

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050703.D
 Acq On : 16 Aug 2018 15:56
 Operator : MD\SY
 Sample : PB112098ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#07

Quant Time: Aug 17 04:41:59 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	605770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1029537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	878932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311006	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	429805	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	
35) Dibromofluoromethane	7.59	113	396725	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	1397078	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.40	95	381057	37.29	ug/l	0.00
Spiked Amount			Recovery	=	74.58%	

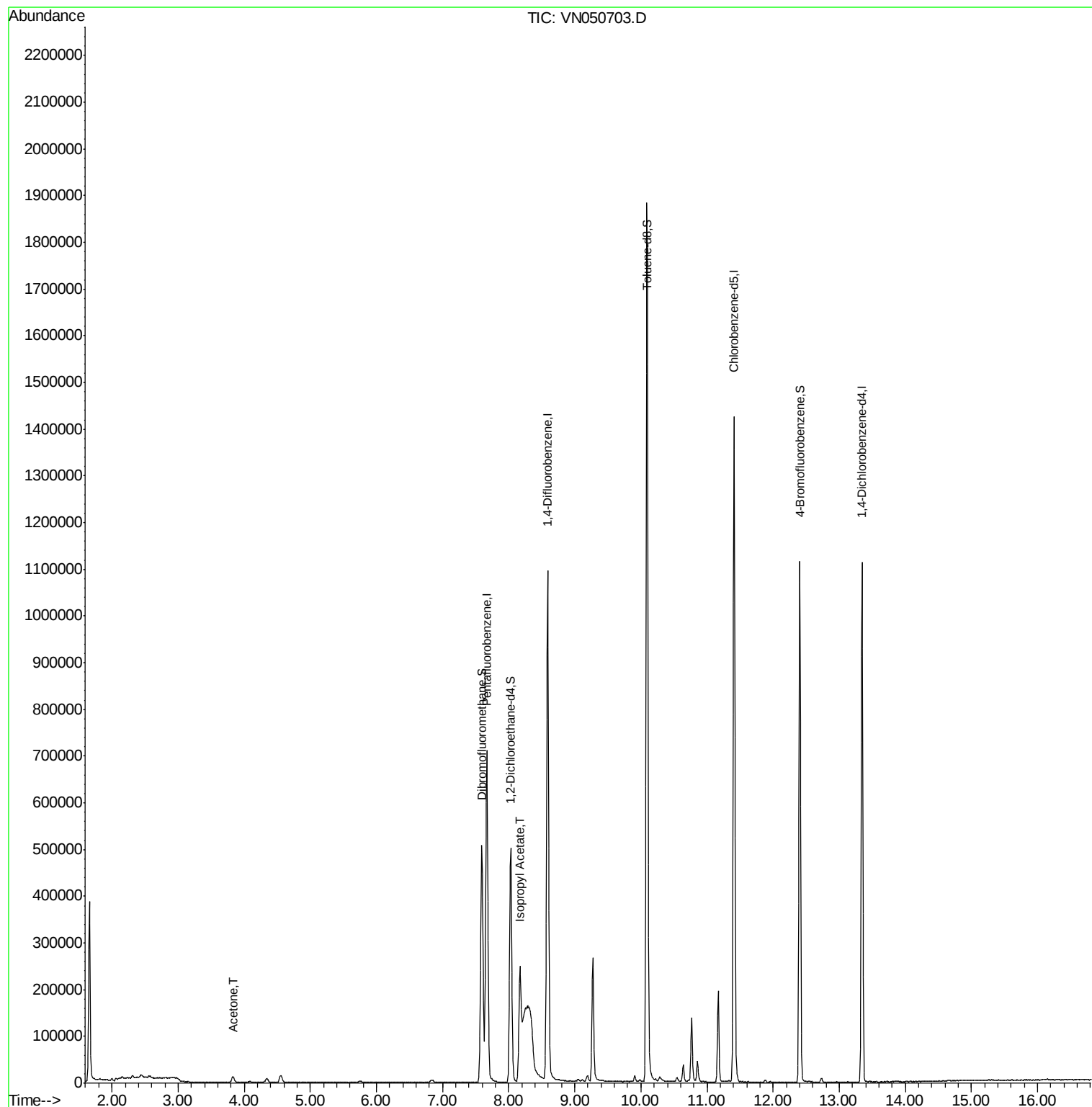
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21639	9.96	ug/l	95
43) Isopropyl Acetate	8.17	43	320490	27.15	ug/l	# 93

