

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050734.D
 Acq On : 17 Aug 2018 16:52
 Operator : MD\SY
 Sample : PB112140ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#08

Quant Time: Aug 18 01:06:57 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	607416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	898555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342482	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	423014	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	7.60	113	389160	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	1402462	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.40	95	407229	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	

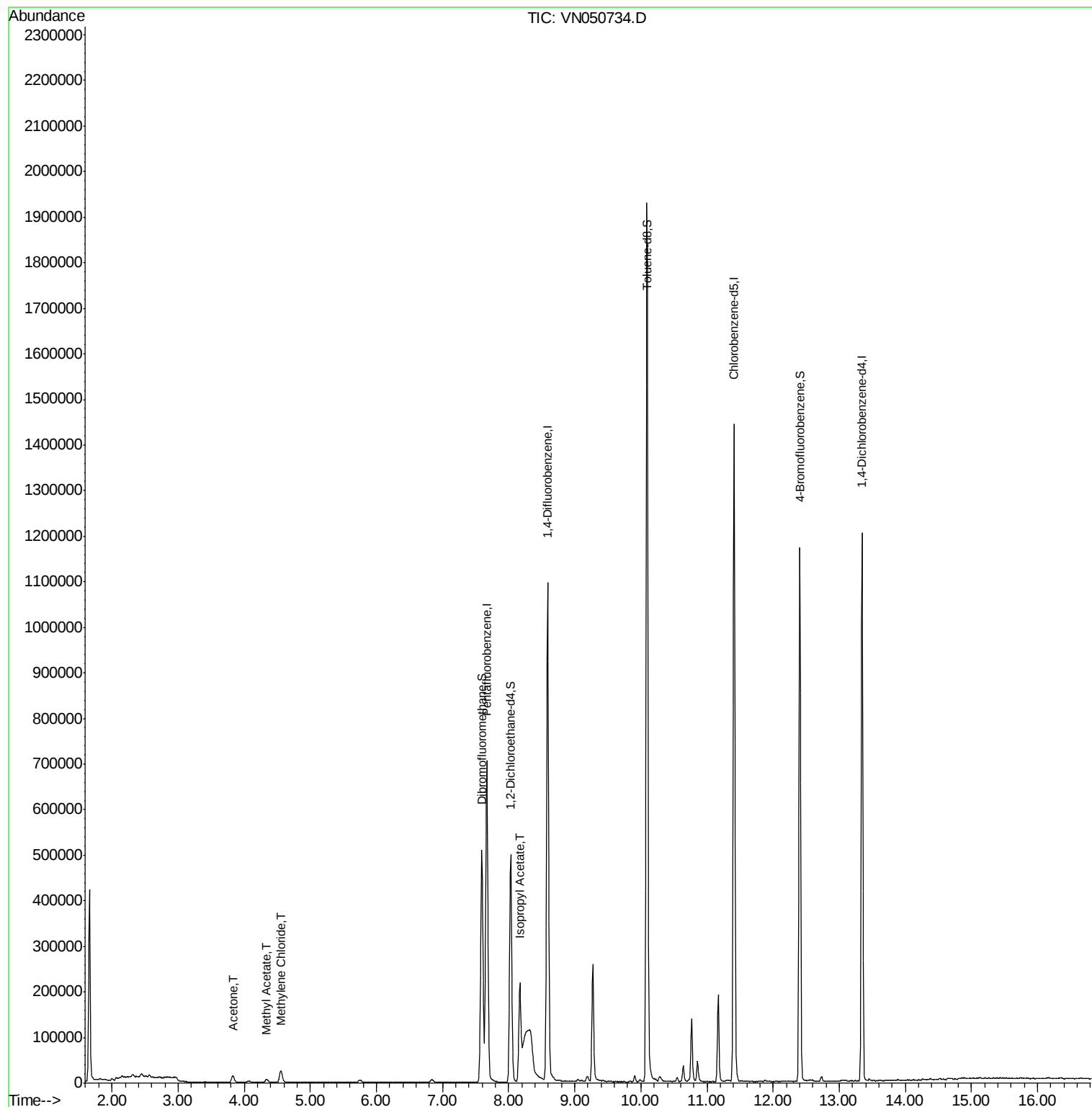
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	26989	12.74	ug/l	98
18) Methyl Acetate	4.34	43	14878	1.81	ug/l #	87
20) Methylene Chloride	4.56	84	20765	1.62	ug/l	95
43) Isopropyl Acetate	8.17	43	272736	23.26	ug/l	97

