

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 :

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 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%	

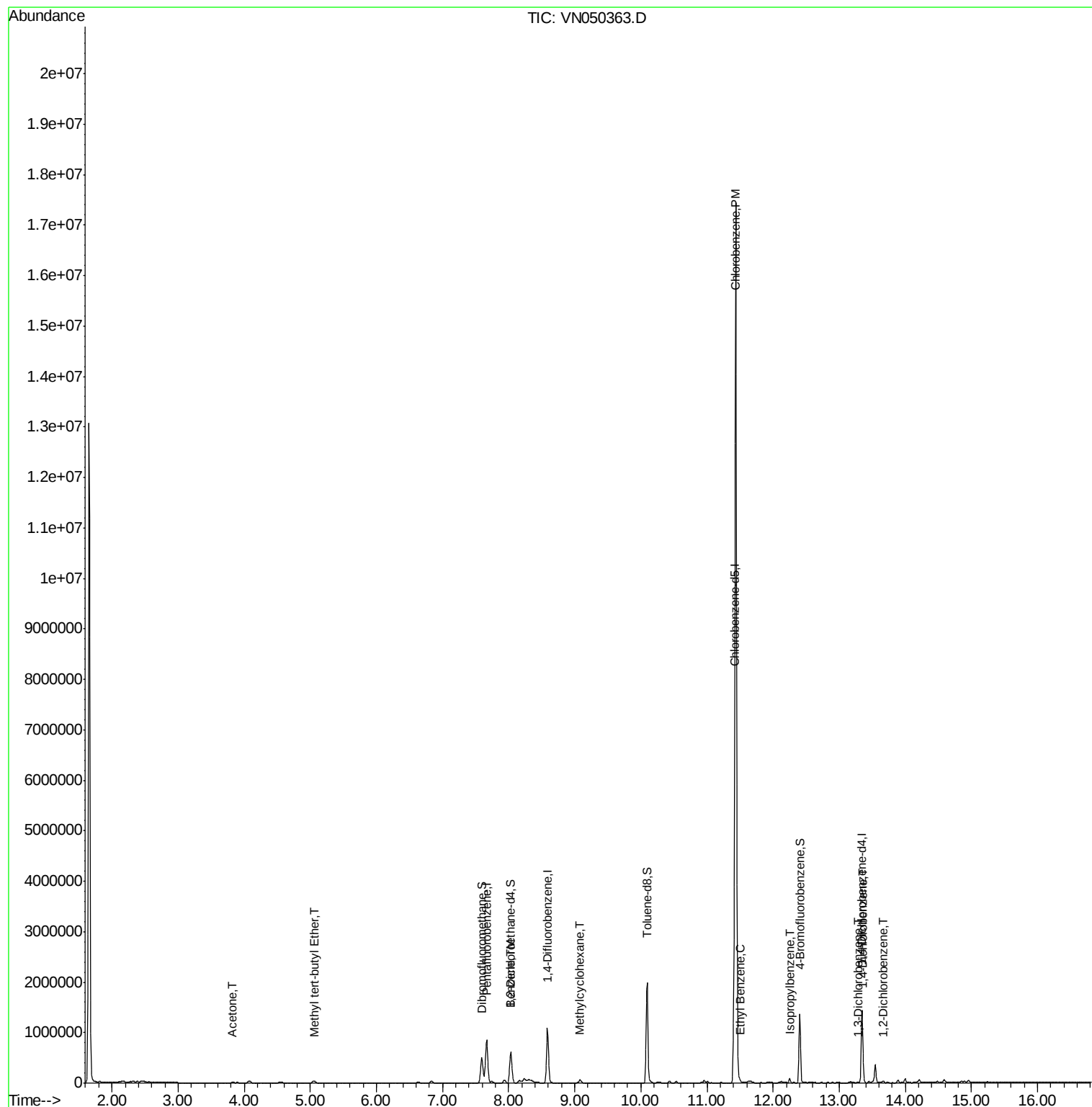
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	36096	12.72	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	15596	0.78	ug/l	# 1
39) Methylcyclohexane	9.08	83	25289	2.13	ug/l	97
40) Benzene	8.04	78	152174	4.34	ug/l	99
65) Chlorobenzene	11.44	112	9722181	419.24	ug/l	99
67) Ethyl Benzene	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

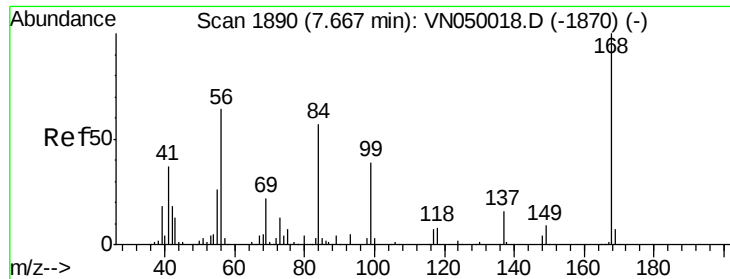
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

