

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050735.D
 Acq On : 17 Aug 2018 17:16
 Operator : MD\SY
 Sample : PB112140ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#09

Quant Time: Aug 18 01:08:50 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	592574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1005282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318546	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	417503	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
35) Dibromofluoromethane	7.59	113	379550	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	1366308	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
62) 4-Bromofluorobenzene	12.40	95	382255	38.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.62%	

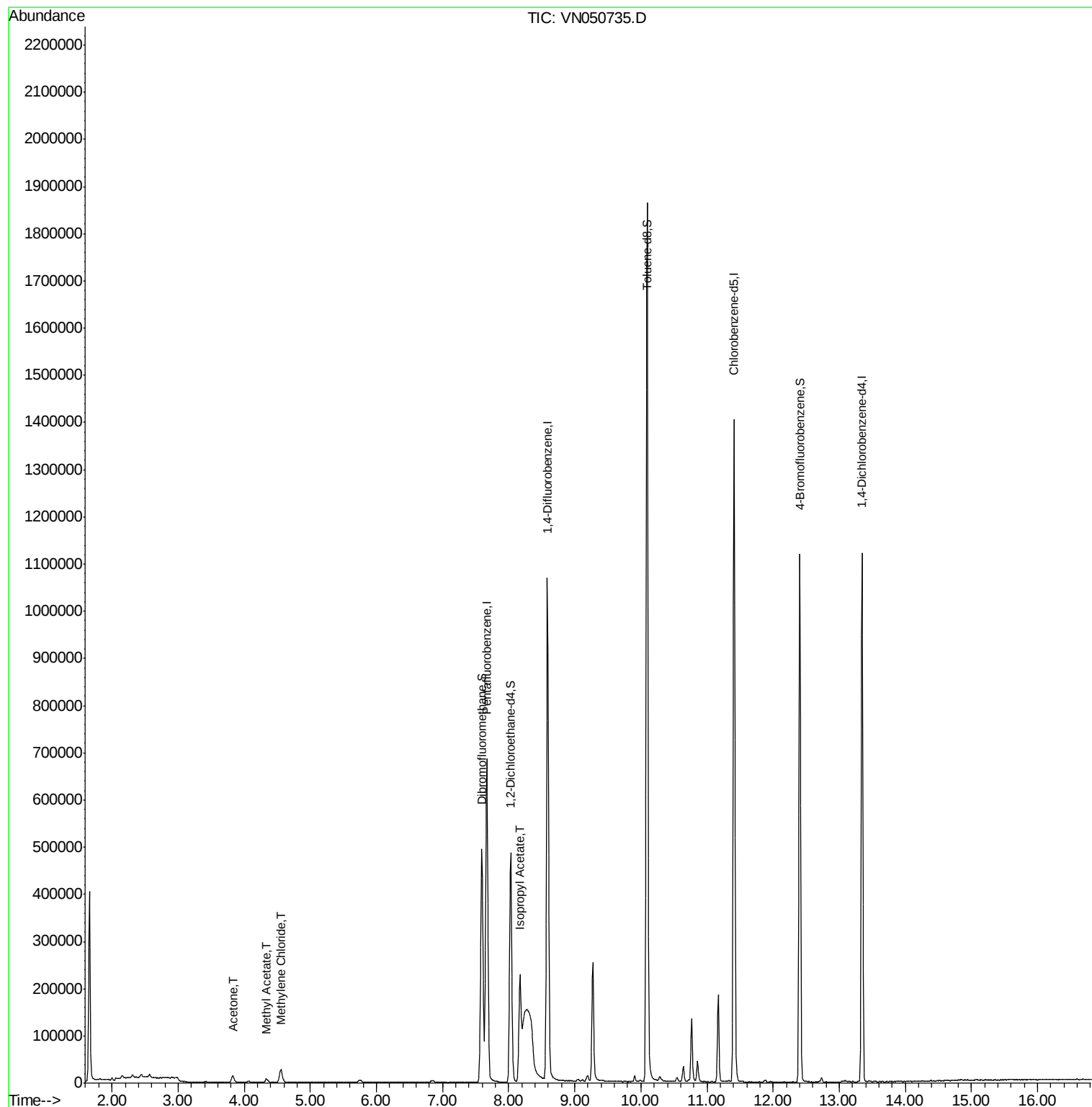
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	24994	12.02	ug/l	96
18) Methyl Acetate	4.33	43	14517	1.81	ug/l	95
20) Methylene Chloride	4.55	84	21318	1.78	ug/l	95
43) Isopropyl Acetate	8.17	43	287206	24.91	ug/l	95

