

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050960.D
 Acq On : 30 Aug 2018 14:12
 Operator : MD\SY
 Sample : PB112481ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#04

Quant Time: Aug 31 04:12:56 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	582448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	815314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275548	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	392849	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.06%	
35) Dibromofluoromethane	7.59	113	372649	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.09	98	1304113	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
62) 4-Bromofluorobenzene	12.40	95	349929	36.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.46%	

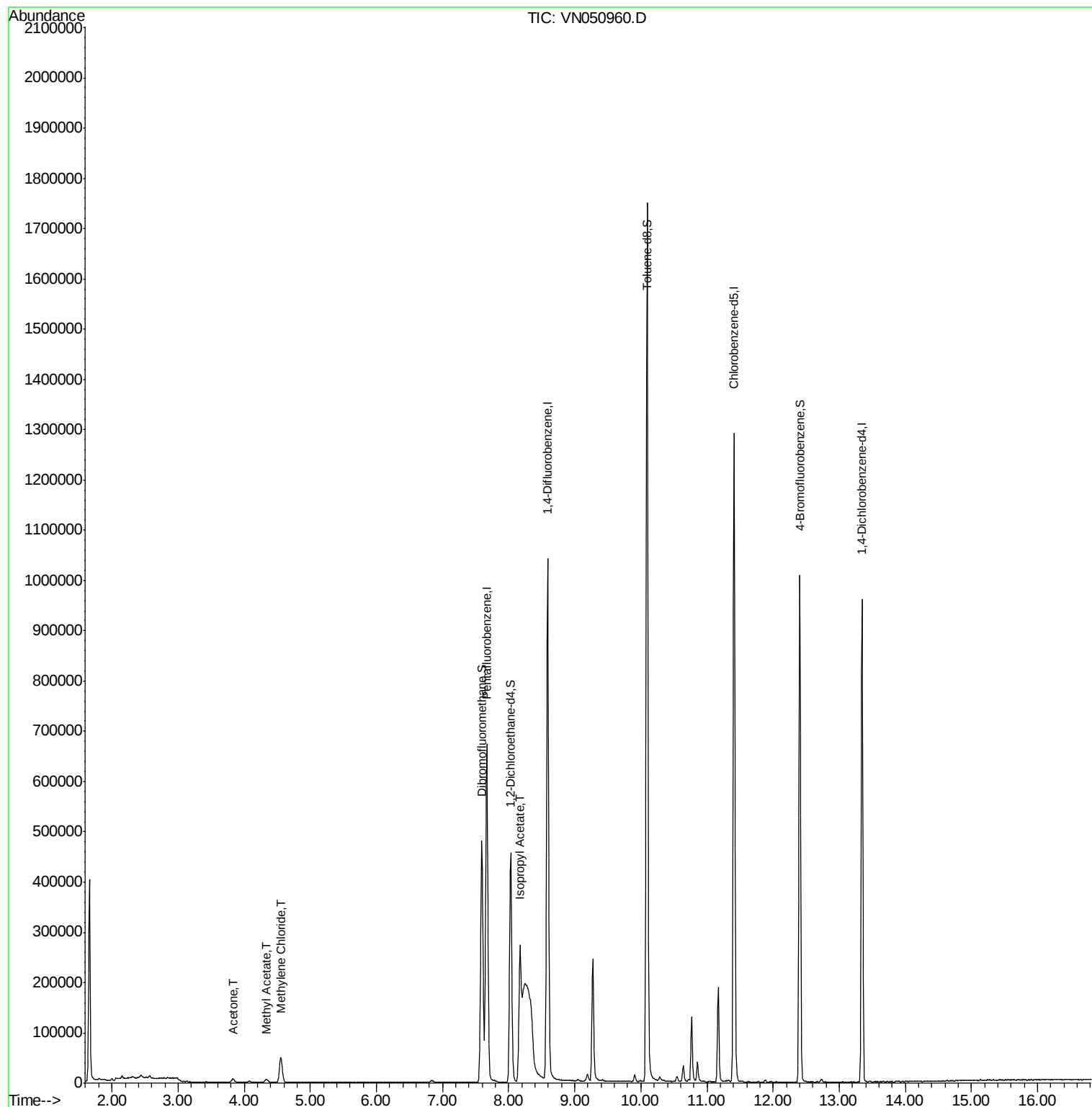
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13589	1.15	ug/l	93
18) Methyl Acetate	4.34	43	13512	2.04	ug/l #	75
20) Methylene Chloride	4.55	84	40331	5.10	ug/l	97
43) Isopropyl Acetate	8.17	43	330923	29.05	ug/l #	91