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



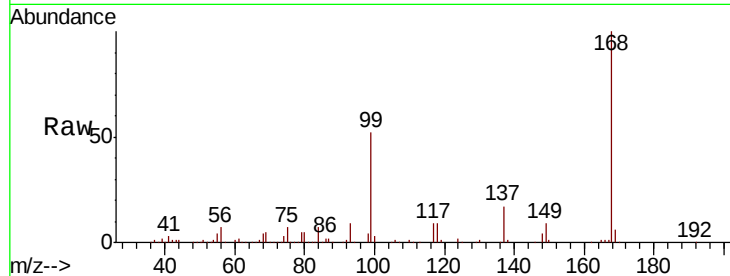


#1

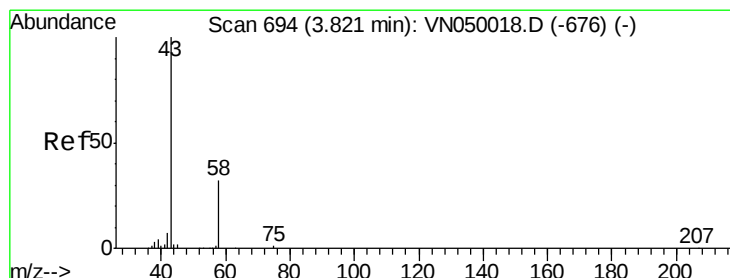
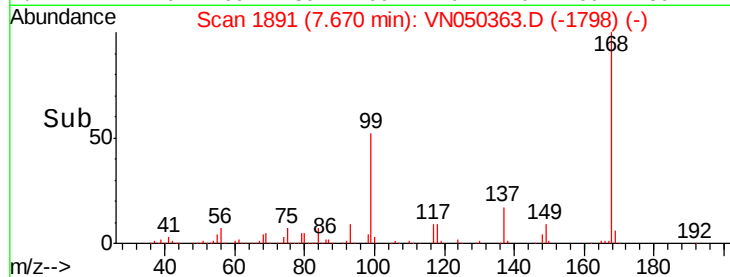
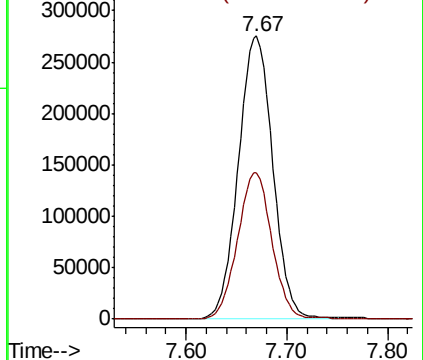
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:168 Resp: 652065
 Ion Ratio Lower Upper
 168 100
 99 51.6 40.0 60.0



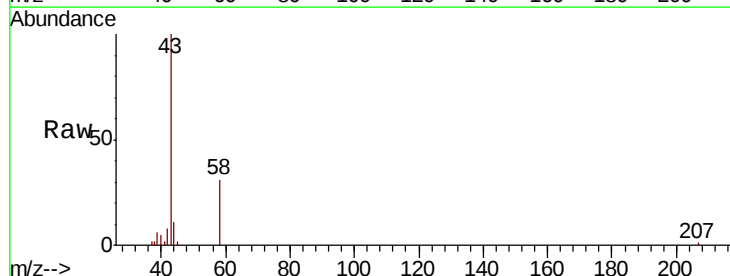
Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)
 Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)



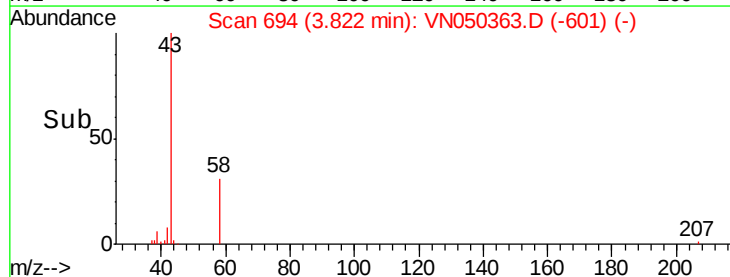
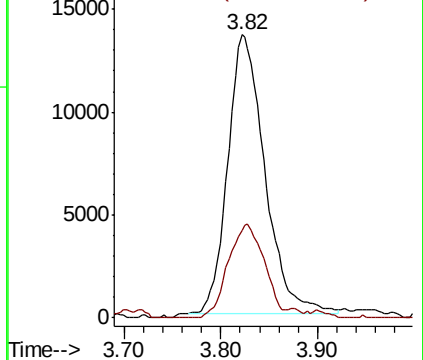
#16

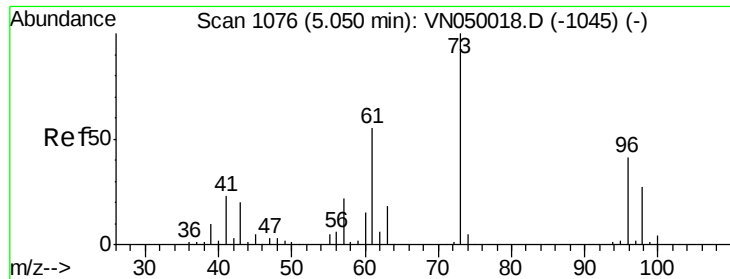
Acetone
 Concen: 12.72 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

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) (-)

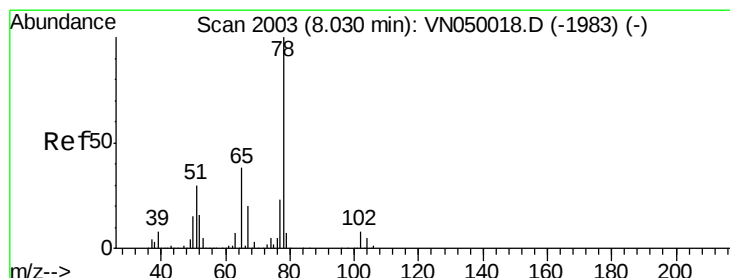
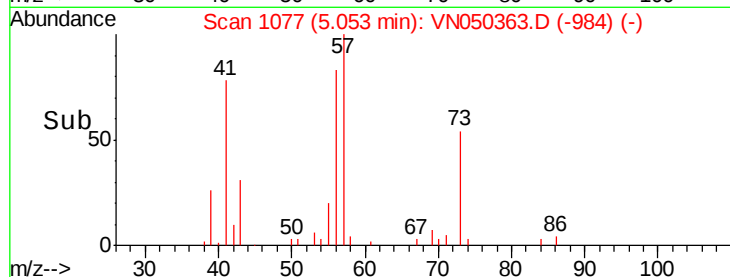
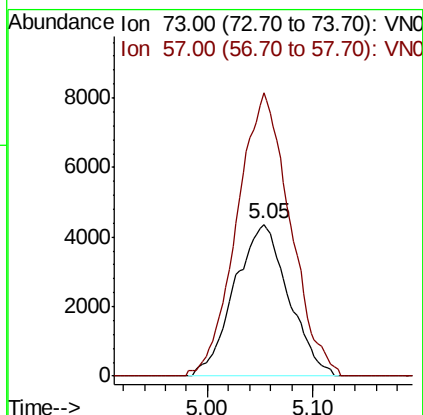
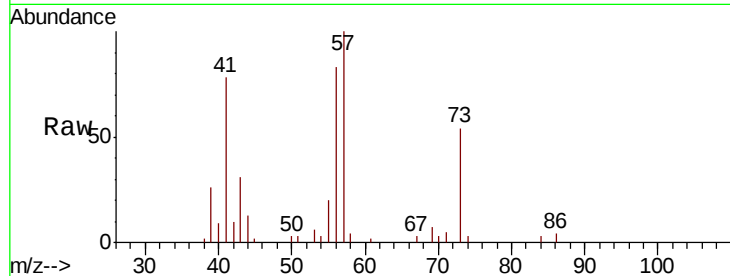




