

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051406.D
 Acq On : 23 Sep 2018 12:20
 Operator : MD\SY
 Sample : J4777-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-0920-18-B

Quant Time: Sep 24 07:25:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

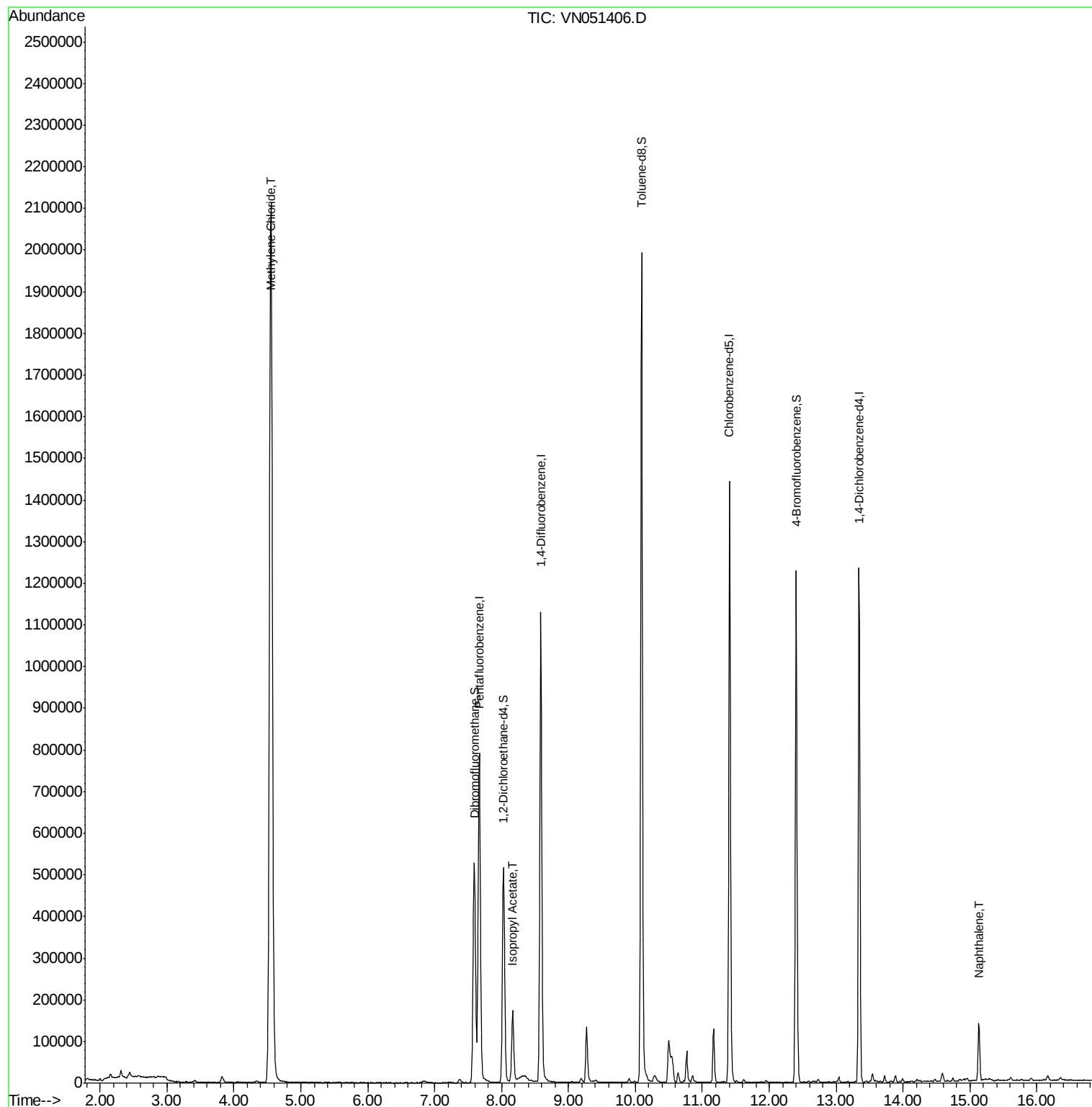
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	689623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1029962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	352741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	451199	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.59	113	401107	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.09	98	1459516	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.40	95	412321	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
Target Compounds						
20) Methylene Chloride	4.55	84	1610769	188.428	ug/l	99
43) Isopropyl Acetate	8.17	43	201426	16.243	ug/l	98
95) Naphthalene	15.13	128	122295	15.869	ug/l	99