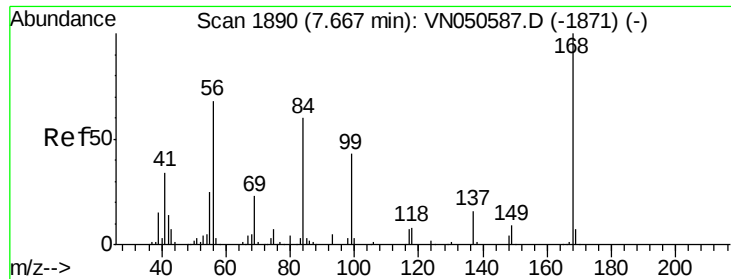
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050703.D

Acq: 16 Aug 2018 15:56

Instrument :

MSVOA_N

ClientSampleId :

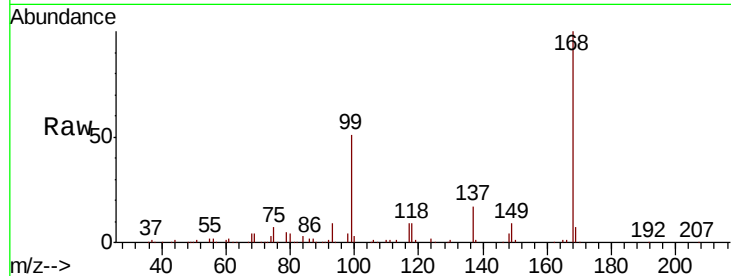
PB112098ZHE#07

Tot Ion:168 Resp: 605770

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

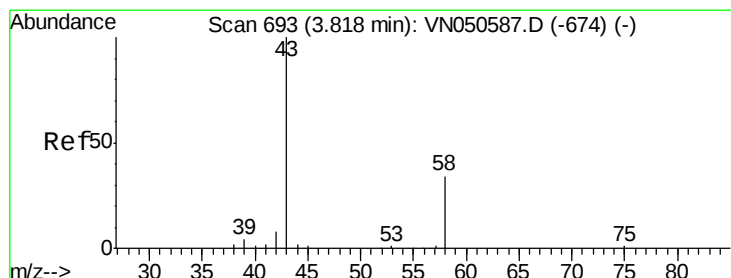
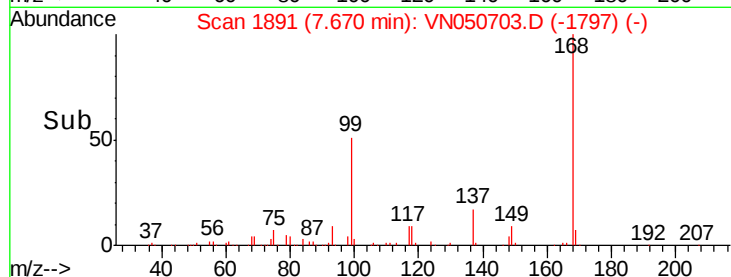
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.96 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050703.D