#19
Methvl tert-butvl Ether
Concen: 0.78 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

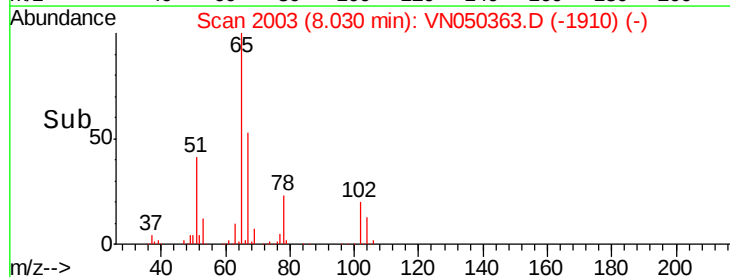
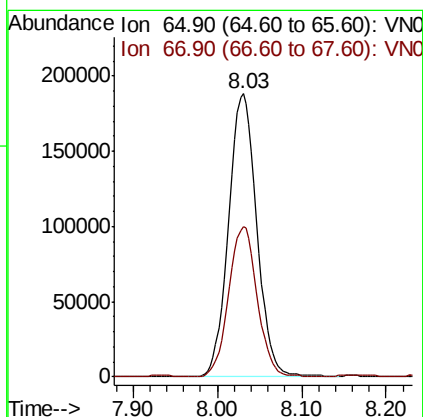
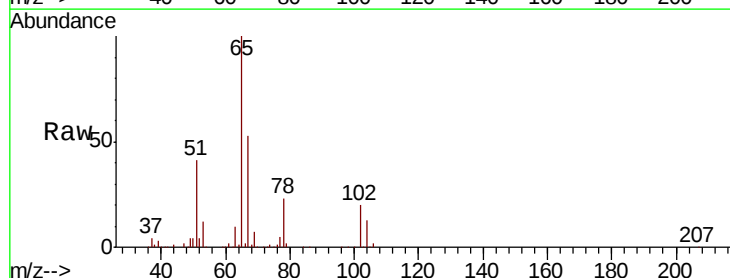
Instrument :
MSVOA_N
ClientSampled :

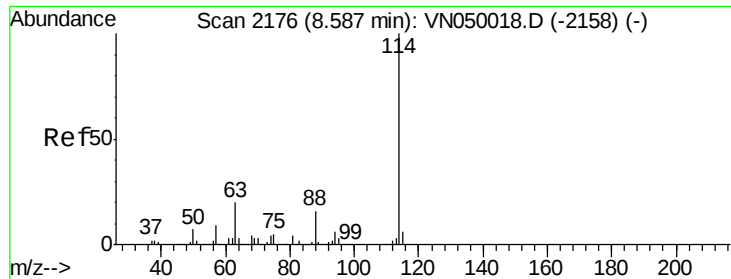
Tot Ion: 73 Resp: 15596
Ion Ratio Lower Upper
73 100
57 183.2 18.0 27.0#



#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

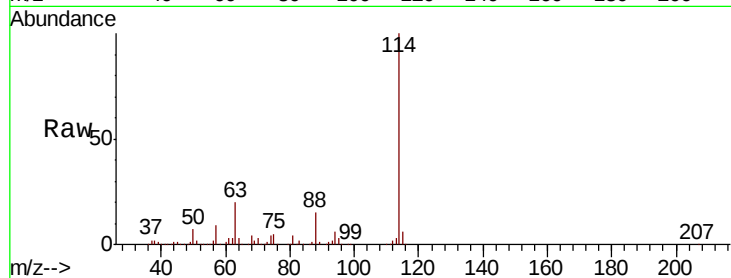




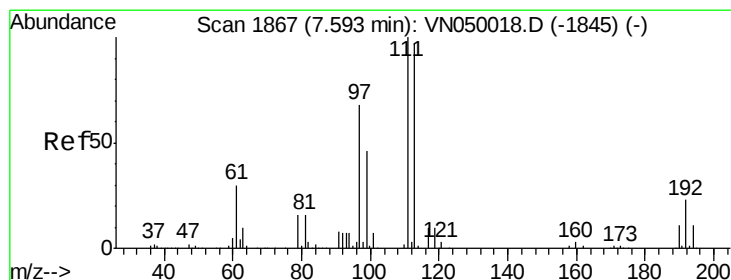
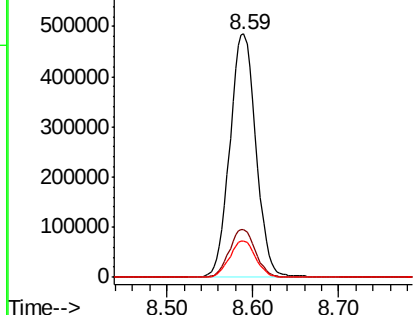
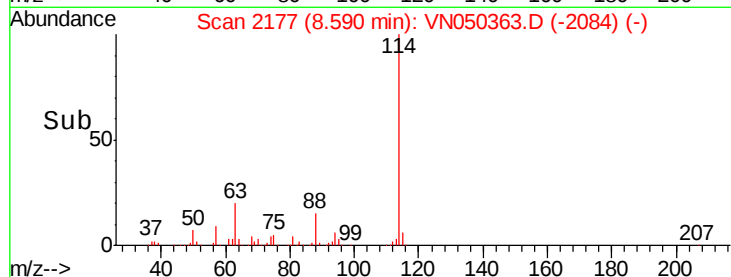
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

Instrument :
 MSVOA_N
 ClientSampleId :