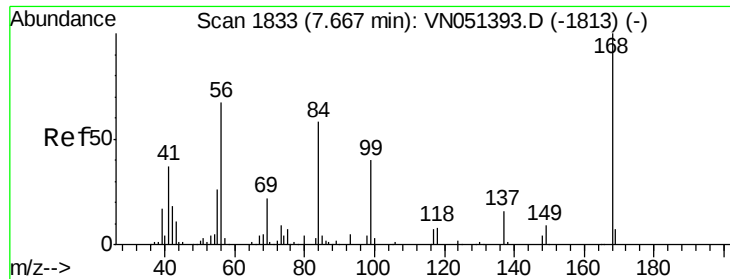
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051406.D

Acq: 23 Sep 2018 12:20

Instrument :

MSVOA_N

ClientSampleId :

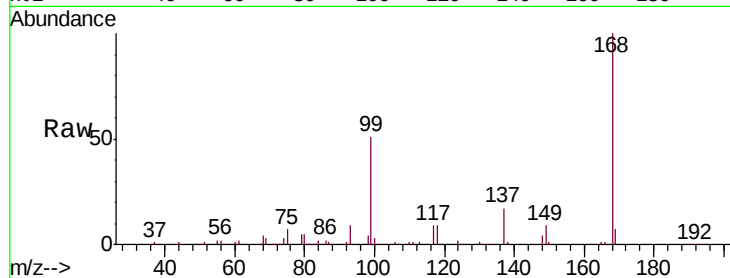
PL-02-0920-18-B

Tgt Ion:168 Resp: 689623

Ion Ratio Lower Upper

168 100

99 51.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

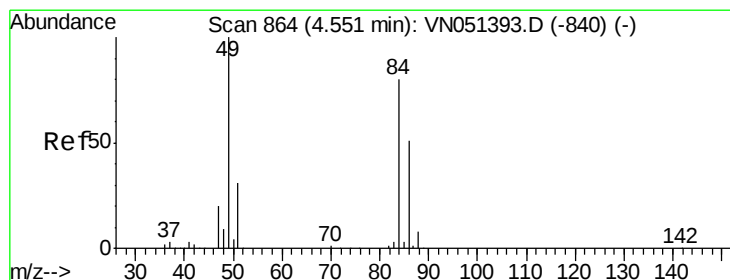
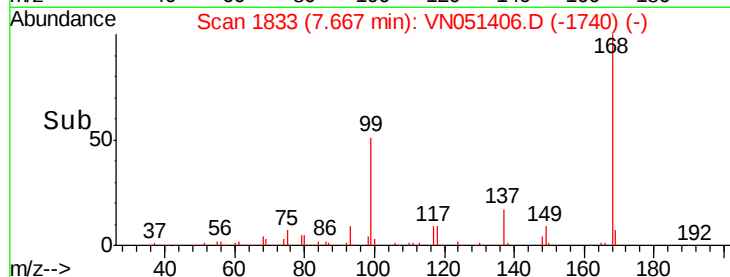
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 188.428 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051406.D

Acq: 23 Sep 2018 12:20

Tgt Ion: 84 Resp: 1610769

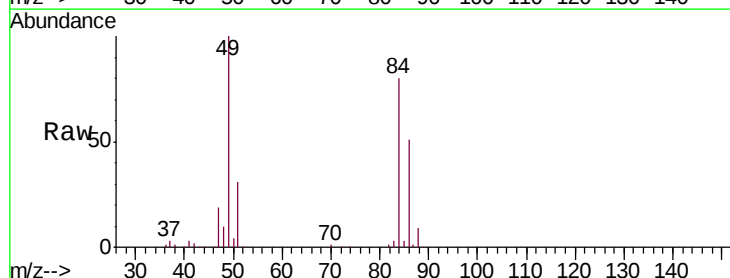
Ion Ratio Lower Upper

84 100

49 125.0 99.9 149.9

51 38.6 31.4 47.2

86 64.3 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VN051393.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051393.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051393.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051393.D (-840) (-)

