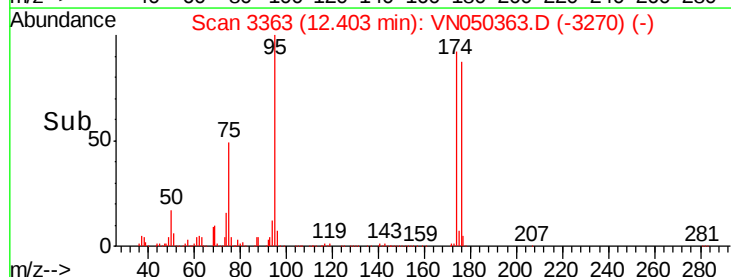
200000

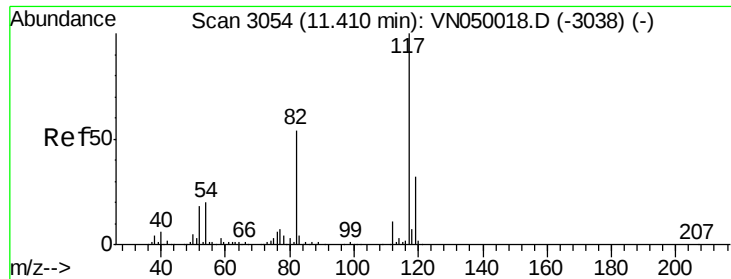
100000

0

12.35 12.40 12.45

Time-->

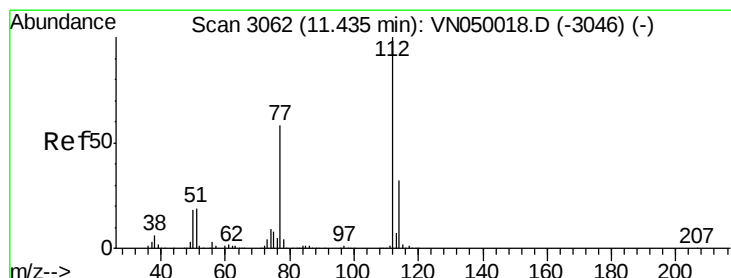
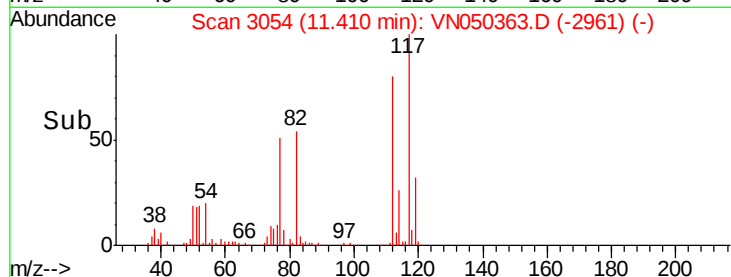
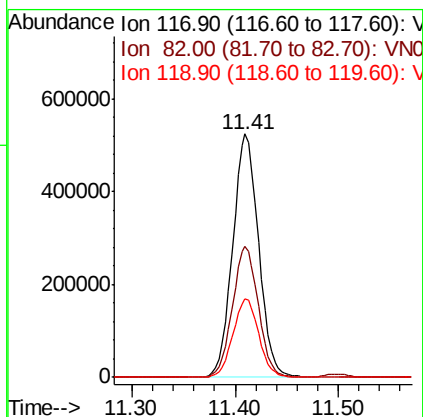
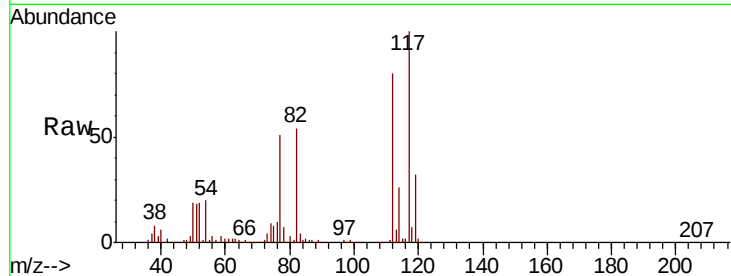