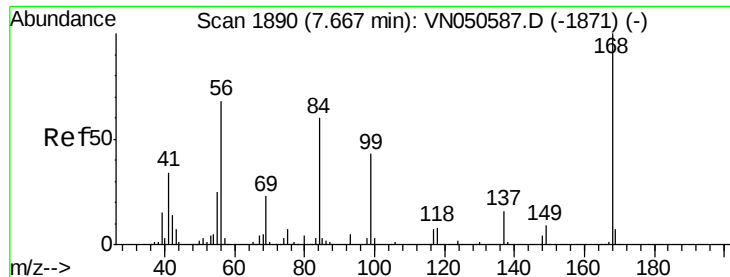
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050734.D

Acq: 17 Aug 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

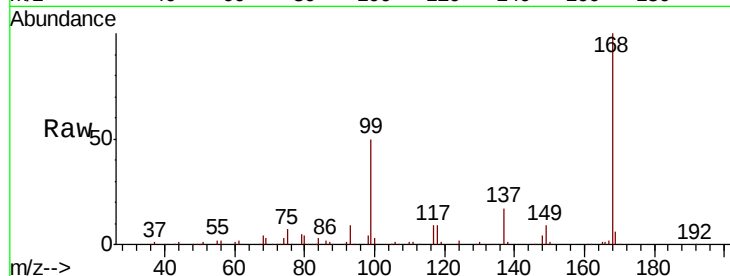
PB112140ZHE#08

Tot Ion:168 Resp: 607416

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

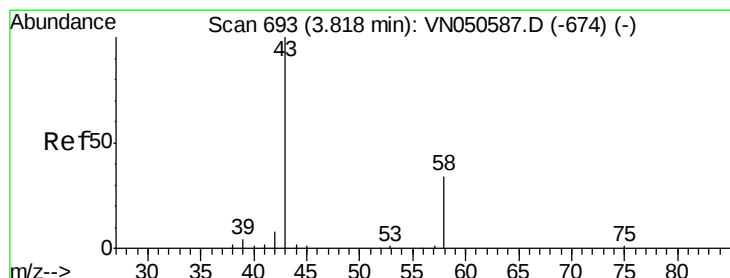
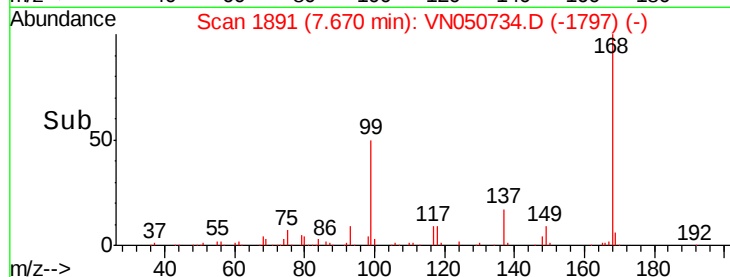
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.74 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050734.D

