

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050805.D
 Acq On : 22 Aug 2018 1:28
 Operator : MD\SY
 Sample : PB112227ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#11

Quant Time: Aug 22 08:09:33 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	629153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275902	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414275	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	7.59	113	392026	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.09	98	1434722	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.40	95	368447	35.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.92%	

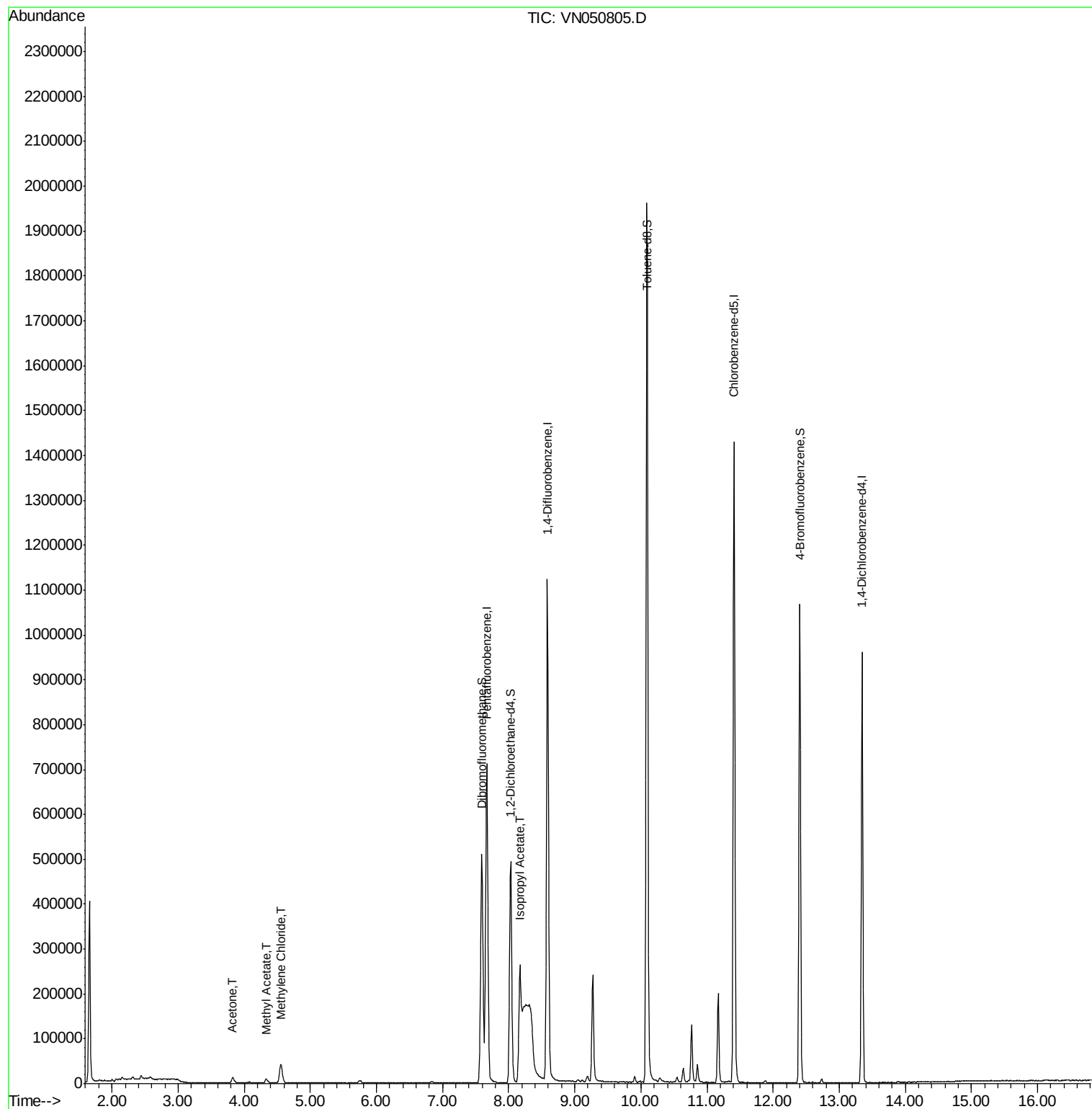
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	20959	4.76	ug/l	95
18) Methyl Acetate	4.34	43	18515	2.59	ug/l	91
20) Methylene Chloride	4.56	84	32453	3.80	ug/l	98
43) Isopropyl Acetate	8.17	43	338358	27.61	ug/l #	88

