

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050802.D
 Acq On : 22 Aug 2018 00:15
 Operator : MD\SY
 Sample : PB112227ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#08

Quant Time: Aug 22 07:56:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	597807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1007507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	879678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295760	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	401497	55.79	ug/l	0.00
Spiked Amount			Recovery	=	111.58%	
35) Dibromofluoromethane	7.59	113	379414	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	10.09	98	1382422	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.40	95	380411	38.20	ug/l	0.00
Spiked Amount			Recovery	=	76.40%	

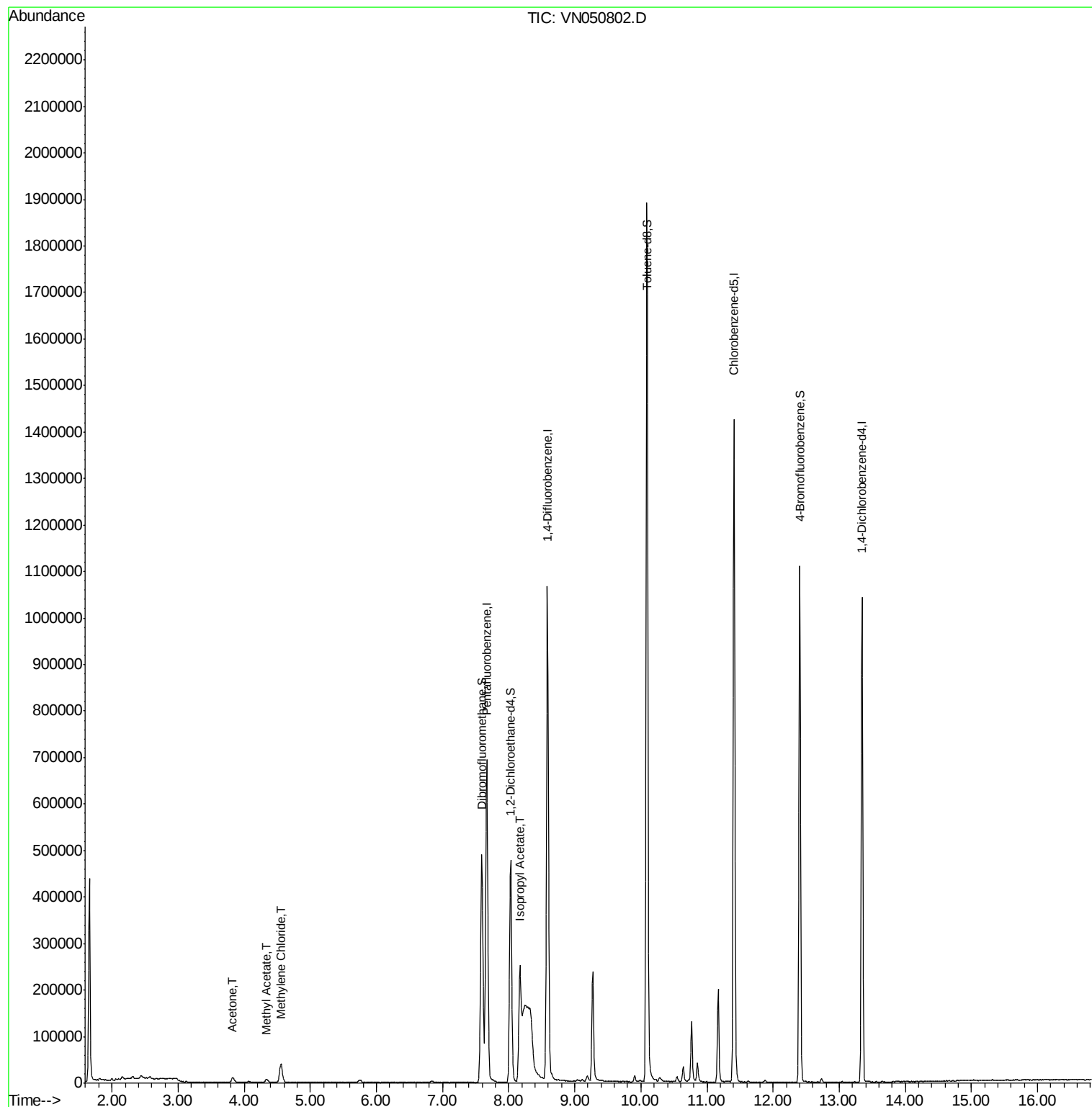
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	20124	4.88	ug/l	99
18) Methyl Acetate	4.33	43	13522	1.99	ug/l	98
20) Methylene Chloride	4.56	84	31147	3.84	ug/l	96
43) Isopropyl Acetate	8.17	43	316215	26.93	ug/l #	90