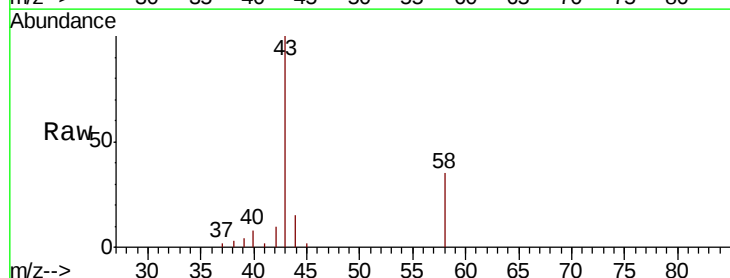
Acq: 17 Aug 2018 16:52

Tgt Ion: 43 Resp: 26989

Ion Ratio Lower Upper

43 100

58 35.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.83

10000

8000

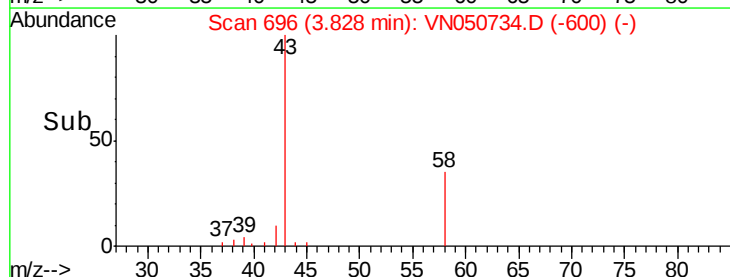
6000

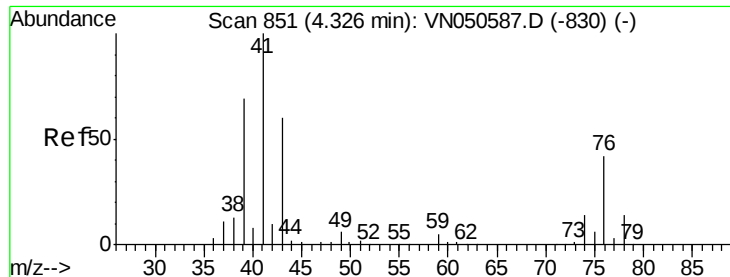
4000

2000

0

Time-->

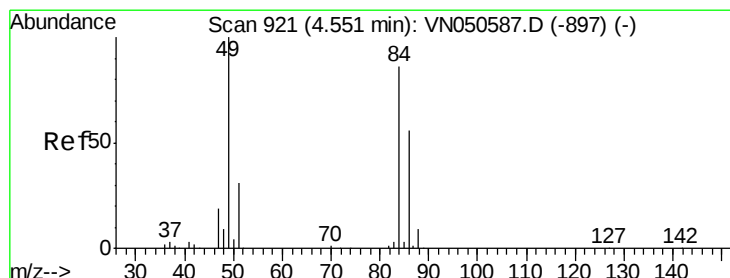
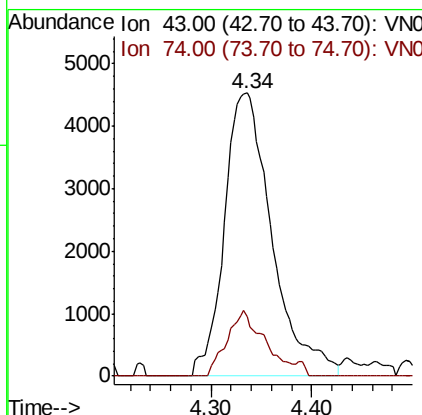
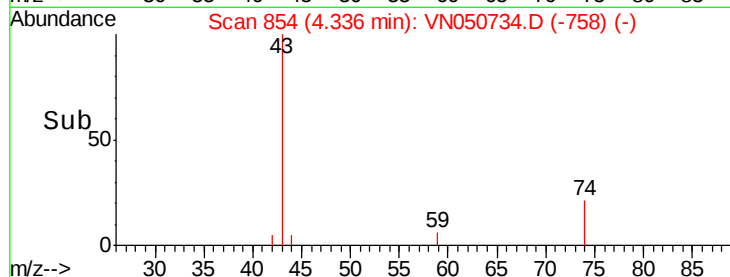
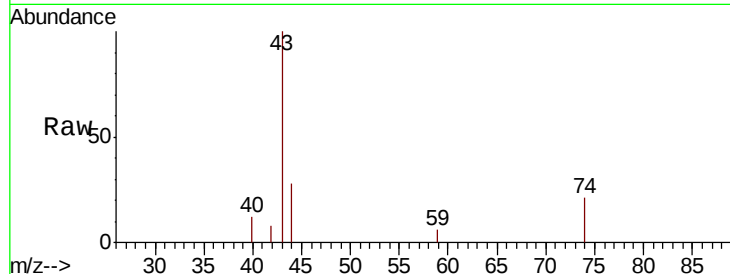




#18
Methyl Acetate
Concen: 1.81 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050734.D
Acq: 17 Aug 2018 16:52

