

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050527.D
 Acq On : 10 Aug 2018 19:05
 Operator : MD\SY
 Sample : PB111921ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#06

Quant Time: Aug 11 01:10:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	654717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	959256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	375995	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	449322	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	7.60	113	413445	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	10.09	98	1484698	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	437574	39.01	ug/l	0.00
Spiked Amount			Recovery	=	78.02%	

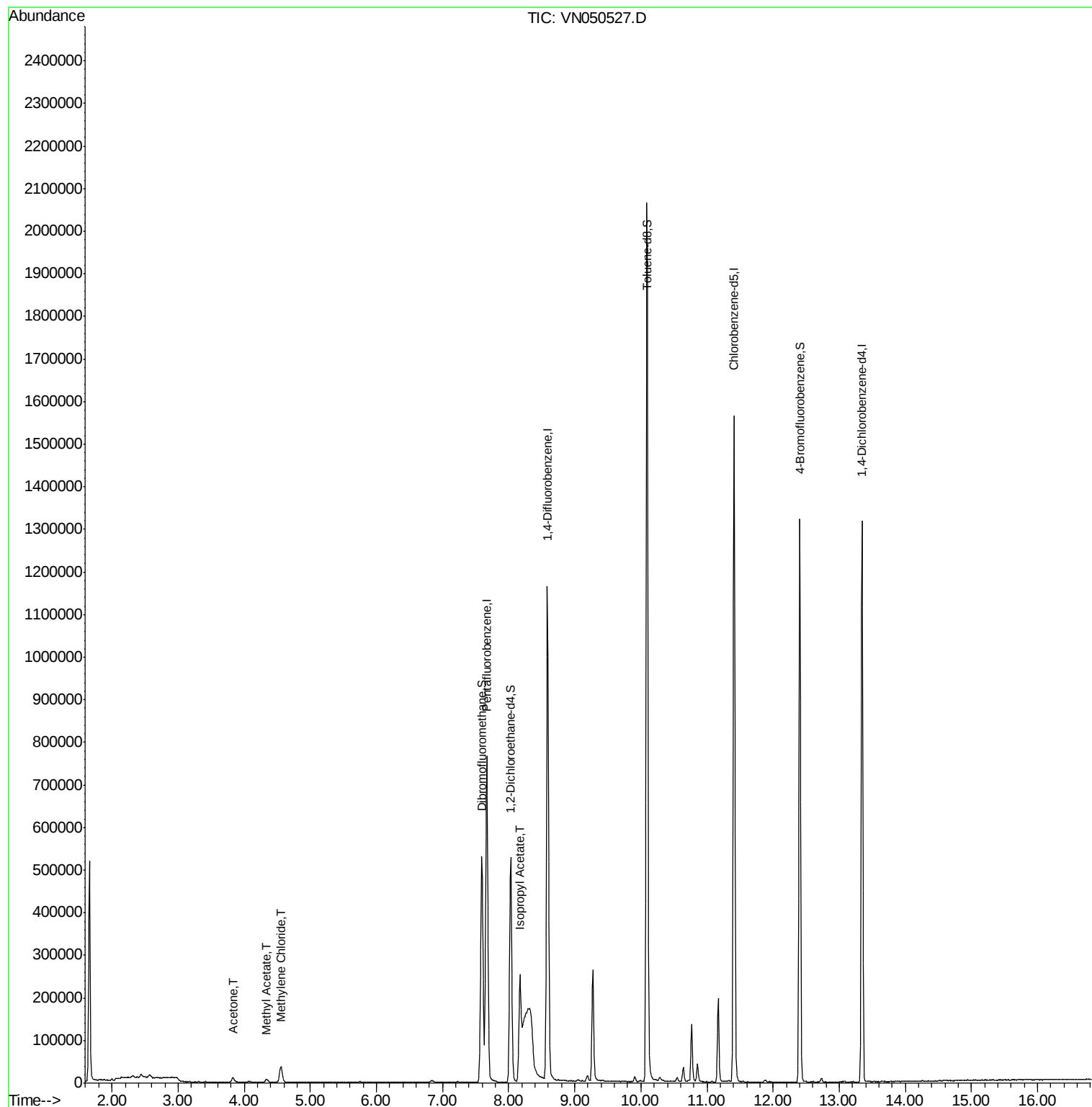
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20047	7.34	ug/l	98
18) Methyl Acetate	4.33	43	14442	1.94	ug/l	97
20) Methylene Chloride	4.55	84	29933	2.27	ug/l	95
43) Isopropyl Acetate	8.17	43	307327	20.62	ug/l	95