(#) = 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: VN050960.D

Acq: 30 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

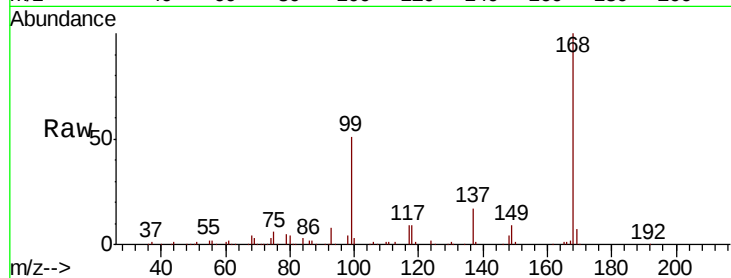
PB112481ZHE#04

Tot Ion:168 Resp: 582448

Ion Ratio Lower Upper

168 100

99 50.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050960.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050960.D (-1797) (-)

7.67

250000

200000

150000

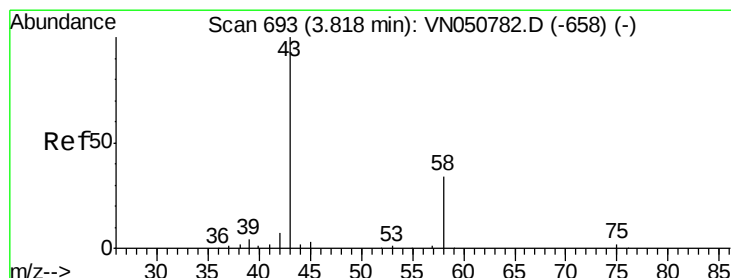
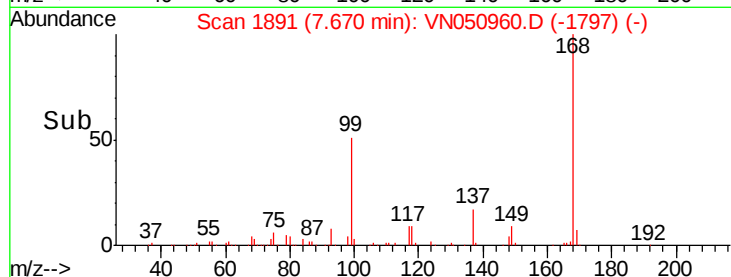
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 1.15 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050960.D

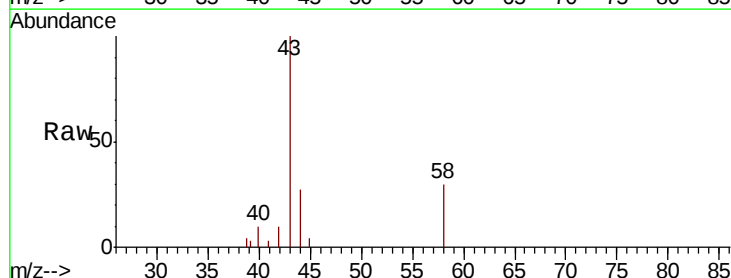
Acq: 30 Aug 2018 14:12

Tgt Ion: 43 Resp: 13589

Ion Ratio Lower Upper

43 100

58 30.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050960.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050960.D (-600) (-)

3.83

6000

5000

4000

3000

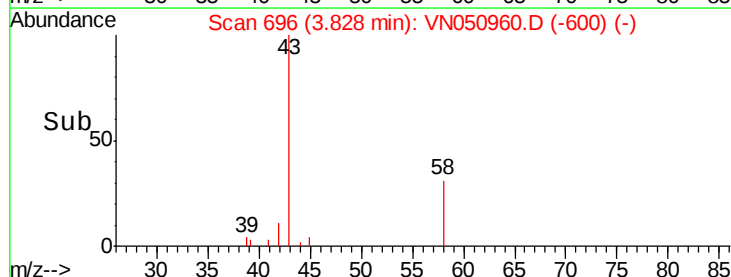
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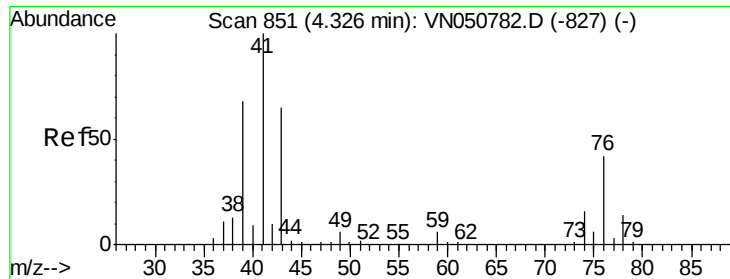
1000