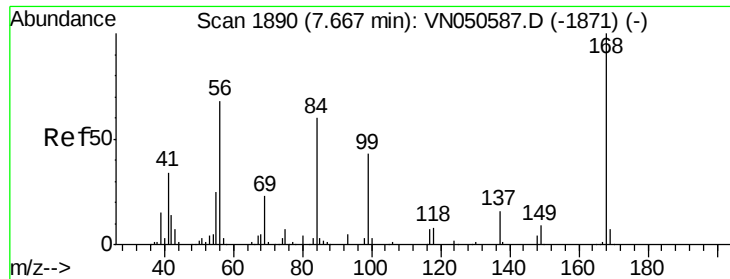
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
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: VN050735.D

Acq: 17 Aug 2018 17:16

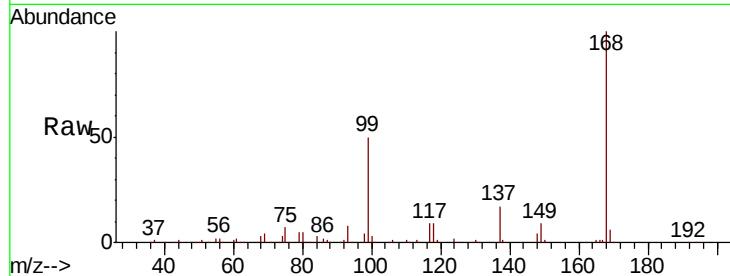
Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#09

Tot Ion:168 Resp: 592574

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

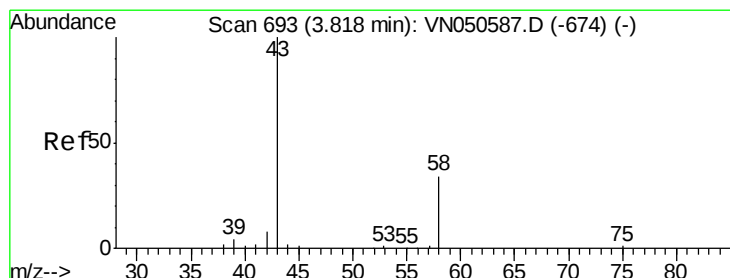
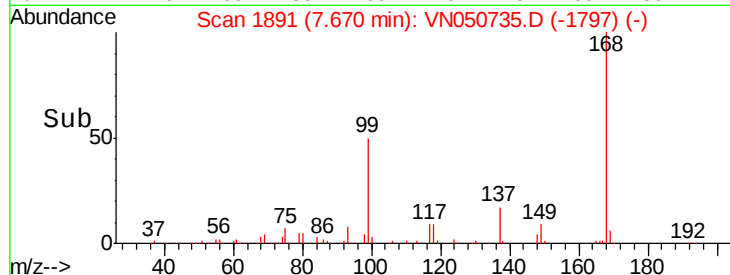
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.02 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050735.D