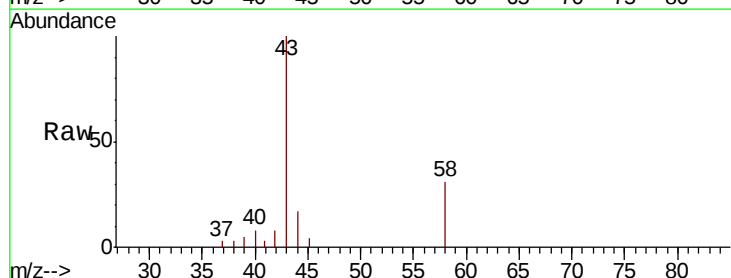
Acq: 16 Aug 2018 15:56

Tgt Ion: 43 Resp: 21639

Ion Ratio Lower Upper

43 100

58 31.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

8000

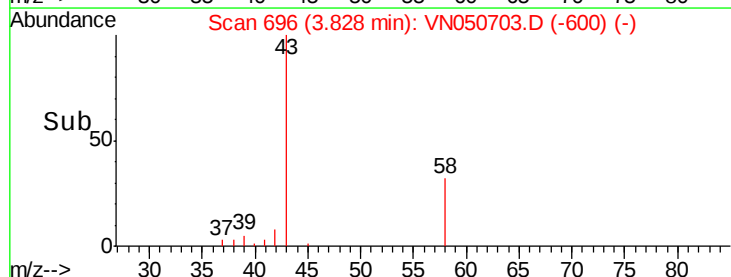
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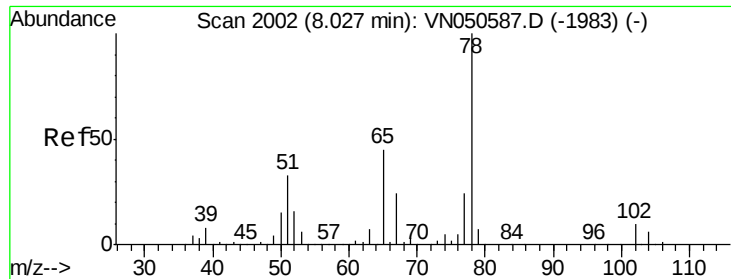
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2000

0

Time-->

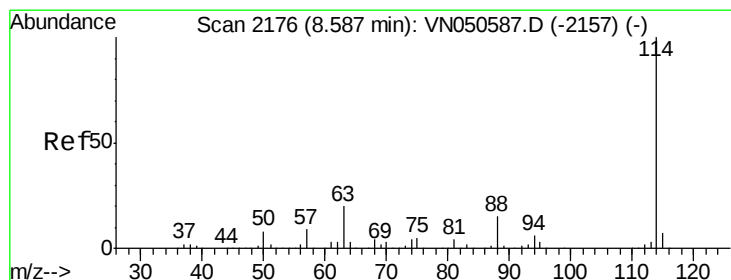
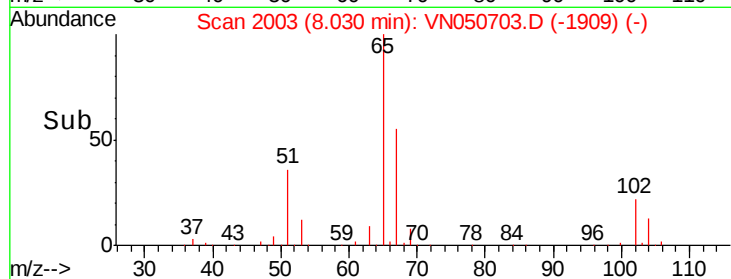
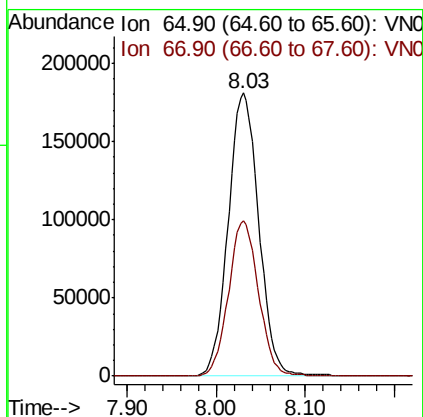
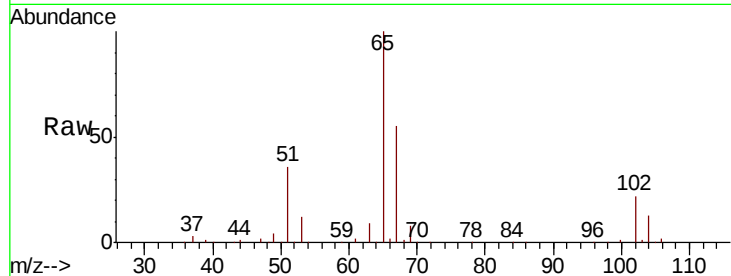