0

Time-->

3.75 3.80 3.85 3.90

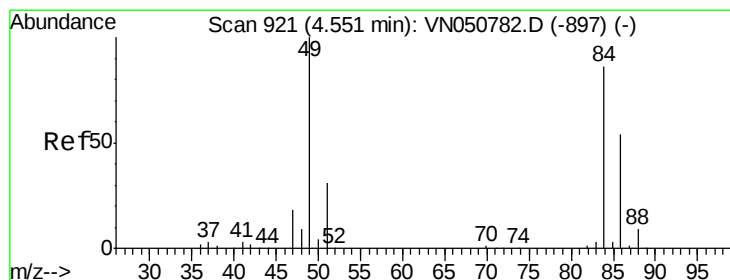
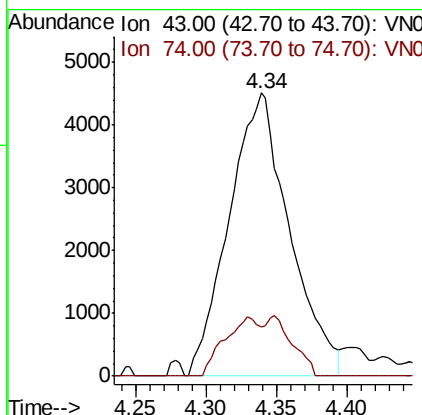
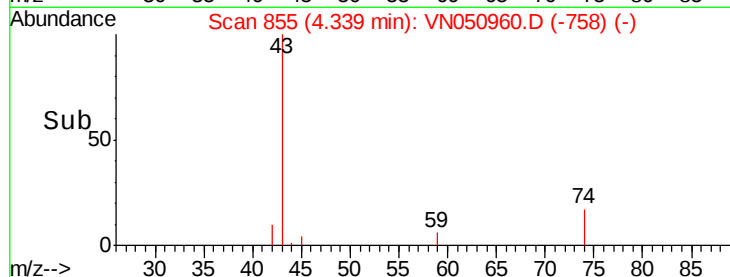
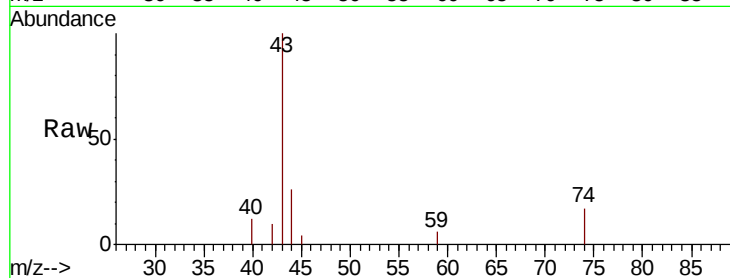




#18
Methyl Acetate
Concen: 2.04 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050960.D
Acq: 30 Aug 2018 14:12

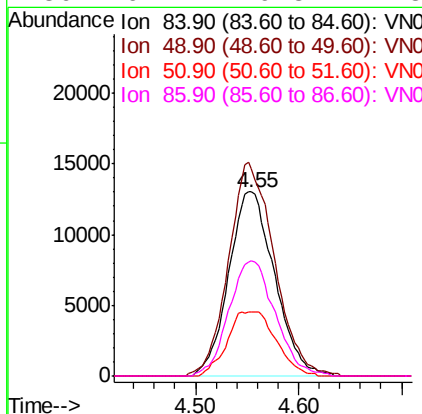
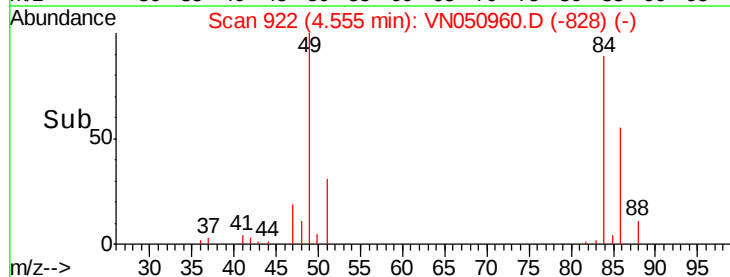
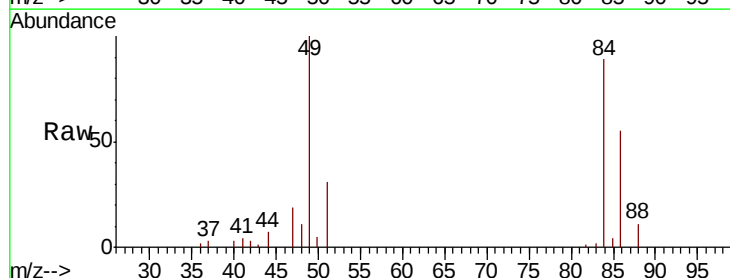
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#04

