

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050798.D
 Acq On : 21 Aug 2018 22:36
 Operator : MD\SY
 Sample : PB112227ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#04

Quant Time: Aug 22 07:33:32 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	639432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1037745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270106	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	414729	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	390556	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	1416430	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.40	95	366703	35.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.50%	

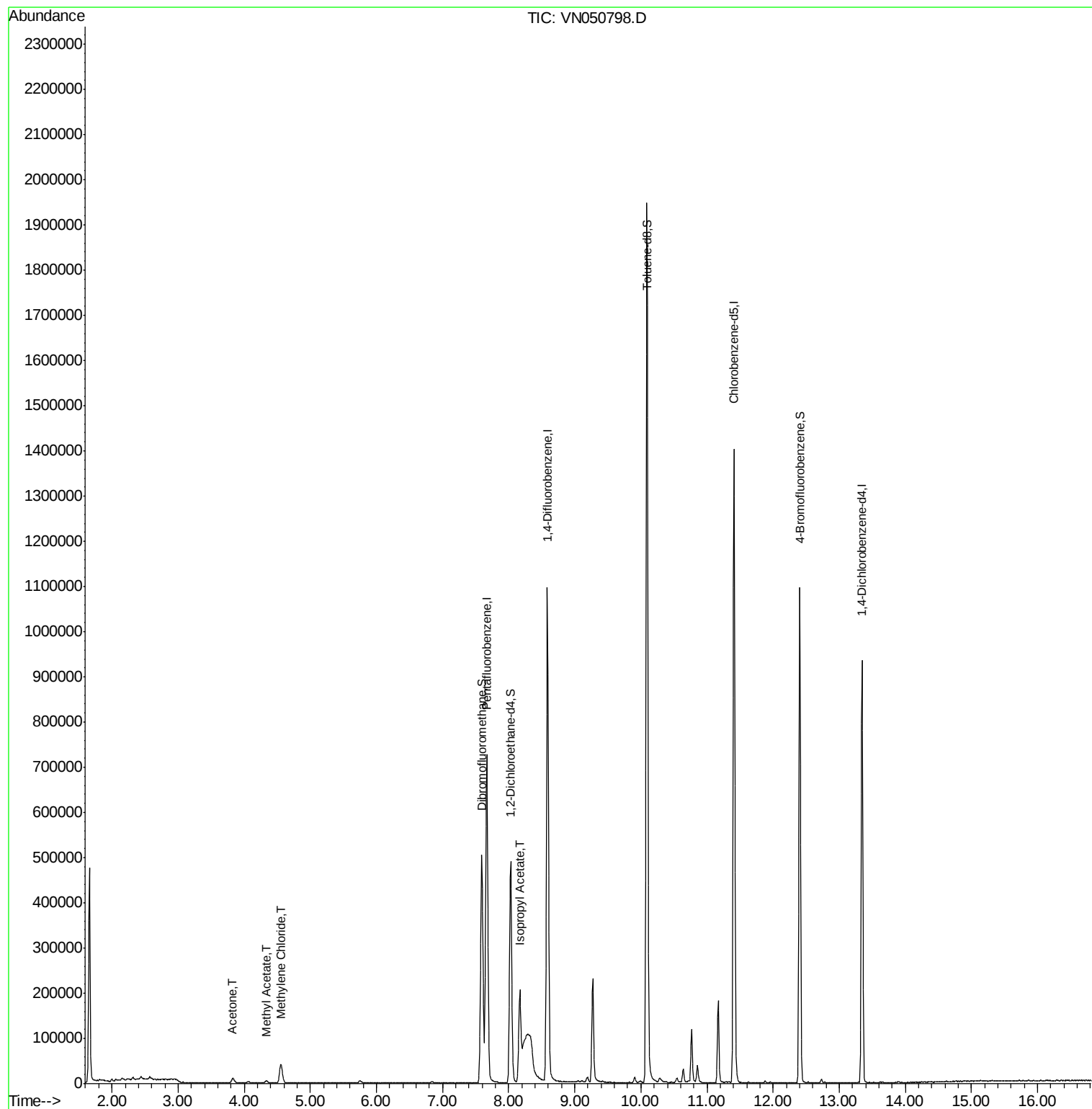
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	19970	4.00	ug/l	93
18) Methyl Acetate	4.34	43	9329	1.28	ug/l	99
20) Methylene Chloride	4.55	84	34078	3.93	ug/l	97
43) Isopropyl Acetate	8.17	43	270810	22.39	ug/l	94