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

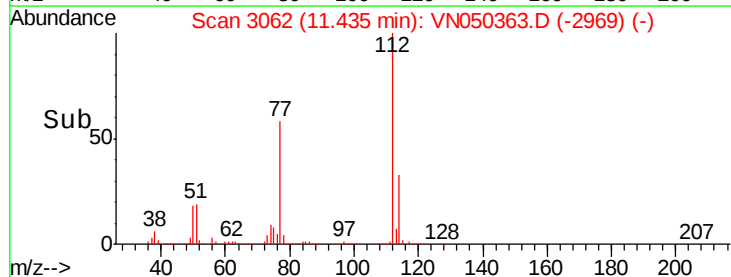
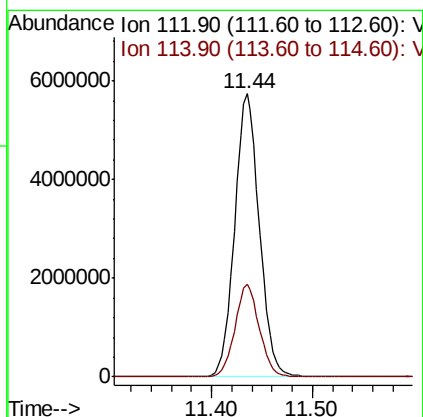
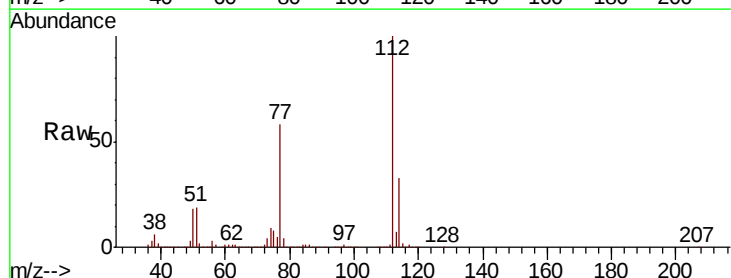
Instrument :
MSVOA_N
ClientSampleId :
MW-24

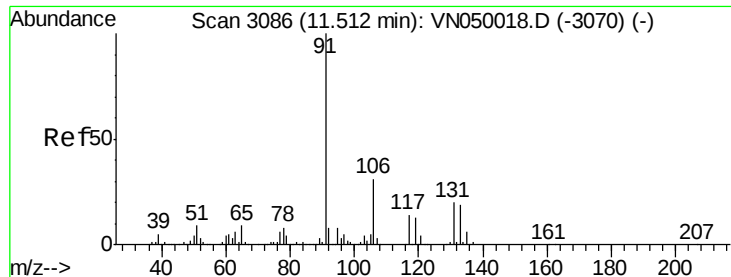
Tot Ion:117 Resp: 918063
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.4 26.1 39.1



#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

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

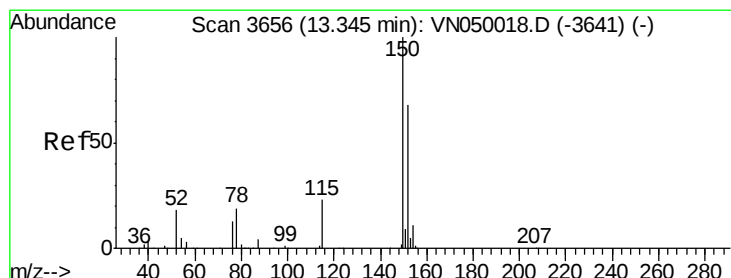
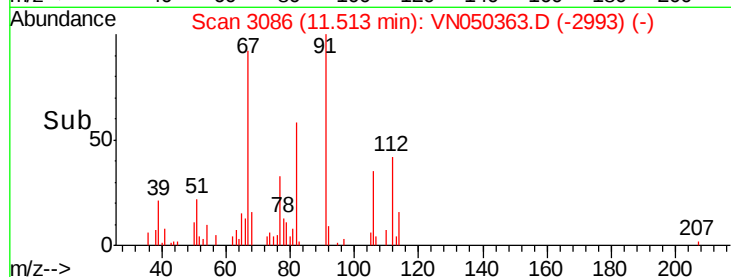
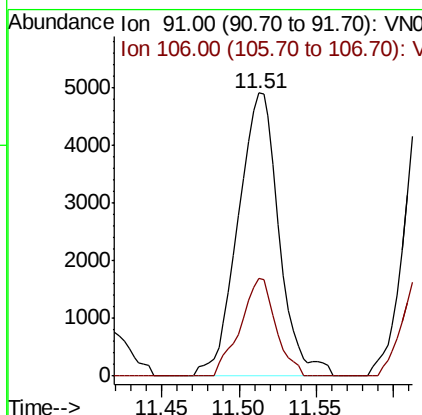
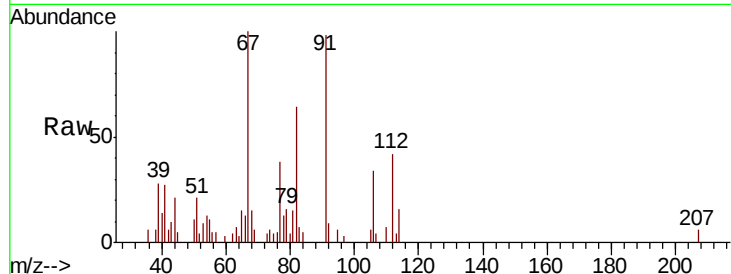