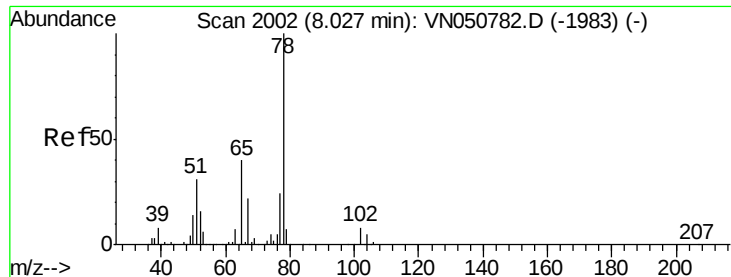
Tot Ion: 43 Resp: 13512
Ion Ratio Lower Upper
43 100
74 12.2 19.8 29.8#



#20
Methylene Chloride
Concen: 5.10 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050960.D
Acq: 30 Aug 2018 14:12

Tgt Ion: 84 Resp: 40331
Ion Ratio Lower Upper
84 100
49 111.2 93.2 139.8
51 35.1 29.0 43.6
86 62.4 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 56.03 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050960.D

Acq: 30 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

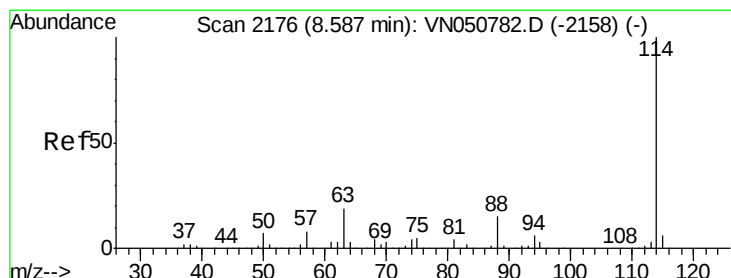
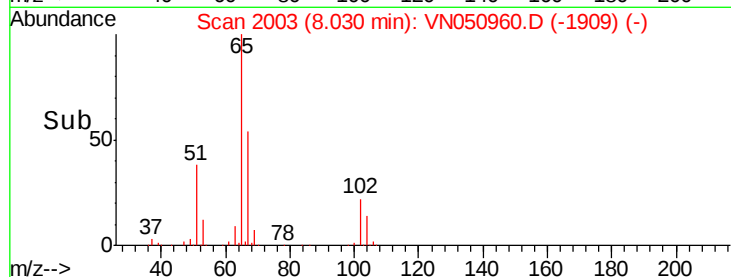
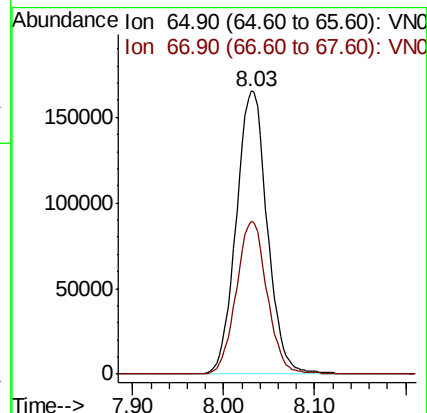
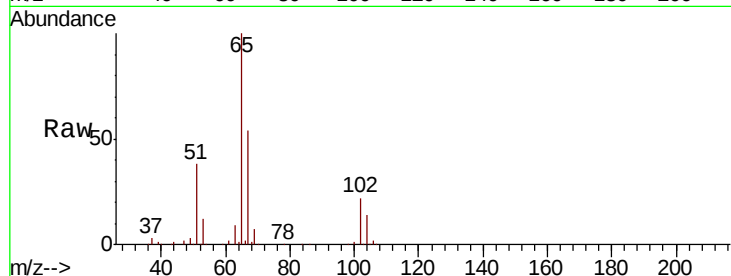
PB112481ZHE#04