#33
 1,2-Dichloroethane-d4
 Concen: 56.29 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050703.D
 Acq: 16 Aug 2018 15:56

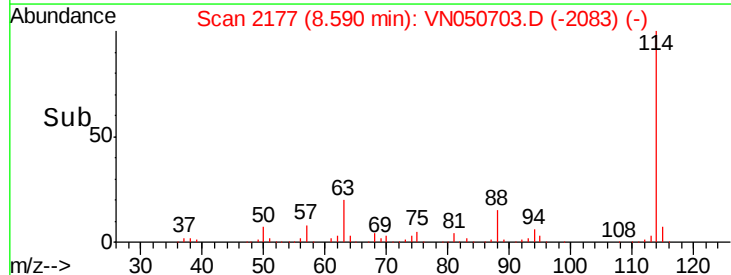
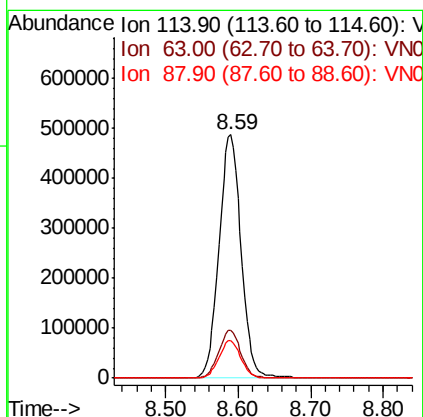
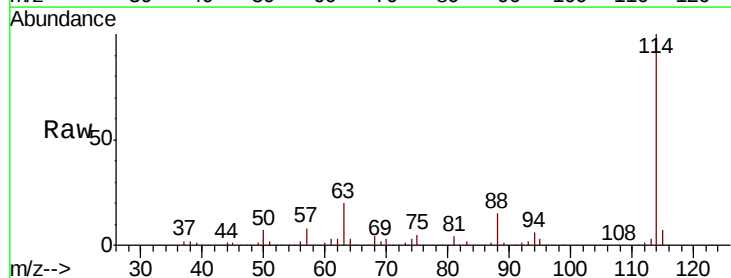
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#07

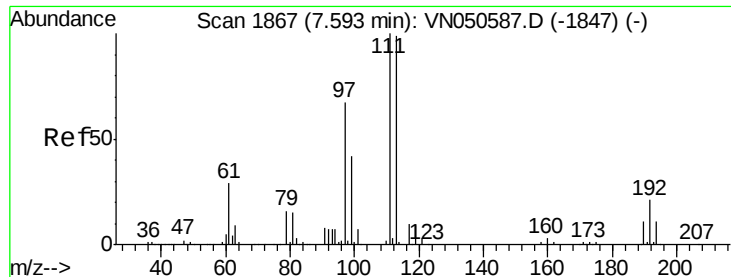
Tot Ion: 65 Resp: 429805
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050703.D
 Acq: 16 Aug 2018 15:56

Tgt Ion: 114 Resp: 1029537
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.5 0.0 30.8