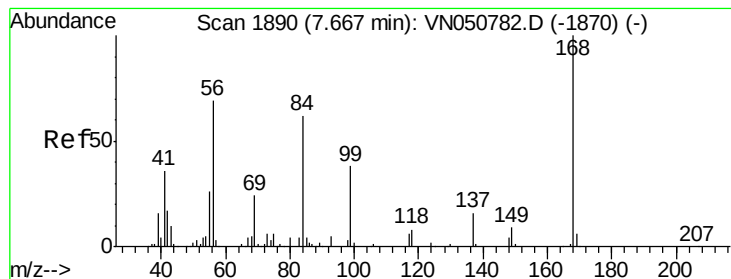
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050805.D

Acq: 22 Aug 2018 1:28

Instrument :

MSVOA_N

ClientSampleId :

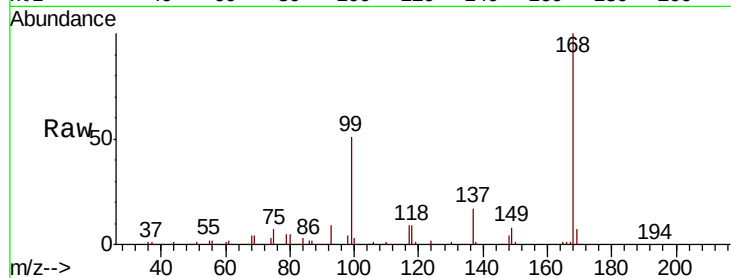
PB112227ZHE#11

Tot Ion:168 Resp: 629153

Ion Ratio Lower Upper

168 100

99 50.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050805.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050805.D (-1797) (-)

7.67

250000

200000

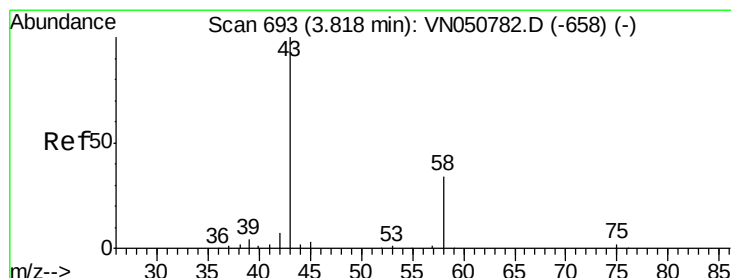
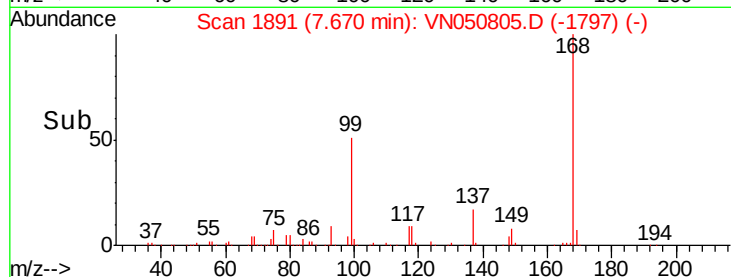
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.76 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050805.D

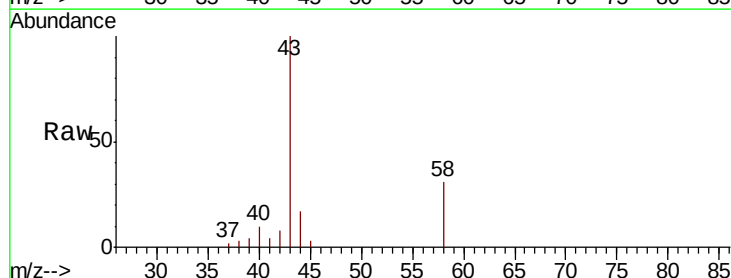
Acq: 22 Aug 2018 1:28

Tgt Ion: 43 Resp: 20959

Ion Ratio Lower Upper

43 100

58 31.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050805.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050805.D (-600) (-)