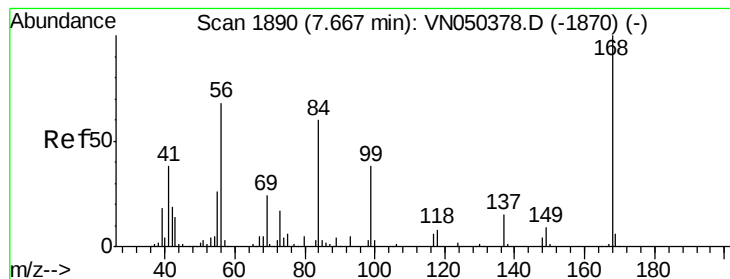
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050527.D

Acq: 10 Aug 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

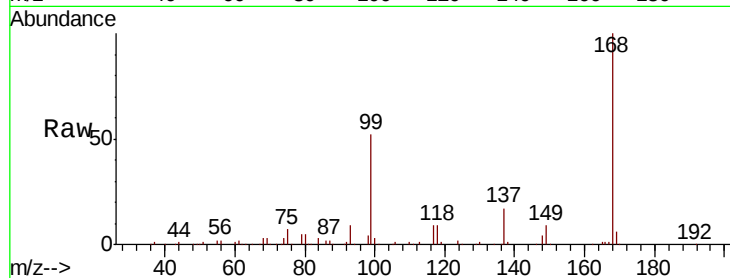
PB111921ZHE#06

Tot Ion:168 Resp: 654717

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

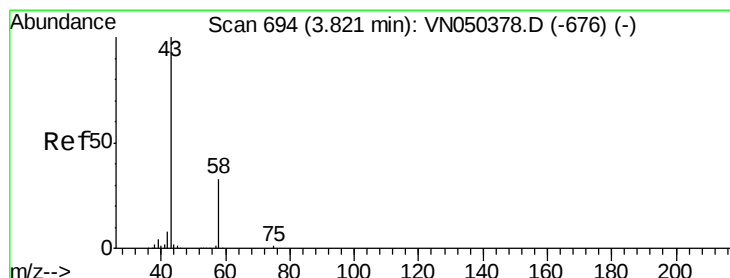
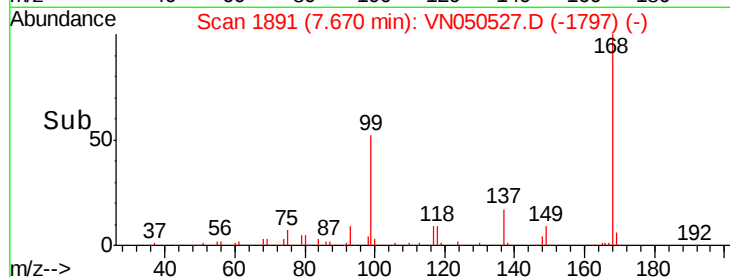
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.34 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050527.D