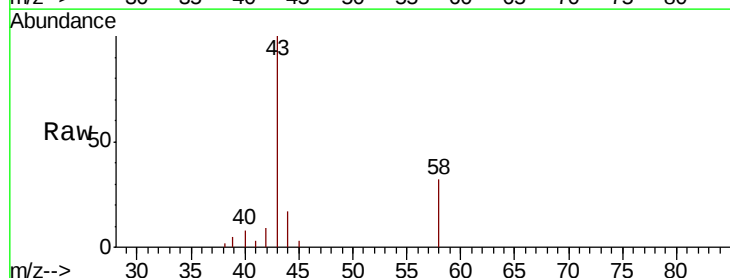
Acq: 17 Aug 2018 17:16

Tgt Ion: 43 Resp: 24994

Ion Ratio Lower Upper

43 100

58 31.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

10000

8000

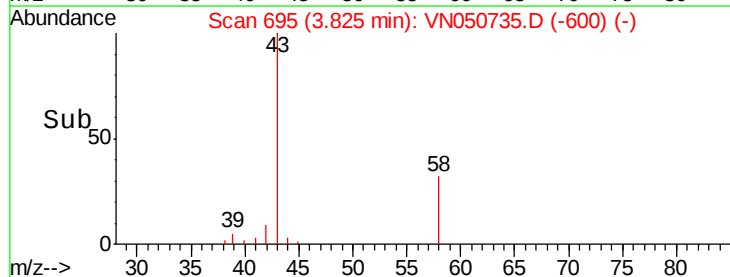
6000

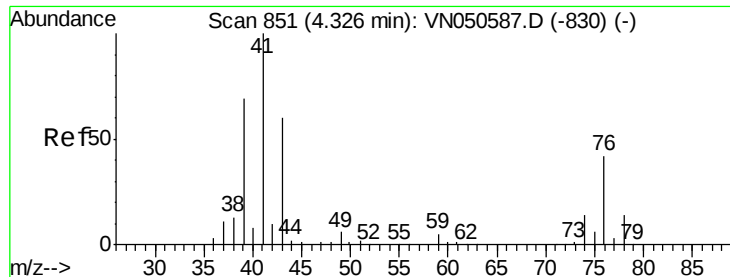
4000

2000

0

Time-->

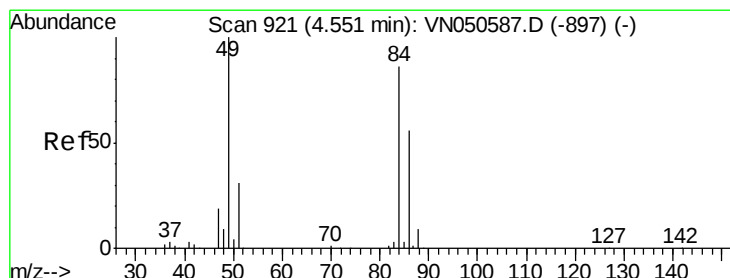
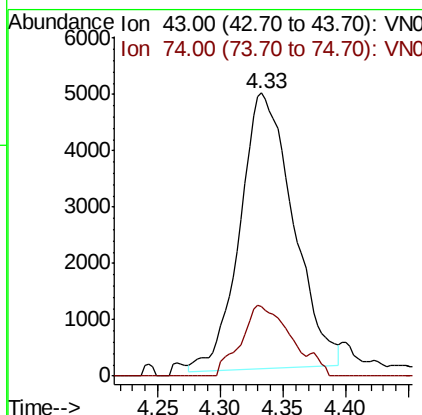
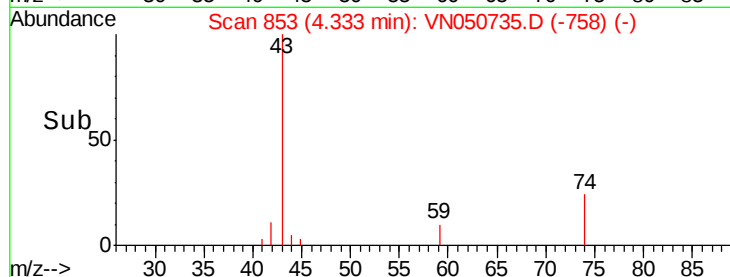
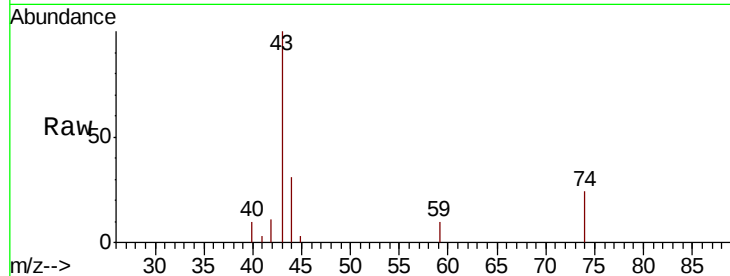




#18
Methyl Acetate
Concen: 1.81 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050735.D
Acq: 17 Aug 2018 17:16

