

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050800.D
 Acq On : 21 Aug 2018 23:25
 Operator : MD\SY
 Sample : PB112227ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#06

Quant Time: Aug 22 07:44:01 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	635636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1037799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	917136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311466	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	418792	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	
35) Dibromofluoromethane	7.59	113	394074	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	10.09	98	1438650	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
62) 4-Bromofluorobenzene	12.40	95	396087	38.61	ug/l	0.00
Spiked Amount			Recovery	=	77.22%	

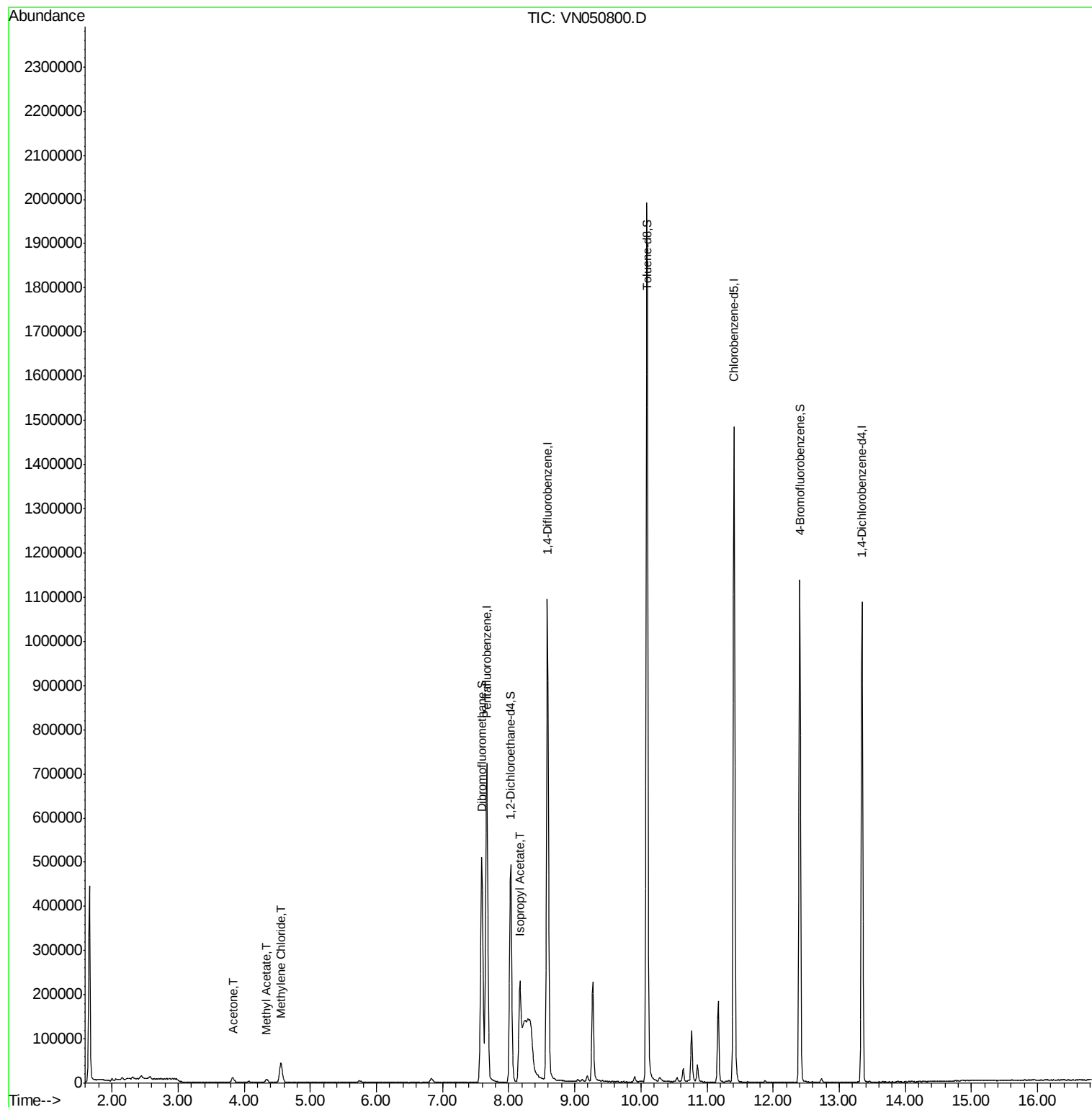
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19843	4.00	ug/l	99
18) Methyl Acetate	4.33	43	13388	1.85	ug/l	100
20) Methylene Chloride	4.55	84	34674	4.02	ug/l	94
43) Isopropyl Acetate	8.17	43	311041	25.72	ug/l #	89