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

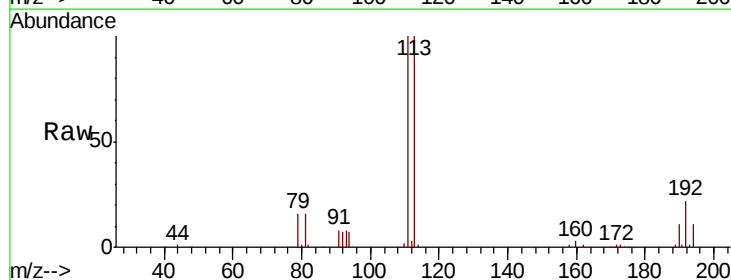


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

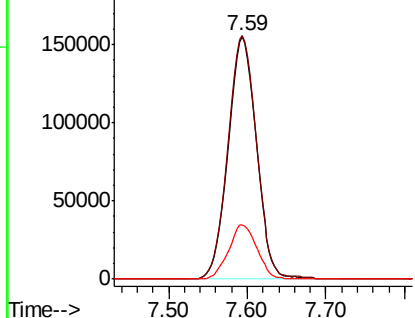
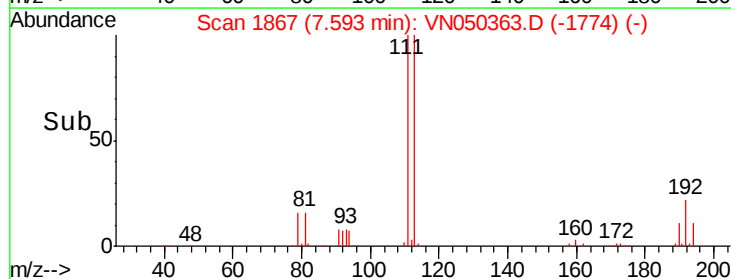


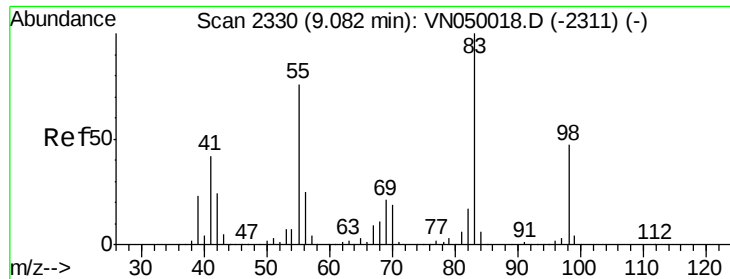
#35
 Dibromofluoromethane
 Concen: 46.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

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

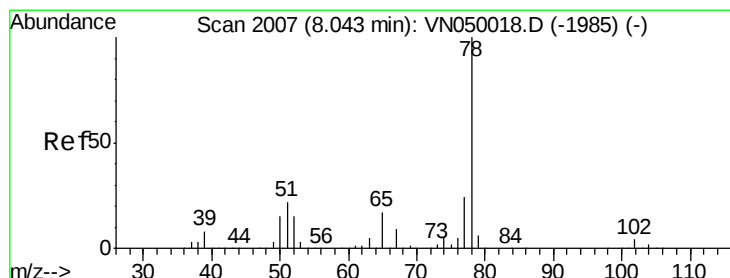
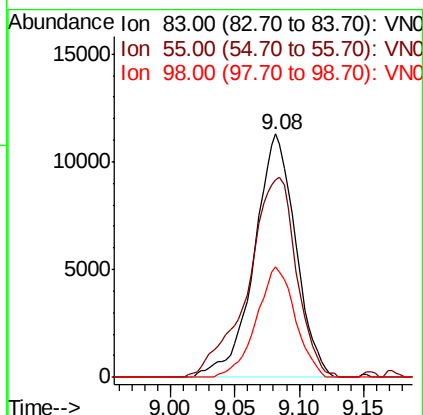
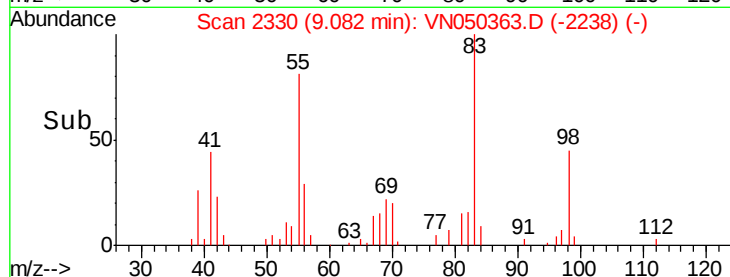
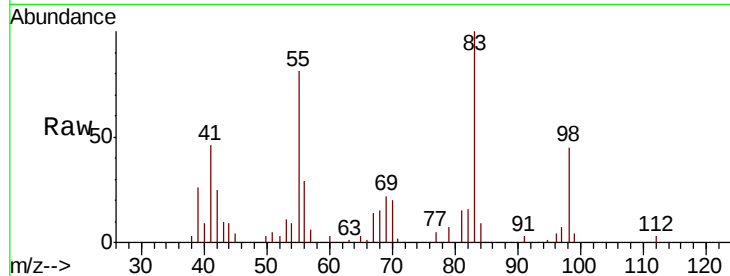




#39
Methvlcvclohexane
Concen: 2.13 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

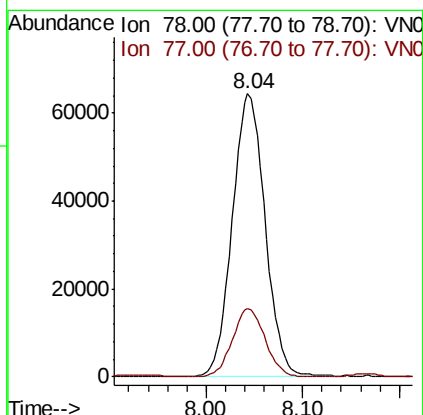
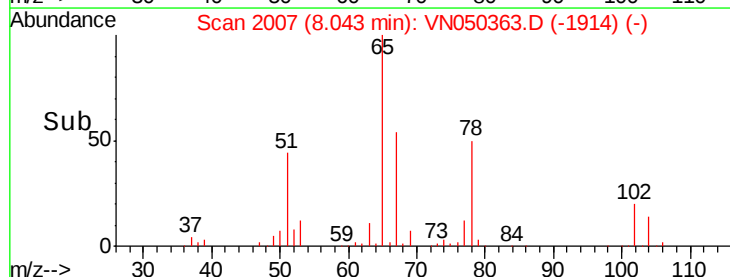
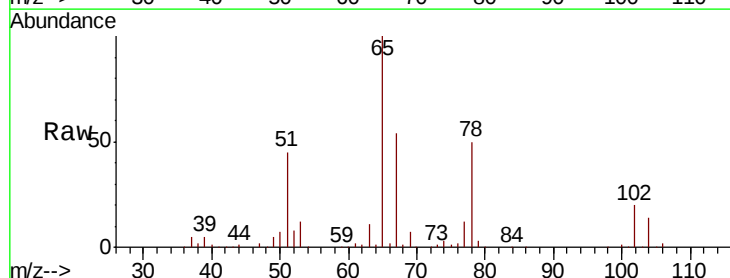
Instrument :
MSVOA_N
ClientSampled :