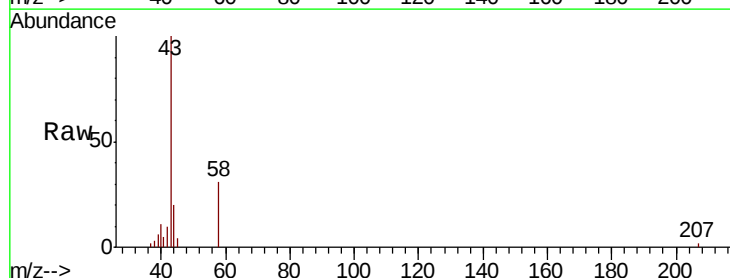
Acq: 10 Aug 2018 19:05

Tgt Ion: 43 Resp: 20047

Ion Ratio Lower Upper

43 100

58 31.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

8000

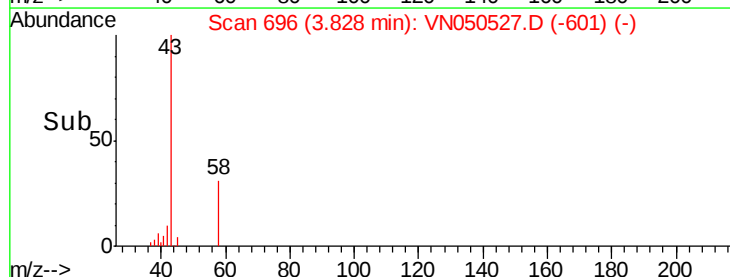
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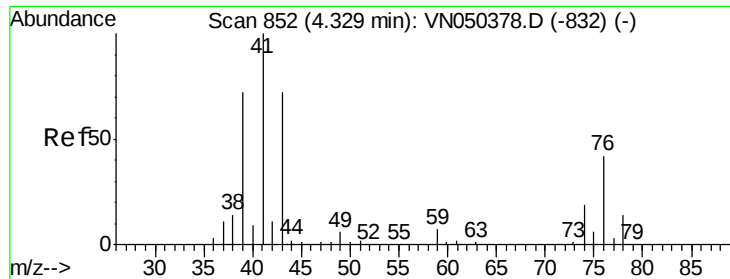
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2000

0

Time-->

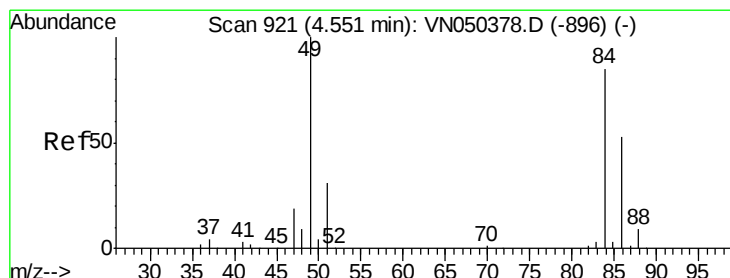
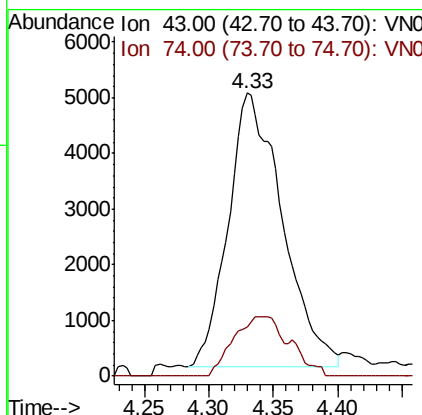
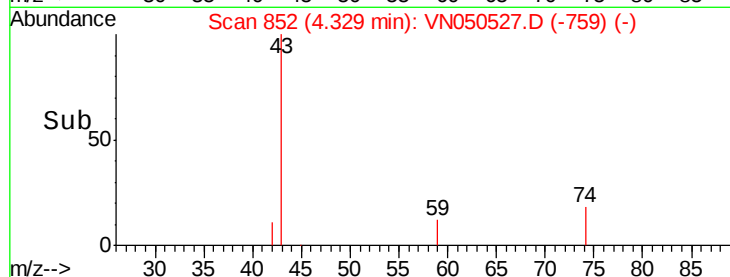
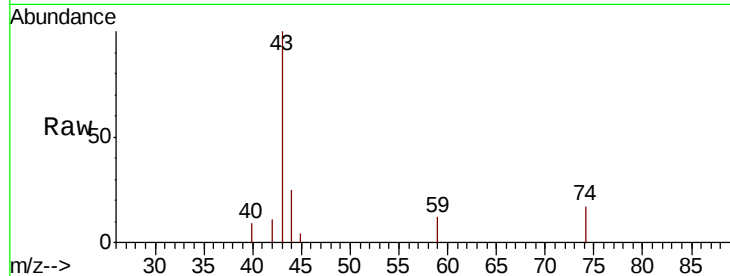




#18
Methyl Acetate
Concen: 1.94 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050527.D
Acq: 10 Aug 2018 19:05

