

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051410.D
 Acq On : 23 Sep 2018 13:58
 Operator : MD\SY
 Sample : J4777-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-B

Quant Time: Sep 24 07:28:56 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

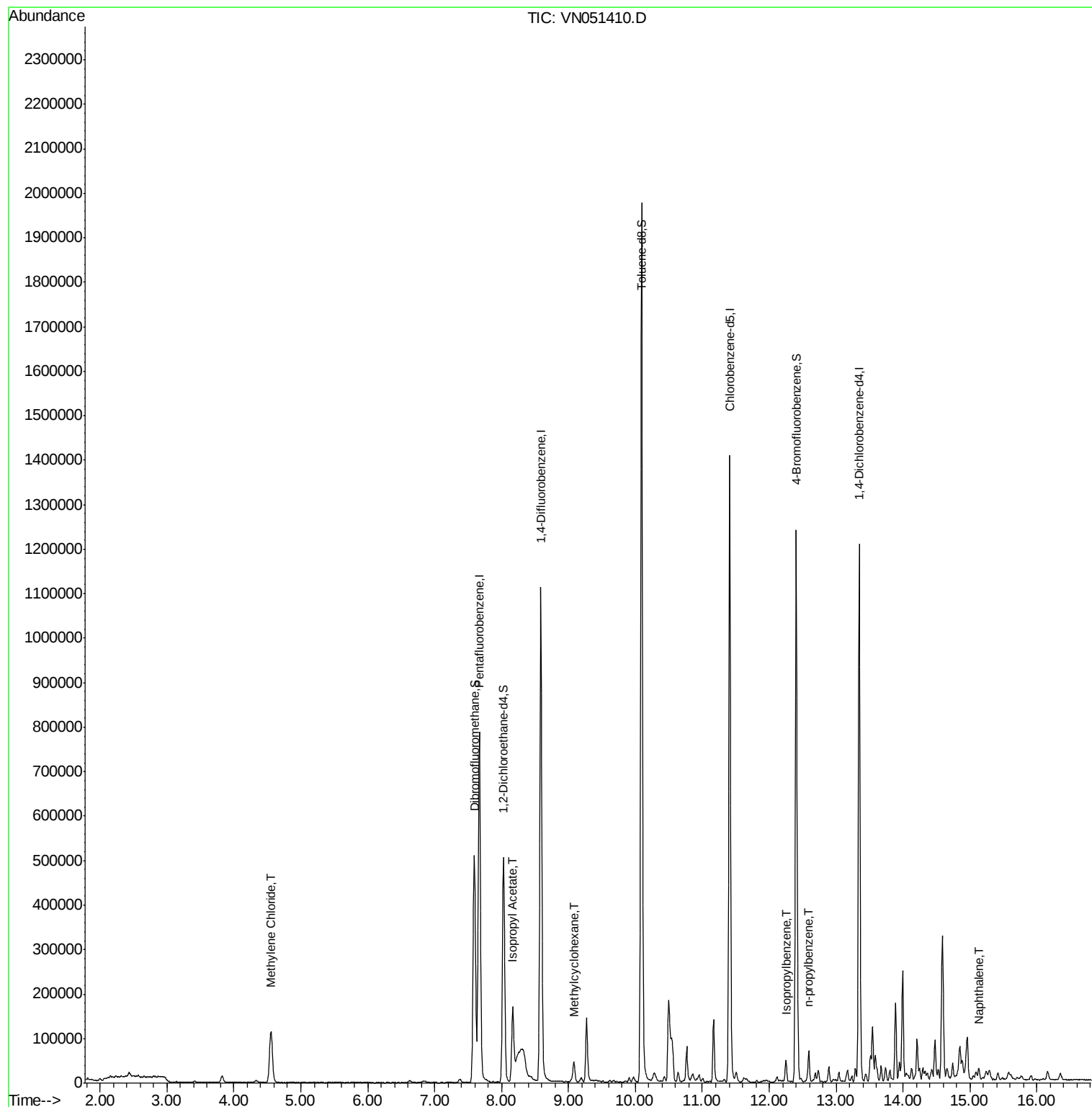
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	655336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440327	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	7.59	113	389586	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	10.09	98	1419446	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.40	95	406941	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	
Target Compounds						
20) Methylene Chloride	4.55	84	86857	10.692	ug/l	96
39) Methylcyclohexane	9.08	83	18137	1.314	ug/l	93
43) Isopropyl Acetate	8.17	43	209877	17.099	ug/l	96
73) Isopropylbenzene	12.25	105	29590	1.009	ug/l	98
78) n-propylbenzene	12.59	91	51781	1.567	ug/l	100
95) Naphthalene	15.13	128	21760	9.458	ug/l	95