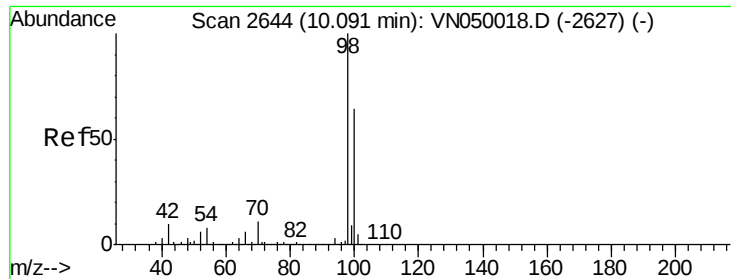
Tot Ion: 83 Resp: 25289
Ion Ratio Lower Upper
83 100
55 81.0 61.8 92.8
98 45.3 36.5 54.7



#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

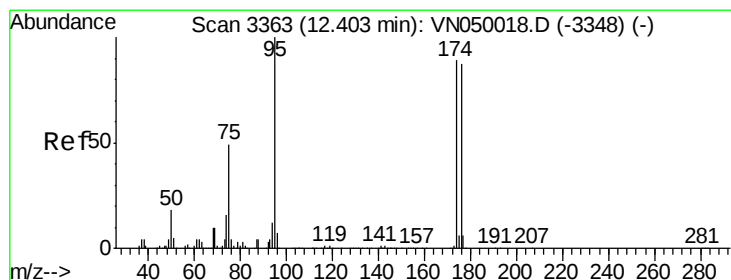
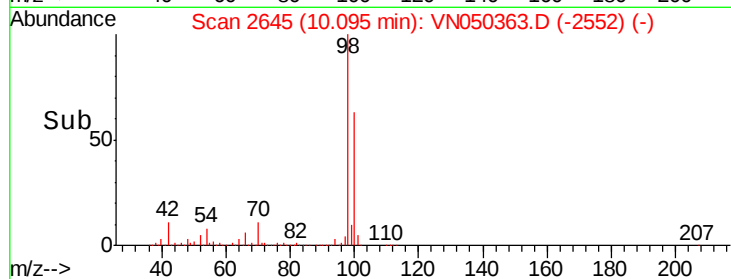
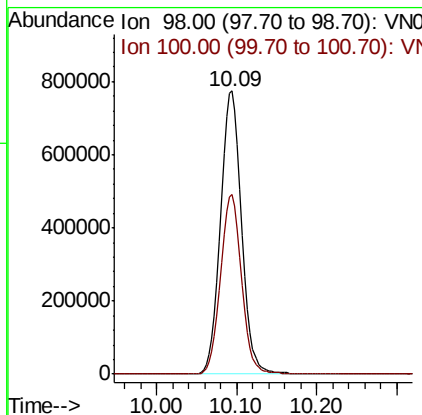
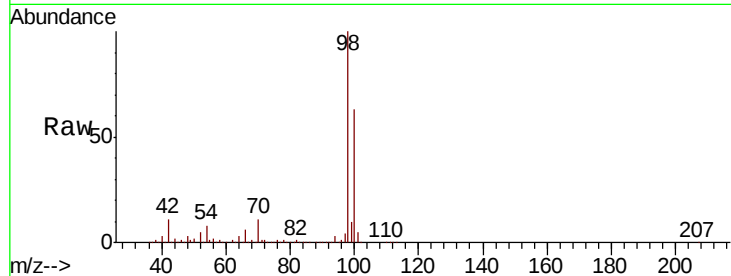




#50
Toluene-d8
Concen: 46.24 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

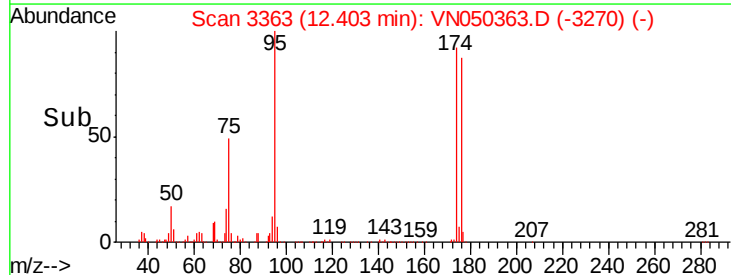
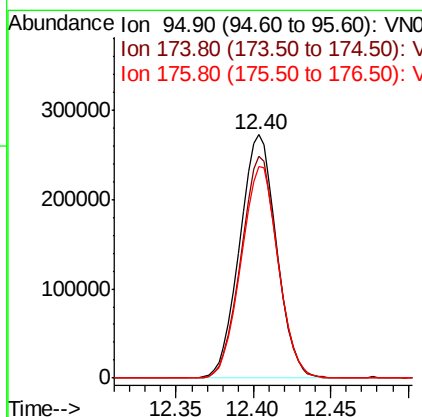
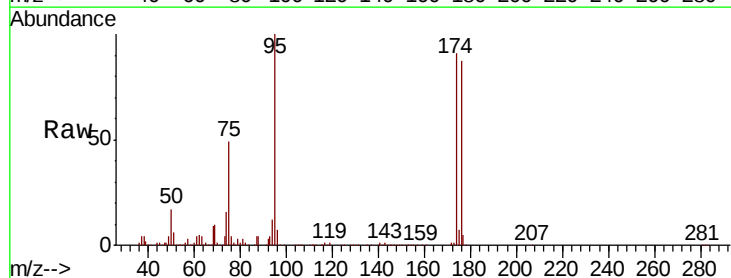
Instrument :
MSVOA_N
ClientSampled :

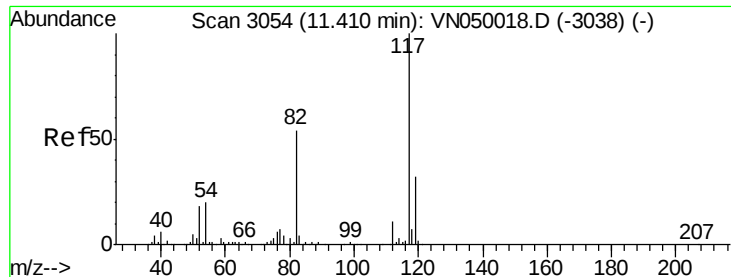
Tot Ion: 98 Resp: 1419308
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#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