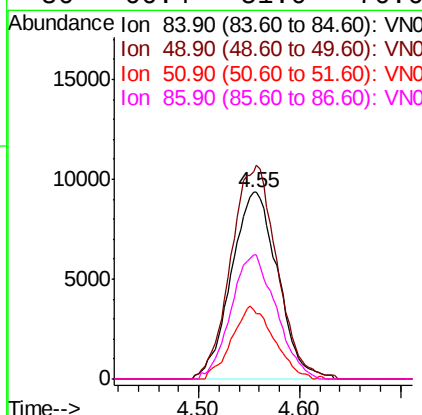
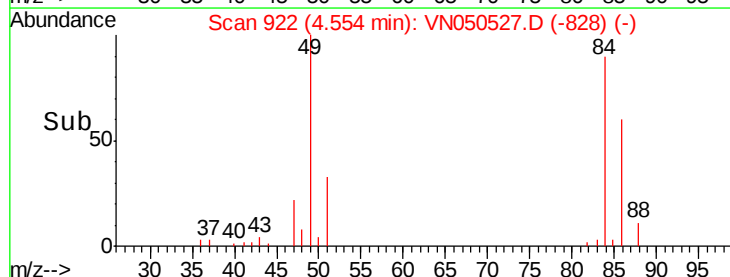
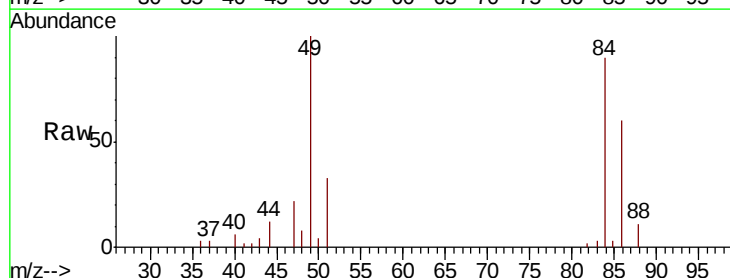
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#06

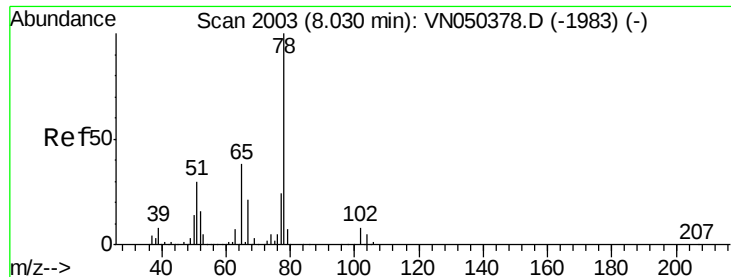
Tot Ion: 43 Resp: 14442
Ion Ratio Lower Upper
43 100
74 22.4 19.2 28.8



#20
Methylene Chloride
Concen: 2.27 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050527.D
Acq: 10 Aug 2018 19:05

Tgt Ion: 84 Resp: 29933
Ion Ratio Lower Upper
84 100
49 111.2 94.8 142.2
51 36.8 28.3 42.5
86 66.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.37 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050527.D

Acq: 10 Aug 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

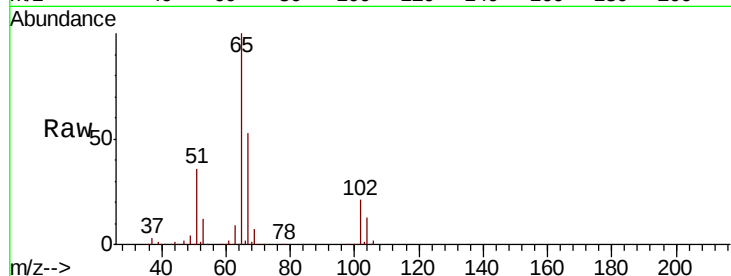
PB111921ZHE#06

Tot Ion: 65 Resp: 449322

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050378.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050378.D (-1983) (-)