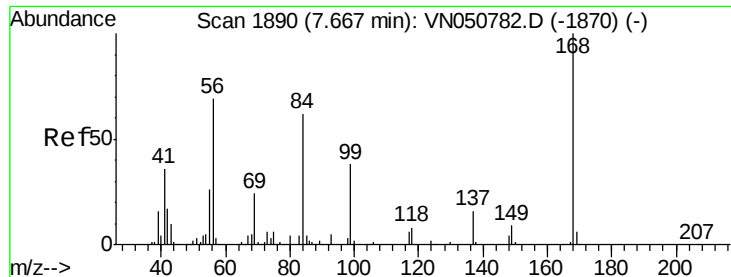
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050798.D

Acq: 21 Aug 2018 22:36

Instrument :

MSVOA_N

ClientSampleId :

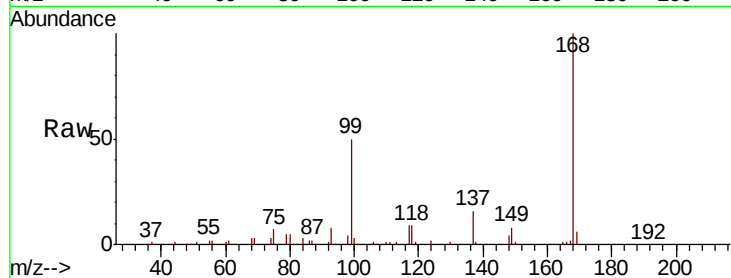
PB112227ZHE#04

Tot Ion:168 Resp: 639432

Ion Ratio Lower Upper

168 100

99 49.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

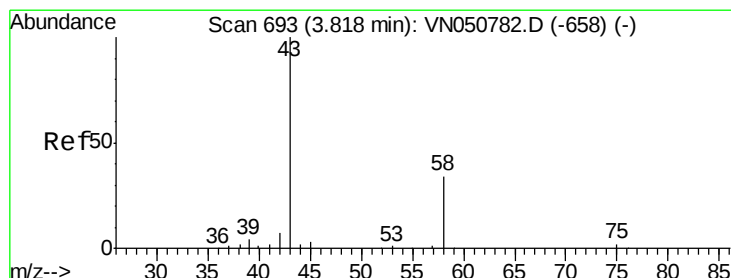
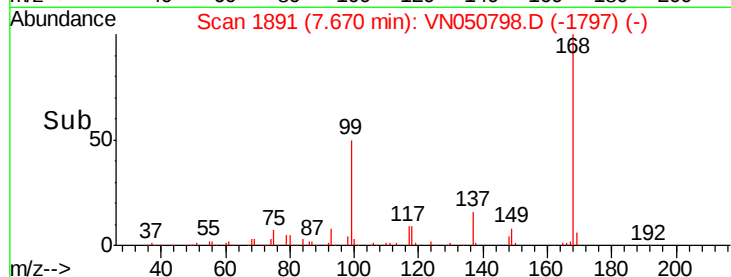
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.00 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050798.D