1000000

800000

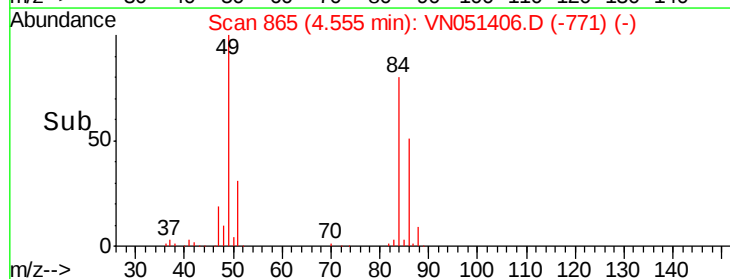
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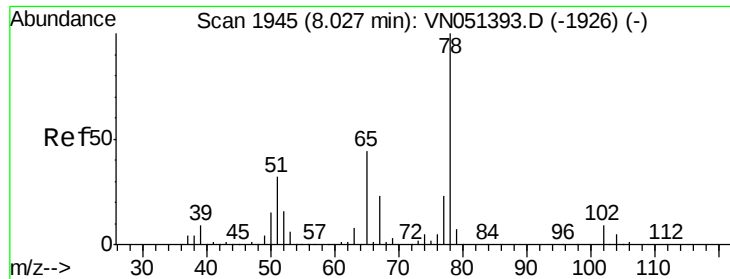
400000

200000

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Time-->

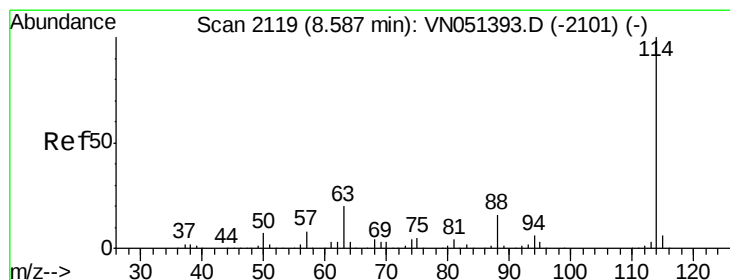
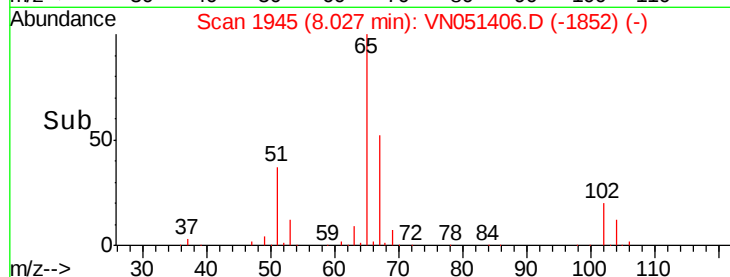
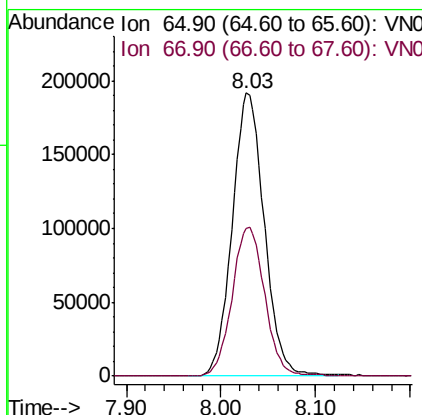
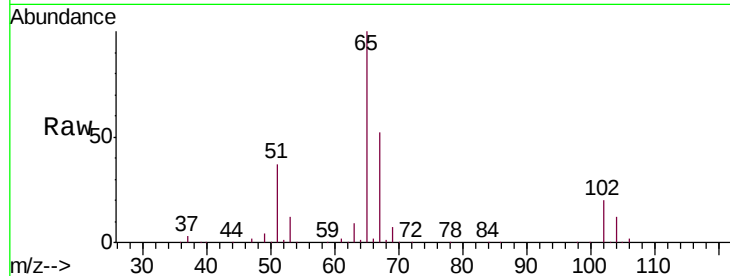