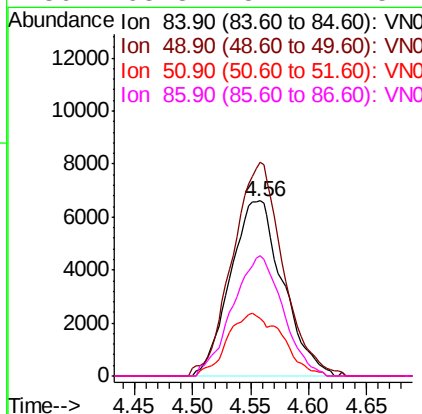
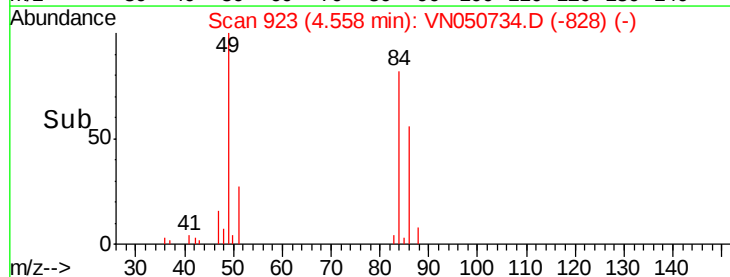
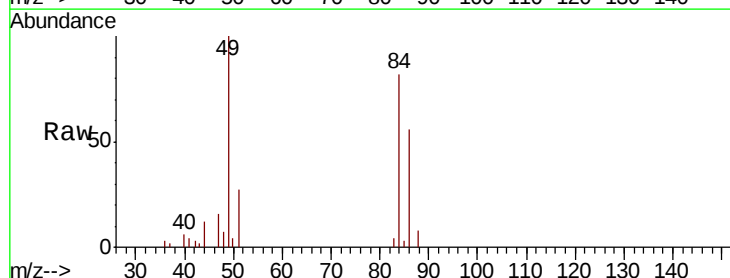
Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#08

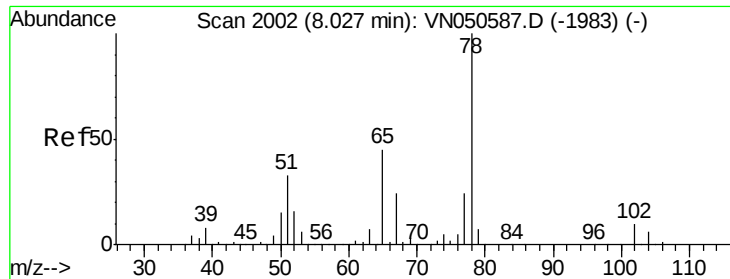
Tot Ion: 43 Resp: 14878
Ion Ratio Lower Upper
43 100
74 18.2 19.7 29.5#



#20
Methylene Chloride
Concen: 1.62 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050734.D
Acq: 17 Aug 2018 16:52

Tgt Ion: 84 Resp: 20765
Ion Ratio Lower Upper
84 100
49 121.9 92.6 138.8
51 33.0 28.6 43.0
86 68.8 52.2 78.2

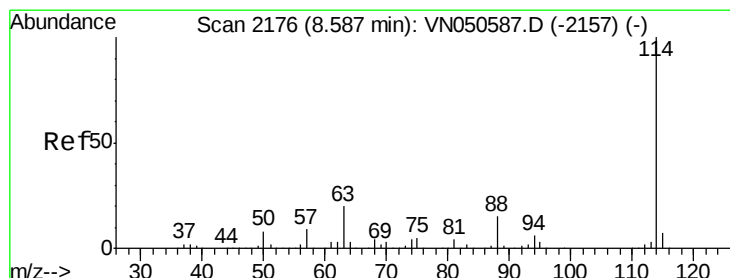
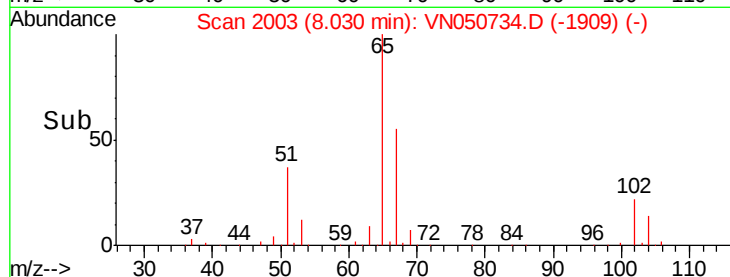
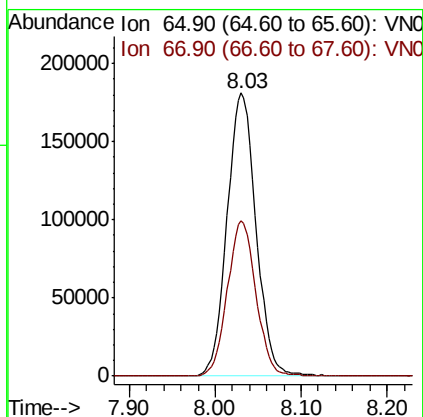
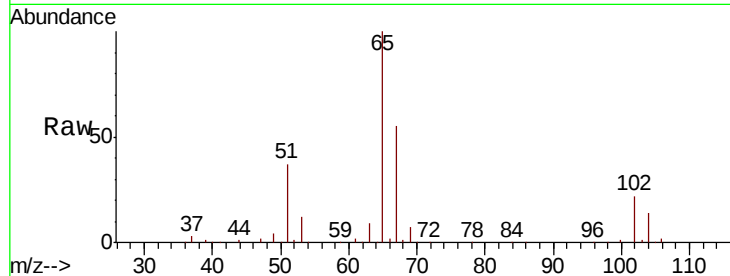