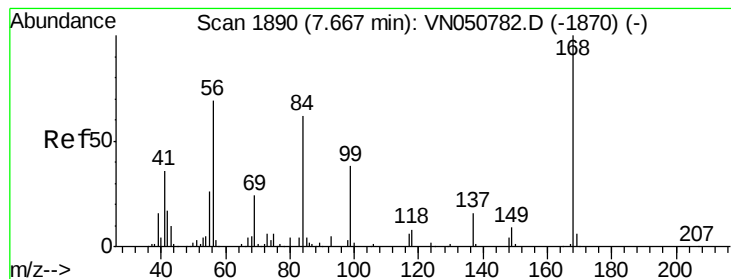
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050802.D

Acq: 22 Aug 2018 00:15

Instrument :

MSVOA_N

ClientSampleId :

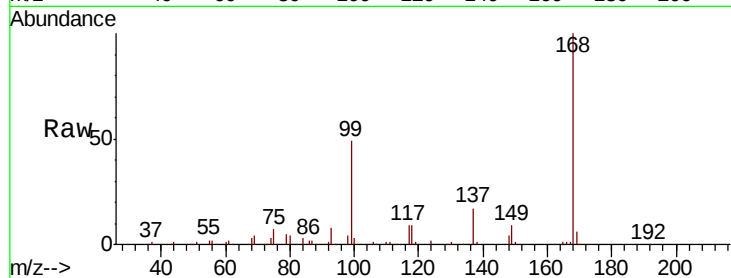
PB112227ZHE#08

Tot Ion:168 Resp: 597807

Ion Ratio Lower Upper

168 100

99 49.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050802.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050802.D (-1797) (-)

7.67

250000

200000

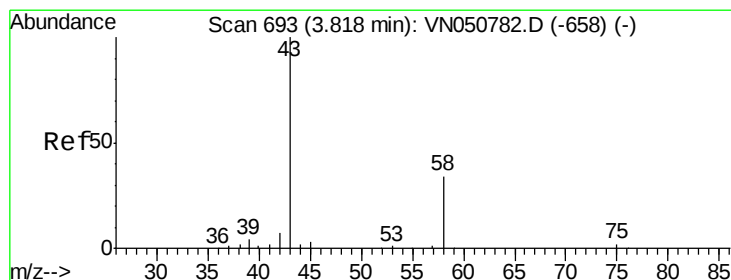
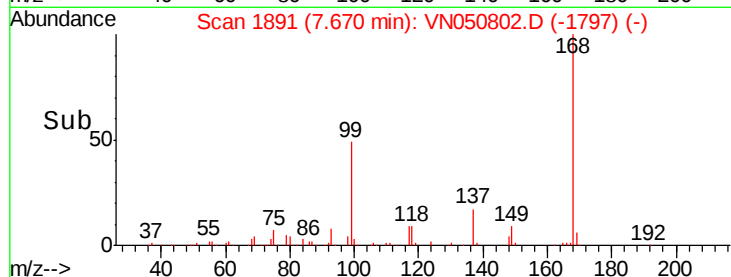
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.88 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050802.D

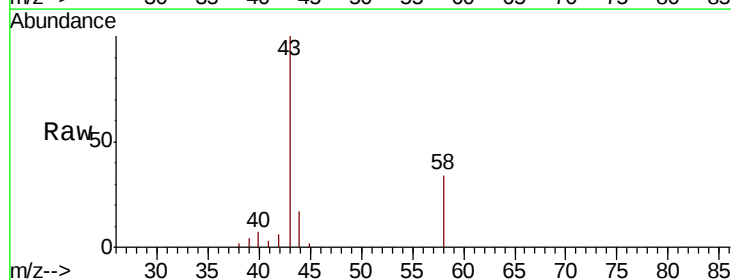
Acq: 22 Aug 2018 00:15

Tgt Ion: 43 Resp: 20124

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050802.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050802.D (-600) (-)