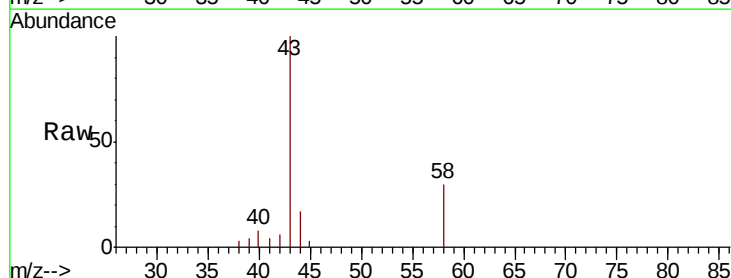
Acq: 21 Aug 2018 22:36

Tgt Ion: 43 Resp: 19970

Ion Ratio Lower Upper

43 100

58 29.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

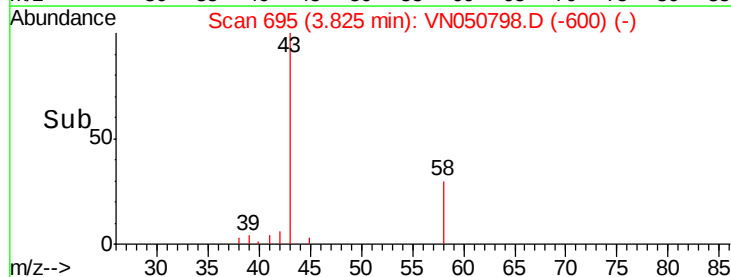
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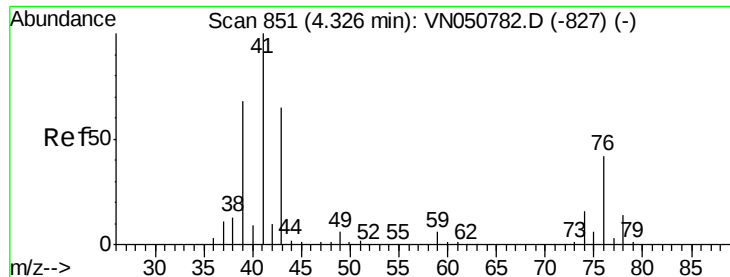
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2000

0

Time-->

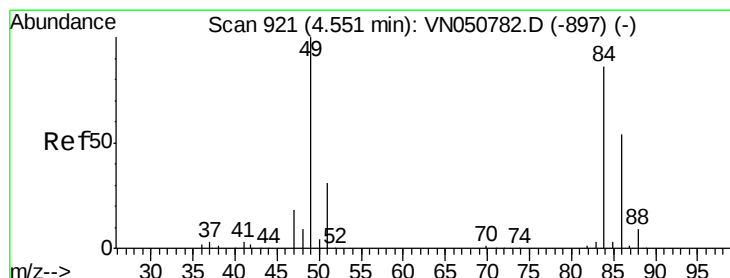
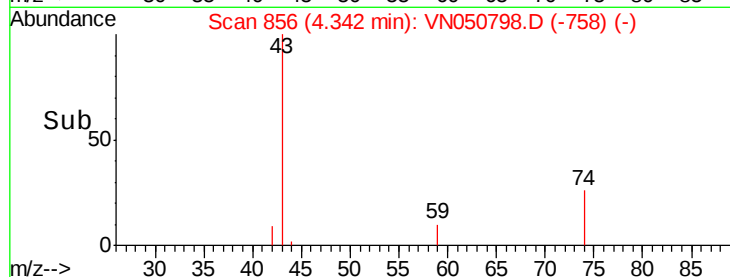
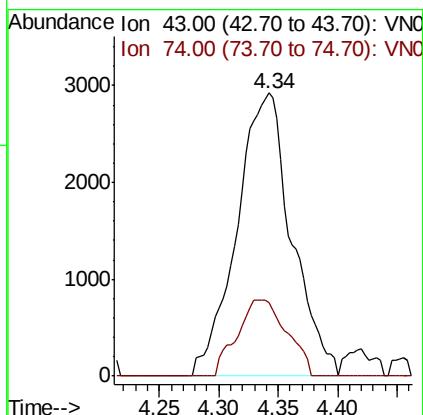
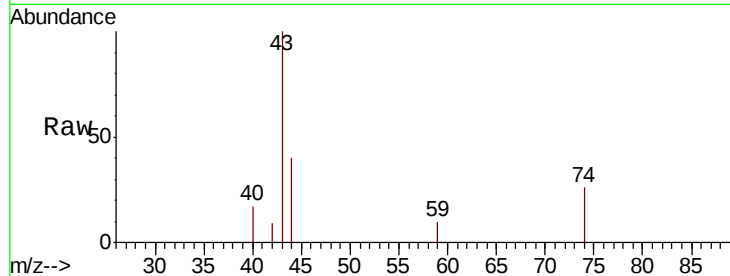




#18
Methyl Acetate
Concen: 1.28 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.02 min
Lab File: VN050798.D
Acq: 21 Aug 2018 22:36

