

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050664.D
 Acq On : 15 Aug 2018 18:56
 Operator : MD\SY
 Sample : PB1112055ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB1112055ZHE#04

Quant Time: Aug 16 04:16:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	572175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	978164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	830538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309701	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	409139	56.73	ug/l	0.00
Spiked Amount			Recovery	=	113.46%	
35) Dibromofluoromethane	7.59	113	378394	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1322070	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
62) 4-Bromofluorobenzene	12.40	95	368756	37.98	ug/l	0.00
Spiked Amount			Recovery	=	75.96%	

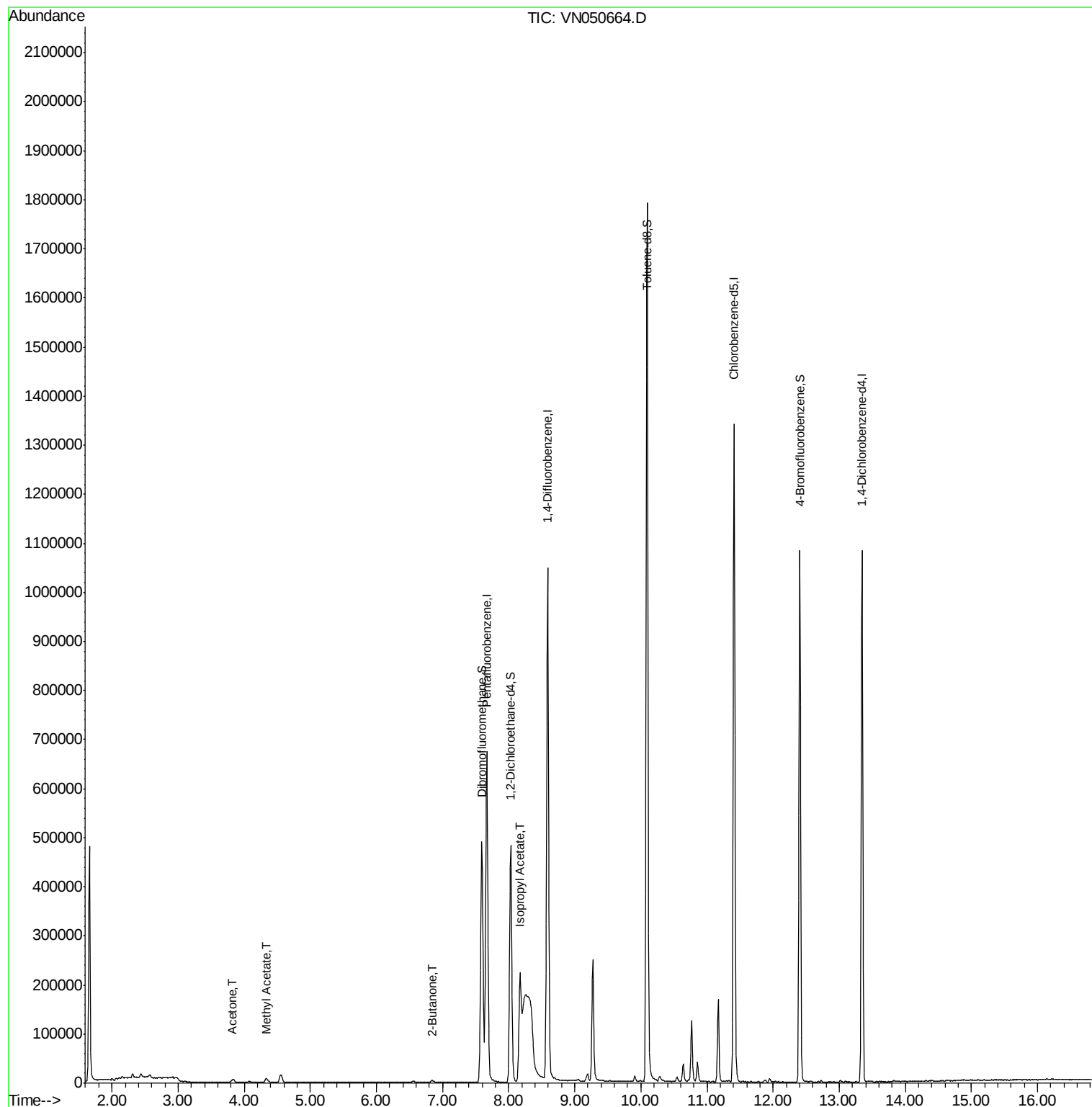
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	13136	5.88	ug/l	96
18) Methyl Acetate	4.33	43	14758	1.96	ug/l #	67
25) 2-Butanone	6.85	43	6528	2.21	ug/l	92
43) Isopropyl Acetate	8.17	43	293885	26.20	ug/l #	92