#33
 1,2-Dichloroethane-d4
 Concen: 52.229 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051406.D
 Acq: 23 Sep 2018 12:20

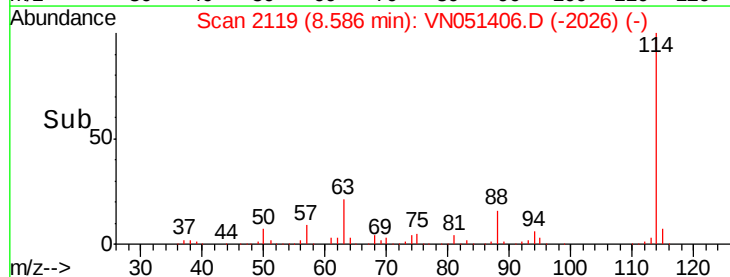
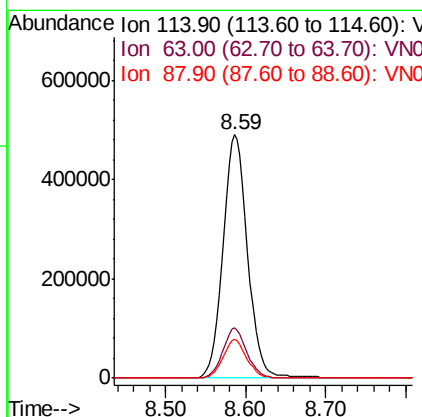
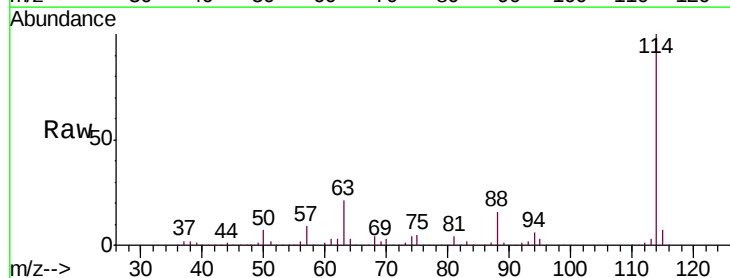
Instrument :
 MSVOA_N
 ClientSampled :
 PL-02-0920-18-B

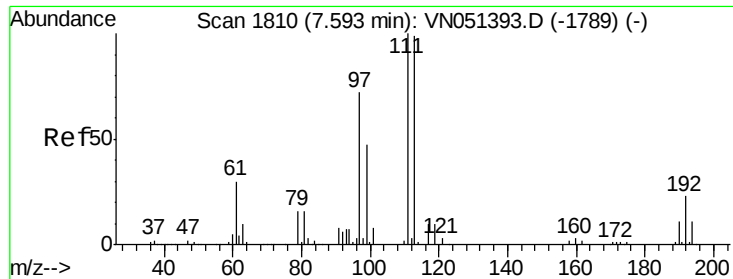
Tgt Ion: 65 Resp: 451199
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051406.D
 Acq: 23 Sep 2018 12:20

Tgt Ion: 114 Resp: 1029962
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 16.0 0.0 31.4