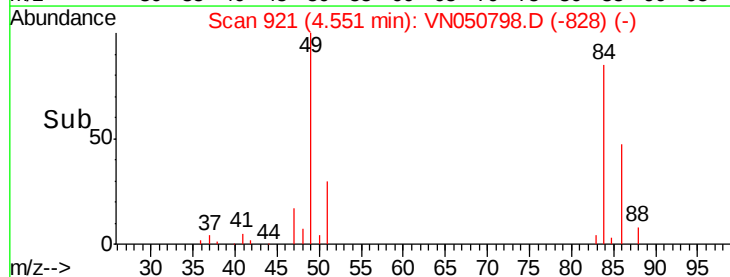
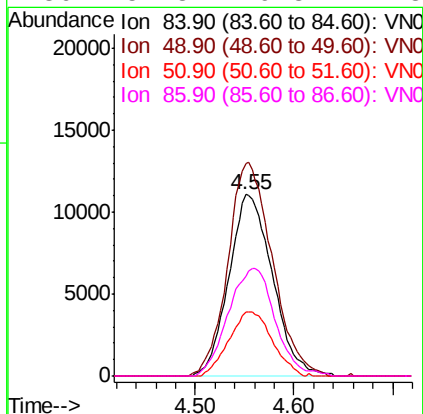
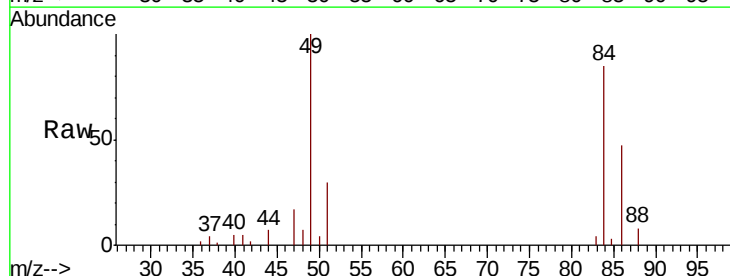
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#04

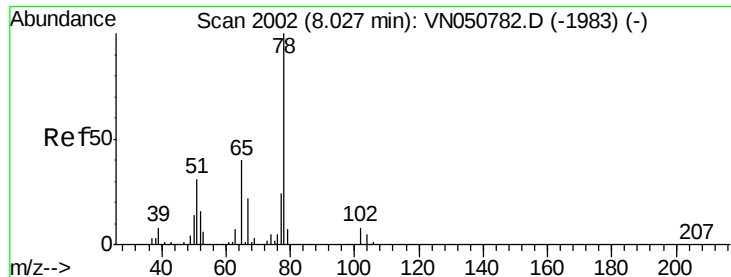
Tot Ion: 43 Resp: 9329
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



#20
Methylene Chloride
Concen: 3.93 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050798.D
Acq: 21 Aug 2018 22:36

Tgt Ion: 84 Resp: 34078
Ion Ratio Lower Upper
84 100
49 117.2 93.2 139.8
51 35.1 29.0 43.6
86 54.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 53.88 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050798.D

Acq: 21 Aug 2018 22:36

Instrument :

MSVOA_N

ClientSampleId :

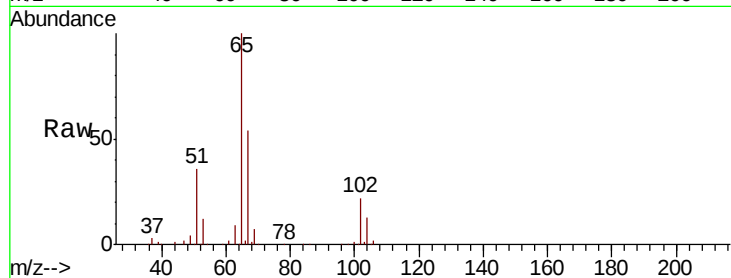
PB112227ZHE#04

Tot Ion: 65 Resp: 414729

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050798.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050798.D (-1983) (-)