3.82

8000

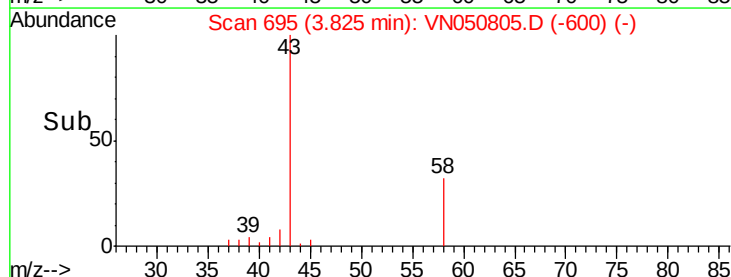
6000

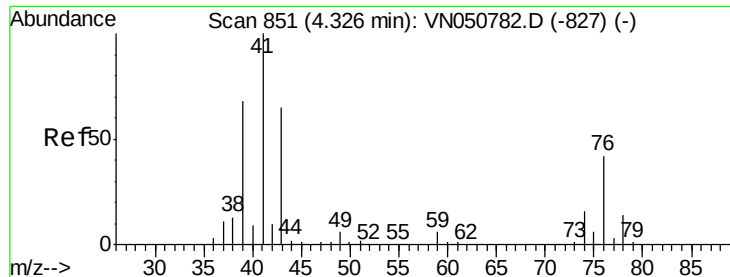
4000

2000

0

Time-->

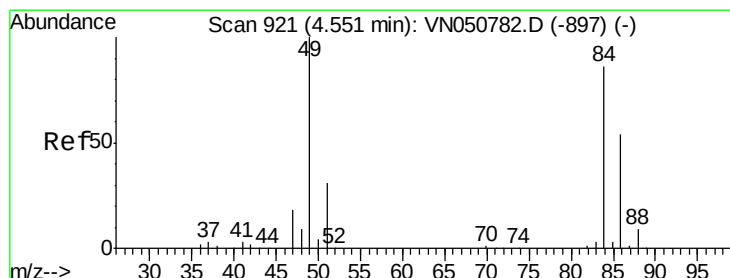
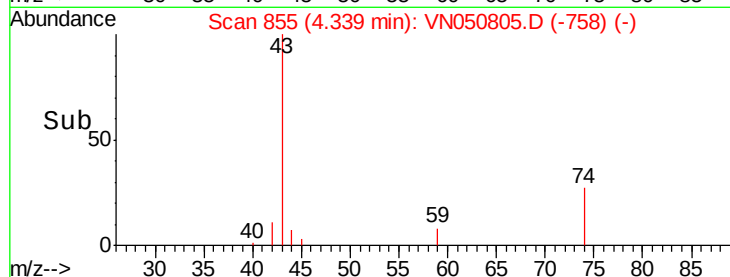
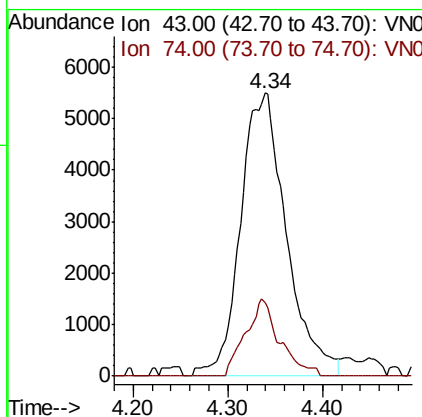
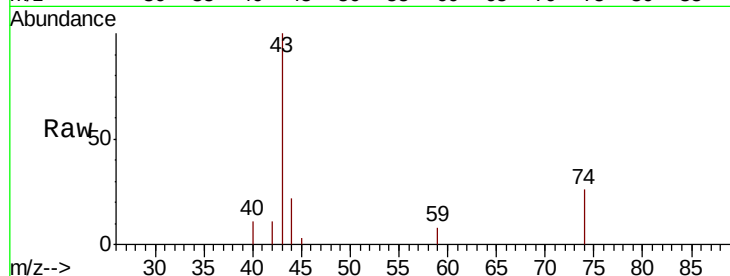




#18
Methvl Acetate
Concen: 2.59 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050805.D
Acq: 22 Aug 2018 1:28