(#) = 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: VN050800.D

Acq: 21 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

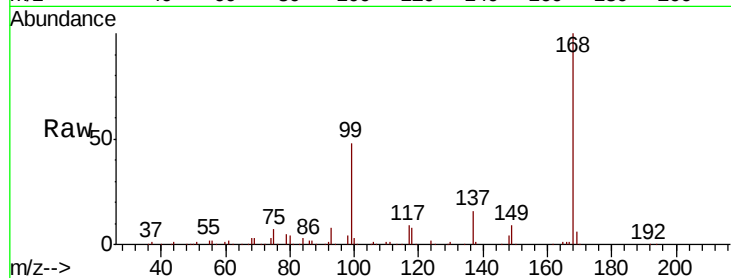
PB112227ZHE#06

Tot Ion:168 Resp: 635636

Ion Ratio Lower Upper

168 100

99 48.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050800.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050800.D (-1797) (-)

7.67

250000

200000

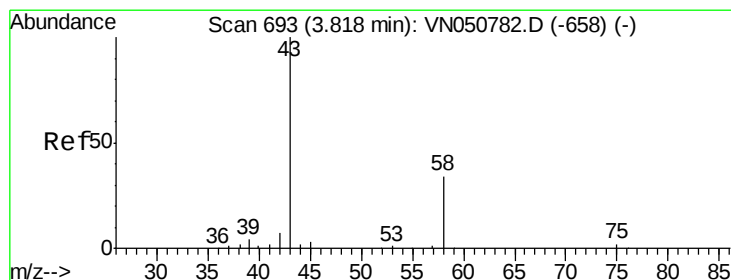
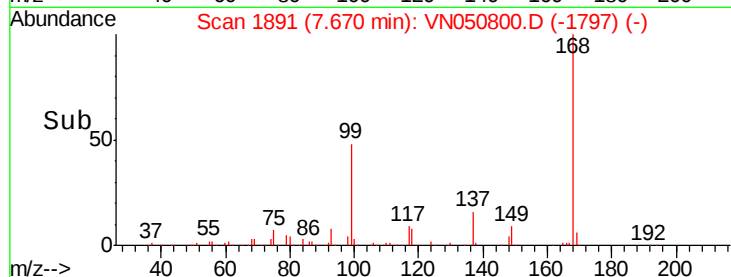
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 4.00 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050800.D

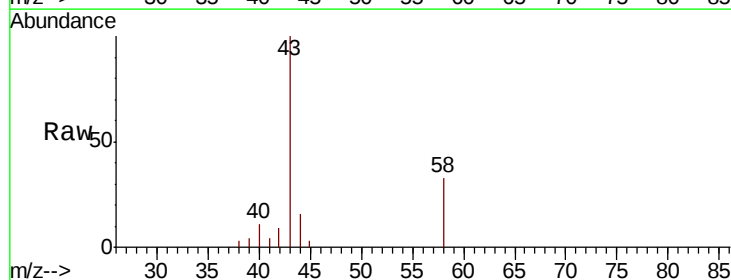
Acq: 21 Aug 2018 23:25

Tgt Ion: 43 Resp: 19843

Ion Ratio Lower Upper

43 100

58 33.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050800.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050800.D (-600) (-)