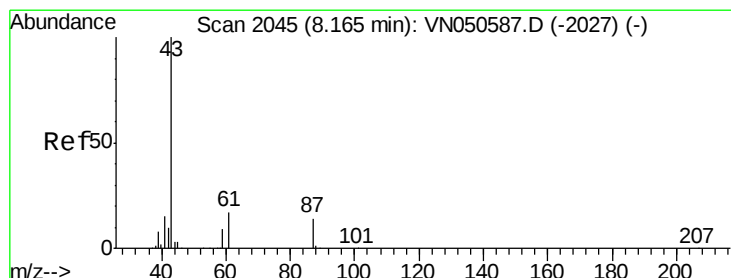
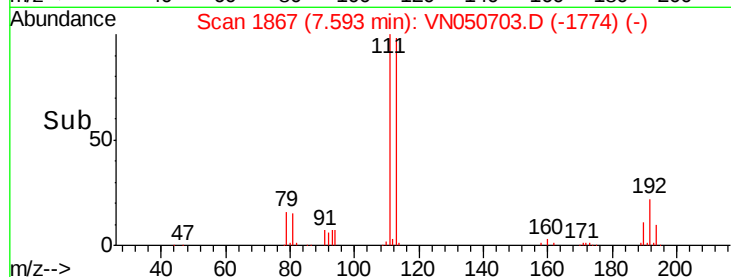
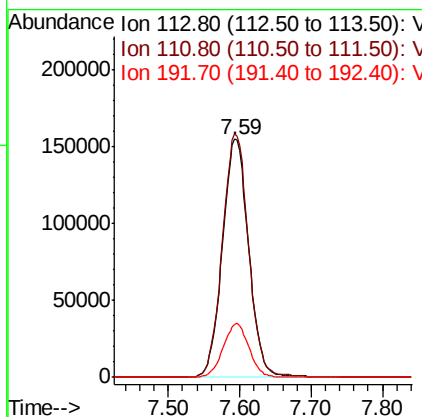
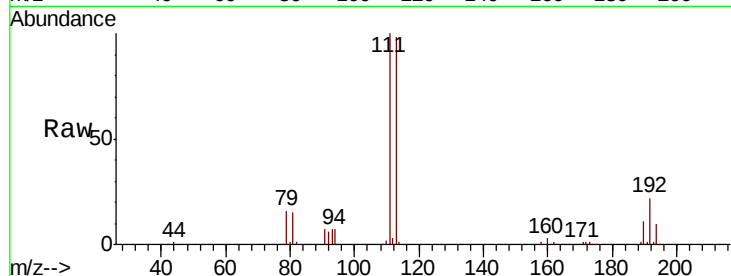




#35
 Dibromofluoromethane
 Concen: 48.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050703.D
 Acq: 16 Aug 2018 15:56

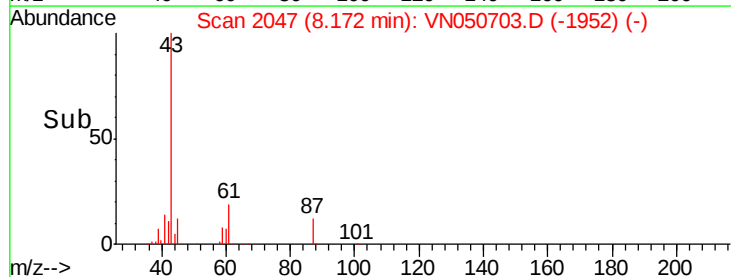
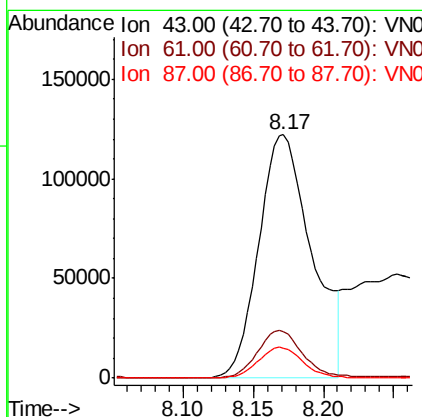
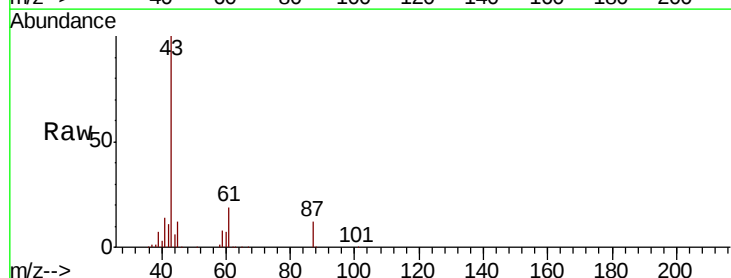
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#07