3.82

8000

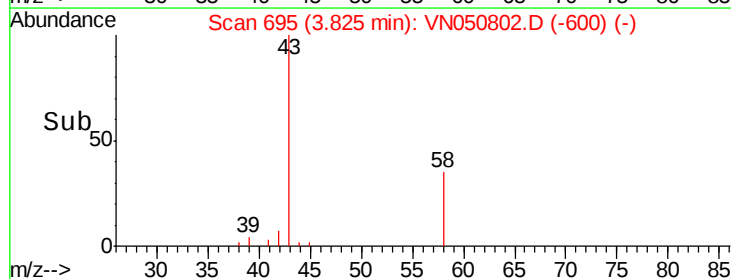
6000

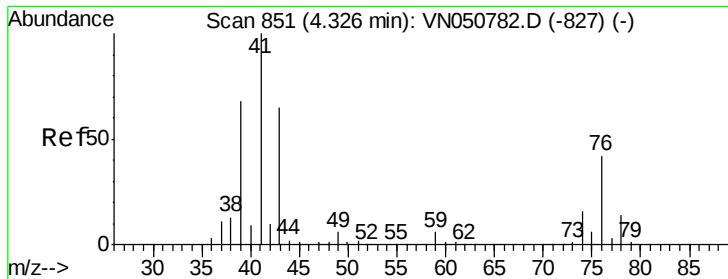
4000

2000

0

Time-->

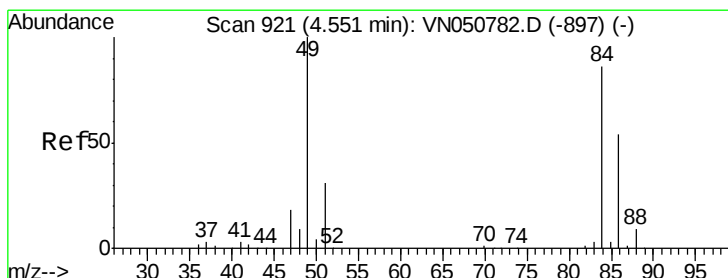
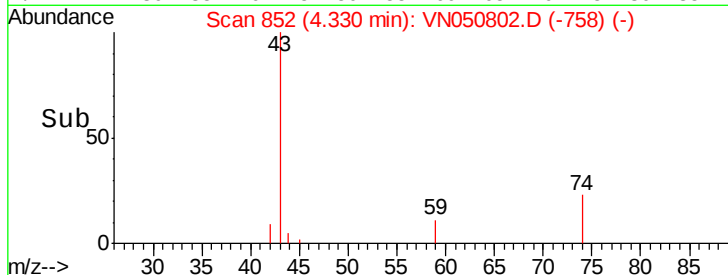
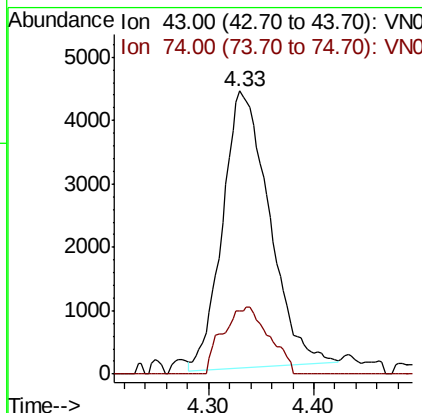
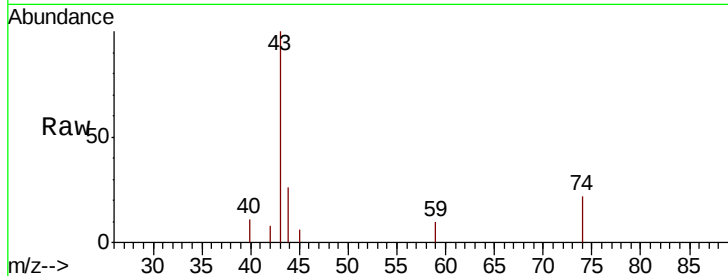




#18
Methyl Acetate
Concen: 1.99 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050802.D
Acq: 22 Aug 2018 00:15