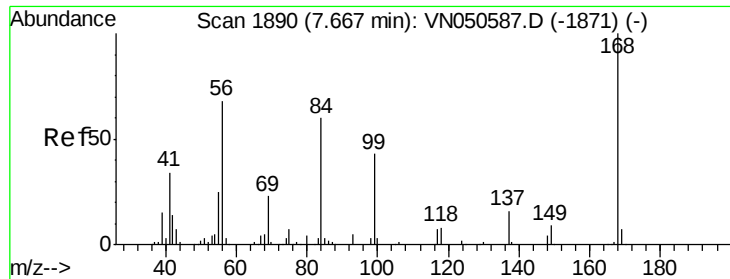
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050664.D

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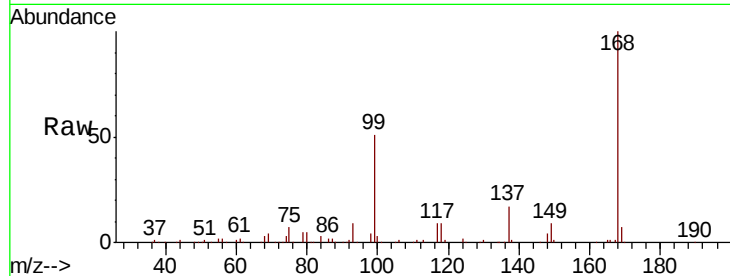
Instrument :
MSVOA_N
ClientSampleId :
PB1112055ZHE#04

Tot Ion:168 Resp: 572175

Ion Ratio Lower Upper

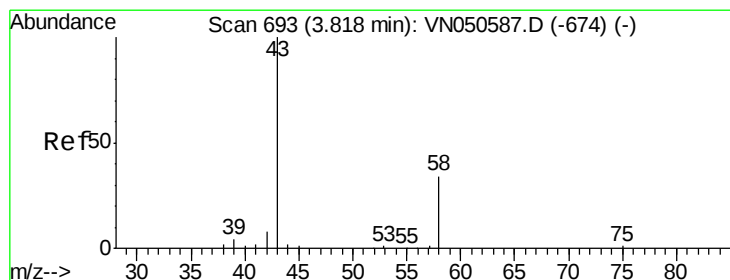
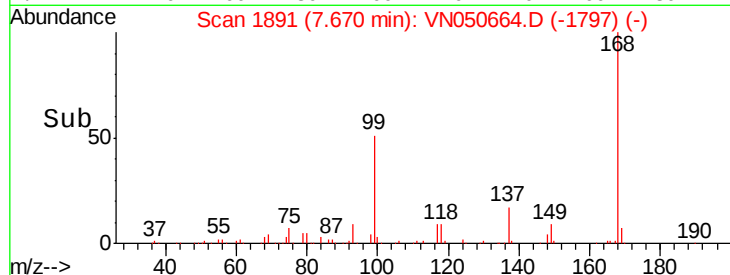
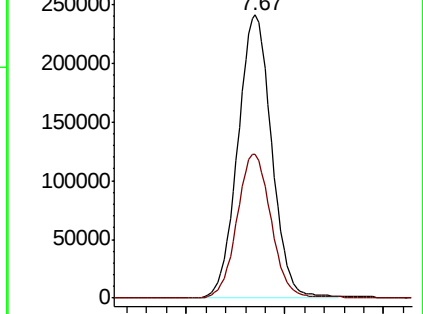
168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.88 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050664.D