8.03

200000

150000

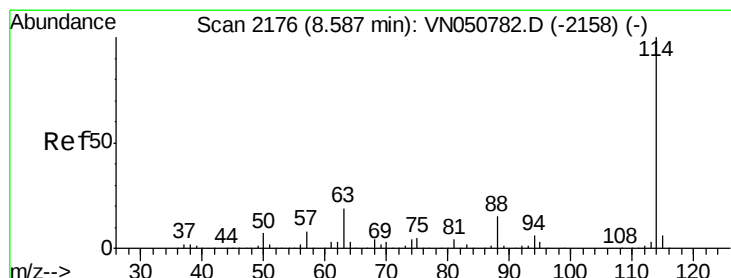
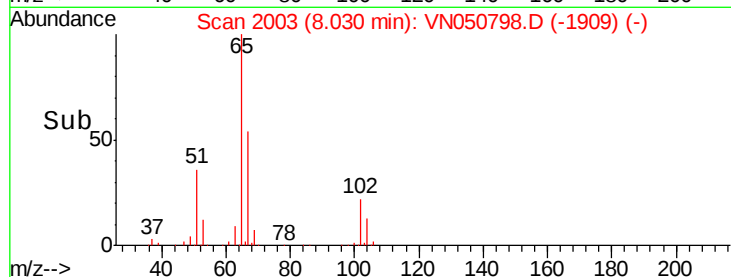
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050798.D

Acq: 21 Aug 2018 22:36

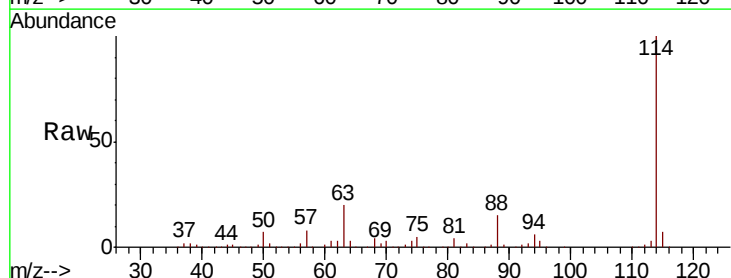
Tgt Ion:114 Resp: 1037745

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050798.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050798.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050798.D (-2158) (-)