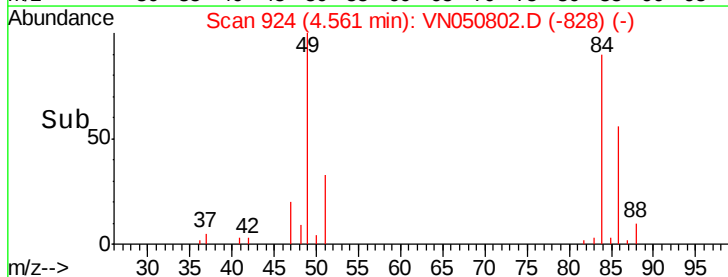
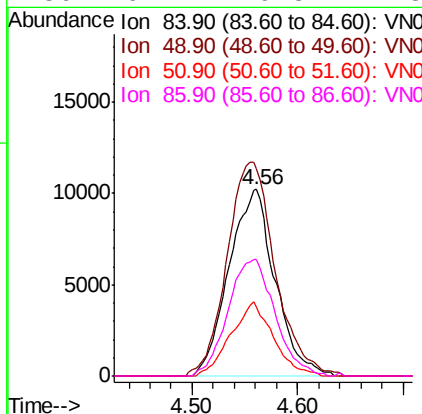
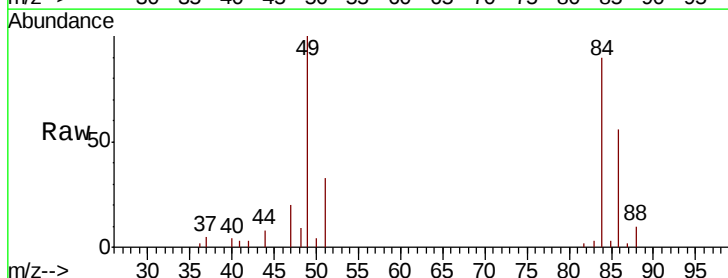
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#08

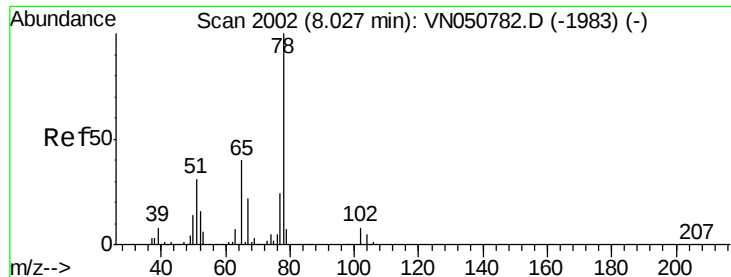
Tot Ion: 43 Resp: 13522
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.8



#20
Methylene Chloride
Concen: 3.84 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN050802.D
Acq: 22 Aug 2018 00:15

Tgt Ion: 84 Resp: 31147
Ion Ratio Lower Upper
84 100
49 109.4 93.2 139.8
51 37.0 29.0 43.6
86 62.4 49.8 74.8

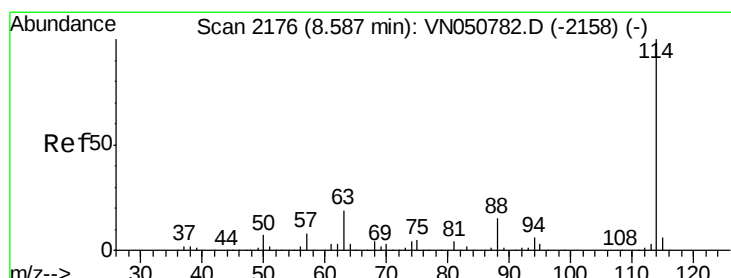
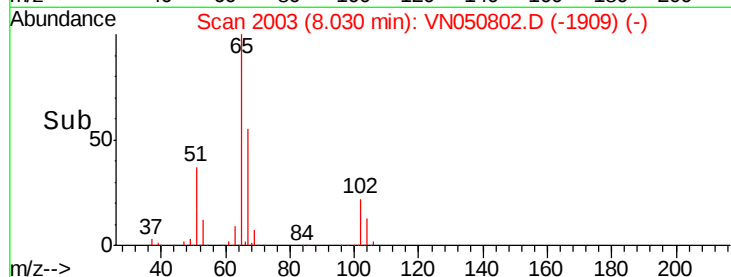
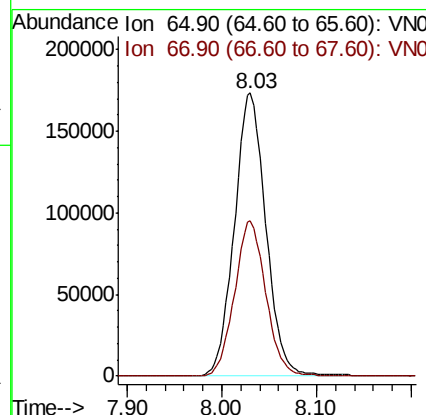
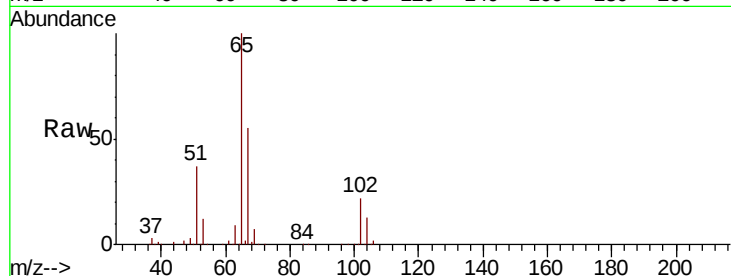