#33
 1,2-Dichloroethane-d4
 Concen: 55.25 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050734.D
 Acq: 17 Aug 2018 16:52

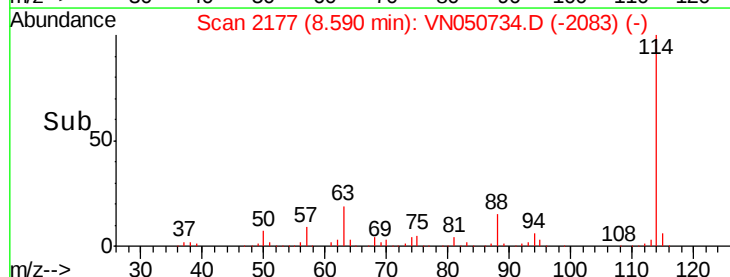
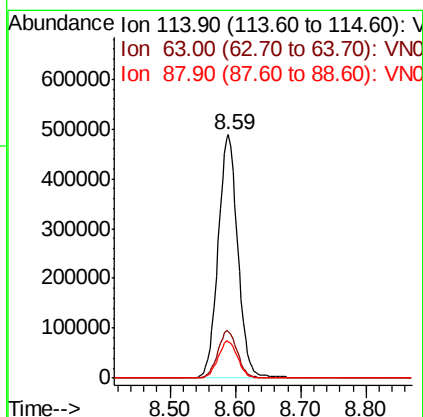
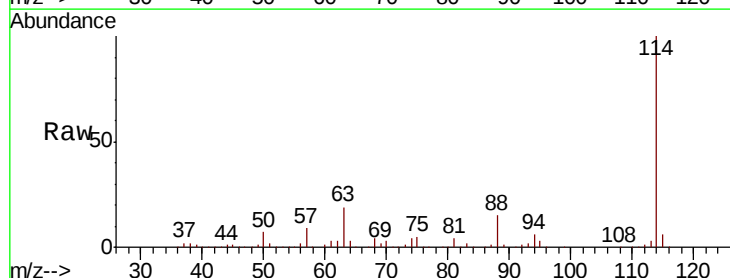
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#08

Tot Ion: 65 Resp: 423014
 Ion Ratio Lower Upper
 65 100
 67 54.4 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: VN050734.D
 Acq: 17 Aug 2018 16:52

Tgt Ion: 114 Resp: 1022689
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.66 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050734.D