3.83

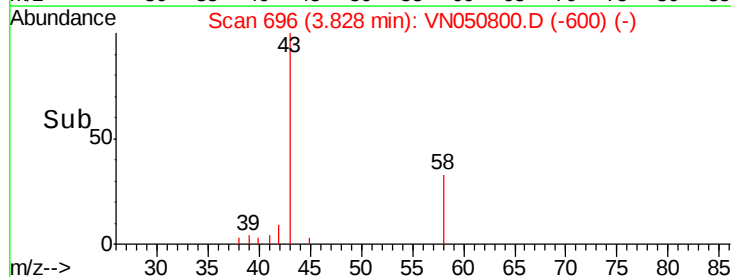
6000

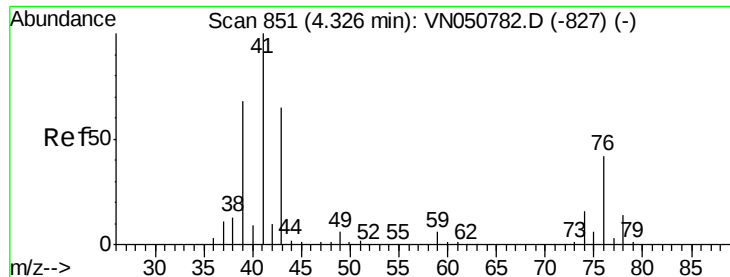
4000

2000

0

Time--> 3.70 3.80 3.90

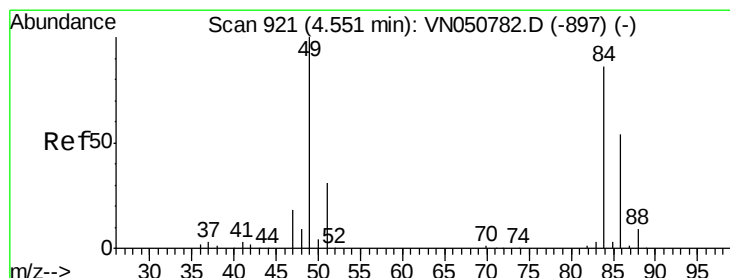
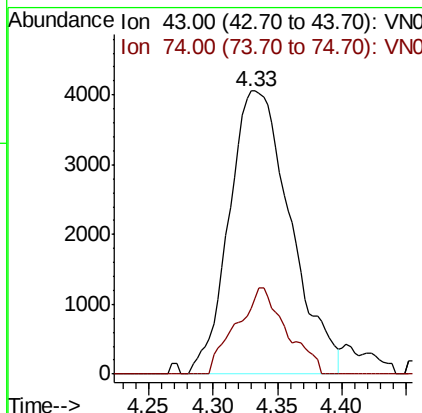
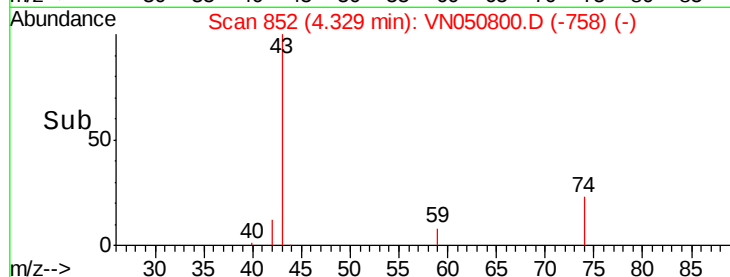
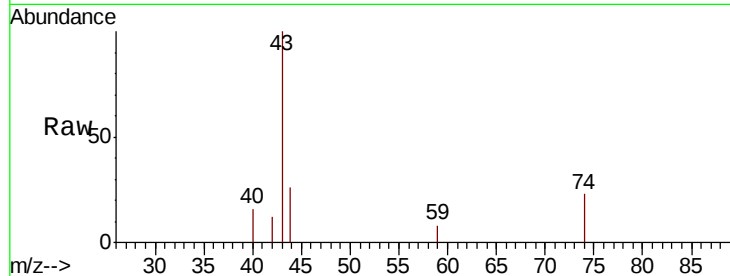




#18
Methyl Acetate
Concen: 1.85 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050800.D
Acq: 21 Aug 2018 23:25