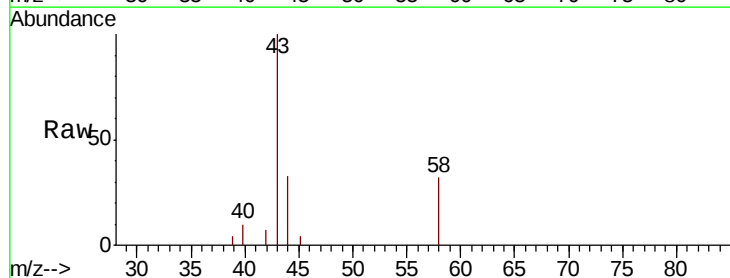
Acq: 15 Aug 2018 18:56

Tgt Ion: 43 Resp: 13136

Ion Ratio Lower Upper

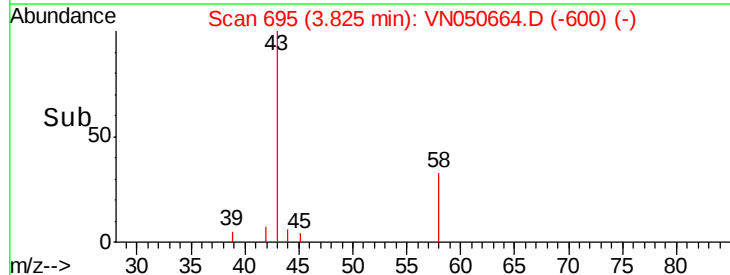
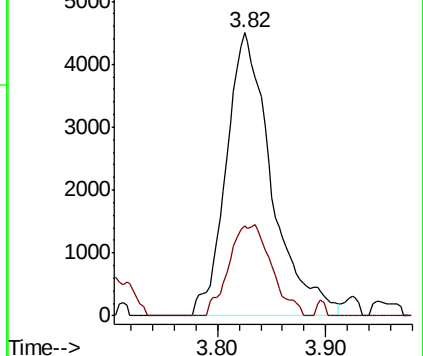
43 100

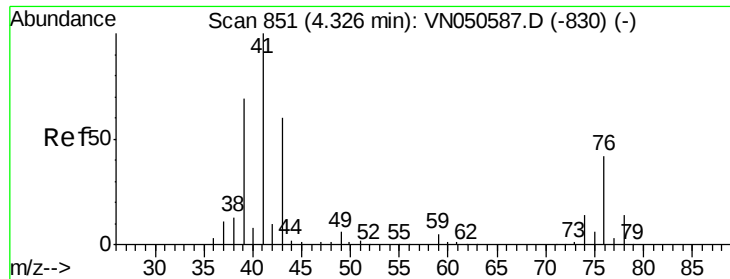
58 31.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

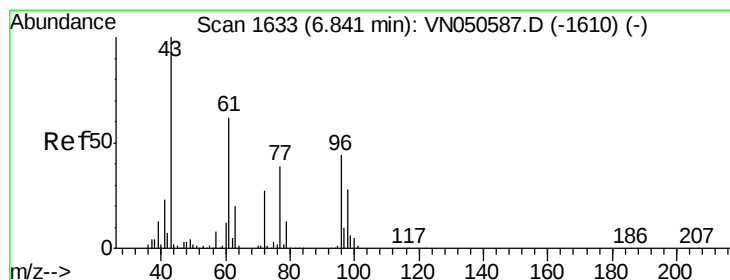
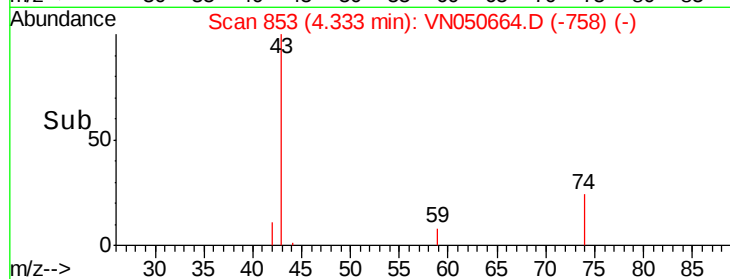
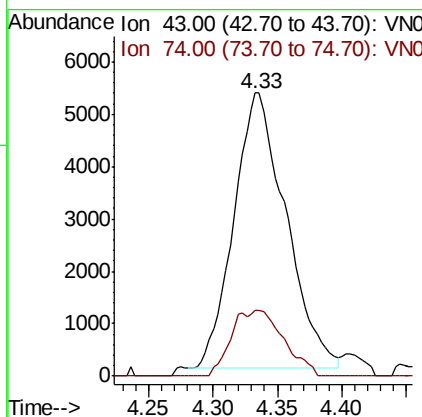
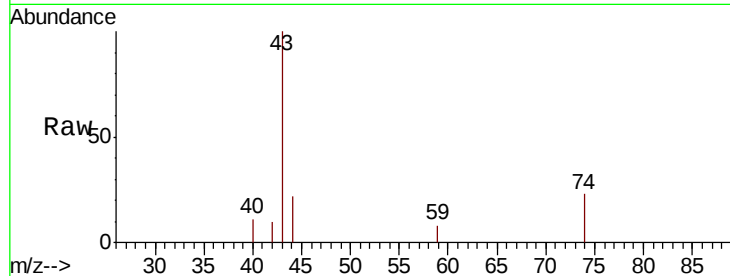




#18
Methyl Acetate
Concen: 1.96 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050664.D
Acq: 15 Aug 2018 18:56