Tot Ion: 65 Resp: 392849

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050960.D

Acq: 30 Aug 2018 14:12

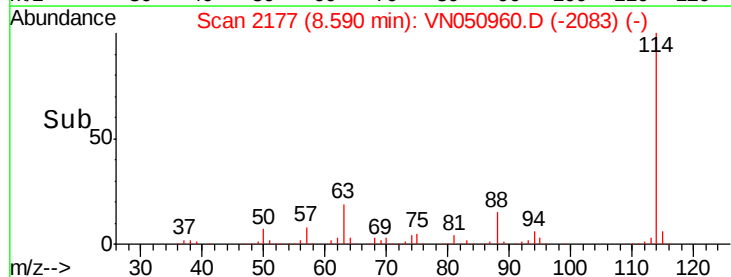
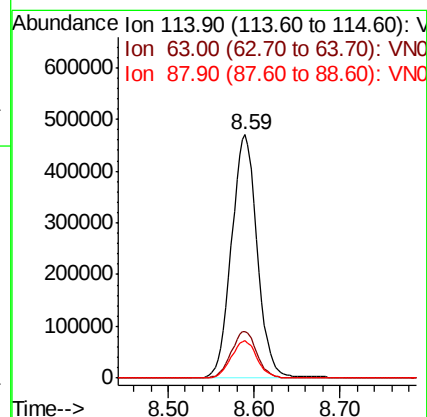
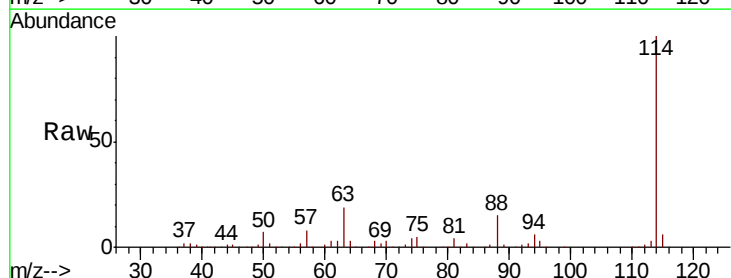
Tgt Ion: 114 Resp: 977327

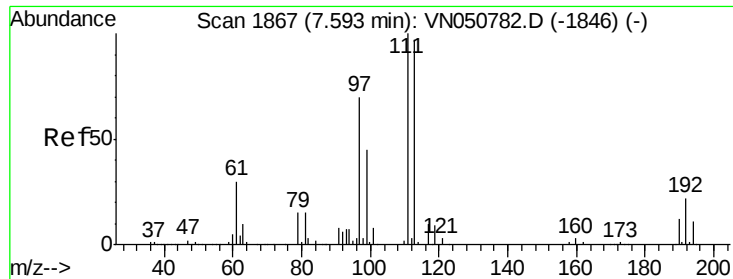
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.2 0.0 30.6

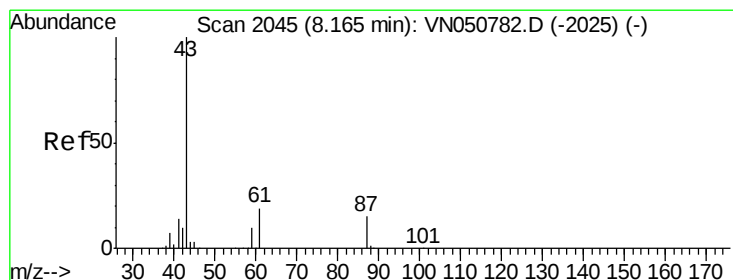
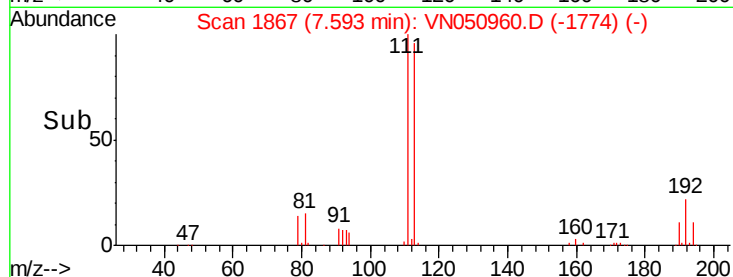
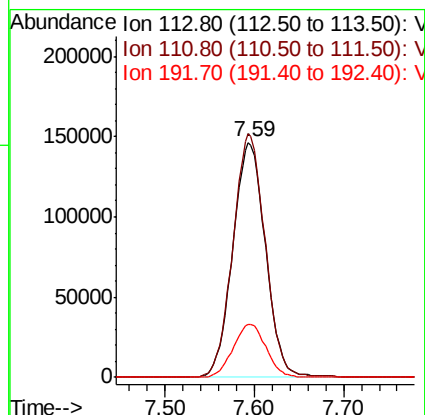
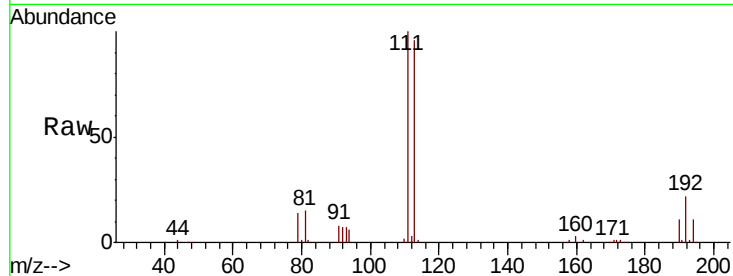