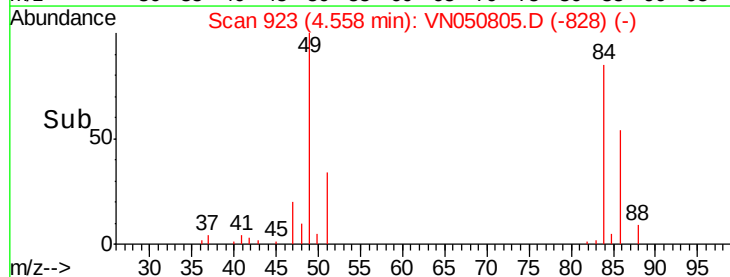
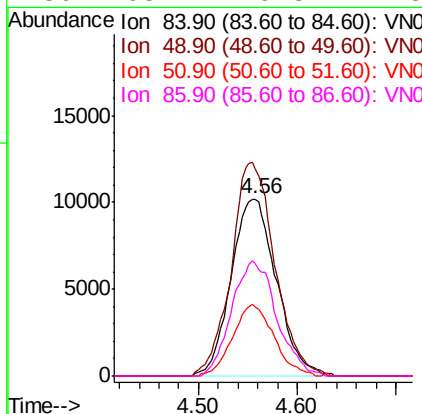
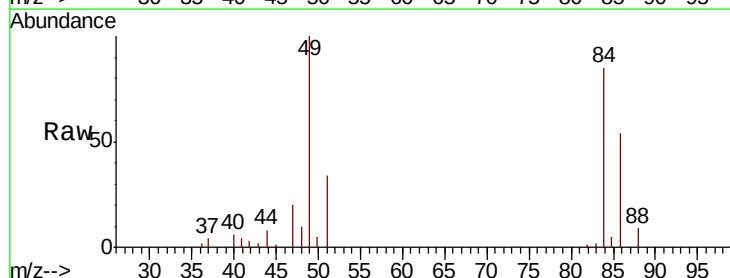
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#11

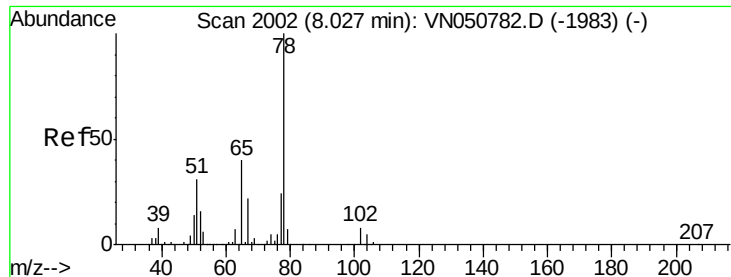
Tot Ion: 43 Resp: 18515
Ion Ratio Lower Upper
43 100
74 20.4 19.8 29.8



#20
Methylene Chloride
Concen: 3.80 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050805.D
Acq: 22 Aug 2018 1:28

Tgt Ion: 84 Resp: 32453
Ion Ratio Lower Upper
84 100
49 117.7 93.2 139.8
51 39.4 29.0 43.6
86 63.7 49.8 74.8

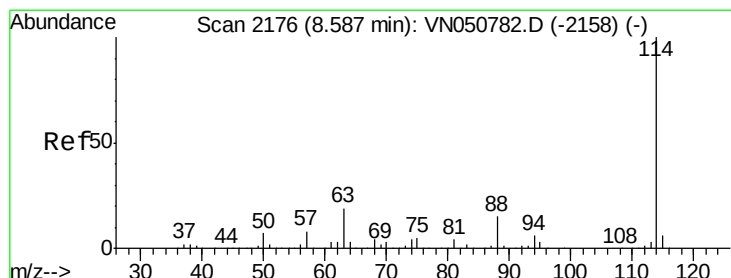
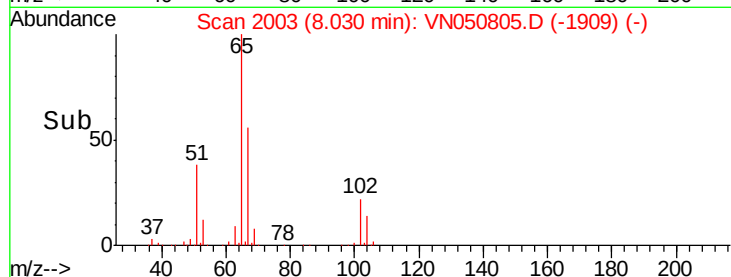
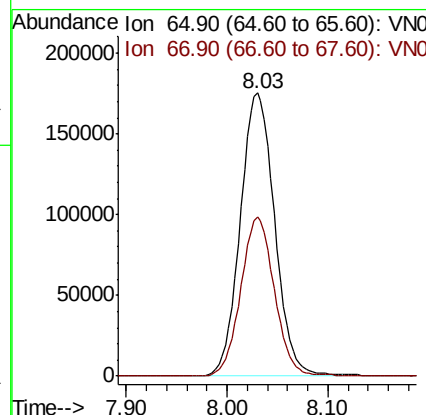
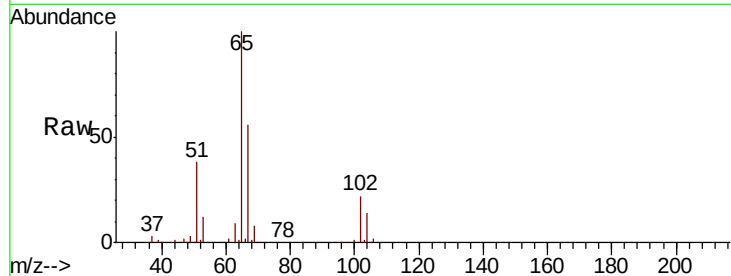