#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

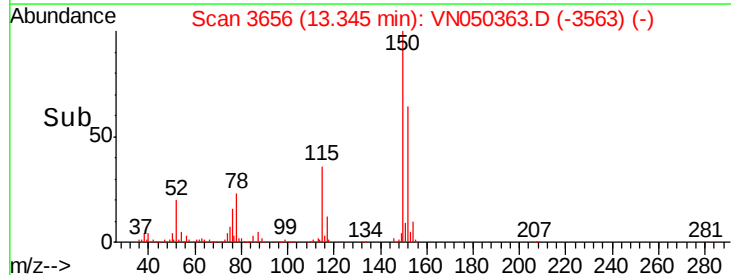
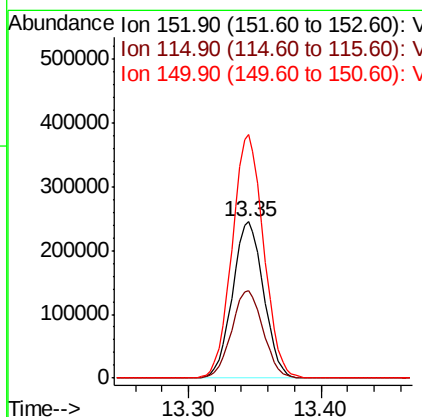
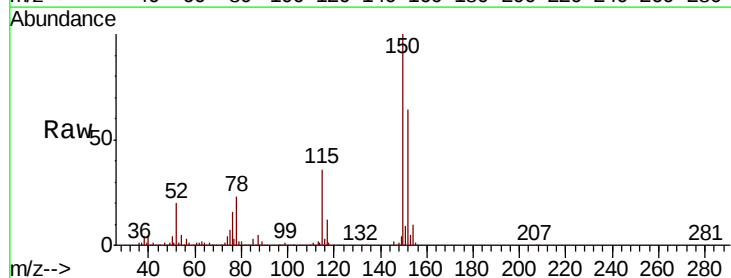
Instrument :
MSVOA_N
ClientSampled :
MW-24

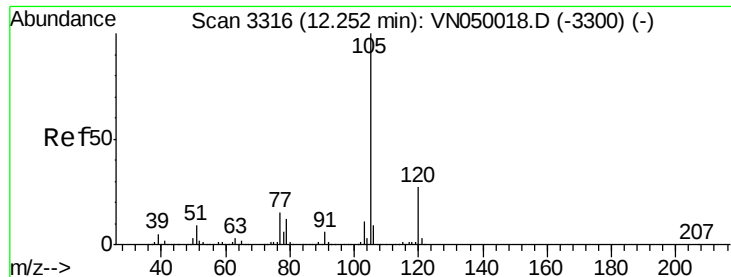
Tot Ion: 91 Resp: 9072
Ion Ratio Lower Upper
91 100
106 34.7 25.0 37.4



#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

Tgt Ion: 152 Resp: 399059
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 157.6 0.0 348.6





#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

Instrument :

MSVOA_N

ClientSampled :