#33
 1,2-Dichloroethane-d4
 Concen: 55.79 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050802.D
 Acq: 22 Aug 2018 00:15

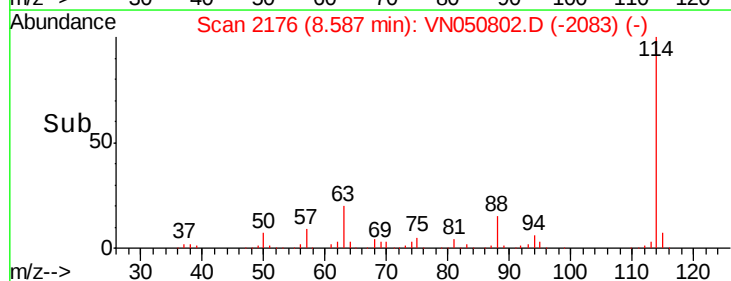
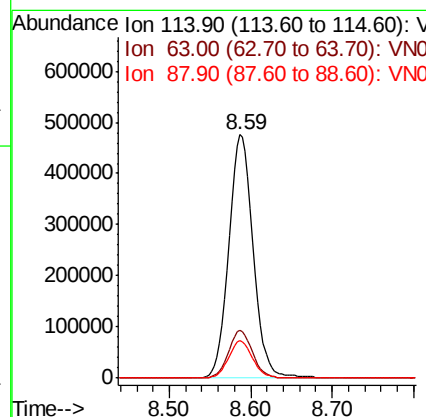
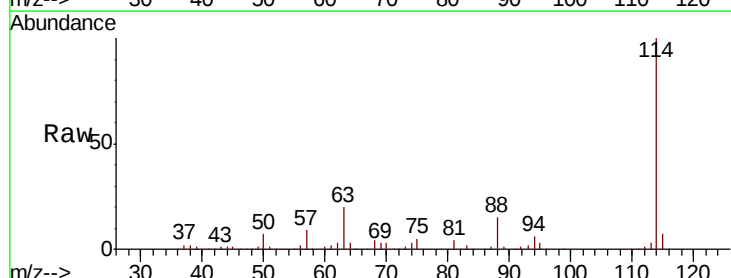
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#08

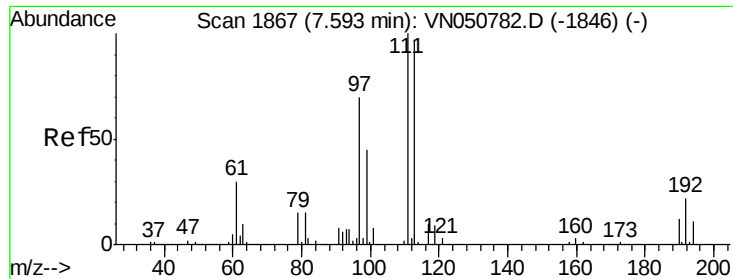
Tot Ion: 65 Resp: 401497
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050802.D
 Acq: 22 Aug 2018 00:15

Tgt Ion: 114 Resp: 1007507
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.3 0.0 30.6