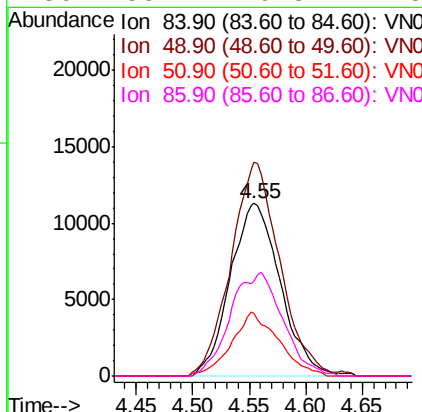
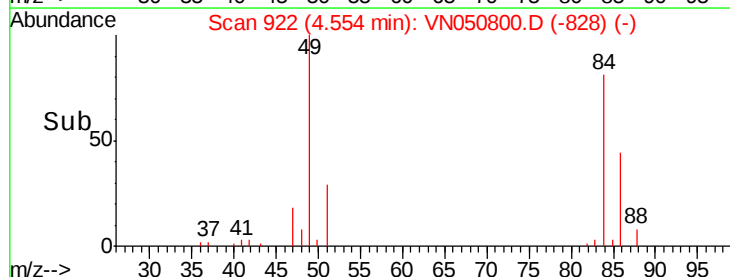
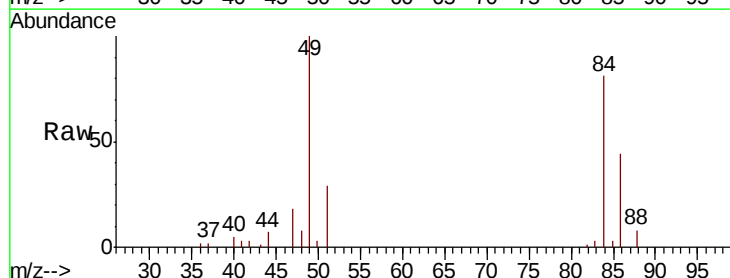
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#06

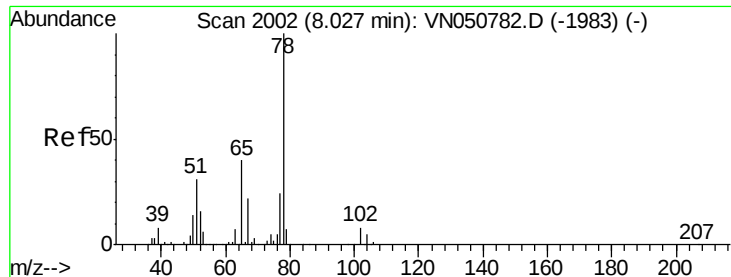
Tot Ion: 43 Resp: 13388
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8



#20
Methylene Chloride
Concen: 4.02 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050800.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 84 Resp: 34674
Ion Ratio Lower Upper
84 100
49 123.9 93.2 139.8
51 36.1 29.0 43.6
86 55.1 49.8 74.8

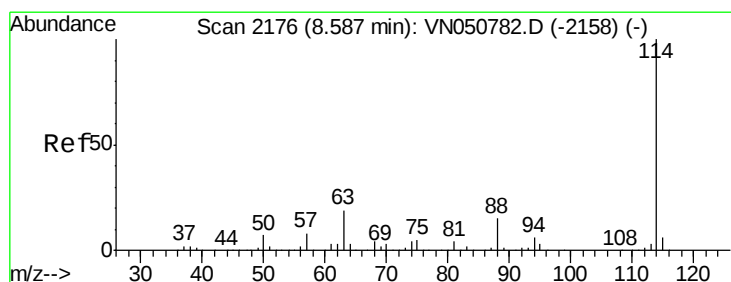
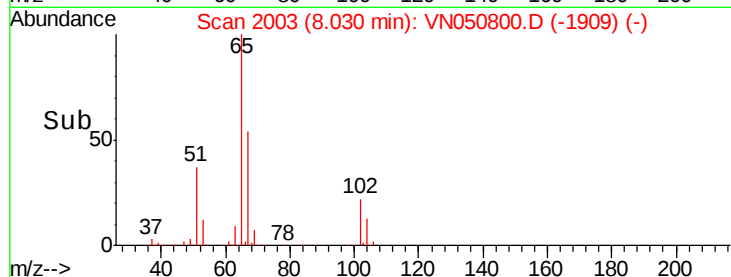
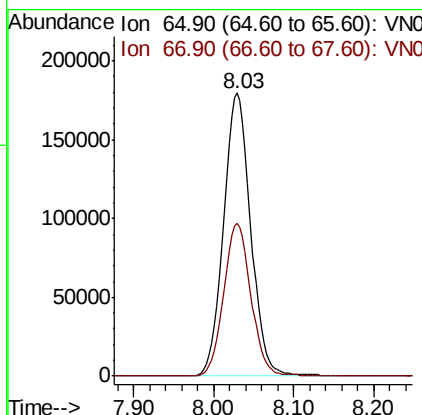
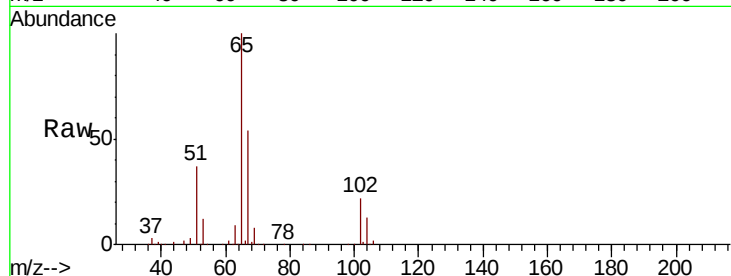