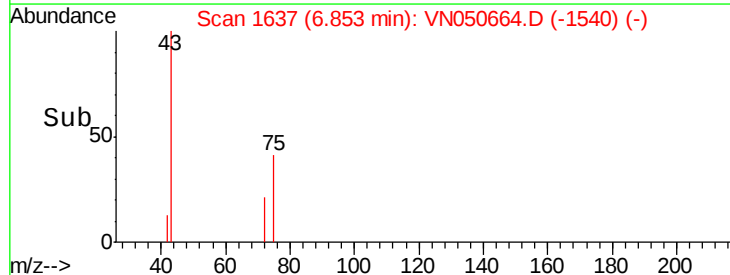
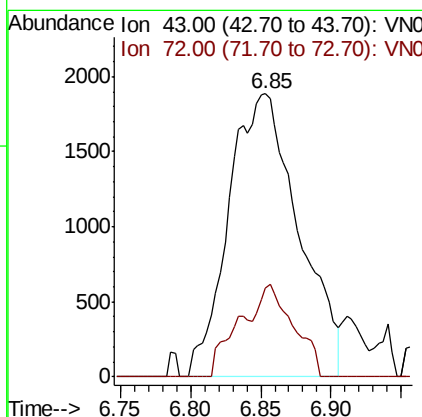
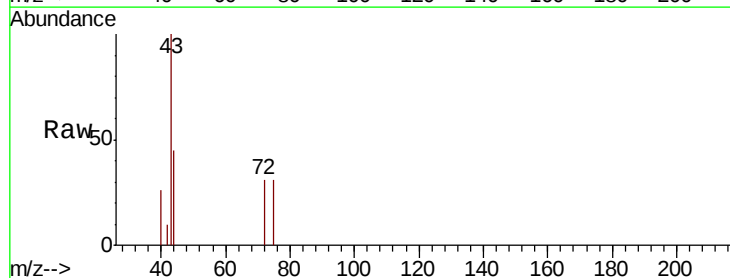
Instrument :
MSVOA_N
ClientSampleId :
PB1112055ZHE#04

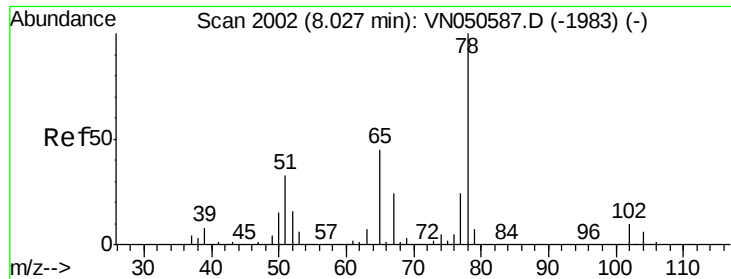
Tot Ion: 43 Resp: 14758
Ion Ratio Lower Upper
43 100
74 8.4 19.7 29.5#



#25
2-Butanone
Concen: 2.21 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050664.D
Acq: 15 Aug 2018 18:56

Tgt Ion: 43 Resp: 6528
Ion Ratio Lower Upper
43 100
72 31.3 21.8 32.6

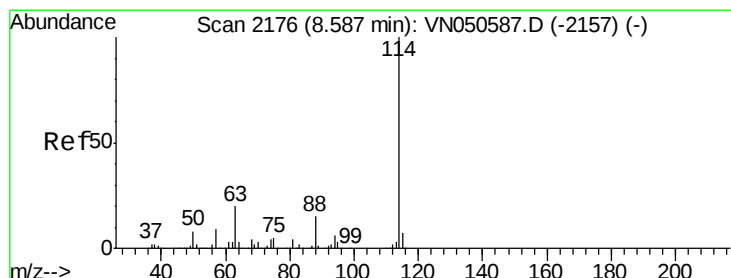
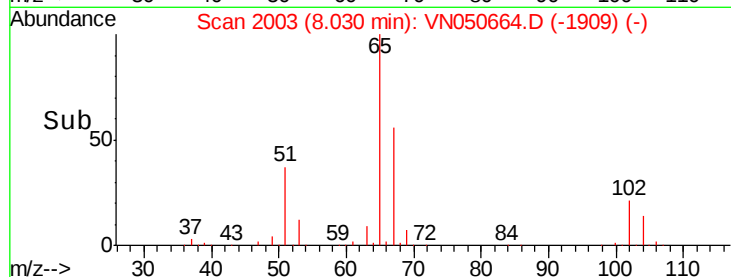
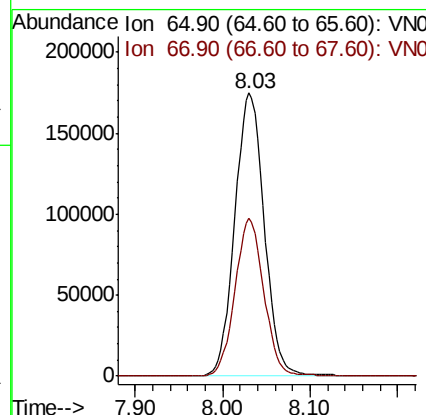
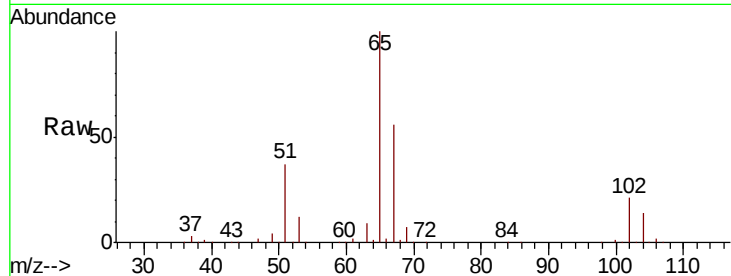