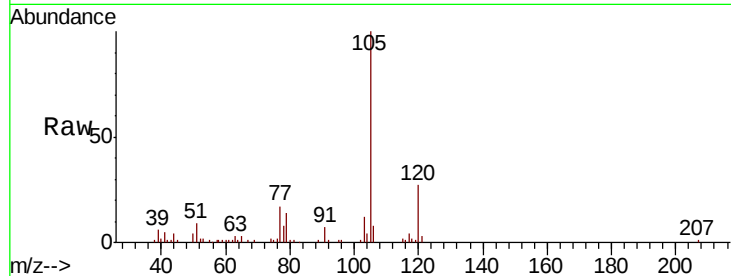
MW-24

Tot Ion:105 Resp: 51686

Ion Ratio Lower Upper

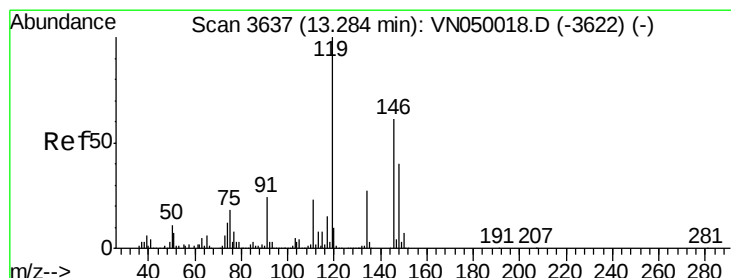
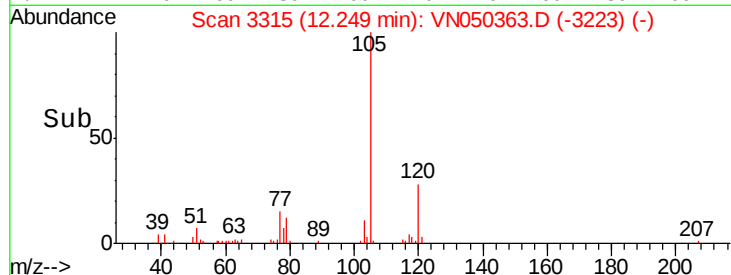
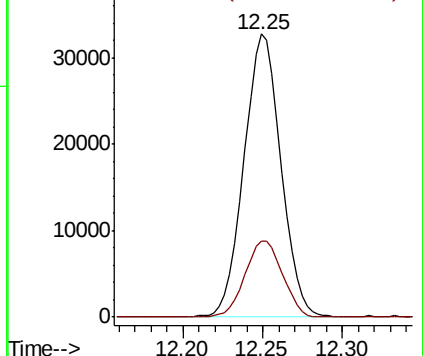
105 100

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



#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

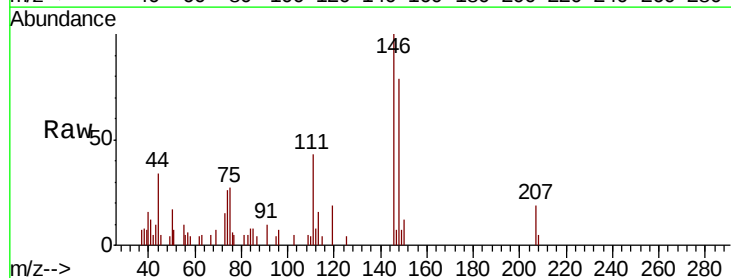
Tgt Ion:146 Resp: 6612

Ion Ratio Lower Upper

146 100

111 43.3 18.8 56.4

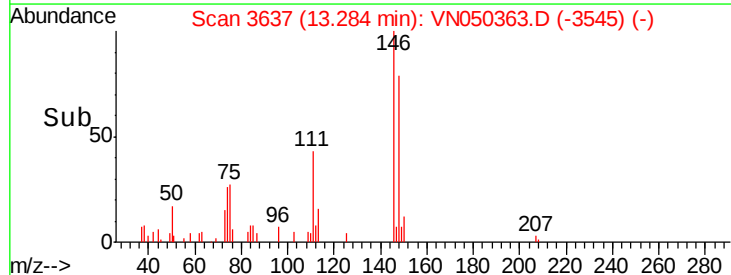
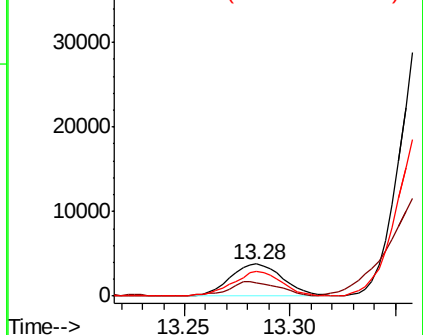
148 71.3 31.9 95.9