#33
 1,2-Dichloroethane-d4
 Concen: 54.73 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050800.D
 Acq: 21 Aug 2018 23:25

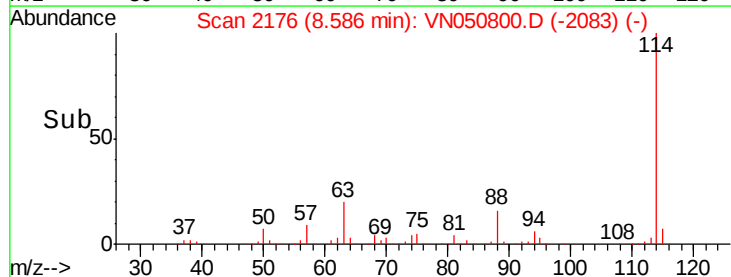
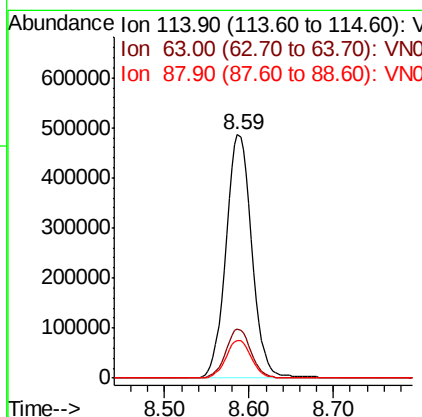
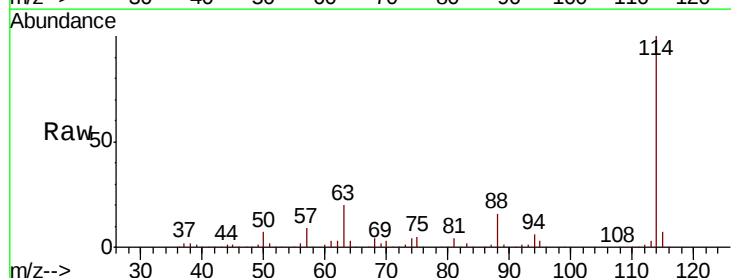
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#06

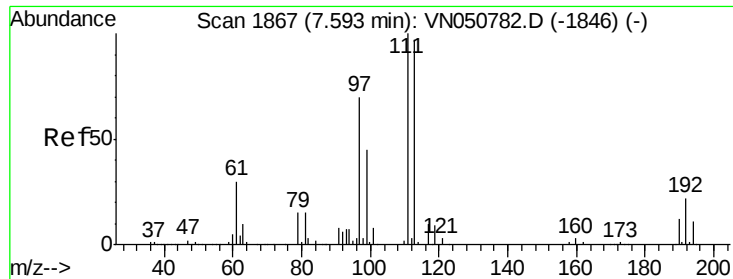
Tot Ion: 65 Resp: 418792
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050800.D
 Acq: 21 Aug 2018 23:25

Tgt Ion: 114 Resp: 1037799
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.5 0.0 30.6