#33
 1,2-Dichloroethane-d4
 Concen: 56.73 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050664.D
 Acq: 15 Aug 2018 18:56

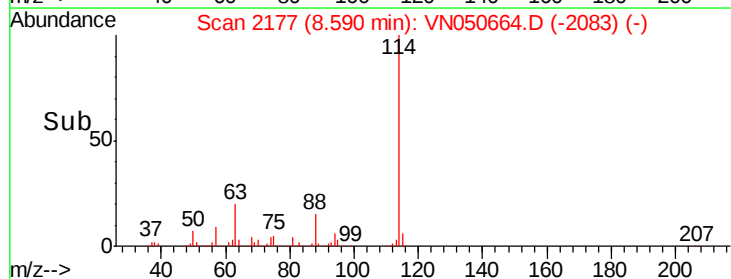
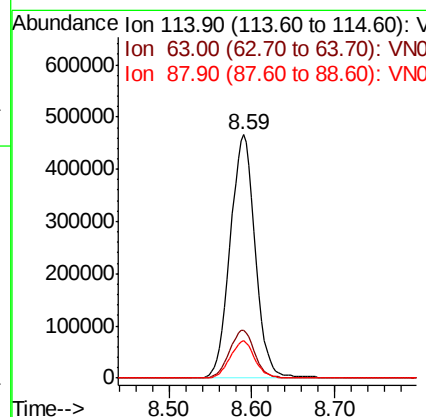
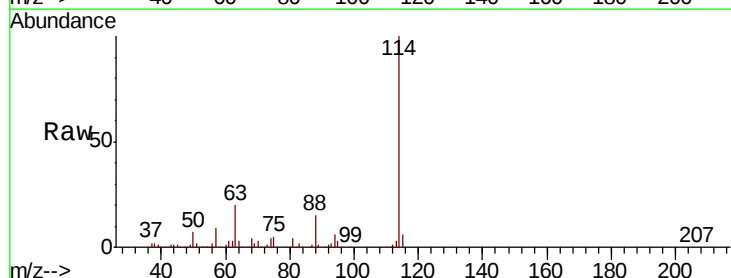
Instrument :
 MSVOA_N
 ClientSampleId :
 PB1112055ZHE#04

Tot Ion: 65 Resp: 409139
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050664.D
 Acq: 15 Aug 2018 18:56

Tgt Ion: 114 Resp: 978164
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.2 0.0 30.8