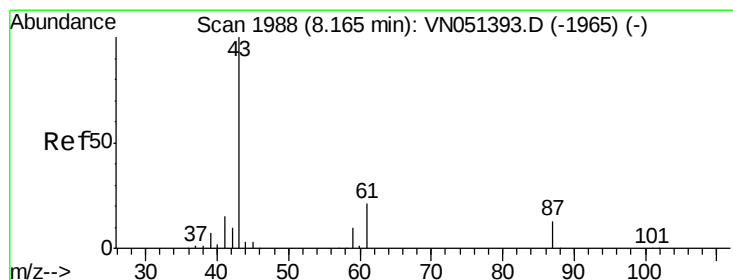
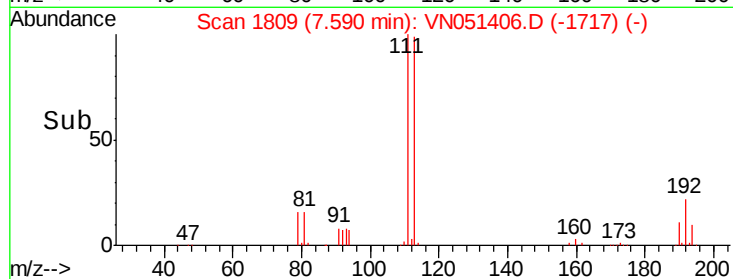
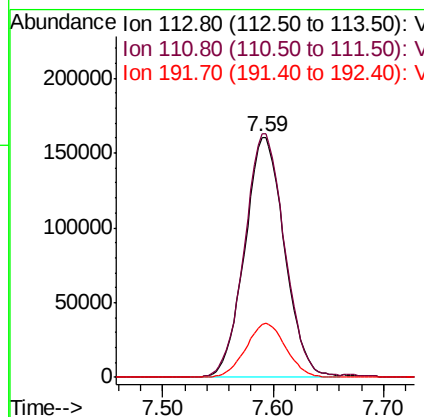
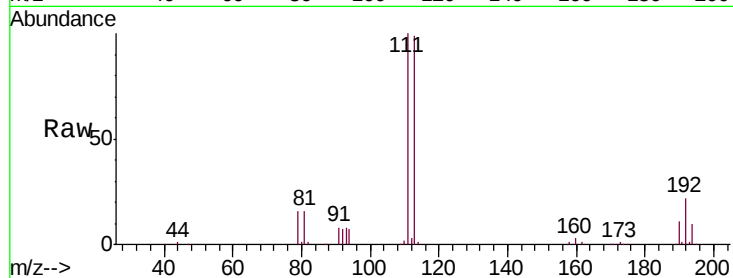




#35
 Dibromofluoromethane
 Concen: 48.701 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051406.D
 Acq: 23 Sep 2018 12:20

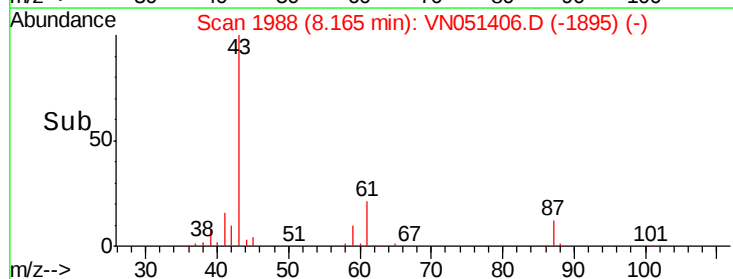
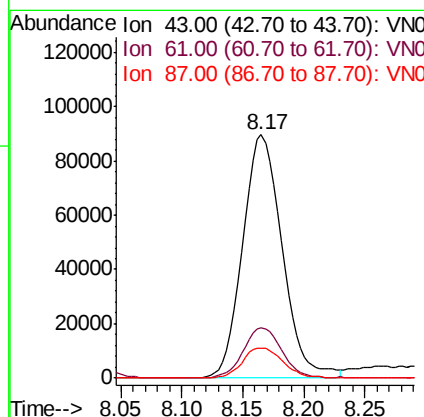
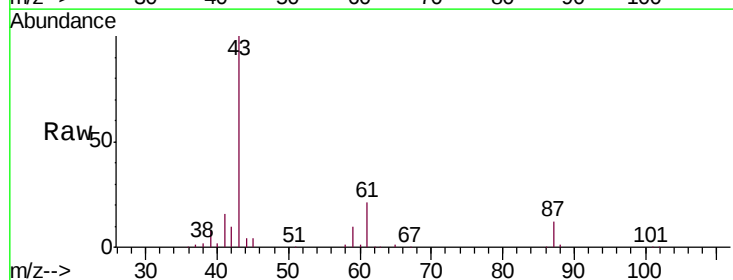
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-0920-18-B