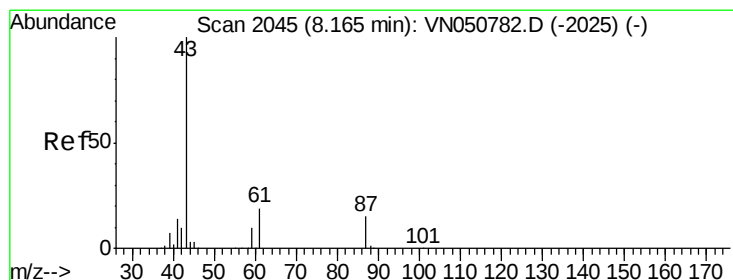
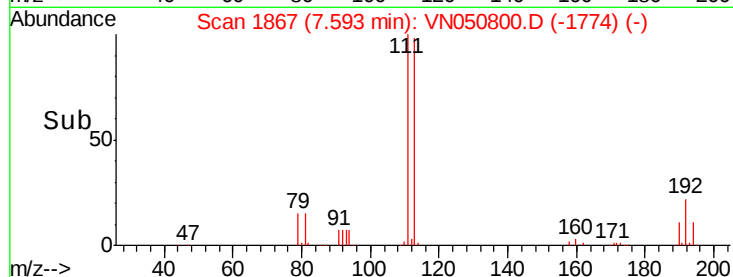
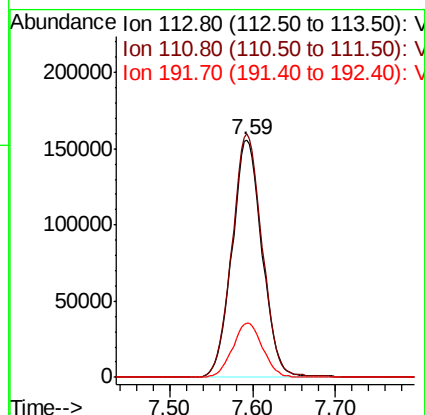
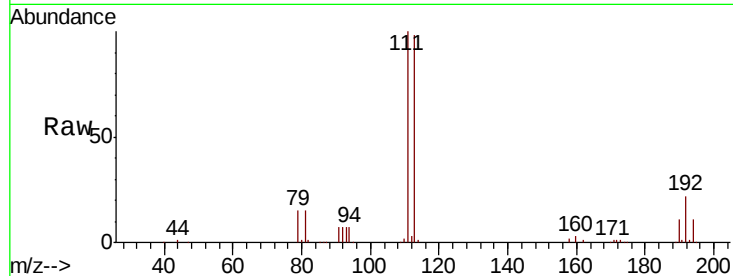




#35
 Dibromofluoromethane
 Concen: 47.73 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050800.D
 Acq: 21 Aug 2018 23:25

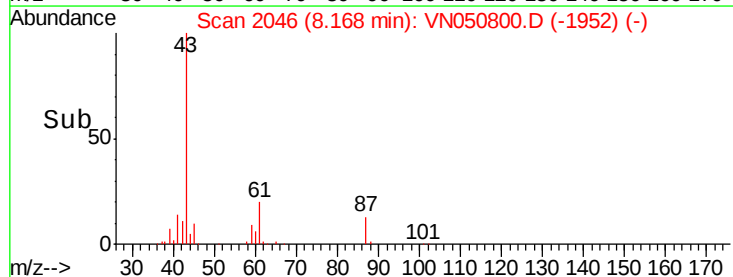
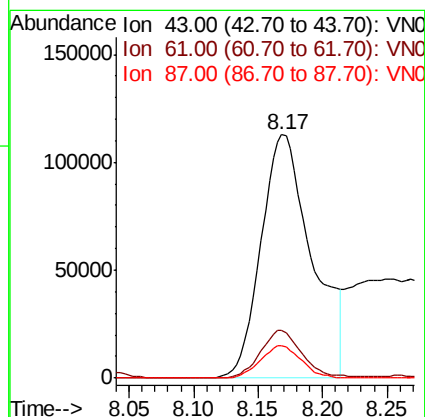
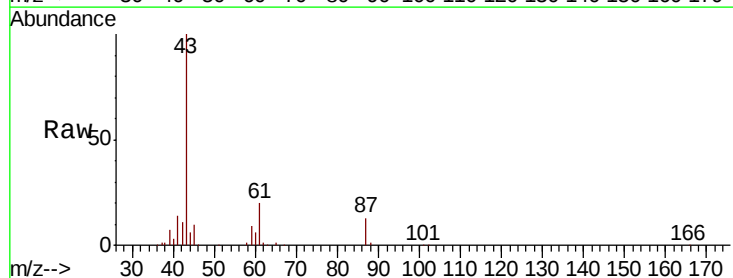
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#06