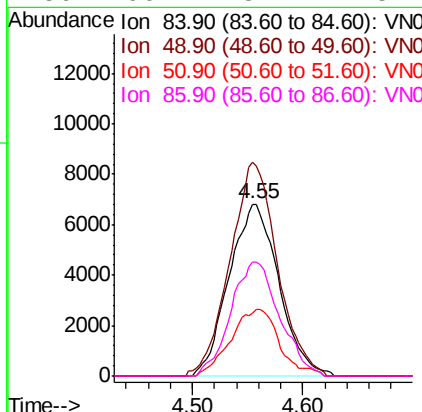
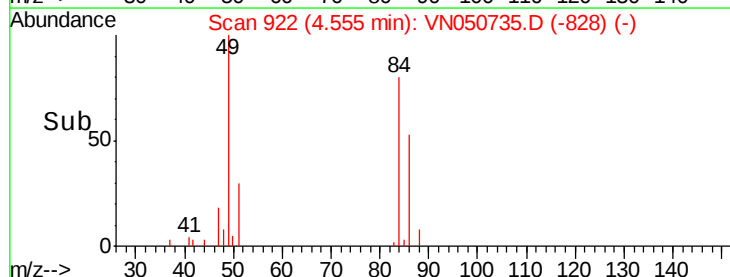
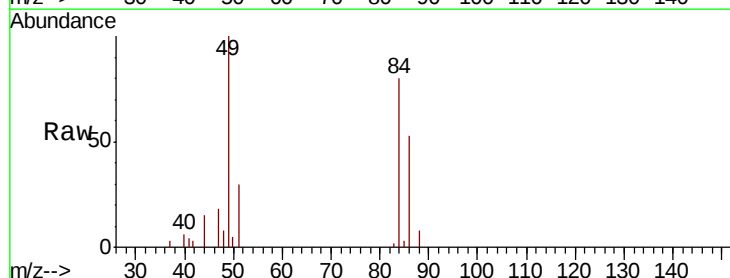
Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#09

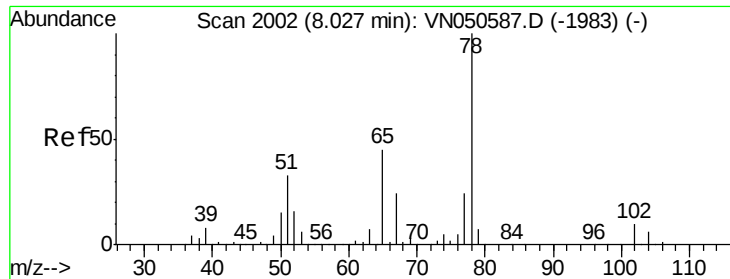
Tot Ion: 43 Resp: 14517
Ion Ratio Lower Upper
43 100
74 22.3 19.7 29.5



#20
Methylene Chloride
Concen: 1.78 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050735.D
Acq: 17 Aug 2018 17:16

Tgt Ion: 84 Resp: 21318
Ion Ratio Lower Upper
84 100
49 124.3 92.6 138.8
51 36.8 28.6 43.0
86 66.2 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 55.89 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050735.D