8.03

200000

150000

100000

50000

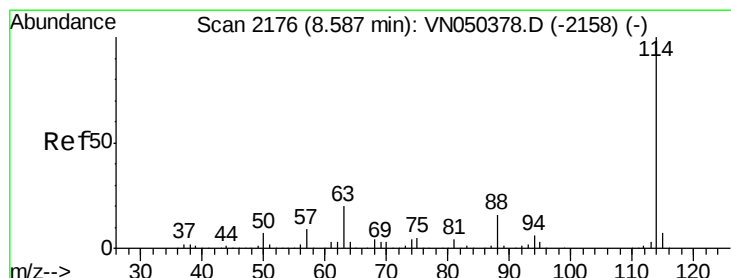
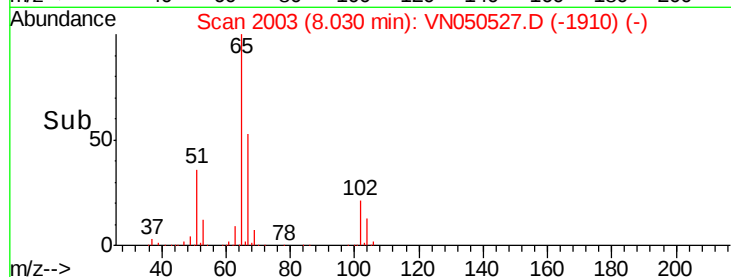
0

7.90

8.00

8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050527.D

Acq: 10 Aug 2018 19:05

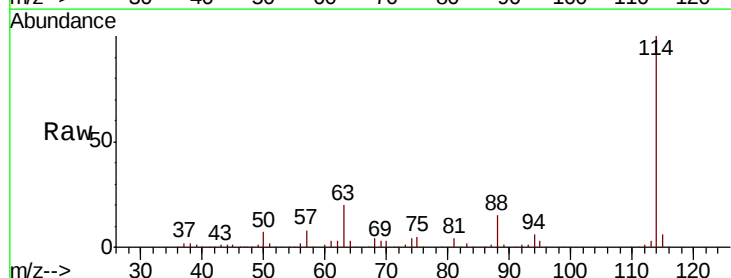
Tgt Ion: 114 Resp: 1090954

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050378.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050378.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050378.D (-2158) (-)