Acq: 17 Aug 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB112140ZHE#08

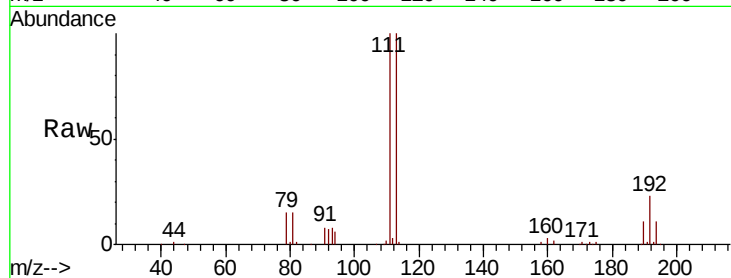
Tot Ion:113 Resp: 389160

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.6

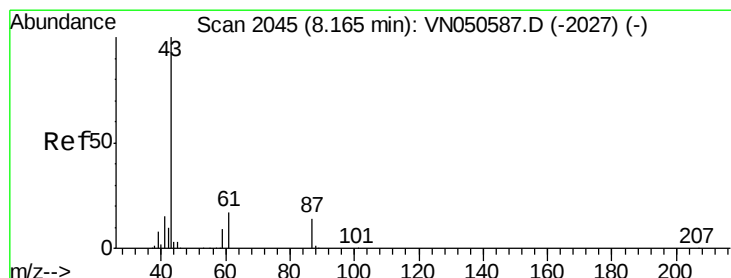
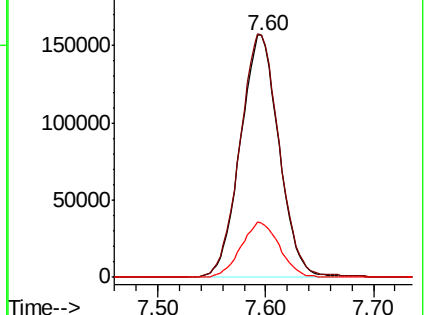
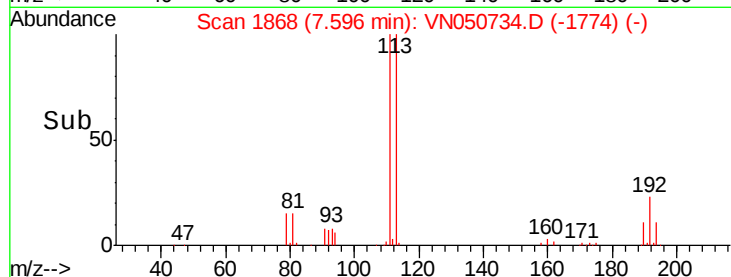
192 22.8 17.6 26.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 23.26 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050734.D

Acq: 17 Aug 2018 16:52

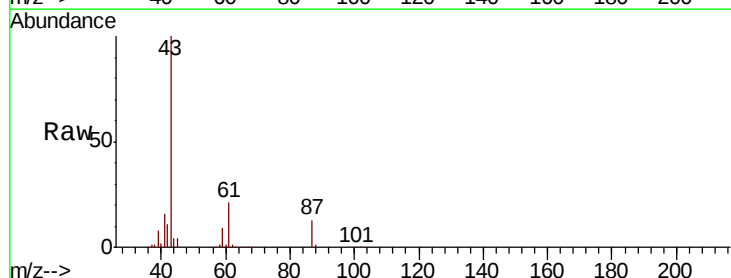
Tgt Ion: 43 Resp: 272736

Ion Ratio Lower Upper

43 100

61 18.8 16.2 24.2

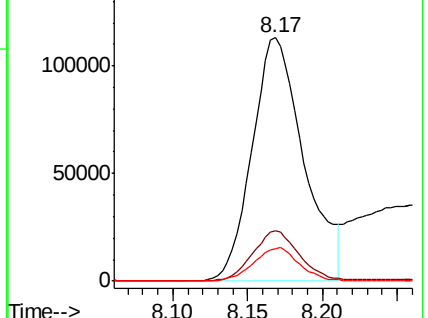
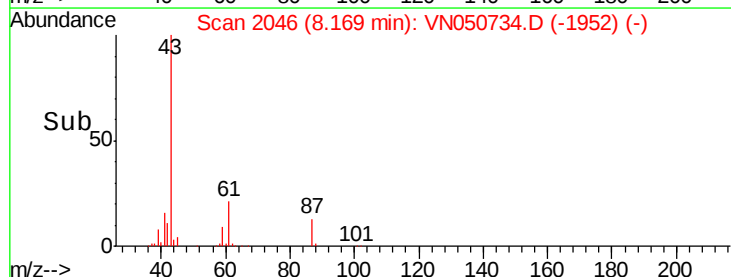
87 12.2 10.9 16.3

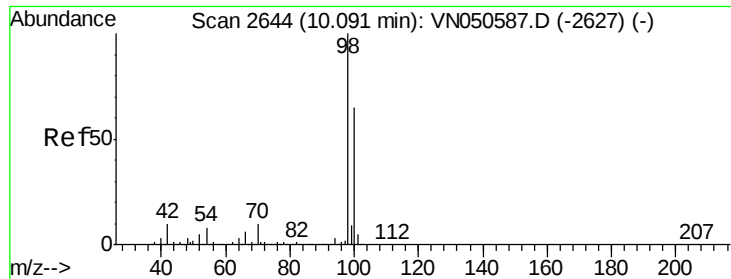


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 45.64 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050734.D