#33
 1,2-Dichloroethane-d4
 Concen: 54.70 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050805.D
 Acq: 22 Aug 2018 1:28

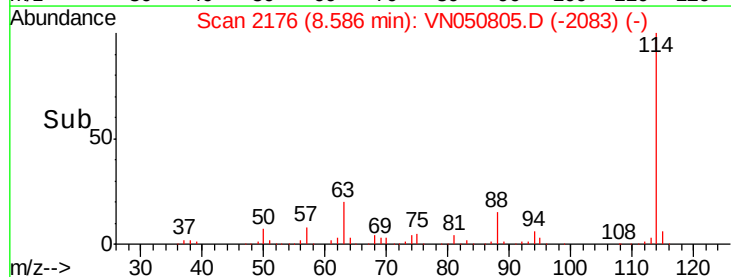
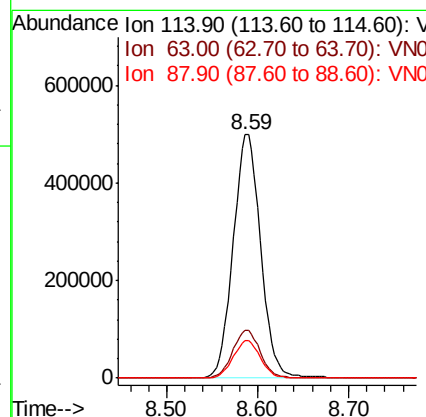
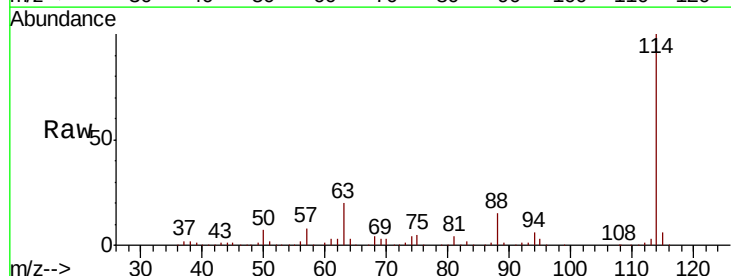
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#11

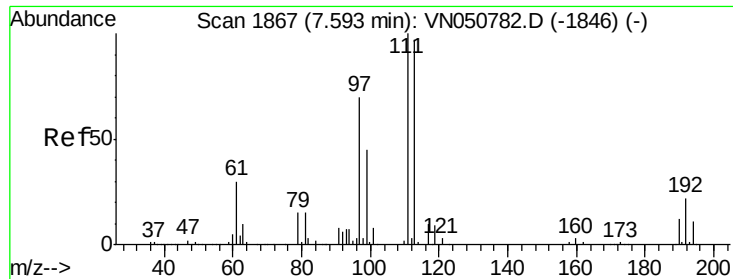
Tot Ion: 65 Resp: 414275
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050805.D
 Acq: 22 Aug 2018 1:28

Tgt Ion: 114 Resp: 1051378
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.4 0.0 30.6