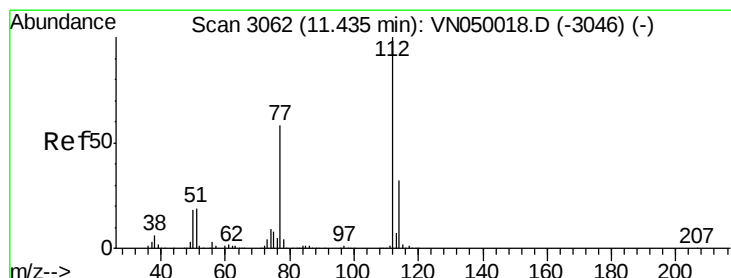
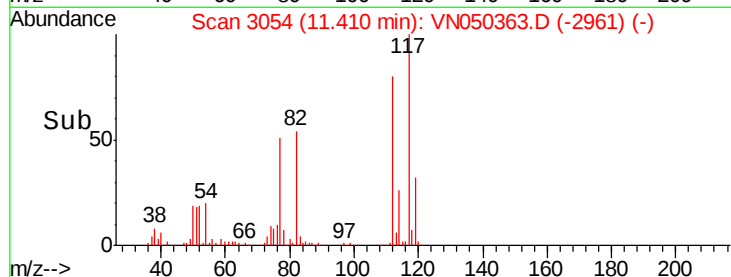
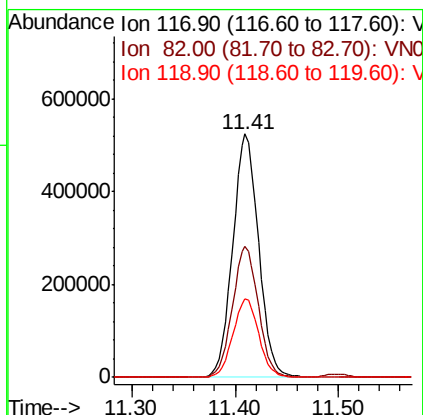
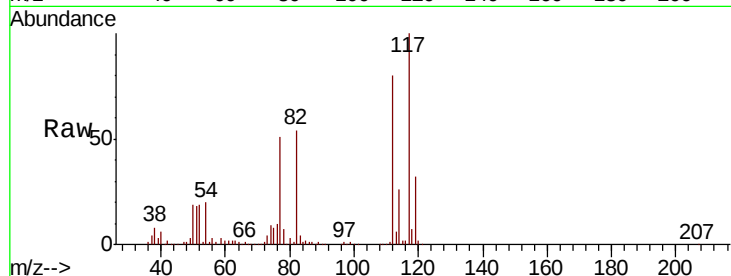




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

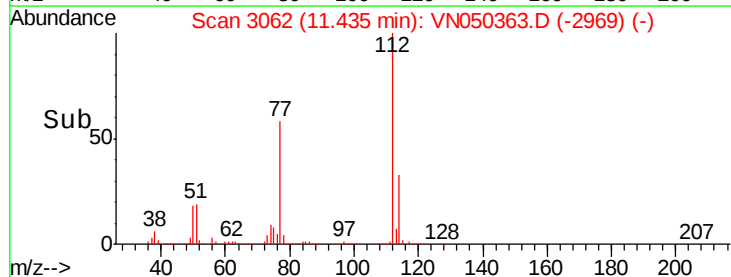
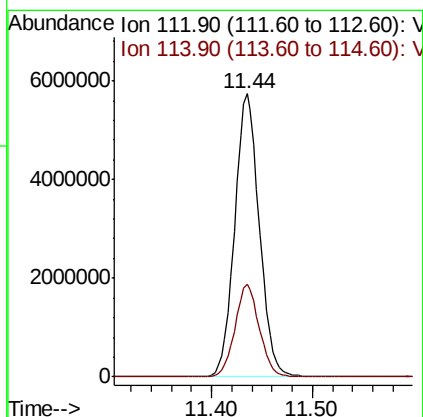
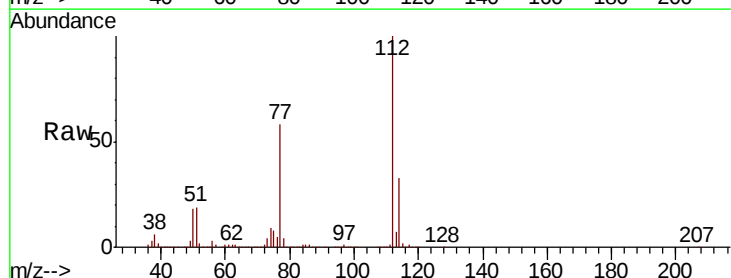
Instrument :
MSVOA_N
ClientSampleId :

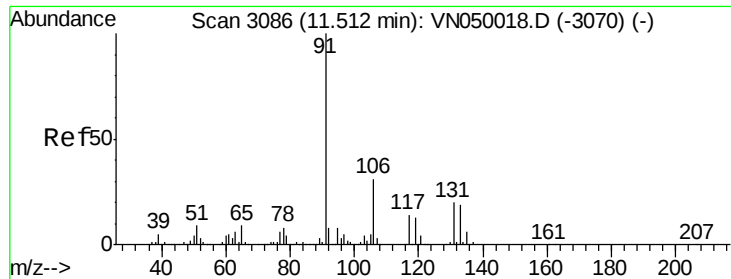
Tot Ion:117 Resp: 918063
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.4 26.1 39.1