8.59

600000

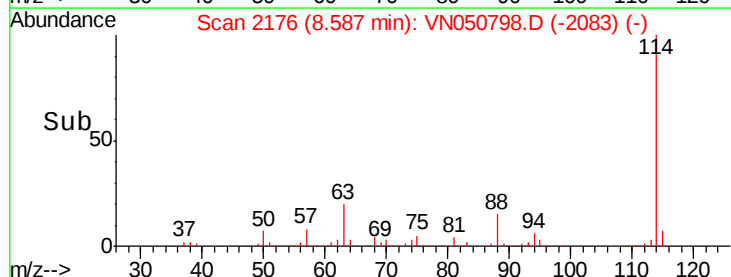
400000

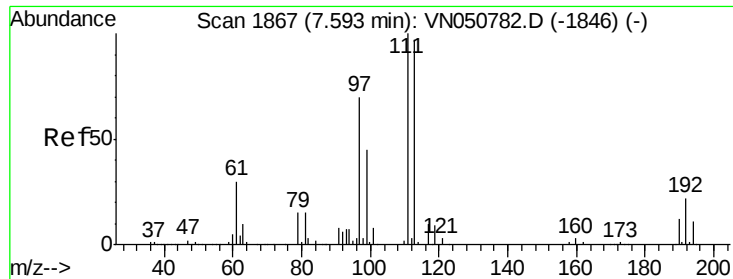
200000

0

8.50 8.60 8.70

Time-->

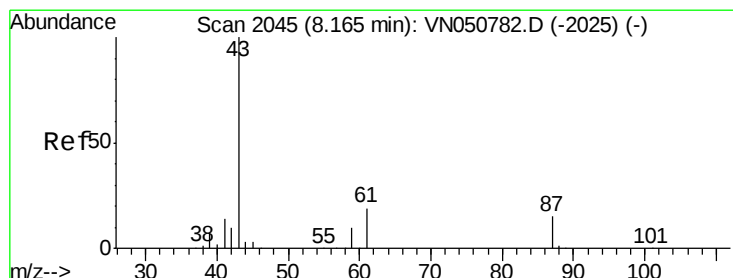
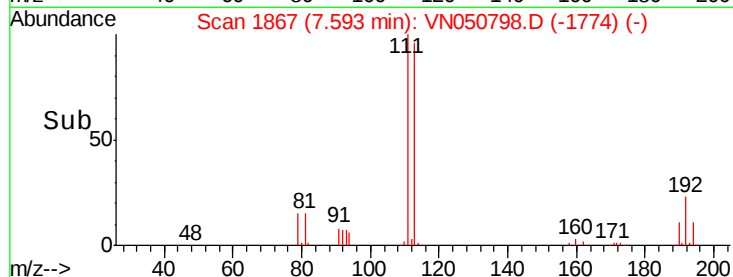
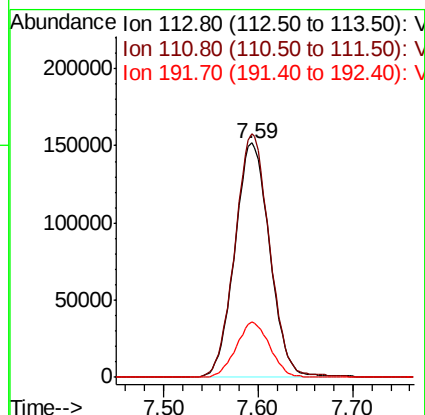
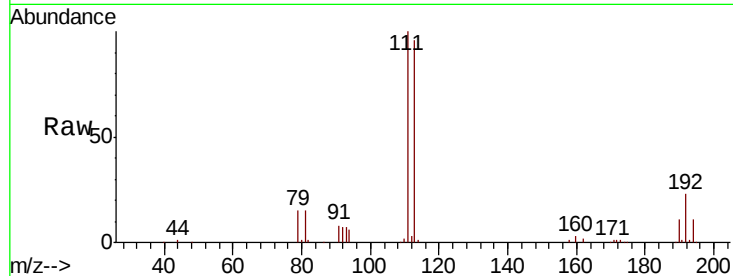




#35
 Dibromofluoromethane
 Concen: 47.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050798.D
 Acq: 21 Aug 2018 22:36

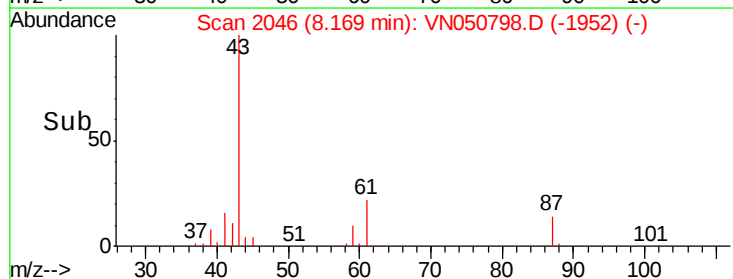
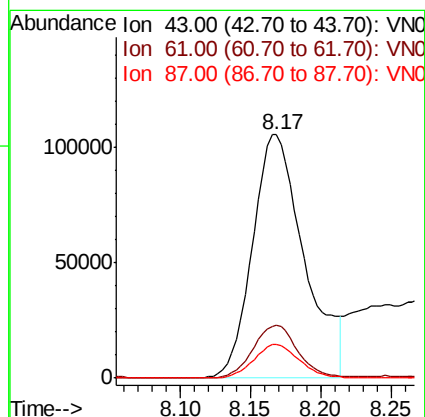
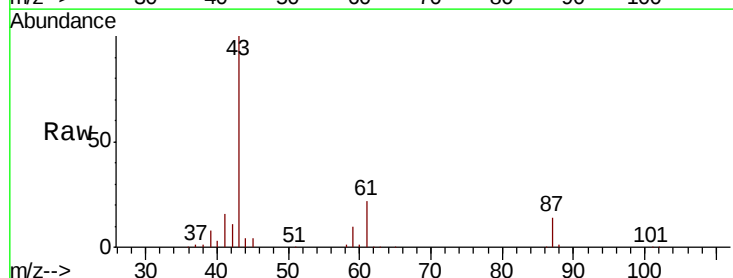
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#04