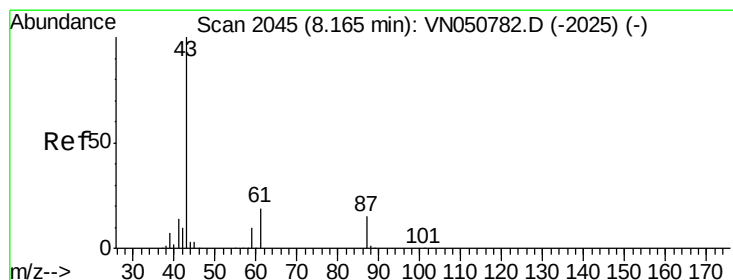
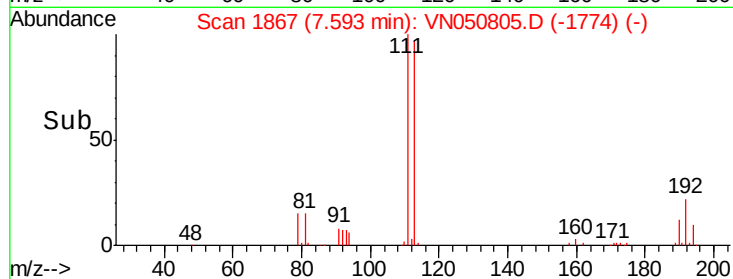
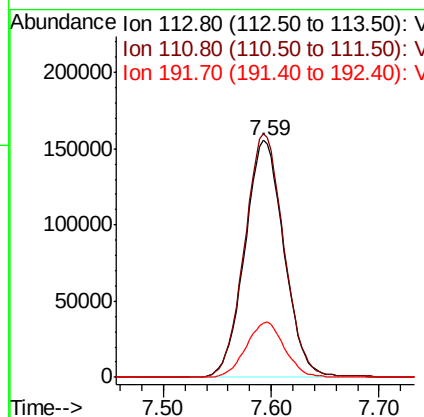
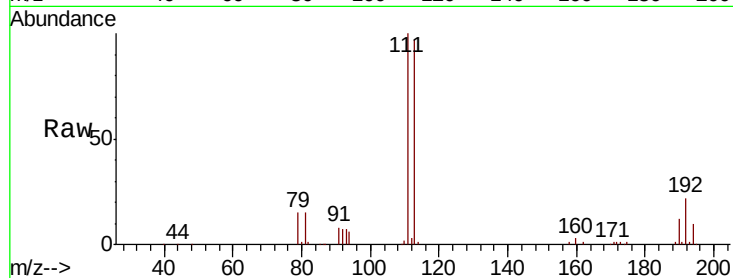




#35
 Dibromofluoromethane
 Concen: 46.87 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050805.D
 Acq: 22 Aug 2018 1:28

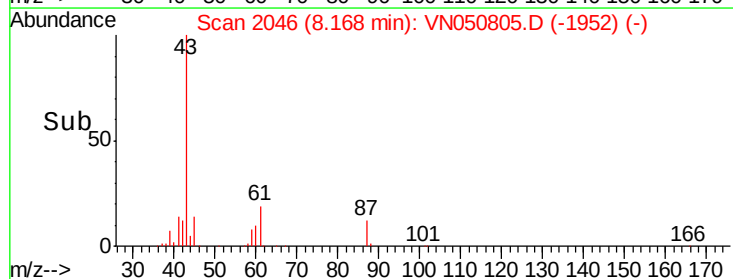
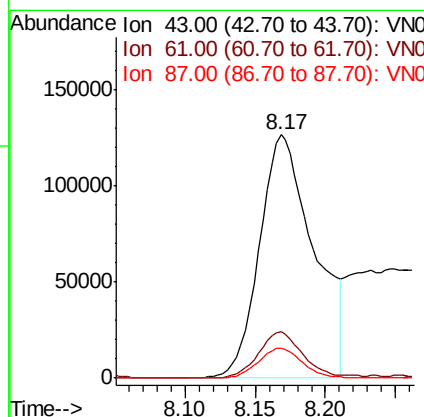
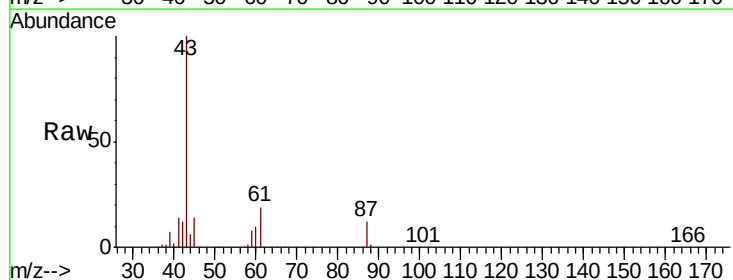
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#11

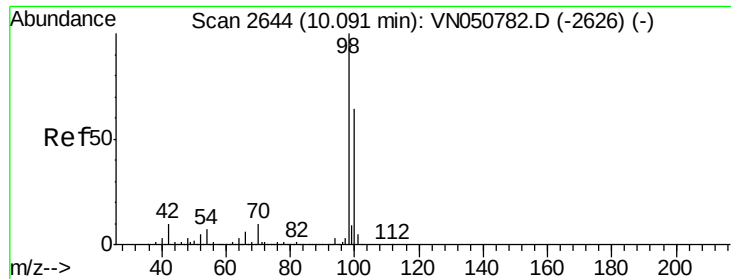
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	22.9	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 27.61 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050805.D
 Acq: 22 Aug 2018 1:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.8	17.5	26.3#
87	10.0	11.3	16.9#