#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050960.D
 Acq: 30 Aug 2018 14:12

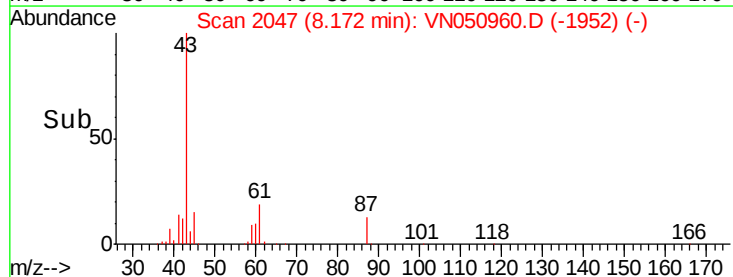
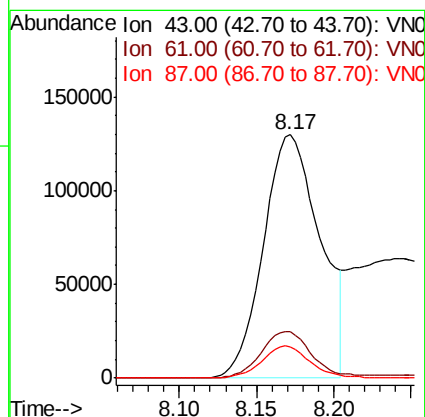
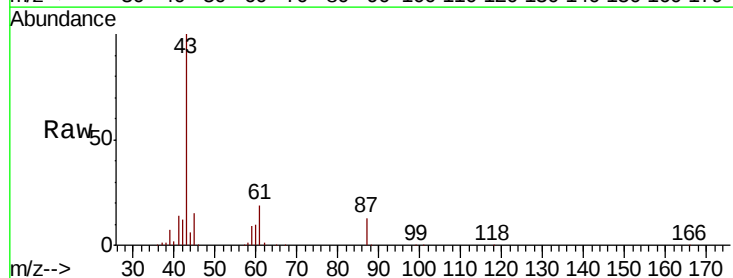
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#04

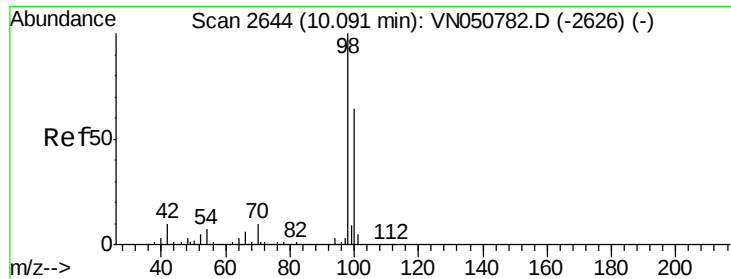
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	22.8	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 29.05 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050960.D
 Acq: 30 Aug 2018 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.3	17.5	26.3#
87	11.3	11.3	16.9#