8.59

600000

400000

200000

0

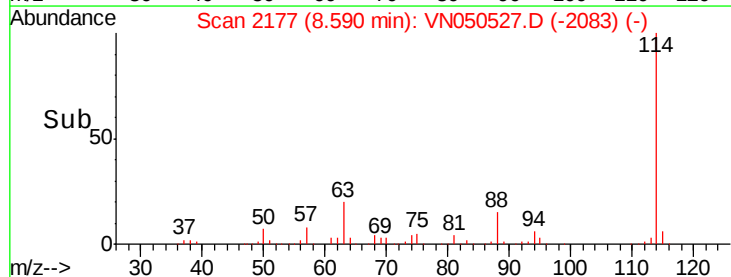
8.50

8.60

8.70

8.80

Time-->

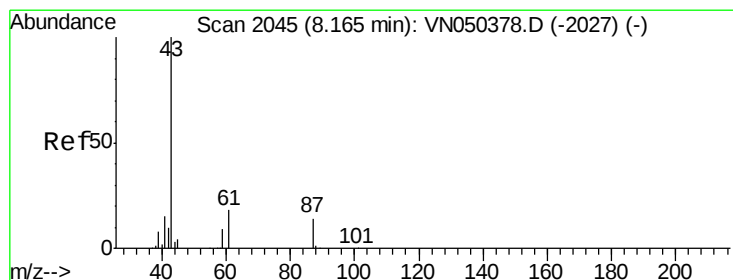
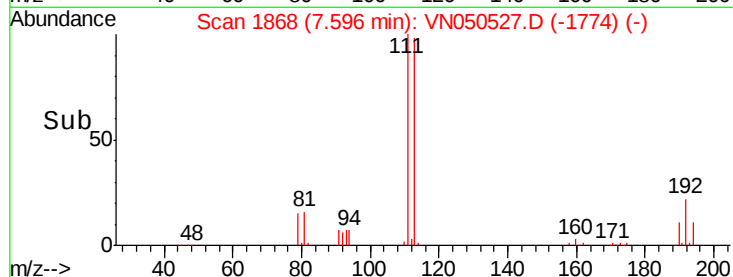
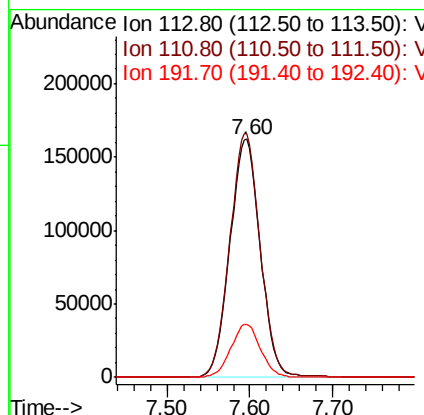
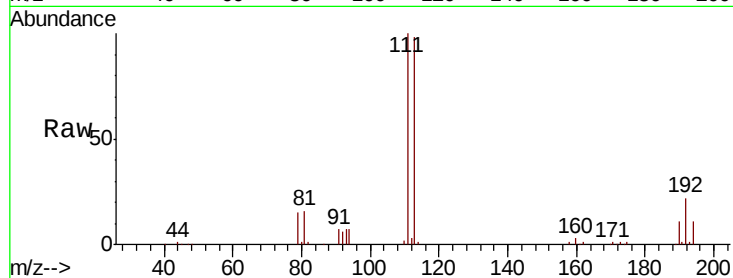




#35
 Dibromofluoromethane
 Concen: 47.23 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050527.D
 Acq: 10 Aug 2018 19:05

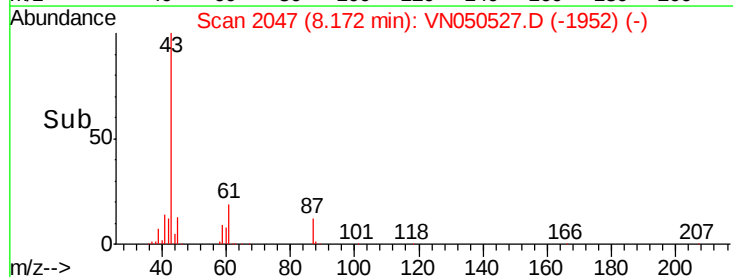
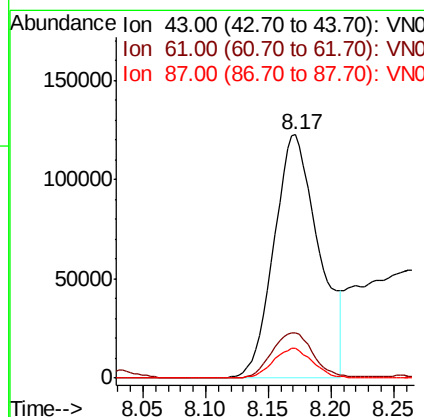
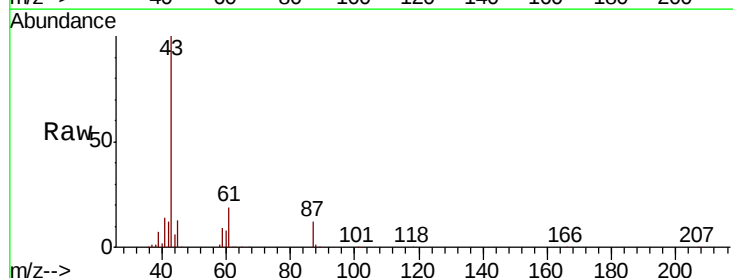
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#06

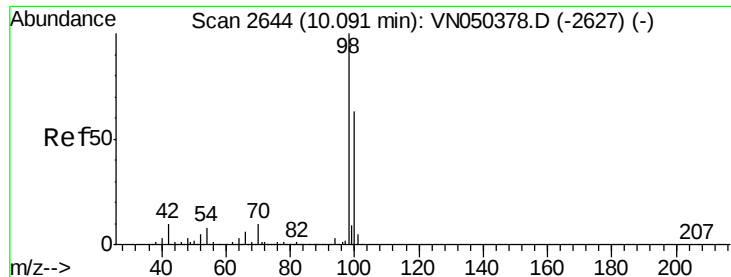
Tot Ion:113 Resp: 413445
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 21.8 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 20.62 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050527.D
 Acq: 10 Aug 2018 19:05