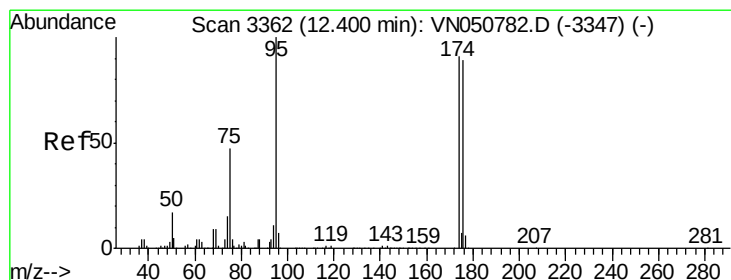
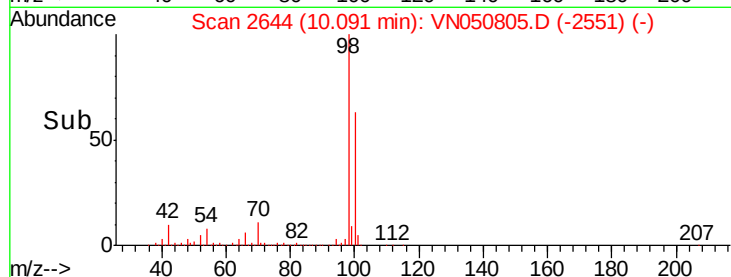
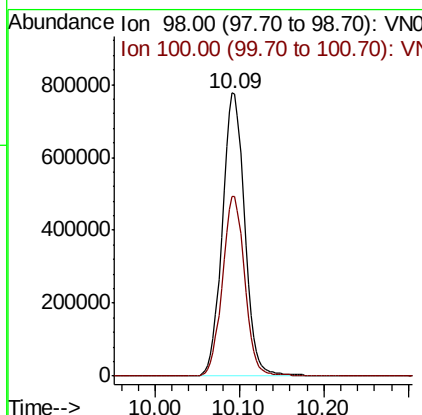
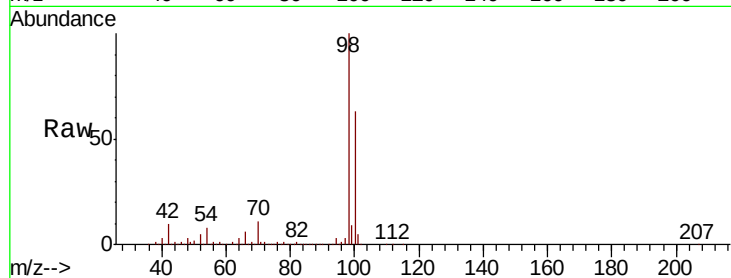




#50
Toluene-d8
Concen: 45.88 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050805.D
Acq: 22 Aug 2018 1:28

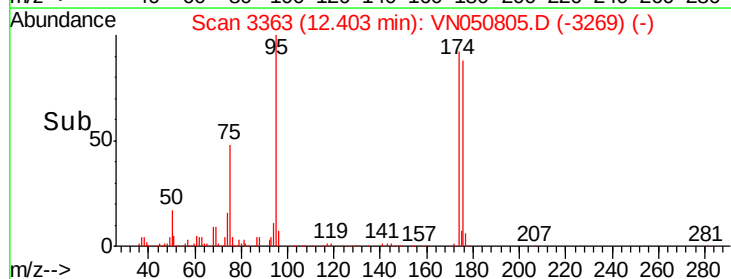
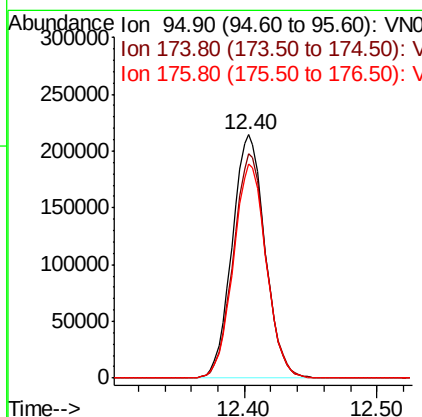
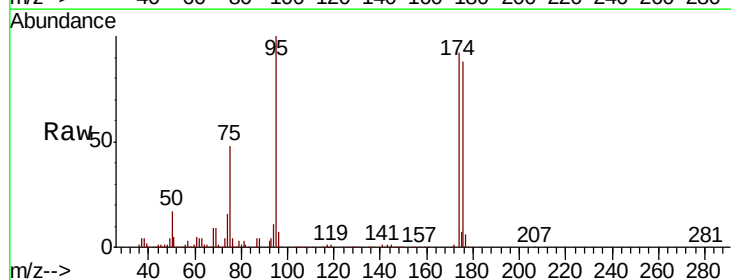
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#11