#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

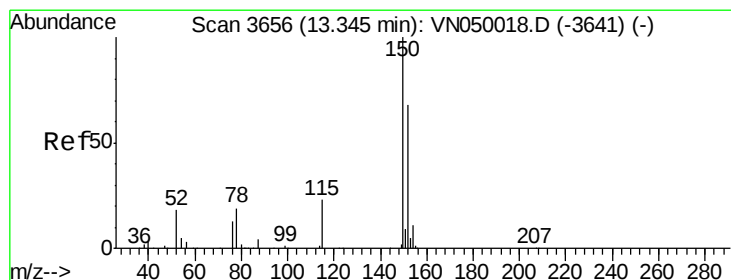
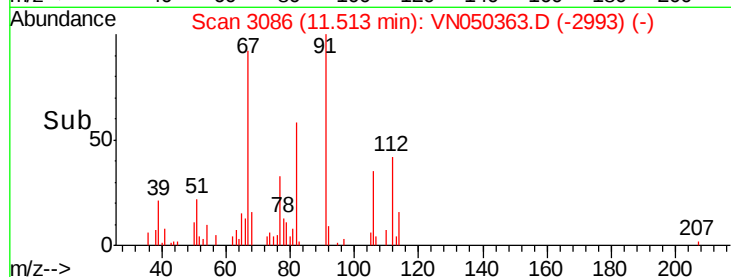
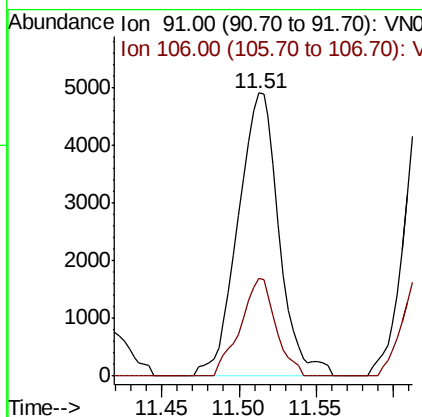
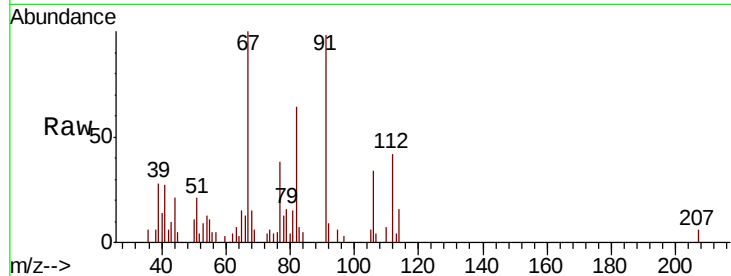




#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050363.D
Acq: 4 Aug 2018 13:42

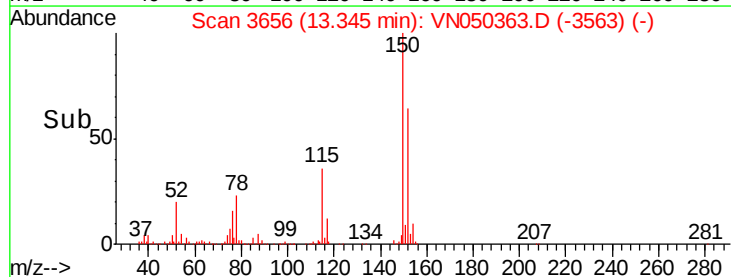
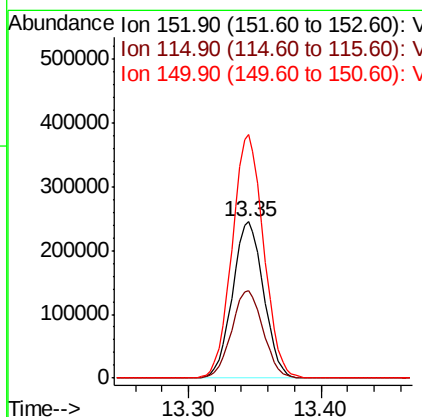
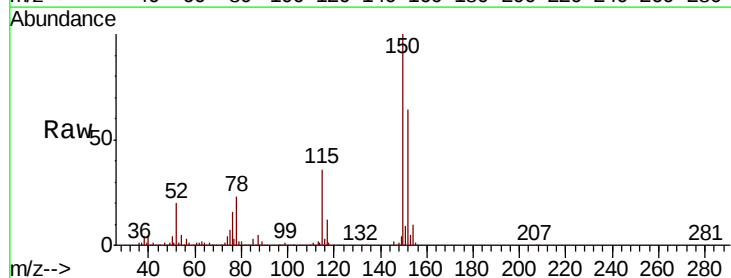
Instrument :
MSVOA_N
ClientSampled :

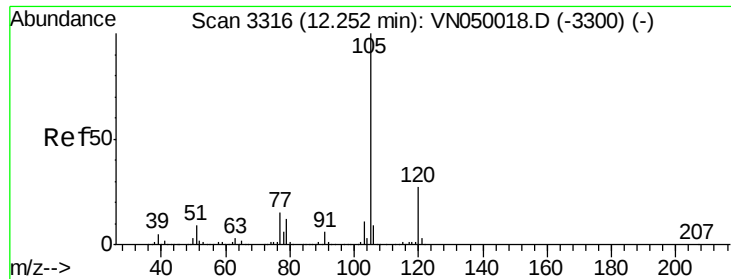
Tot Ion: 91 Resp: 9072
Ion Ratio Lower Upper
91 100
106 34.7 25.0 37.4



#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

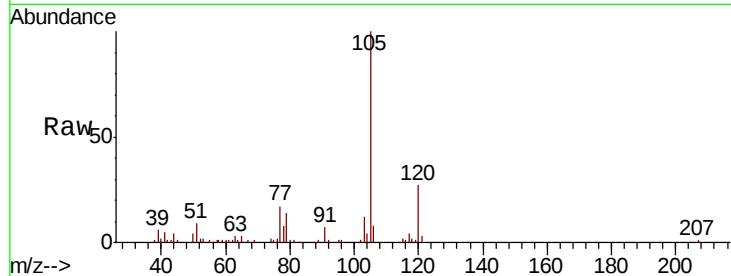
ClientSampleId :

Tot Ion:105 Resp: 51686

Ion Ratio Lower Upper

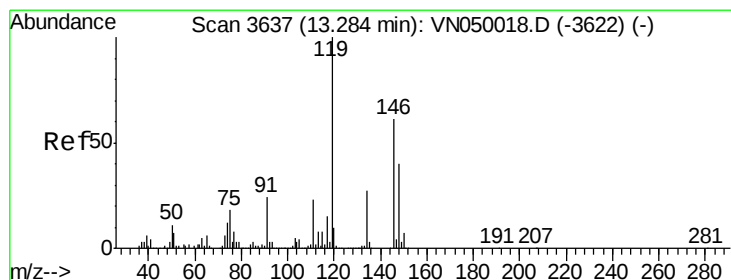
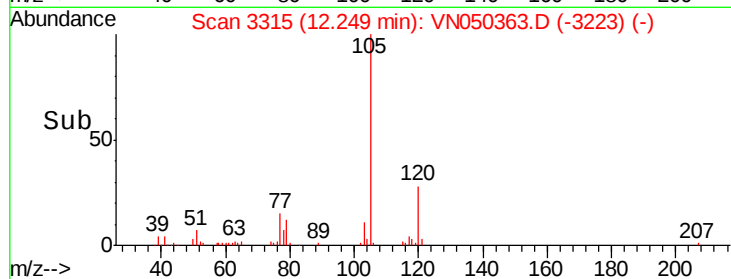
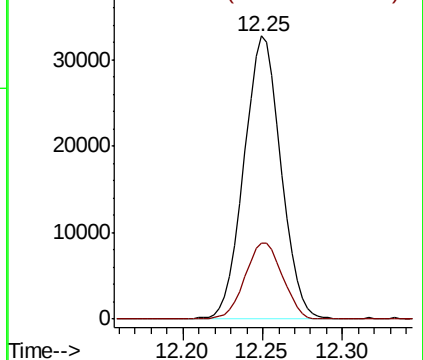
105 100