Tgt Ion: 43 Resp: 307327
 Ion Ratio Lower Upper
 43 100
 61 17.2 15.8 23.6
 87 10.8 10.3 15.5





#50

Toluene-d8

Concen: 45.11 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050527.D

Acq: 10 Aug 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

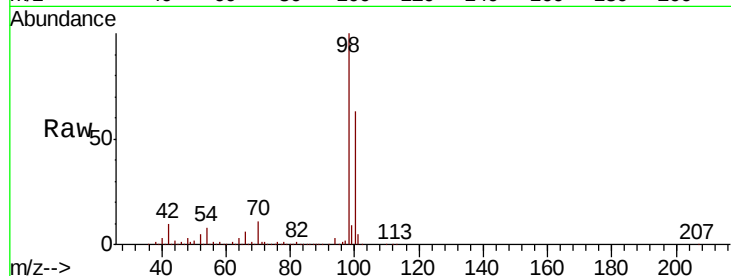
PB111921ZHE#06

Tot Ion: 98 Resp: 1484698

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)

10.09

800000

600000

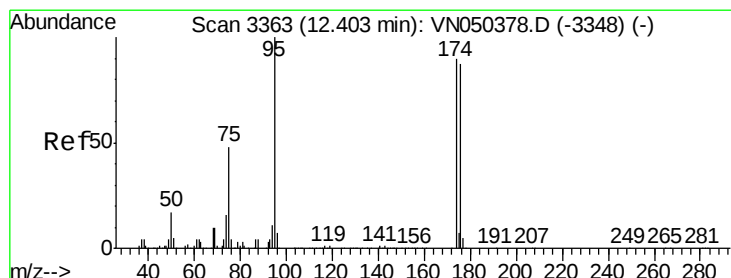
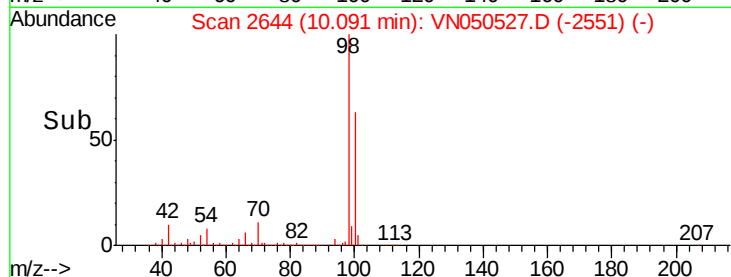
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 39.01 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050527.D

Acq: 10 Aug 2018 19:05

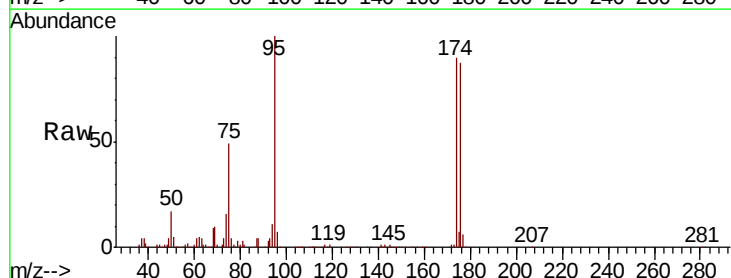
Tgt Ion: 95 Resp: 437574

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

176 87.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

12.40

300000

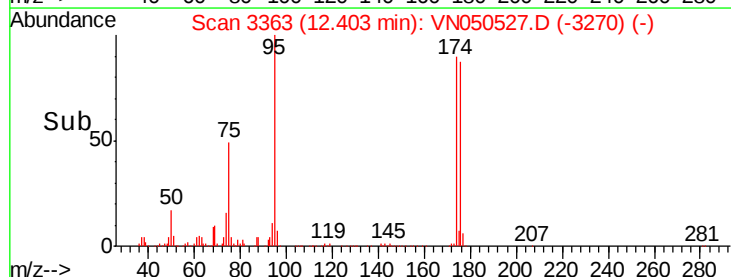
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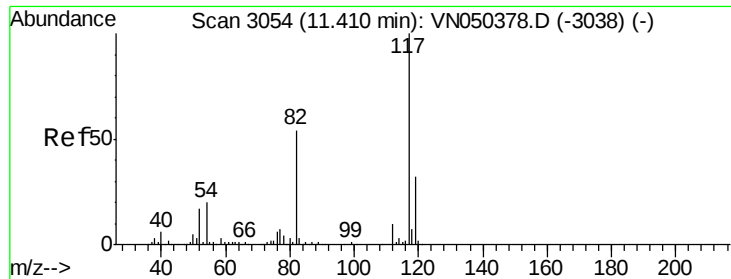
100000