Acq: 17 Aug 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

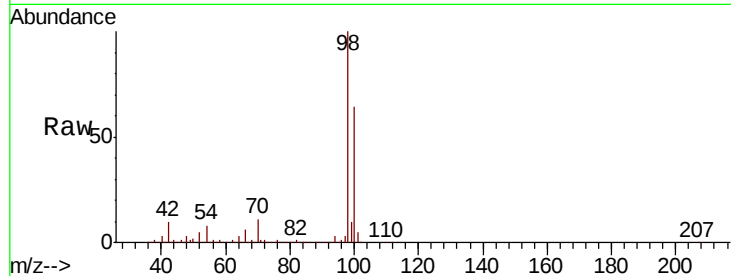
PB112140ZHE#08

Tot Ion: 98 Resp: 1402462

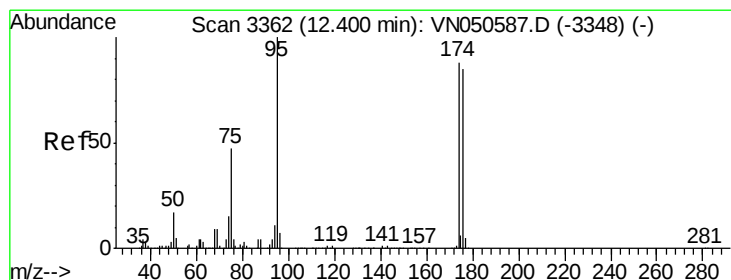
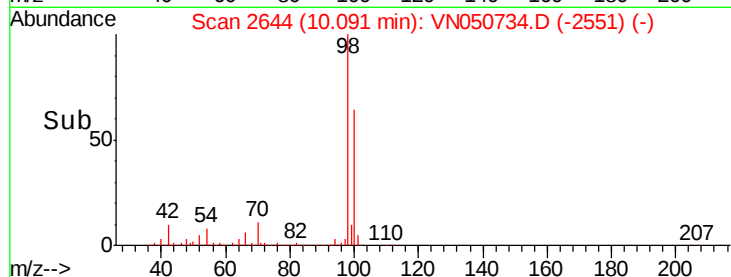
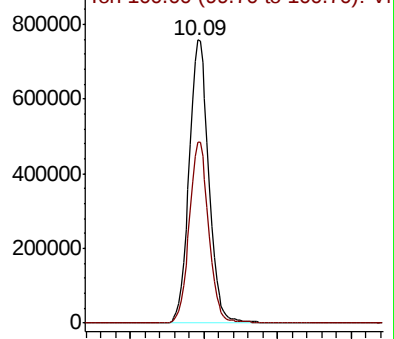
Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.8



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



#62

4-Bromofluorobenzene

Concen: 40.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050734.D

Acq: 17 Aug 2018 16:52

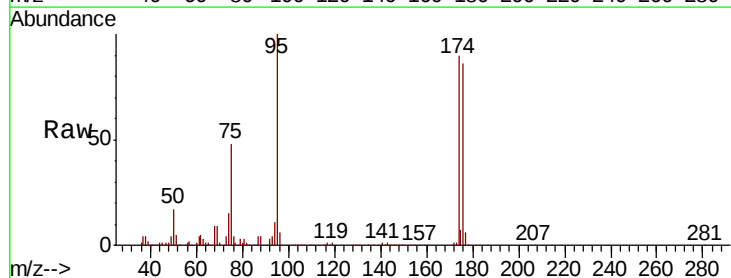
Tgt Ion: 95 Resp: 407229

Ion Ratio Lower Upper

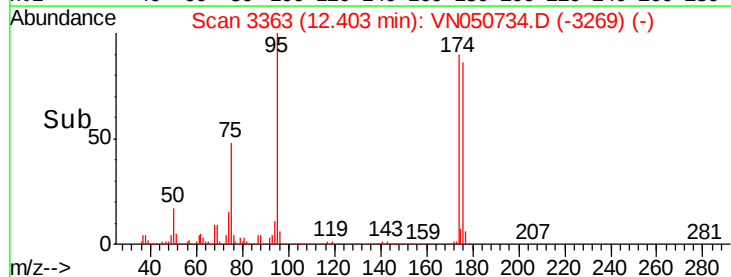
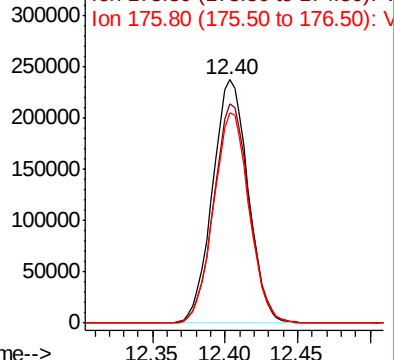
95 100