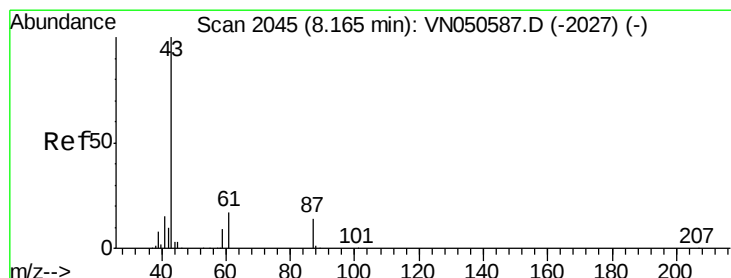
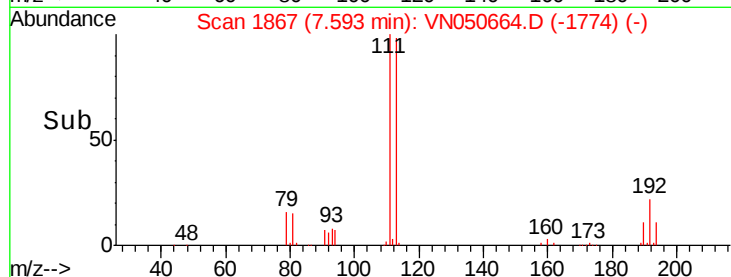
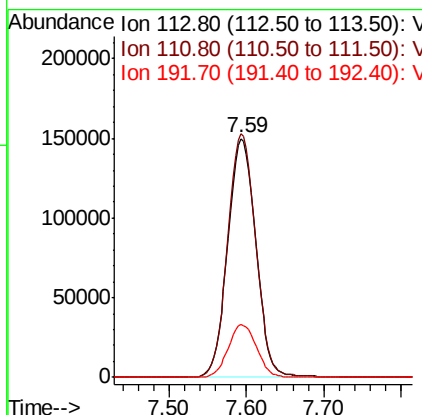
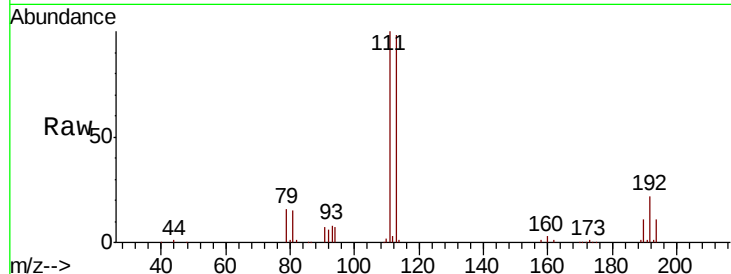




#35
 Dibromofluoromethane
 Concen: 48.45 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050664.D
 Acq: 15 Aug 2018 18:56

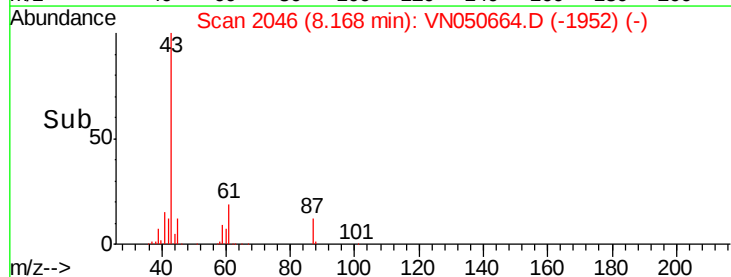
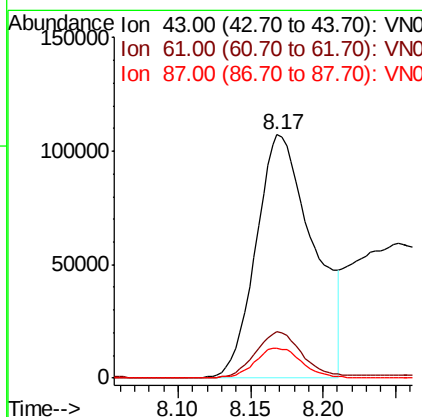
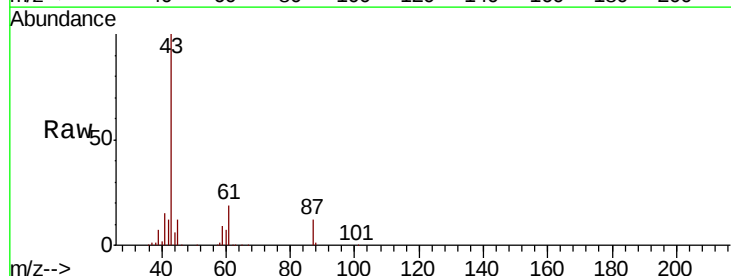
Instrument :
 MSVOA_N
 ClientSampleId :
 PB1112055ZHE#04

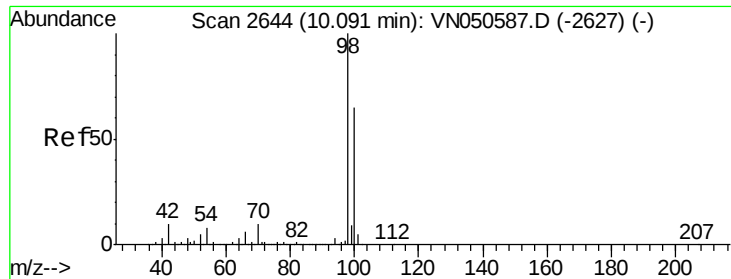
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.6
192	22.1	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 26.20 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050664.D
 Acq: 15 Aug 2018 18:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.3	16.2	24.2
87	10.3	10.9	16.3#





#50

Toluene-d8

Concen: 44.98 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050664.D

Acq: 15 Aug 2018 18:56

Instrument :