0

12.30 12.40 12.50

Time-->

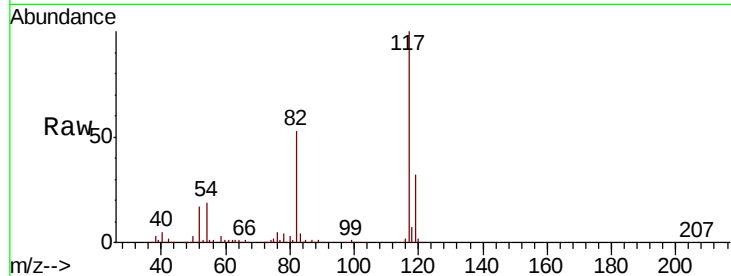




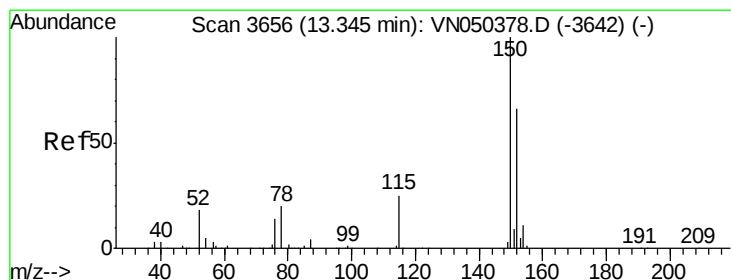
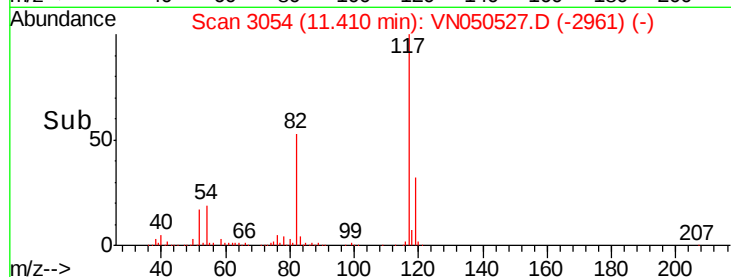
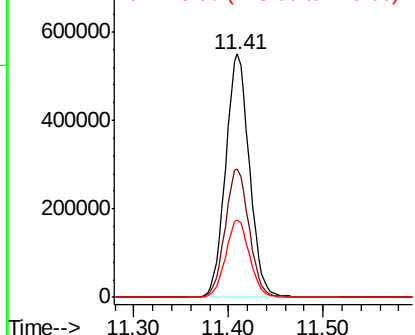
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050527.D
Acq: 10 Aug 2018 19:05

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#06

Tot Ion:117 Resp: 959256
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 31.9 26.1 39.1

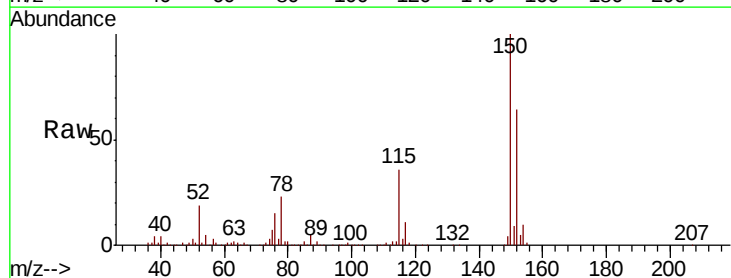


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050527.D
Acq: 10 Aug 2018 19:05

Tgt Ion:152 Resp: 375995
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.3
150 157.2 0.0 348.6



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