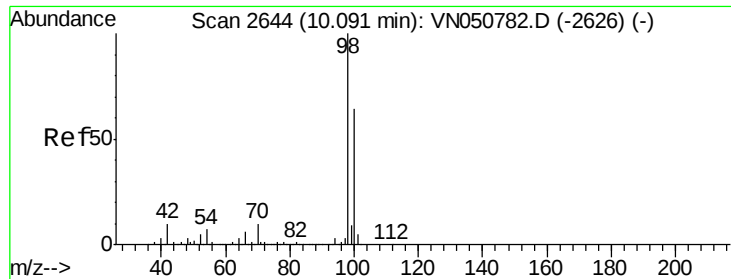
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 22.39 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050798.D
 Acq: 21 Aug 2018 22:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	17.5	26.3
87	12.0	11.3	16.9





#50

Toluene-d8

Concen: 45.89 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050798.D

Acq: 21 Aug 2018 22:36

Instrument :

MSVOA_N

ClientSampleId :

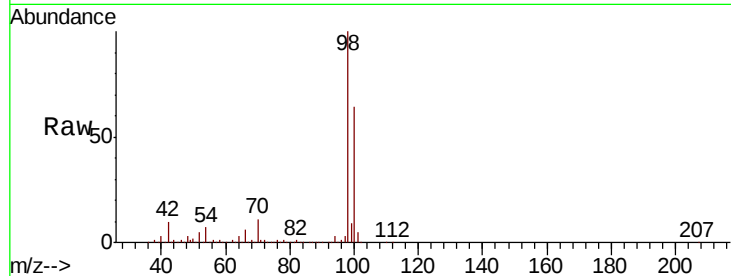
PB112227ZHE#04

Tot Ion: 98 Resp: 1416430

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)

10.09

800000

600000

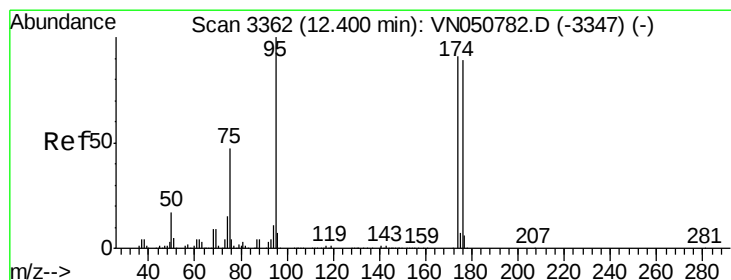
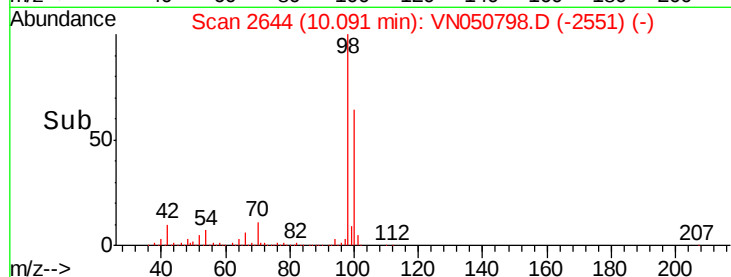
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 35.75 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050798.D