MSVOA_N

ClientSampleId :

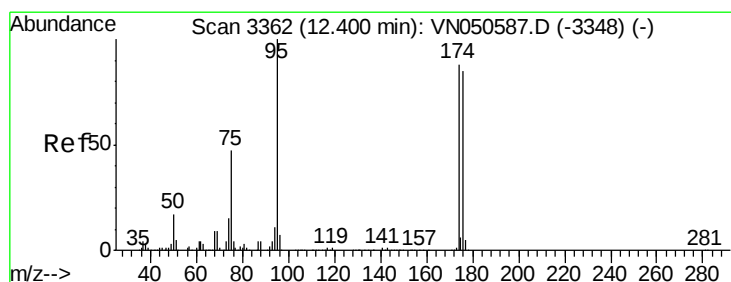
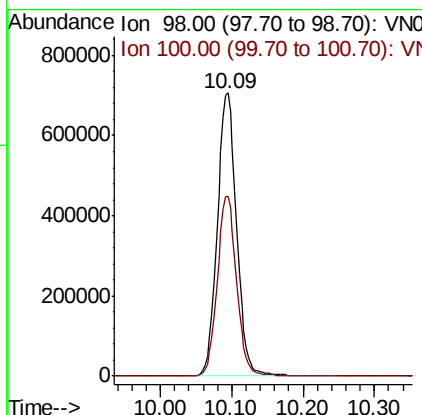
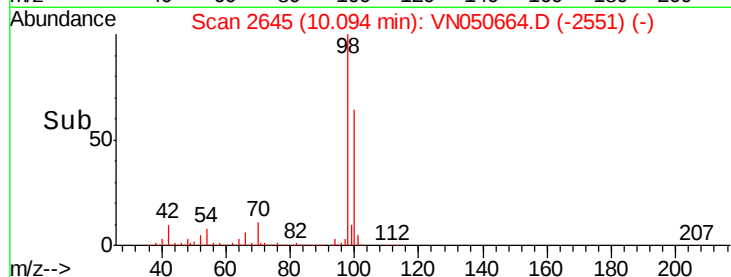
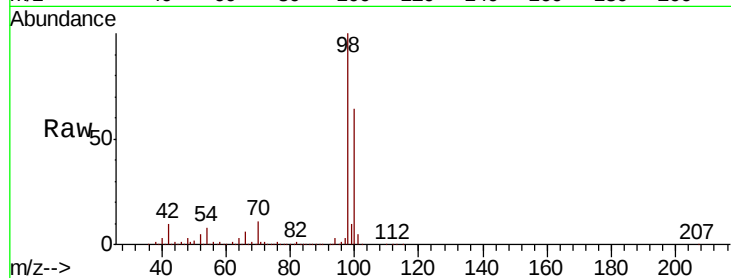
PB1112055ZHE#04

Tot Ion: 98 Resp: 1322070

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.98 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050664.D

Acq: 15 Aug 2018 18:56

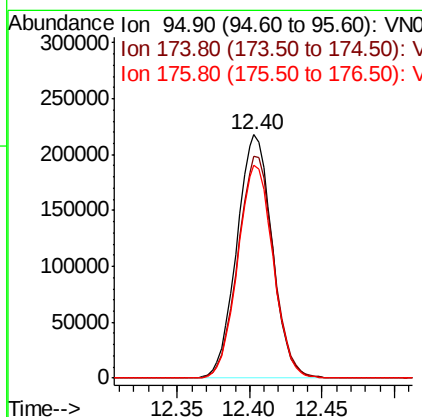
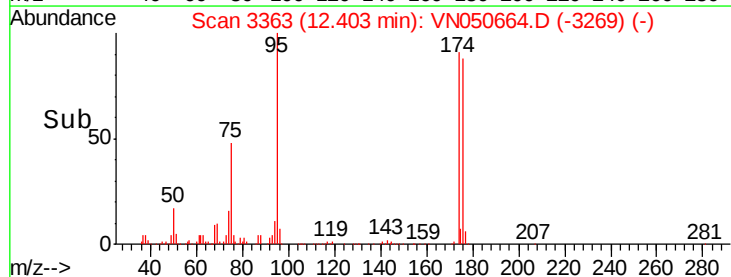
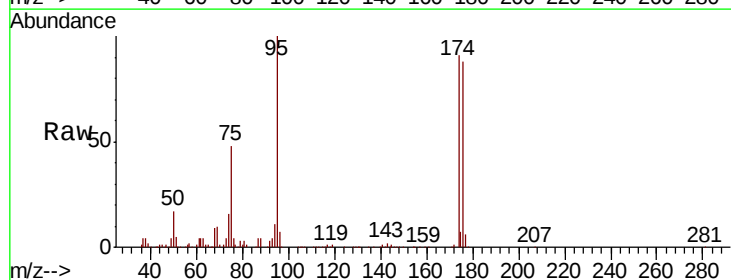
Tgt Ion: 95 Resp: 368756