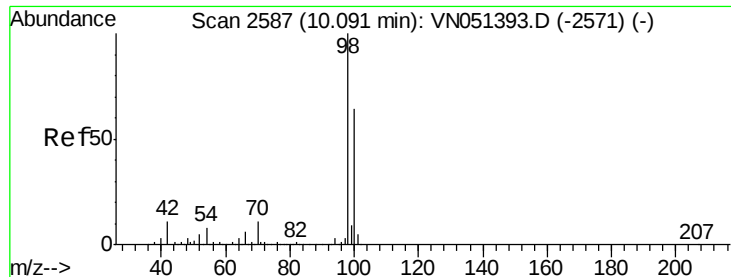
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.6	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 16.243 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN051406.D
 Acq: 23 Sep 2018 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	12.7	10.7	16.1





#50

Toluene-d8

Concen: 47.059 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051406.D

Acq: 23 Sep 2018 12:20

Instrument :

MSVOA_N

ClientSampleId :

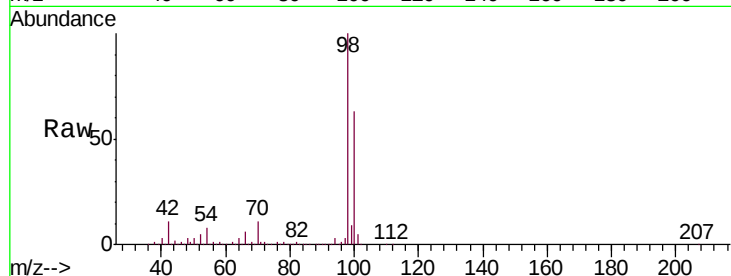
PL-02-0920-18-B

Tgt Ion: 98 Resp: 1459516

Ion Ratio Lower Upper

98 100

100 63.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

10.09

800000

600000

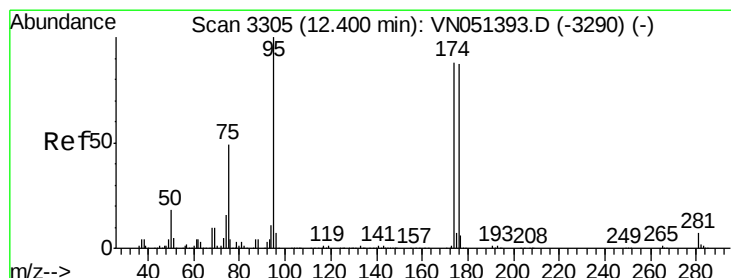
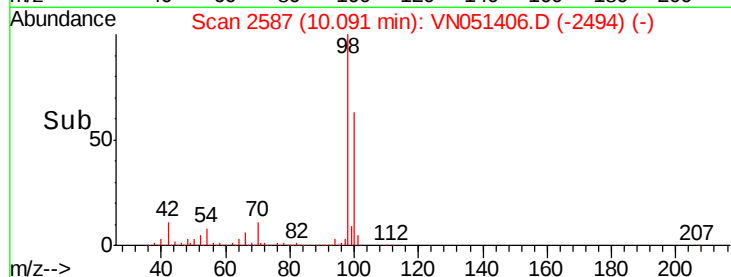
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 41.096 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051406.D