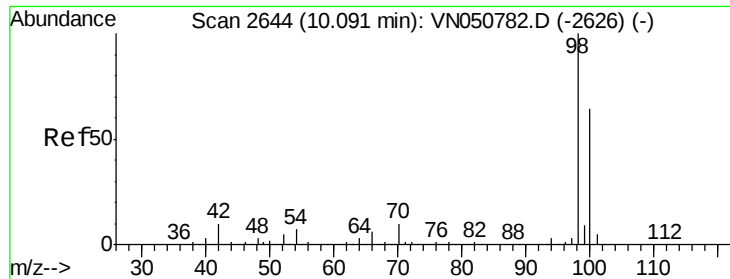
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	22.9	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 25.72 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050800.D
 Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	17.5	26.3#
87	10.7	11.3	16.9#





#50

Toluene-d8

Concen: 46.61 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050800.D

Acq: 21 Aug 2018 23:25

Instrument :

MSVOA_N

ClientSampleId :

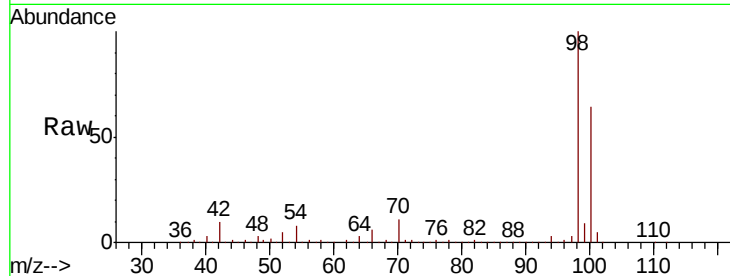
PB112227ZHE#06

Tot Ion: 98 Resp: 1438650

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

10.09

800000

600000

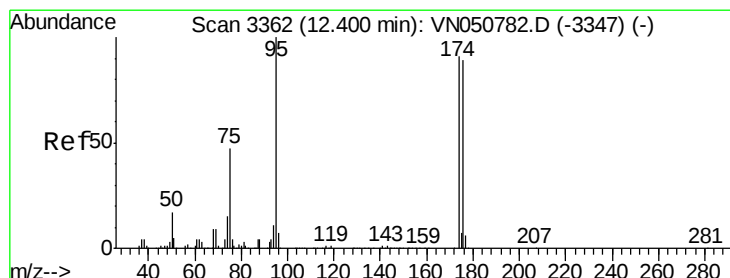
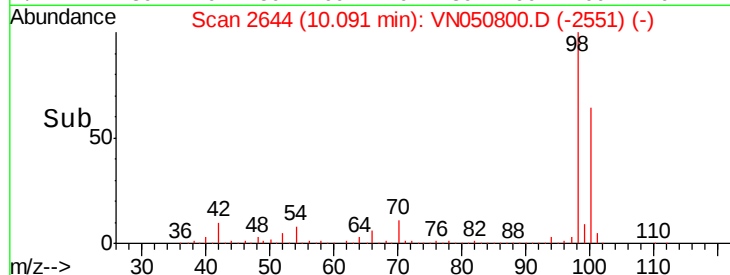
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 38.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050800.D