#50

Toluene-d8

Concen: 44.86 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050960.D

Acq: 30 Aug 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

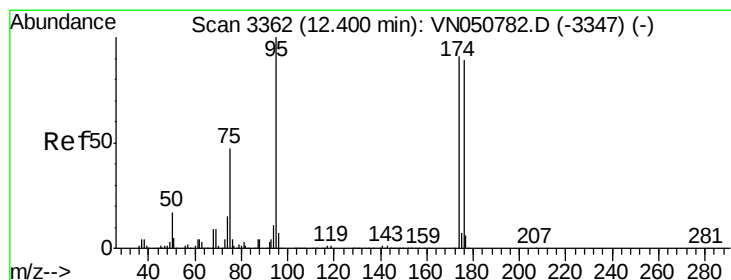
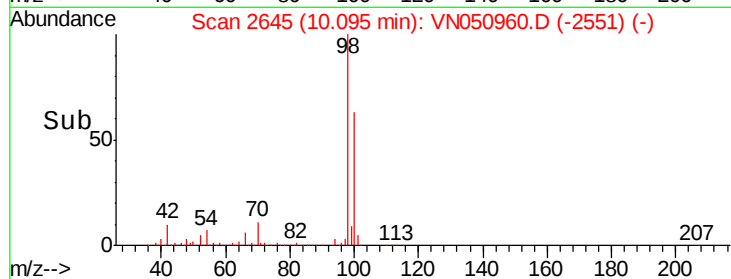
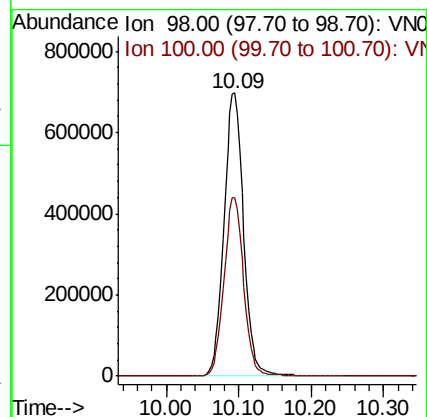
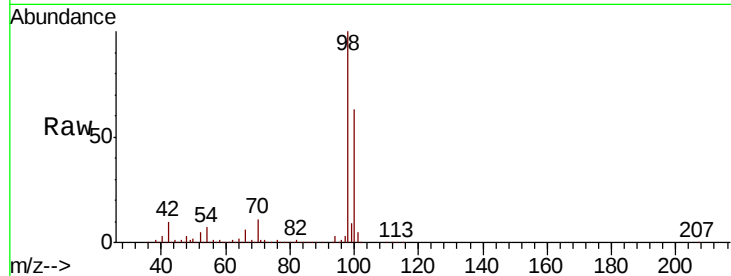
PB112481ZHE#04

Tot Ion: 98 Resp: 1304113

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 36.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050960.D

Acq: 30 Aug 2018 14:12

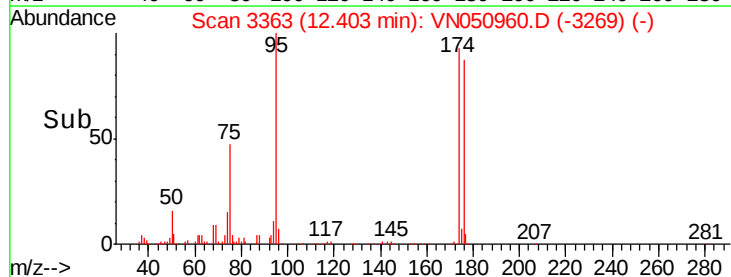
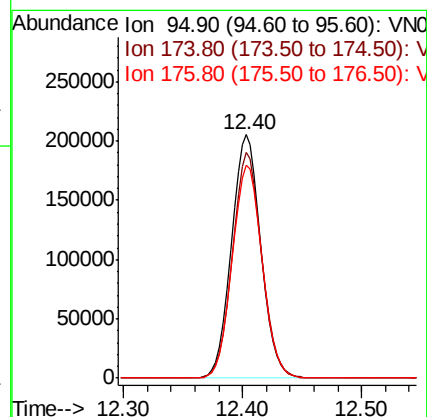
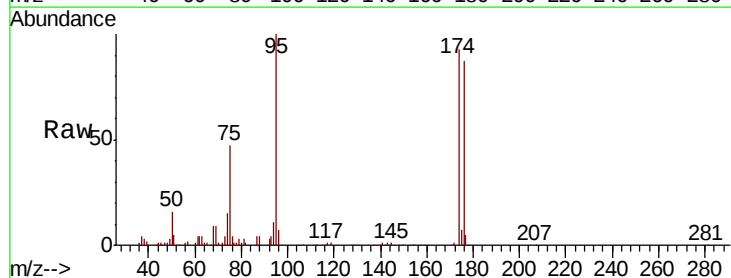
Tgt Ion: 95 Resp: 349929