Acq: 23 Sep 2018 12:20

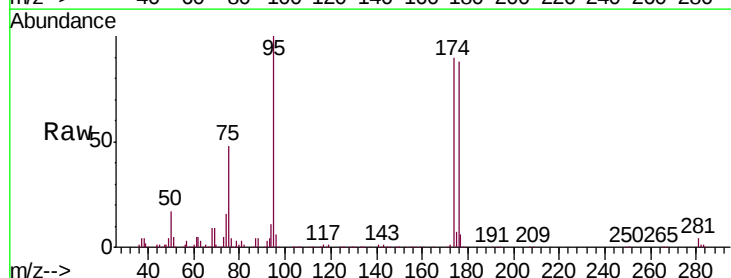
Tgt Ion: 95 Resp: 412321

Ion Ratio Lower Upper

95 100

174 90.3 0.0 181.6

176 87.1 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

300000

250000

200000

150000

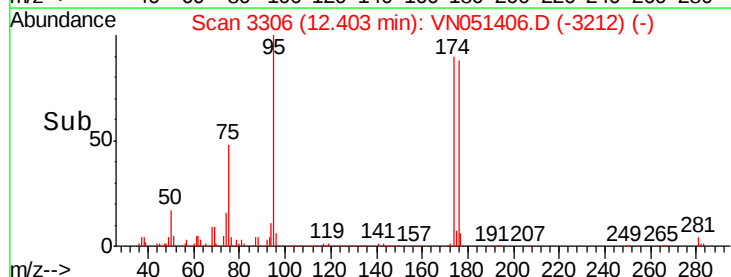
100000

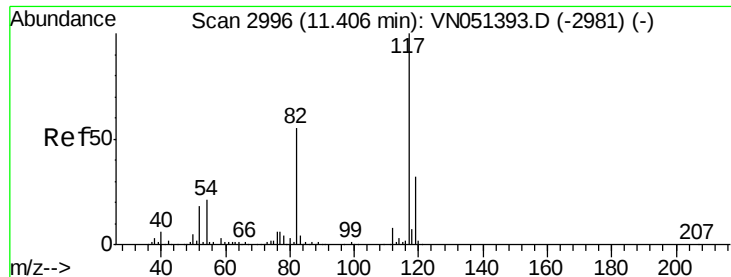
50000

0

12.30 12.40 12.50

Time-->

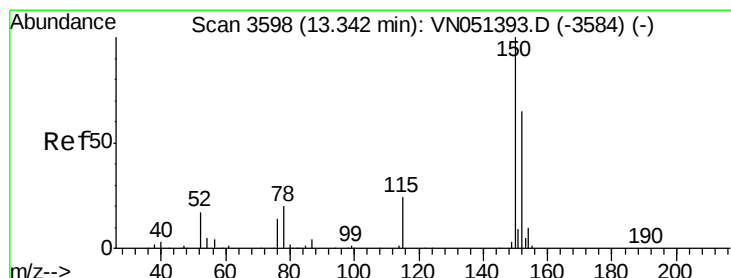
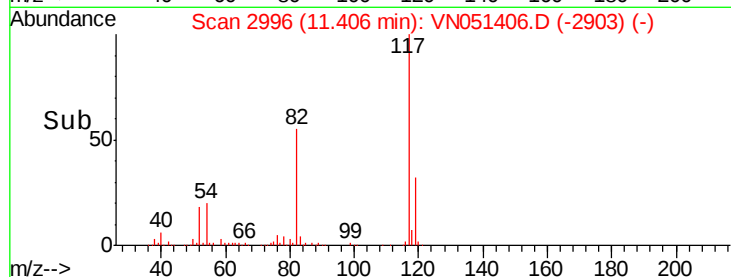
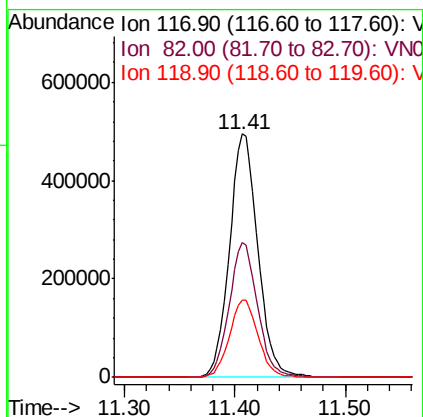
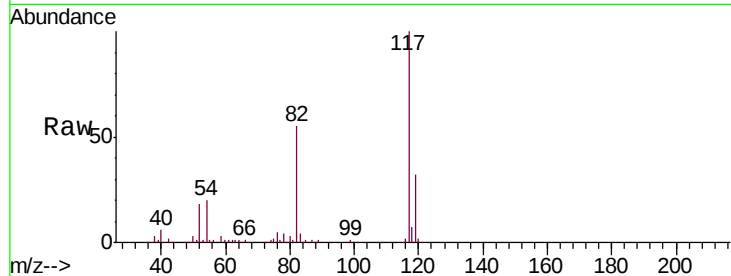