Acq: 17 Aug 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

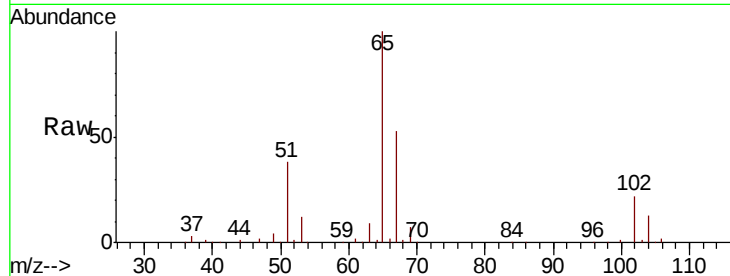
PB112140ZHE#09

Tot Ion: 65 Resp: 417503

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

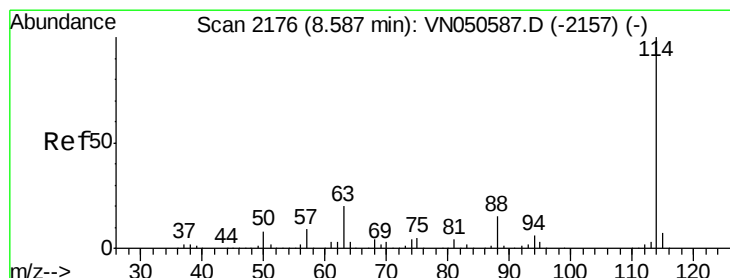
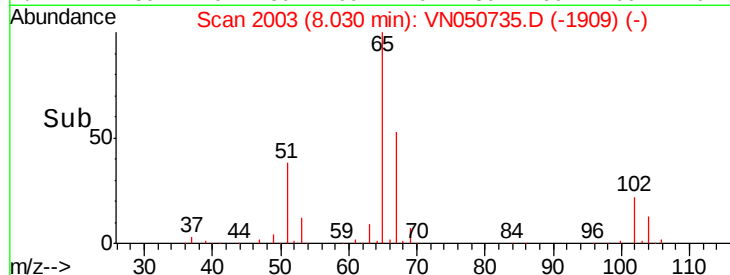
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050735.D

Acq: 17 Aug 2018 17:16

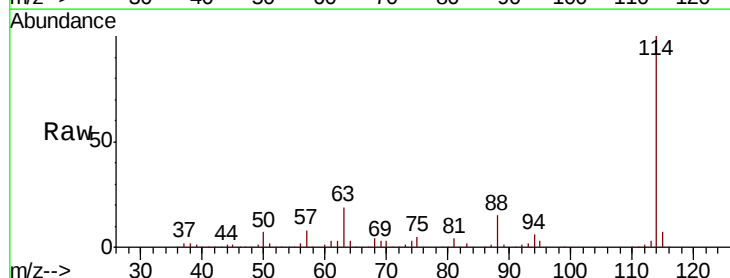
Tgt Ion: 114 Resp: 1005282

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

500000

400000

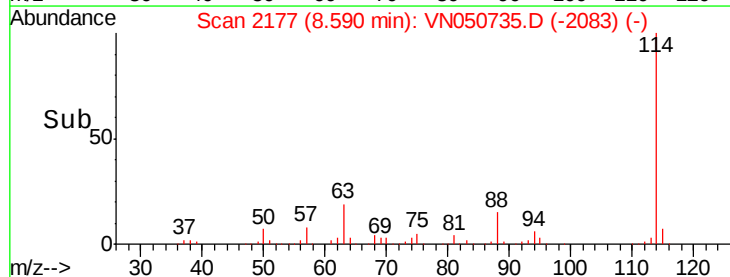
300000

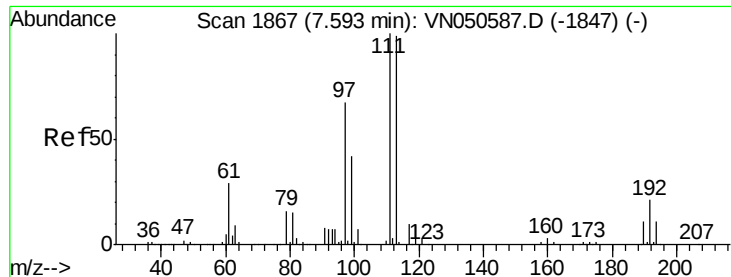
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.29 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050735.D