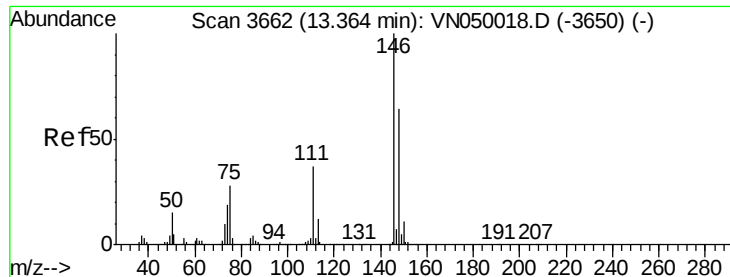


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#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

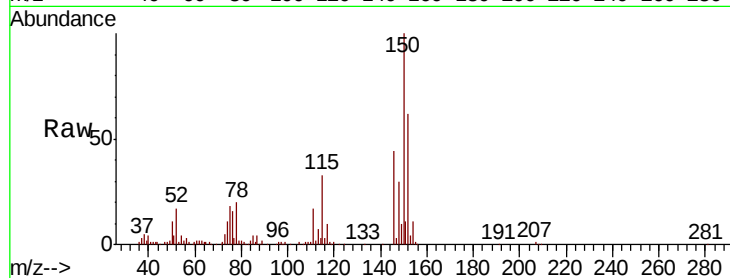
Tot Ion:146 Resp: 55468

Ion Ratio Lower Upper

146 100

111 44.9 18.3 54.9

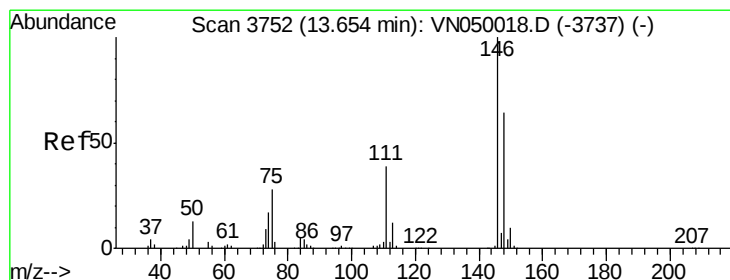
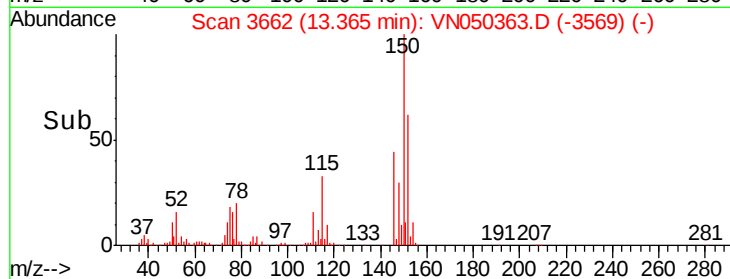
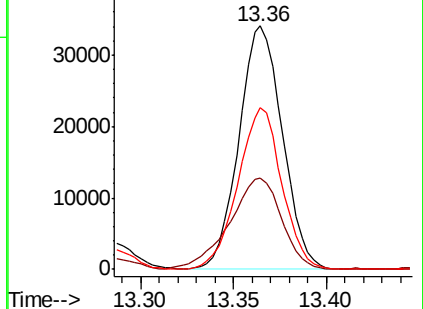
148 66.9 31.9 95.9



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



#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

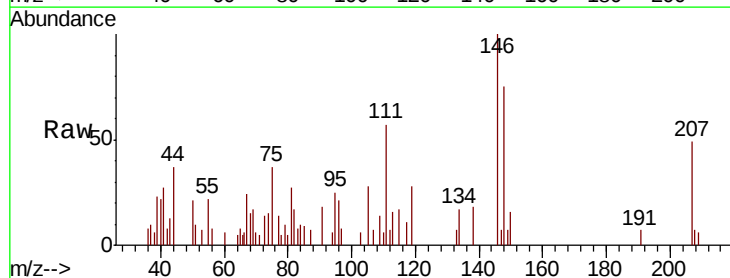
Tgt Ion:146 Resp: 4982

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