Acq: 21 Aug 2018 22:36

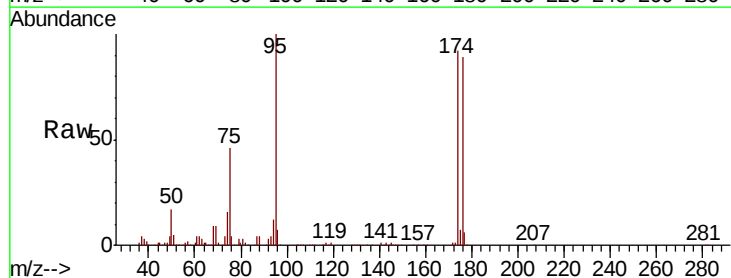
Tgt Ion: 95 Resp: 366703

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.0

176 87.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

300000

250000

200000

150000

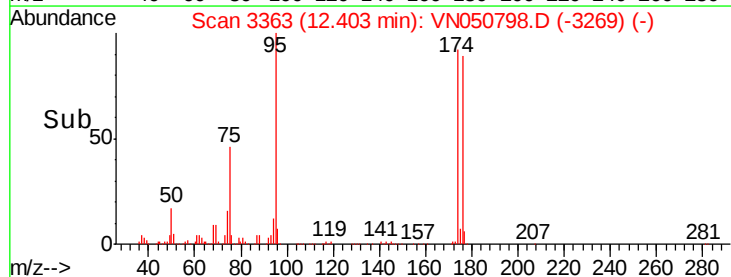
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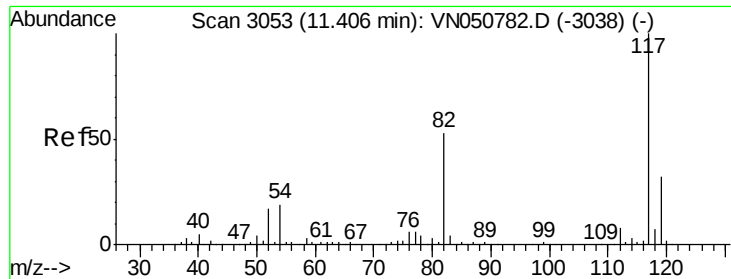
50000

0

12.30 12.40 12.50

Time-->

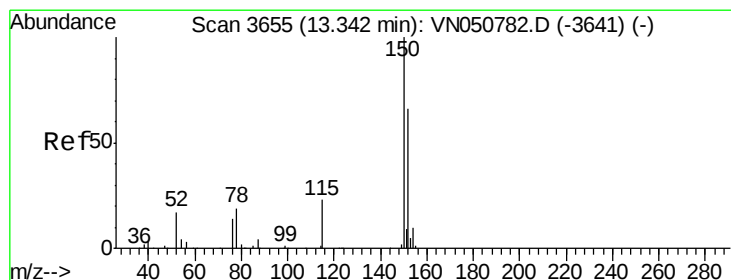
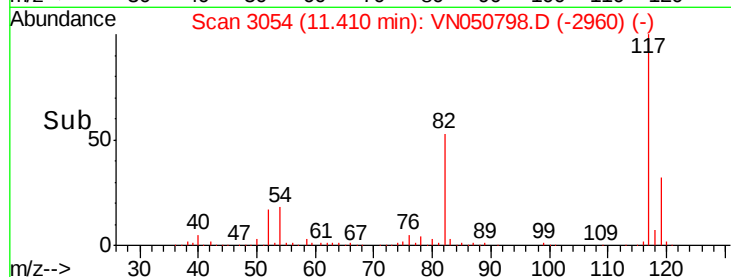
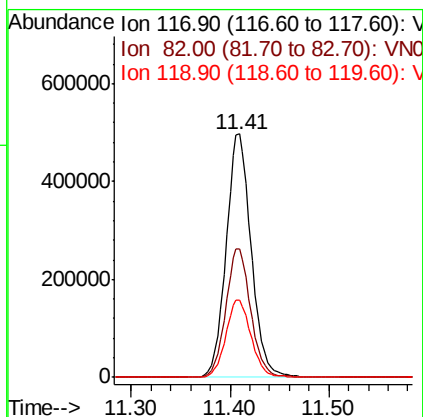
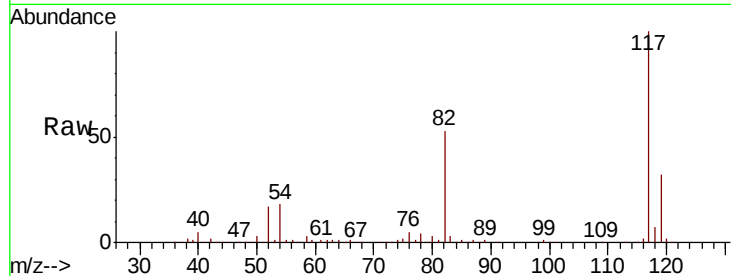




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050798.D
Acq: 21 Aug 2018 22:36

Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#04

Tot Ion:117 Resp: 881041
Ion Ratio Lower Upper
117 100
82 52.7 42.6 64.0
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050798.D
Acq: 21 Aug 2018 22:36

Tgt Ion:152 Resp: 270106
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 157.0 0.0 351.4