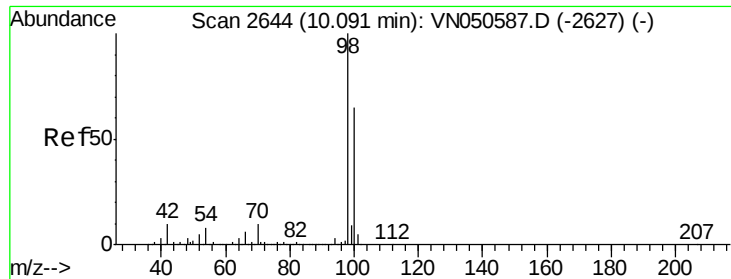
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.6
192	22.1	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 27.15 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050703.D
 Acq: 16 Aug 2018 15:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	16.2	24.2
87	10.8	10.9	16.3#





#50

Toluene-d8

Concen: 45.16 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050703.D

Acq: 16 Aug 2018 15:56

Instrument :

MSVOA_N

ClientSampleId :

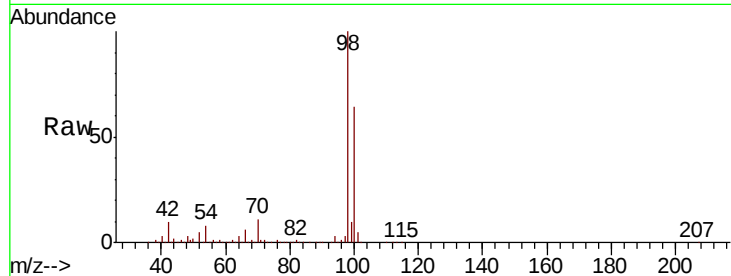
PB112098ZHE#07

Tot Ion: 98 Resp: 1397078

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

10.09

800000

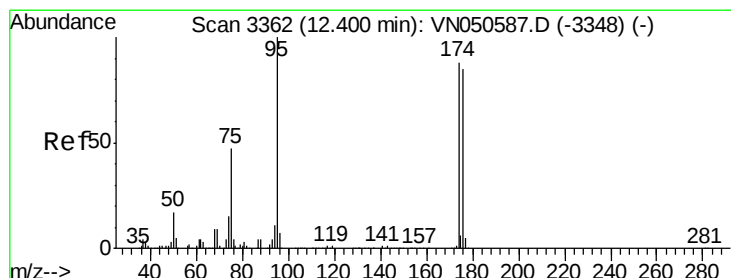
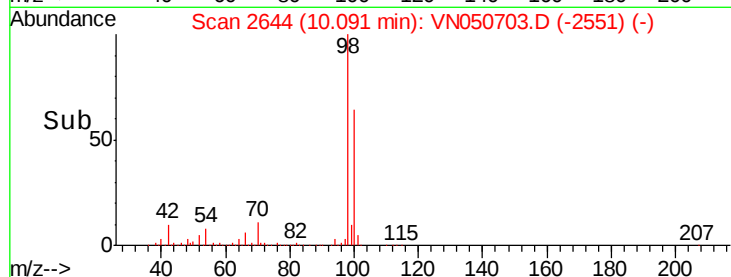
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.29 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050703.D