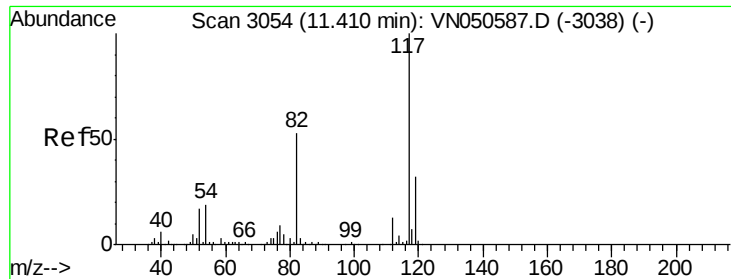
Ion Ratio Lower Upper

95 100

174 91.9 0.0 177.8

176 87.8 0.0 175.0

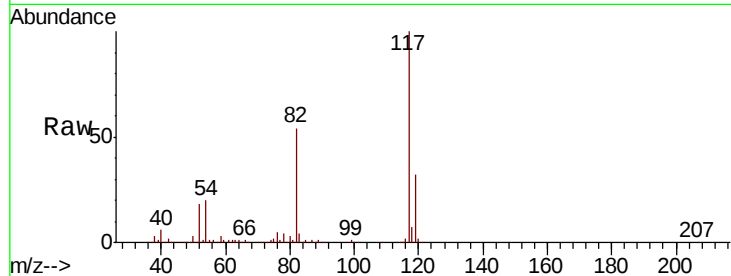




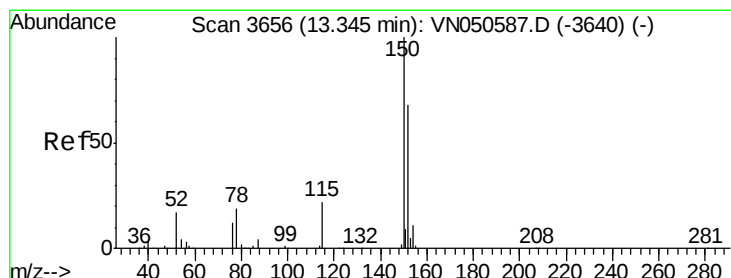
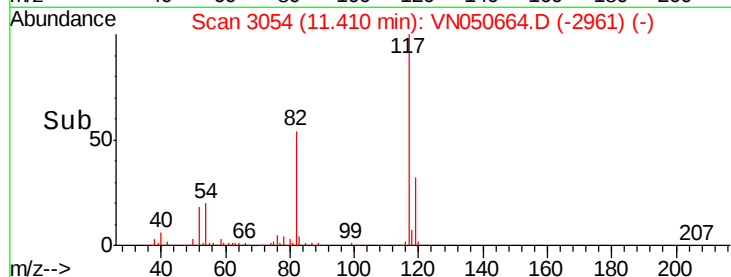
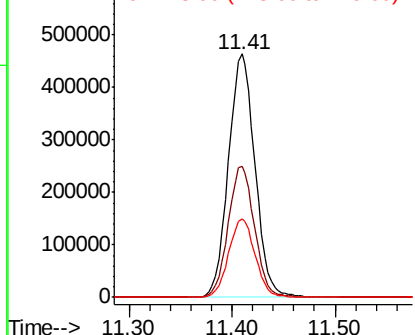
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050664.D
Acq: 15 Aug 2018 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB1112055ZHE#04

Tot Ion:117 Resp: 830538
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 32.1 25.8 38.8

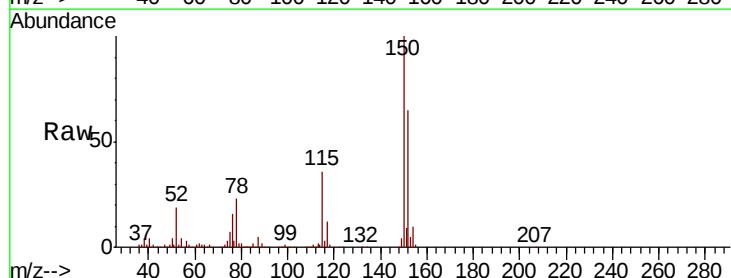


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050664.D
Acq: 15 Aug 2018 18:56

Tgt Ion:152 Resp: 309701
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.2
150 155.3 0.0 347.8



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