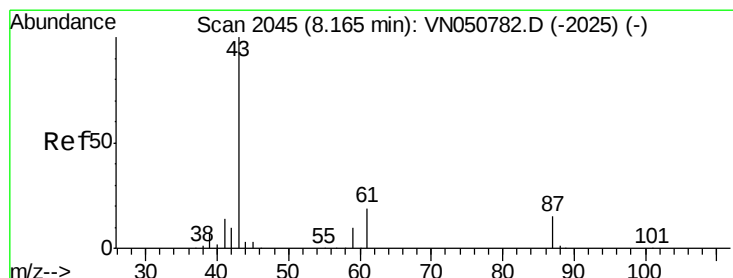
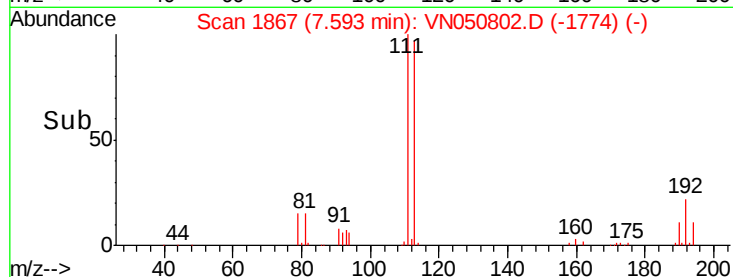
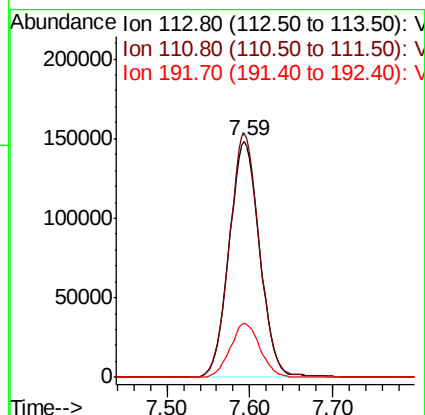
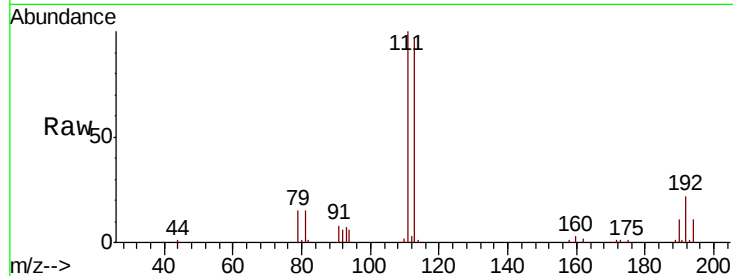




#35
 Dibromofluoromethane
 Concen: 47.34 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050802.D
 Acq: 22 Aug 2018 00:15

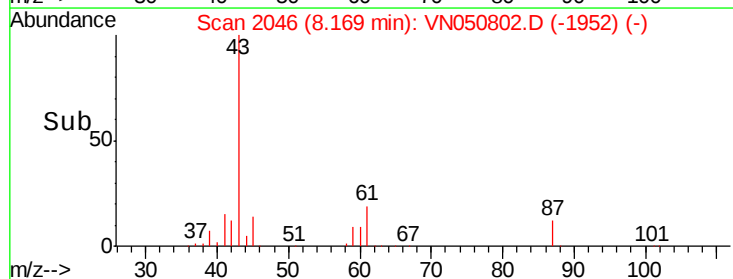
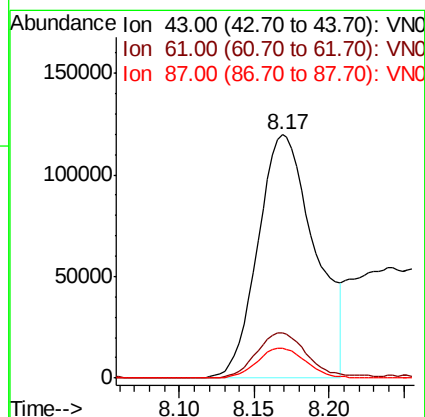
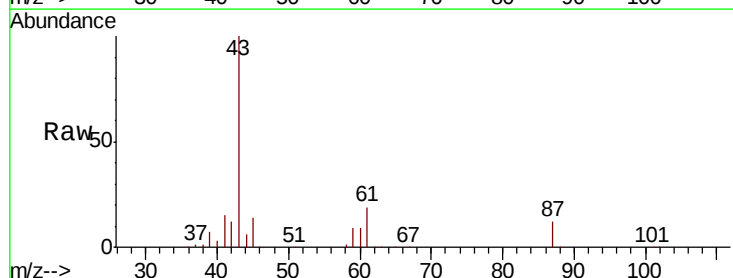
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#08

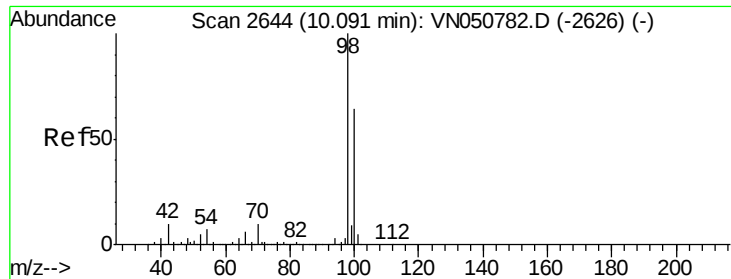
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	22.5	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 26.93 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050802.D
 Acq: 22 Aug 2018 00:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	17.5	26.3#
87	10.9	11.3	16.9#