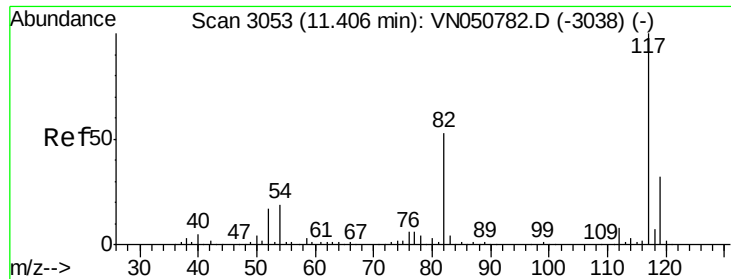
Tot Ion: 98 Resp: 1434722
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 35.46 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050805.D
Acq: 22 Aug 2018 1:28

Tgt Ion: 95 Resp: 368447
Ion Ratio Lower Upper
95 100
174 91.8 0.0 183.0
176 88.1 0.0 178.8

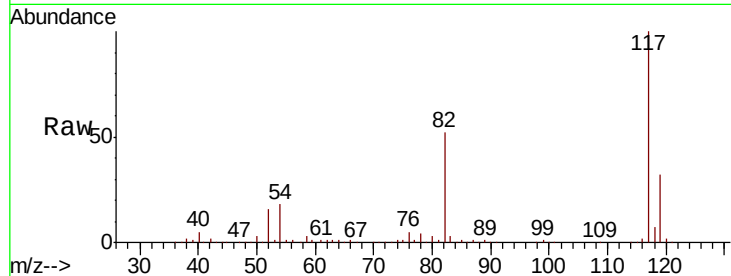




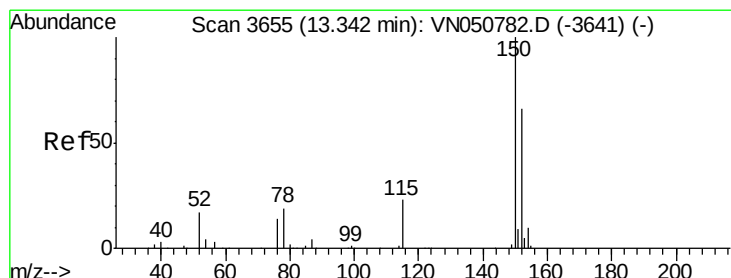
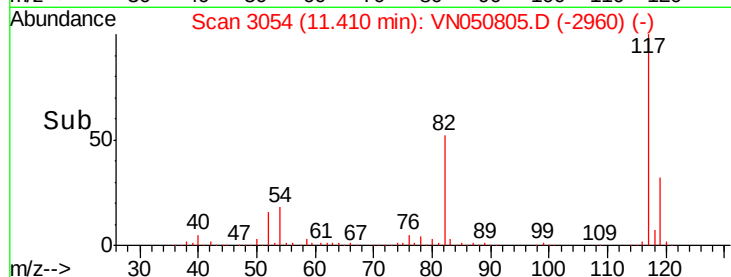
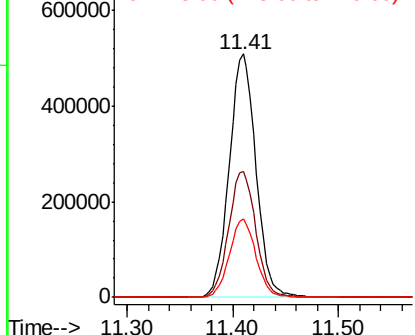
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050805.D
Acq: 22 Aug 2018 1:28

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#11

Tot Ion:117 Resp: 890588
Ion Ratio Lower Upper
117 100
82 51.8 42.6 64.0
119 32.1 25.8 38.6

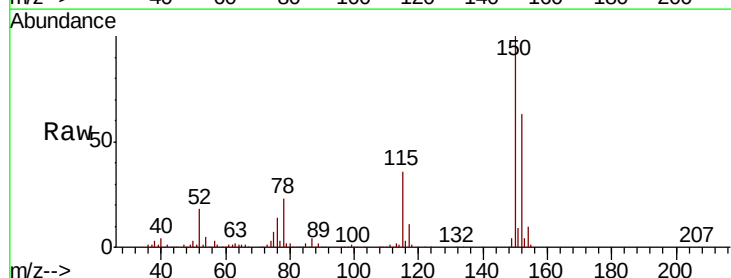


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050805.D
Acq: 22 Aug 2018 1:28

Tgt Ion:152 Resp: 275902
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.4
150 157.0 0.0 351.4



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