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051406.D
Acq: 23 Sep 2018 12:20

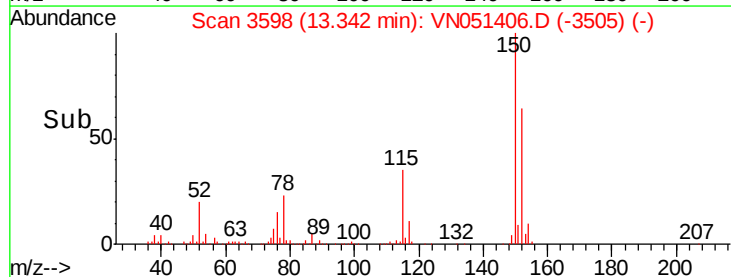
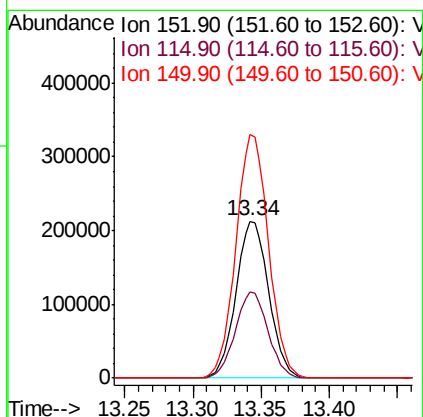
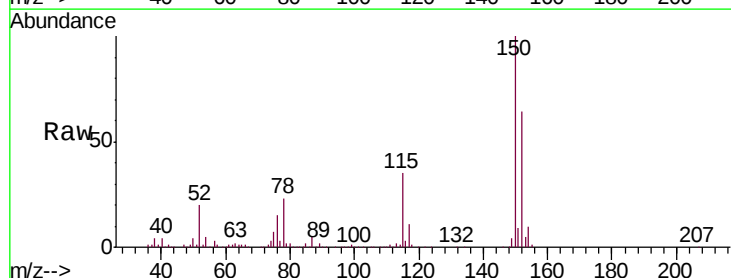
Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-B

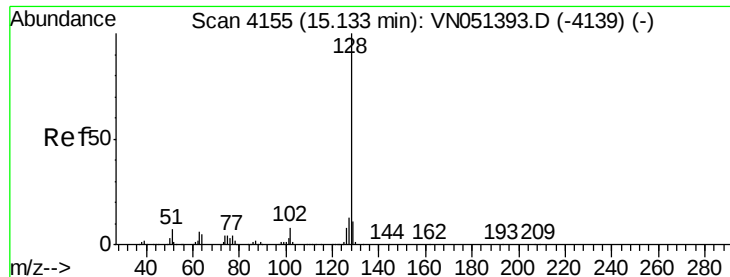
Tgt Ion:117 Resp: 882731
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051406.D
Acq: 23 Sep 2018 12:20

Tgt Ion:152 Resp: 352741
Ion Ratio Lower Upper
152 100
115 55.1 28.3 84.9
150 155.5 0.0 353.6





#95

Naphthalene

Concen: 15.869 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051406.D

Acq: 23 Sep 2018 12:20

Instrument :

MSVOA_N

ClientSampleId :

PL-02-0920-18-B

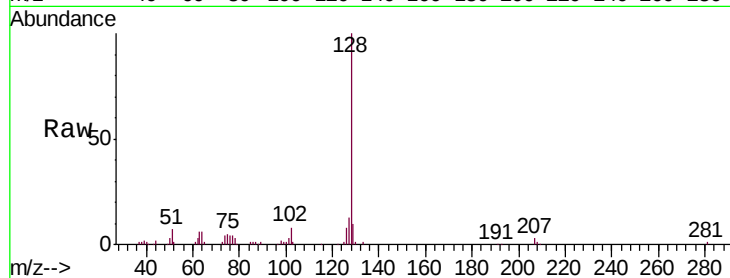
Tgt Ion:128 Resp: 122295

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