#50

Toluene-d8

Concen: 46.13 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050802.D

Acq: 22 Aug 2018 00:15

Instrument :

MSVOA_N

ClientSampleId :

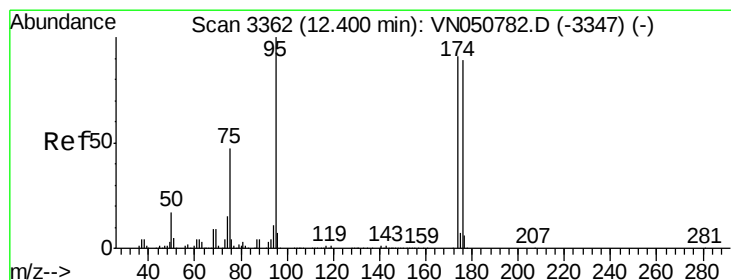
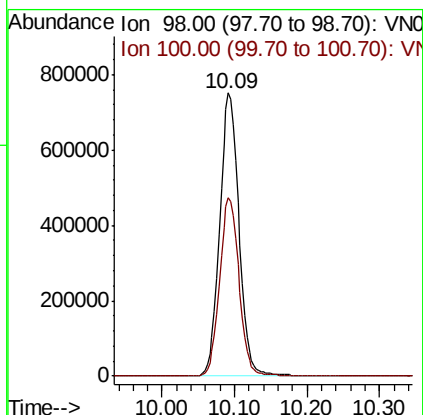
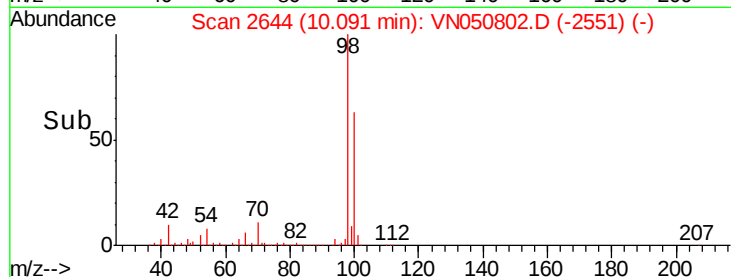
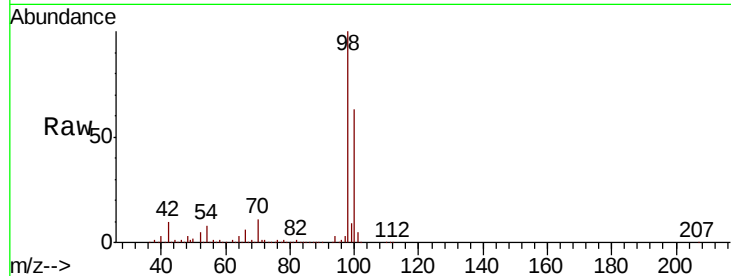
PB112227ZHE#08

Tot Ion: 98 Resp: 1382422

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 38.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050802.D

Acq: 22 Aug 2018 00:15

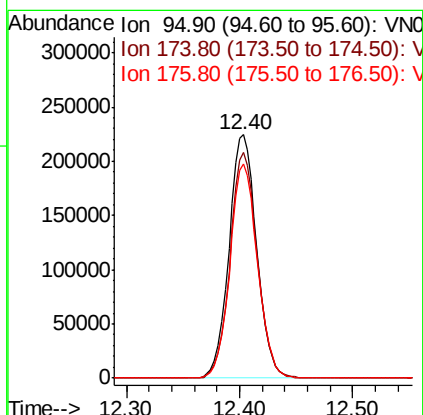
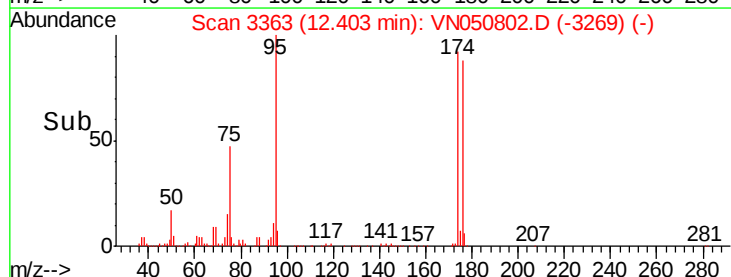
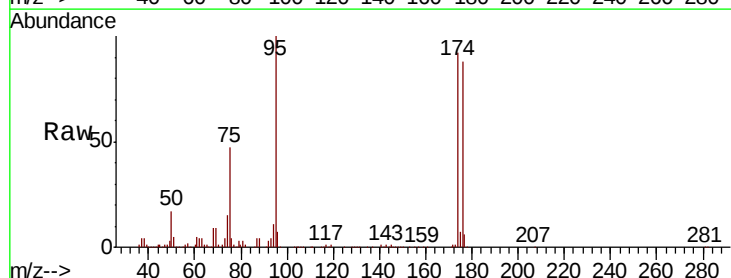
Tgt Ion: 95 Resp: 380411