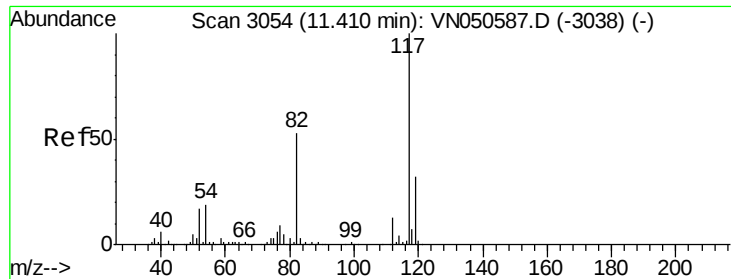
174 89.9 0.0 177.8

176 86.1 0.0 175.0



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

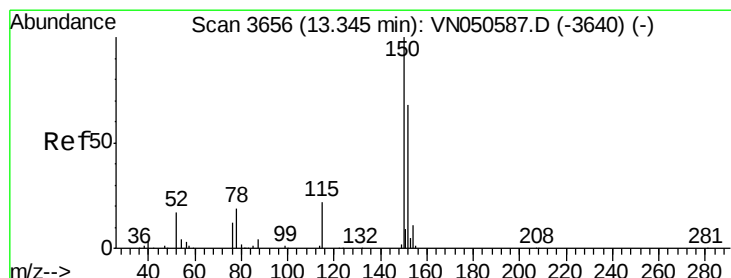
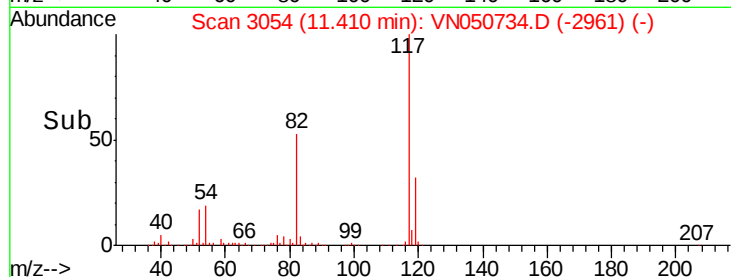
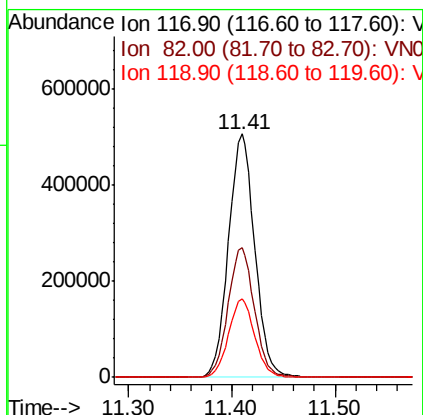
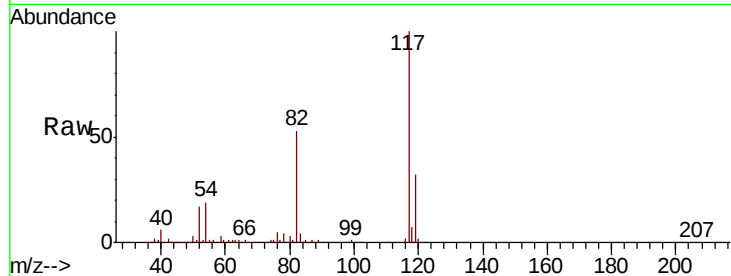




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050734.D
Acq: 17 Aug 2018 16:52

Instrument :
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ClientSampleId :
PB112140ZHE#08

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	32.3	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: VN050734.D
Acq: 17 Aug 2018 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.1	84.2
150	155.6	0.0	347.8