Acq: 17 Aug 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

PB112140ZHE#09

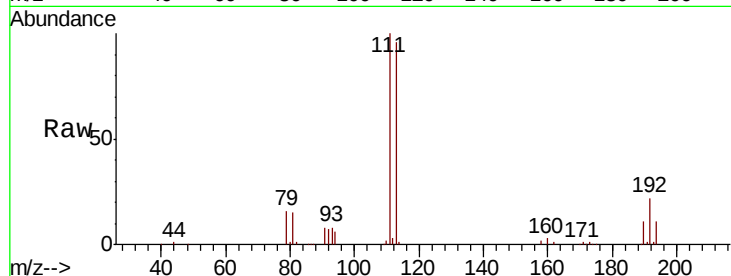
Tot Ion:113 Resp: 379550

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.6

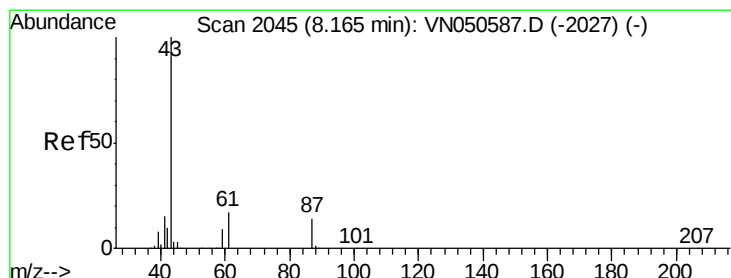
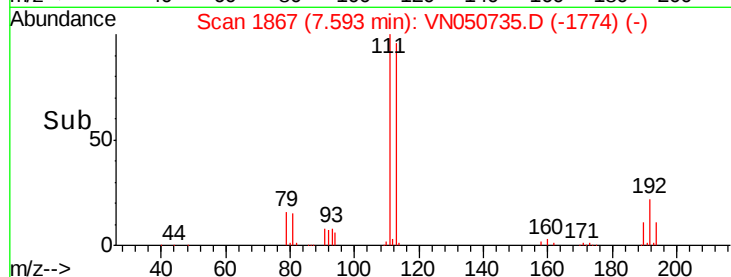
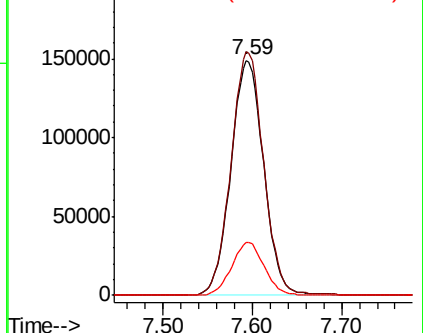
192 22.4 17.6 26.4



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: 24.91 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050735.D

Acq: 17 Aug 2018 17:16

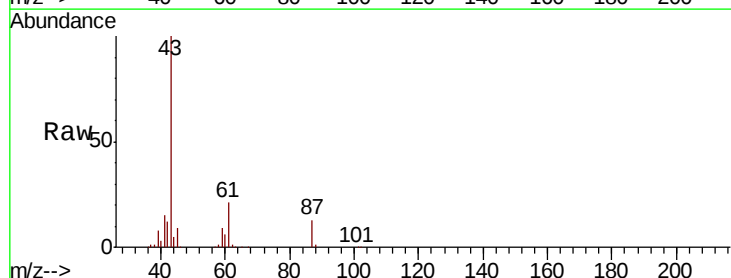
Tgt Ion: 43 Resp: 287206

Ion Ratio Lower Upper

43 100

61 18.3 16.2 24.2

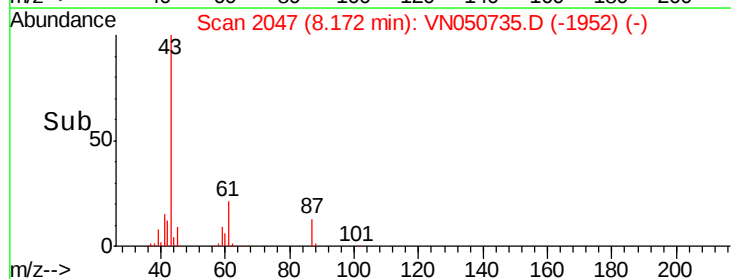
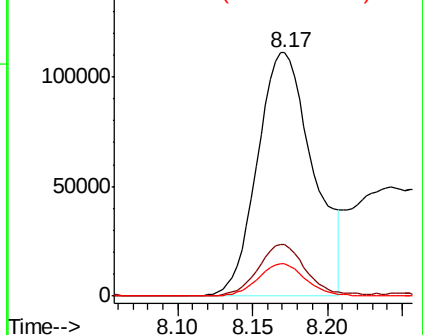
87 11.3 10.9 16.3

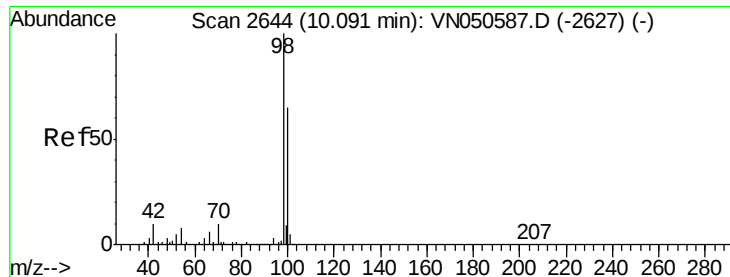


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 45.23 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050735.D

Acq: 17 Aug 2018 17:16

Instrument :