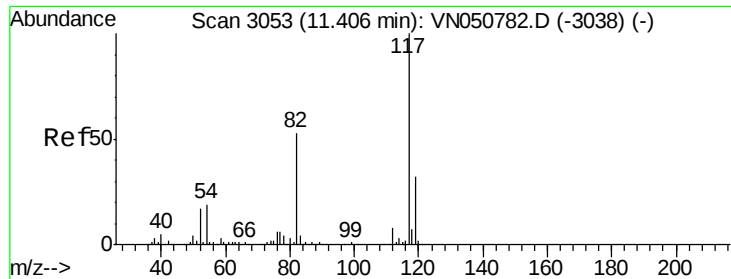
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.0

176 87.5 0.0 178.8

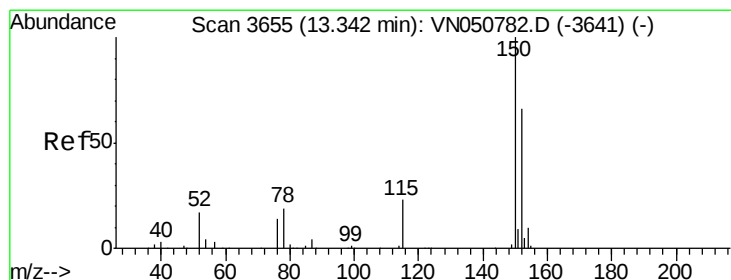
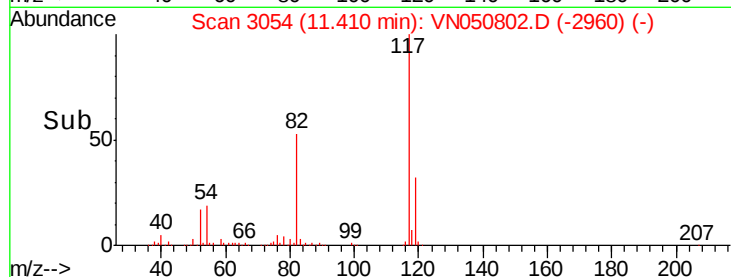
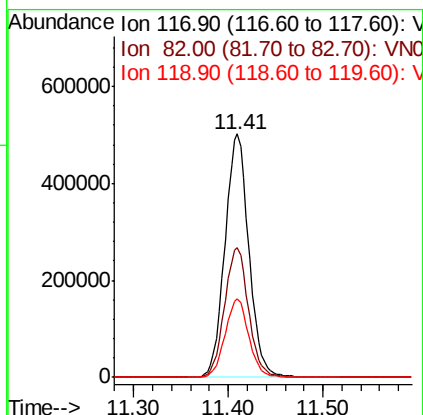
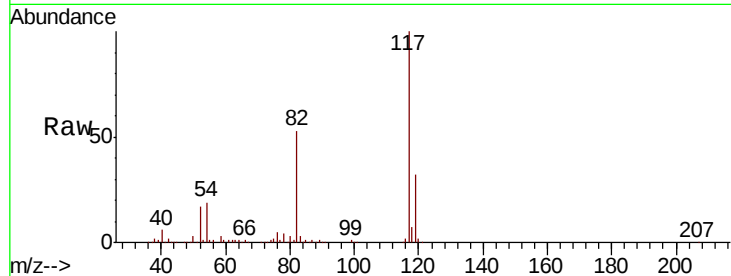




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050802.D
 Acq: 22 Aug 2018 00:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#08

Tot Ion:117 Resp: 879678
 Ion Ratio Lower Upper
 117 100
 82 53.1 42.6 64.0
 119 32.3 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN050802.D
 Acq: 22 Aug 2018 00:15

Tgt Ion:152 Resp: 295760
 Ion Ratio Lower Upper
 152 100
 115 57.2 27.8 83.4
 150 157.3 0.0 351.4