Acq: 16 Aug 2018 15:56

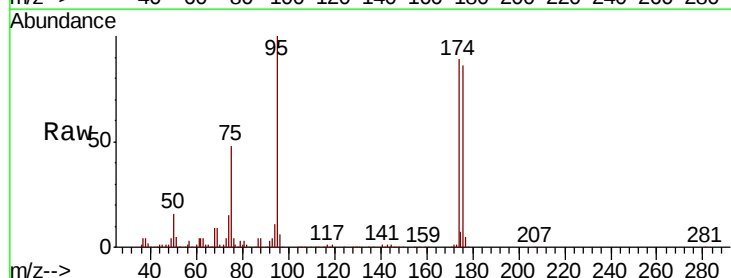
Tgt Ion: 95 Resp: 381057

Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.8

176 88.1 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

12.40

300000

250000

200000

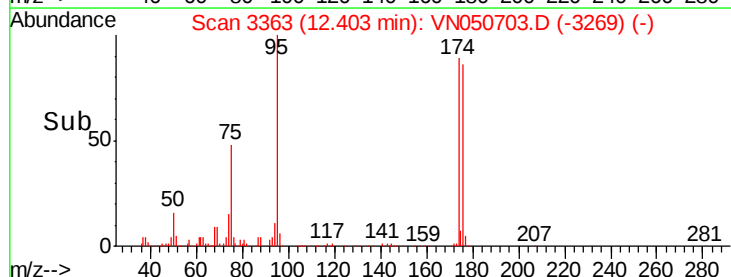
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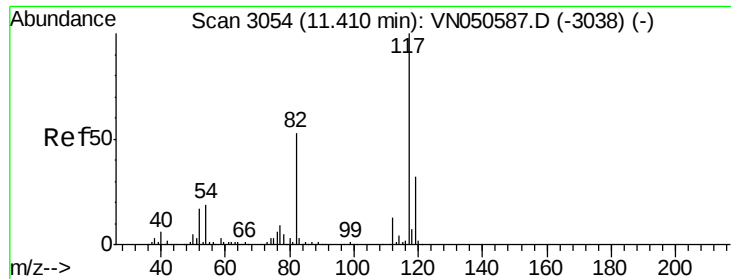
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50000

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Time-->

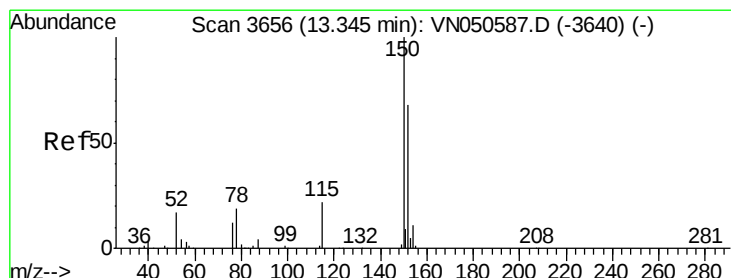
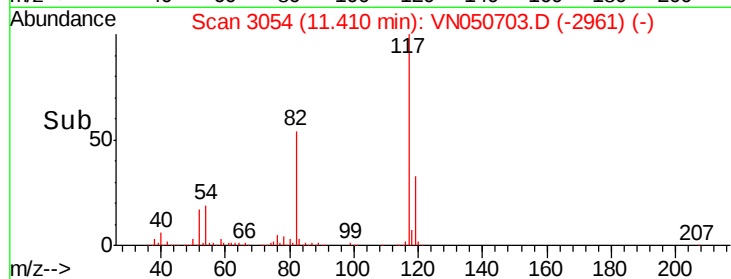
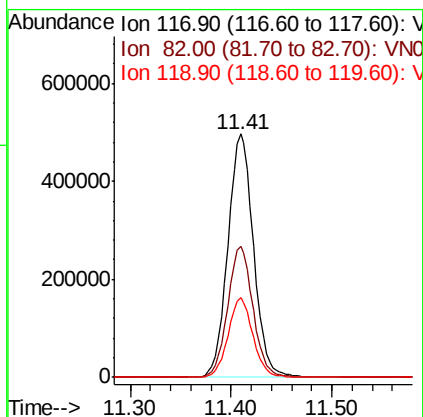
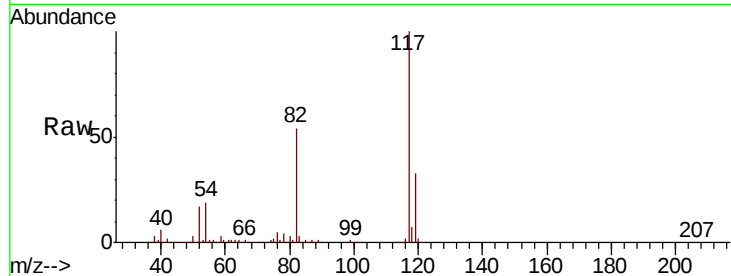




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050703.D
Acq: 16 Aug 2018 15:56

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#07

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.4	63.6
119	32.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050703.D
Acq: 16 Aug 2018 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.1	84.2
150	157.9	0.0	347.8