MSVOA_N

ClientSampleId :

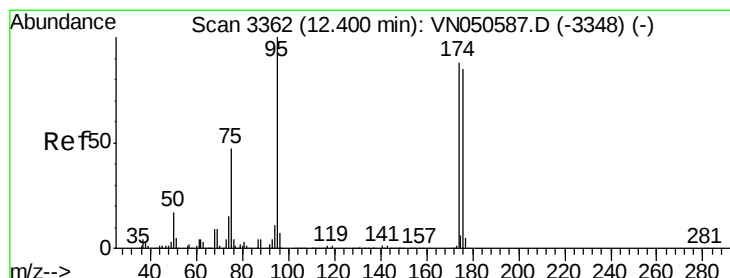
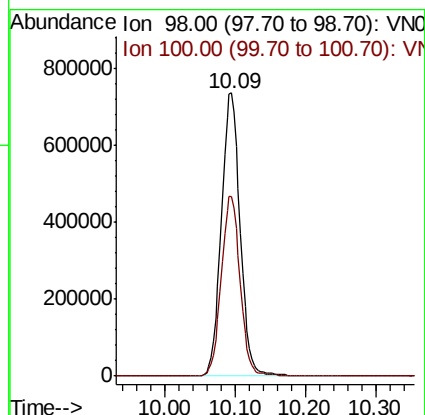
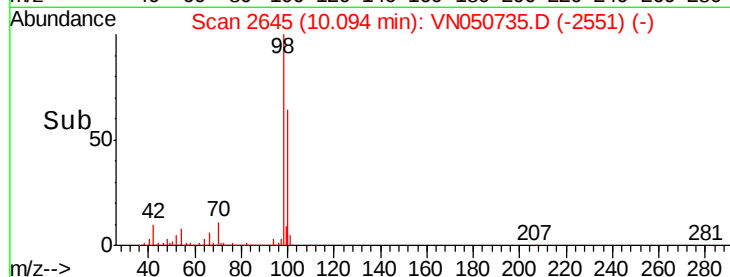
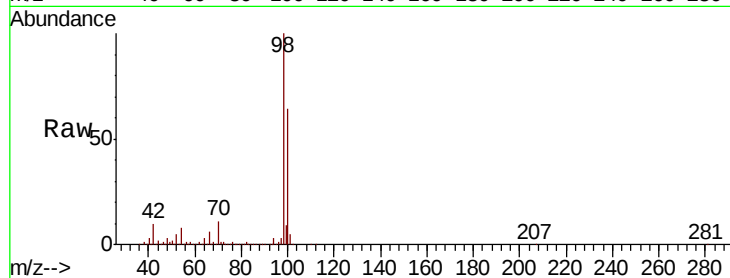
PB112140ZHE#09

Tot Ion: 98 Resp: 1366308

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 38.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050735.D

Acq: 17 Aug 2018 17:16

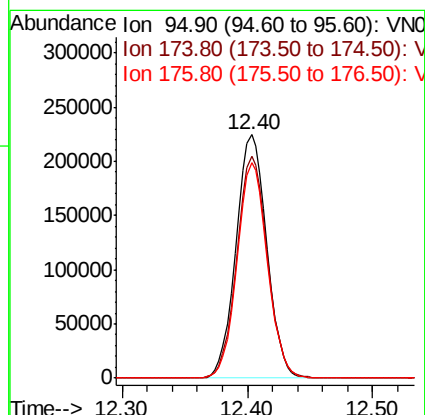
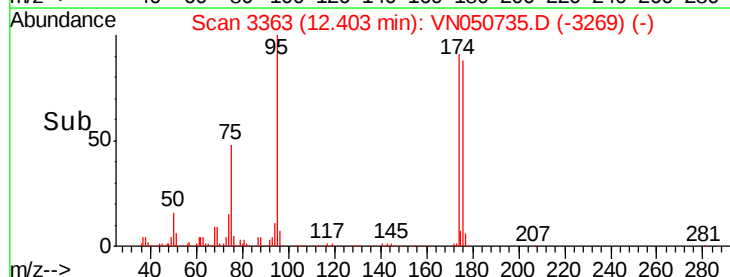
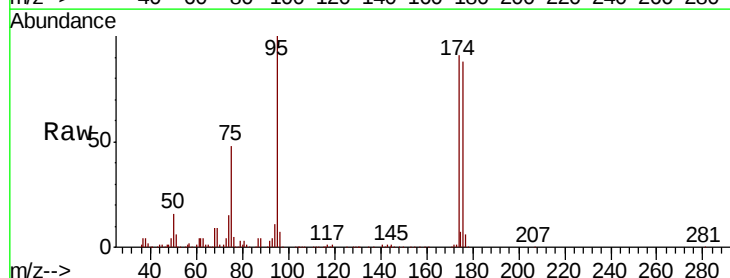
Tgt Ion: 95 Resp: 382255