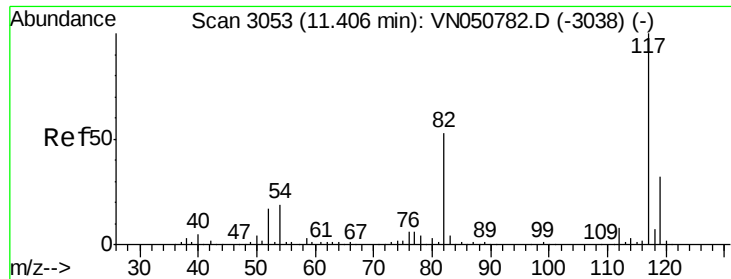
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

176 89.3 0.0 178.8

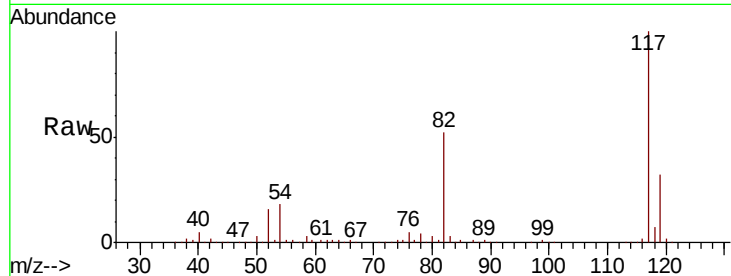




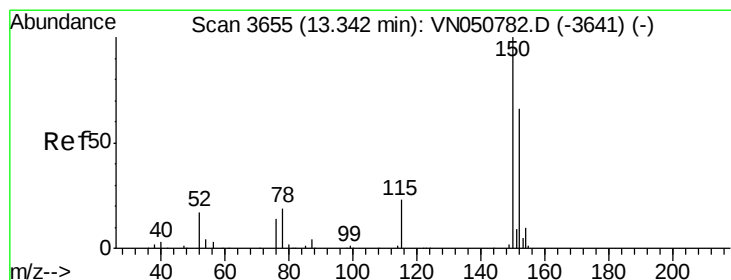
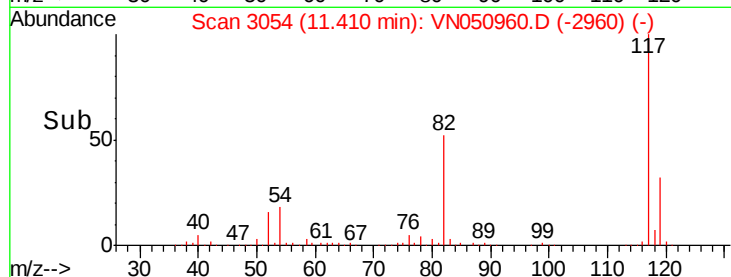
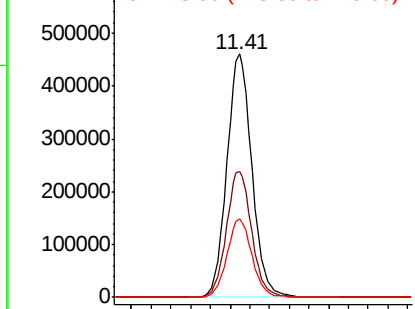
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050960.D
Acq: 30 Aug 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#04

Tot Ion:117 Resp: 815314
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 32.0 25.8 38.6

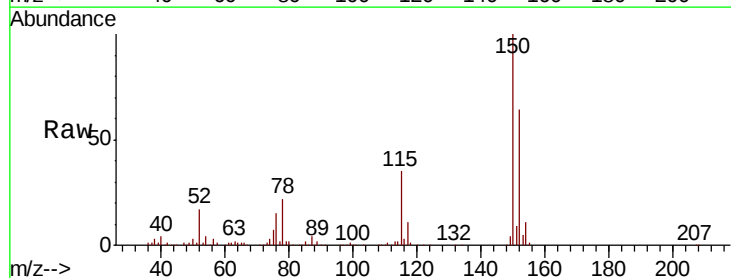


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050960.D
Acq: 30 Aug 2018 14:12

Tgt Ion:152 Resp: 275548
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 157.8 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