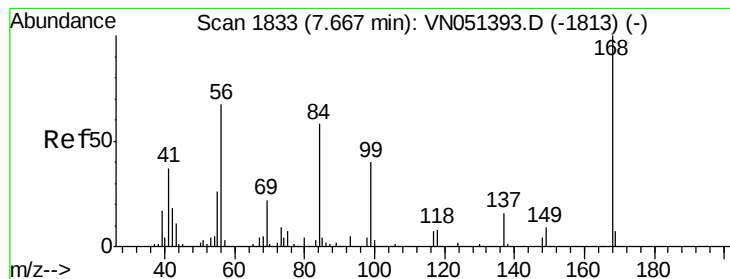
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

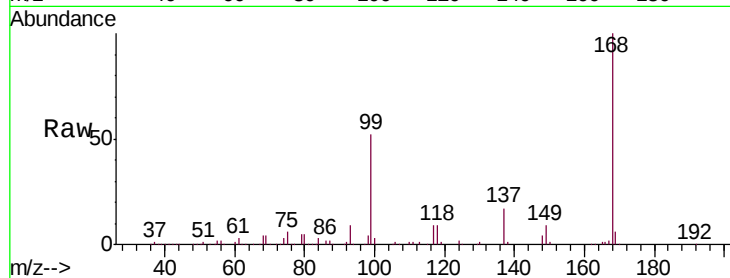
PL-03-092018-B

Tgt Ion:168 Resp: 655336

Ion Ratio Lower Upper

168 100

99 51.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

150000

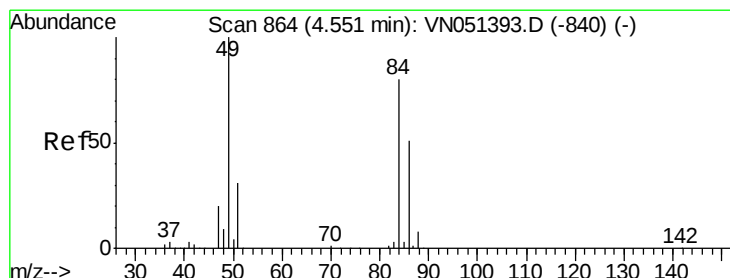
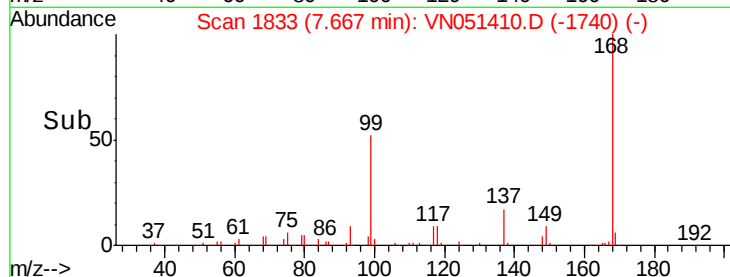
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 10.692 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Tgt Ion: 84 Resp: 86857