Acq: 21 Aug 2018 23:25

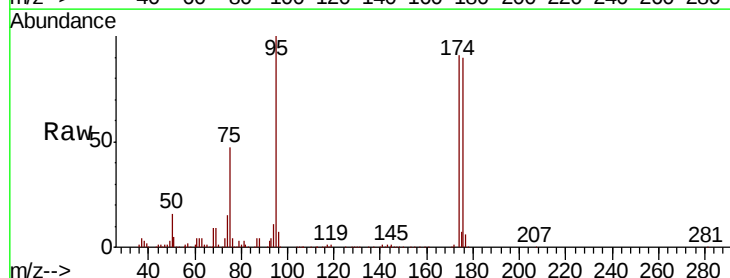
Tgt Ion: 95 Resp: 396087

Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.0

176 89.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

300000

250000

200000

150000

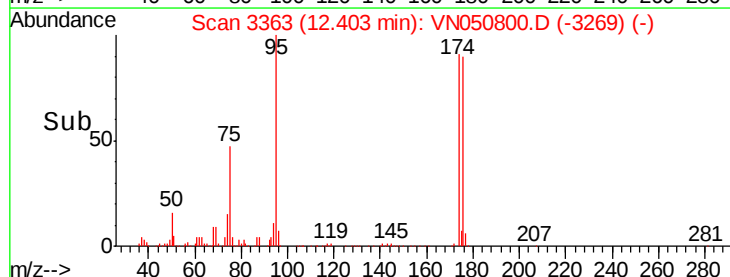
100000

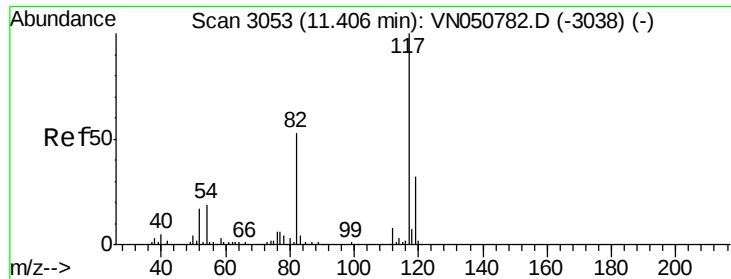
50000

0

12.30 12.40 12.50

Time-->

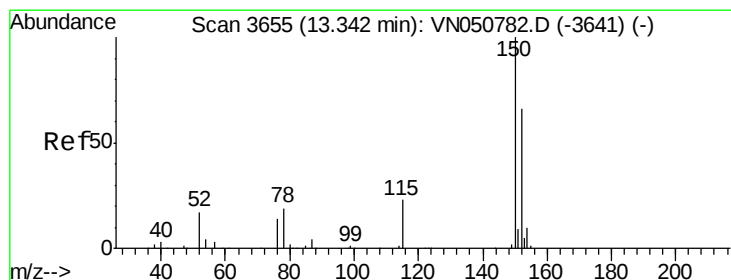
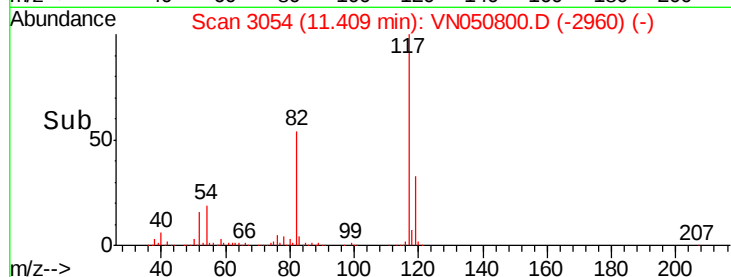
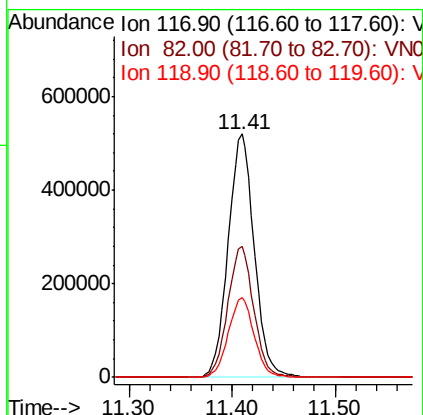
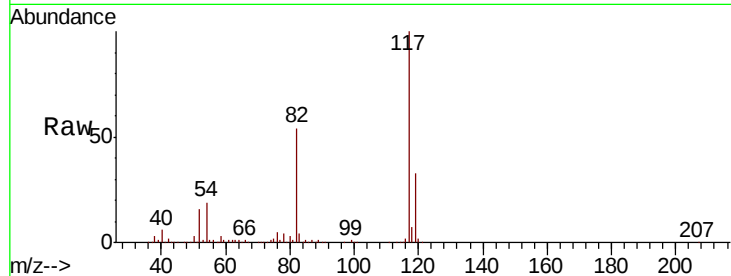




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050800.D
Acq: 21 Aug 2018 23:25

Instrument :
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ClientSampleId :
PB112227ZHE#06

Tot Ion:117 Resp: 917136
Ion Ratio Lower Upper
117 100
82 53.8 42.6 64.0
119 32.6 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: VN050800.D
Acq: 21 Aug 2018 23:25

Tgt Ion:152 Resp: 311466
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 158.2 0.0 351.4