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

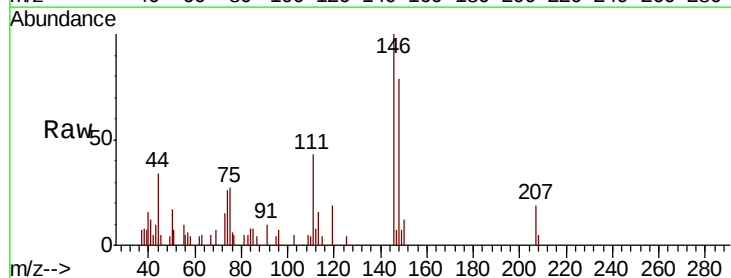
Tgt Ion:146 Resp: 6612

Ion Ratio Lower Upper

146 100

111 43.3 18.8 56.4

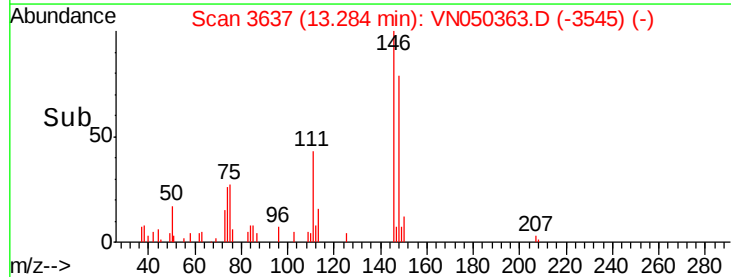
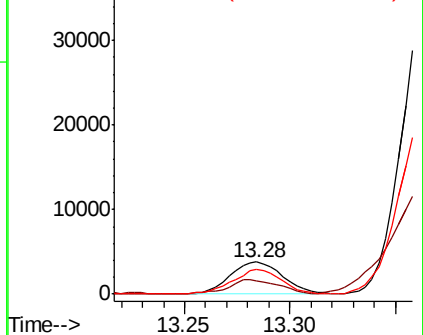
148 71.3 31.9 95.9

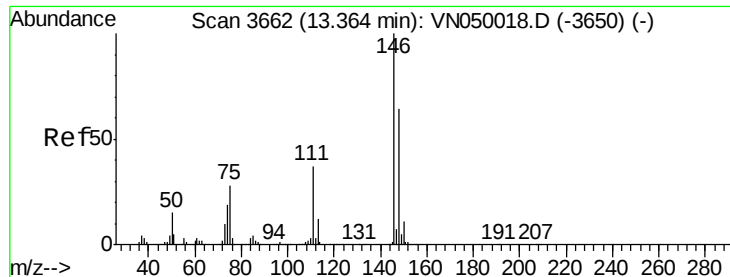


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

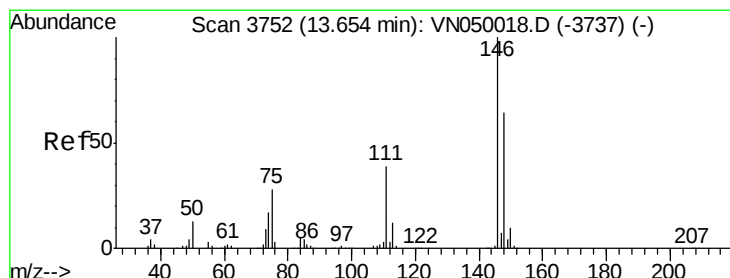
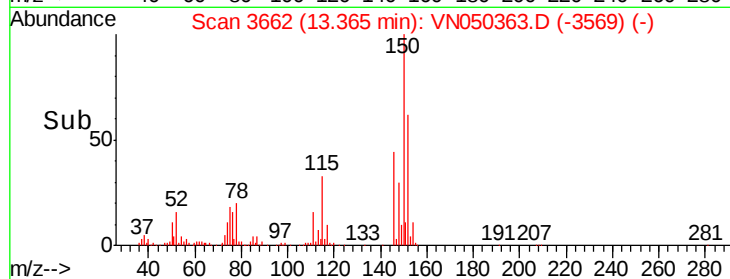
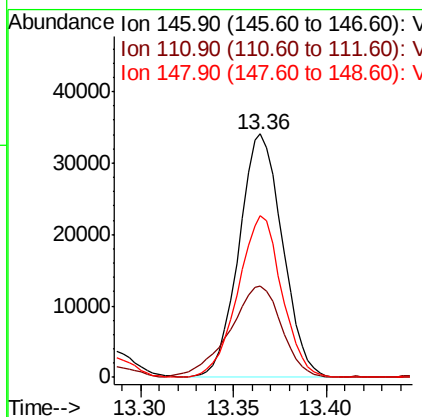
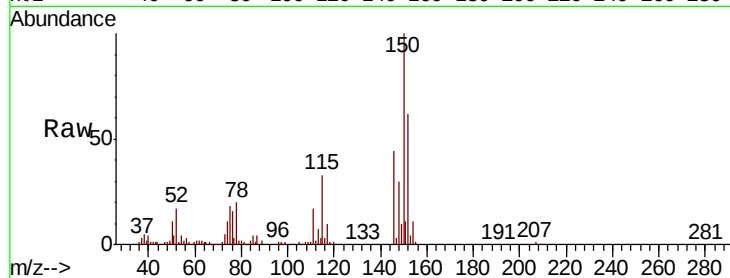




#88
 1,4-Dichlorobenzene
 Concen: 3.91 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050363.D
 Acq: 4 Aug 2018 13:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	18.3	54.9
148	66.9	31.9	95.9



#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	Ratio	Lower	Upper
146	100		
111	47.3	19.6	58.7
148	71.2	32.1	96.3