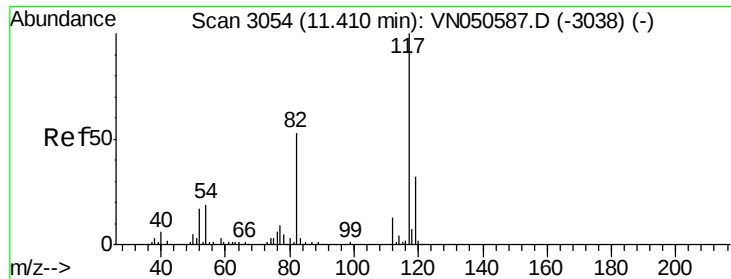
Ion Ratio Lower Upper

95 100

174 90.7 0.0 177.8

176 87.1 0.0 175.0

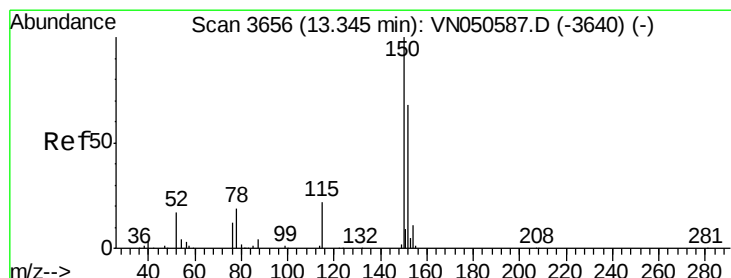
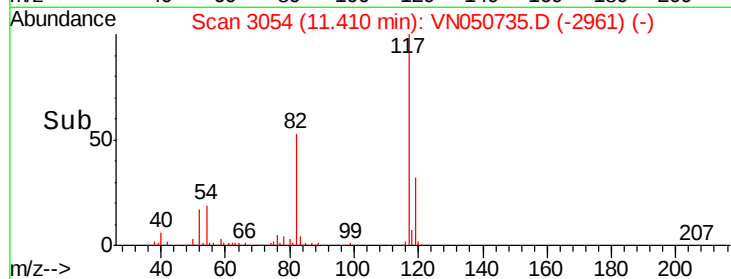
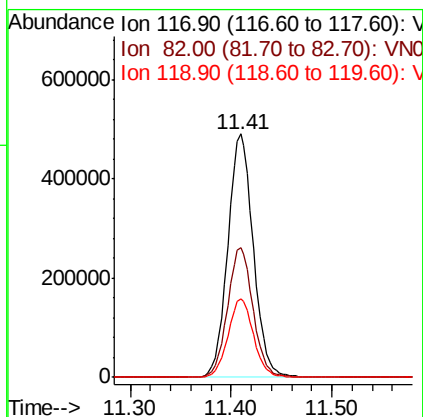
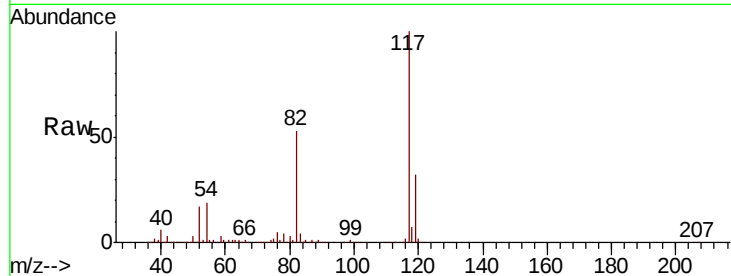




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050735.D
Acq: 17 Aug 2018 17:16

Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#09

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	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: VN050735.D
Acq: 17 Aug 2018 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.1	84.2
150	155.0	0.0	347.8