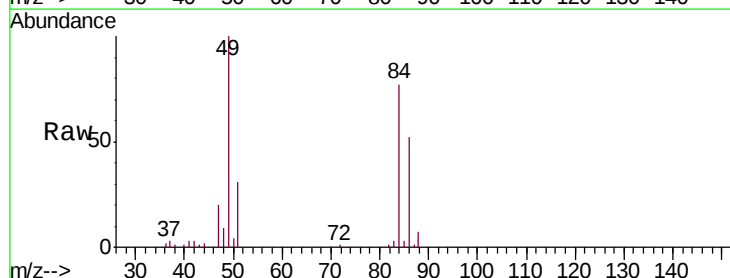
Ion Ratio Lower Upper

84 100

49 130.1 99.9 149.9

51 39.8 31.4 47.2

86 67.5 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

50000

40000

30000

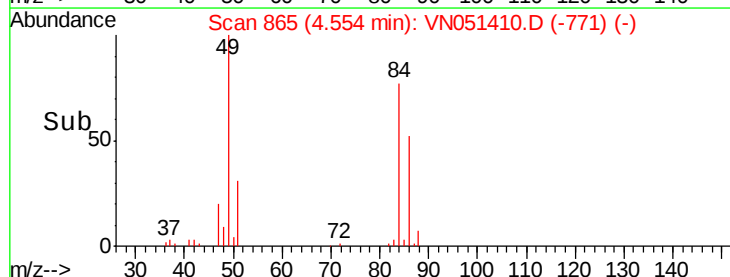
20000

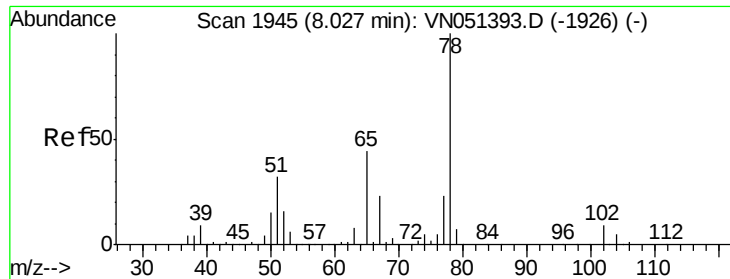
10000

0

Time-->

4.40 4.50 4.60 4.70

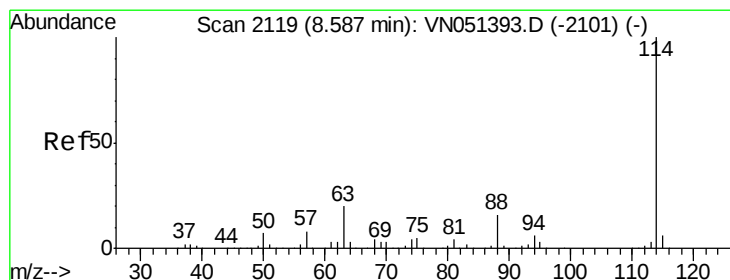
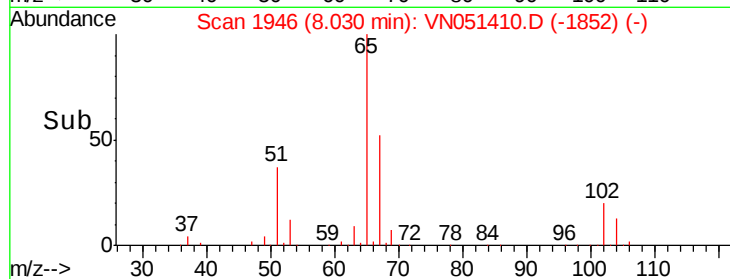
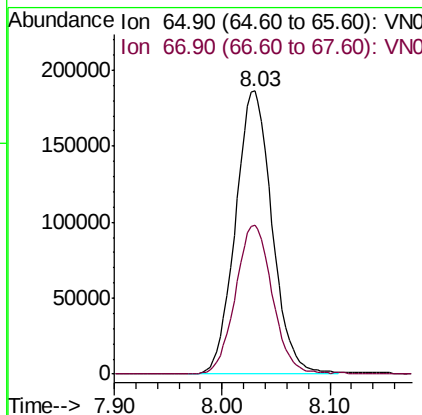
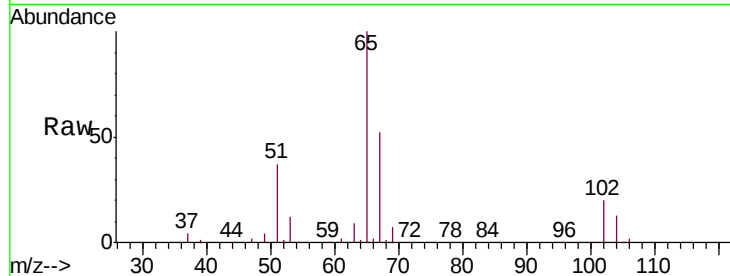




#33
 1,2-Dichloroethane-d4
 Concen: 53.638 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

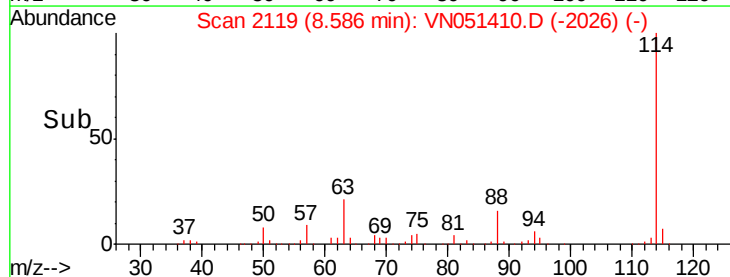
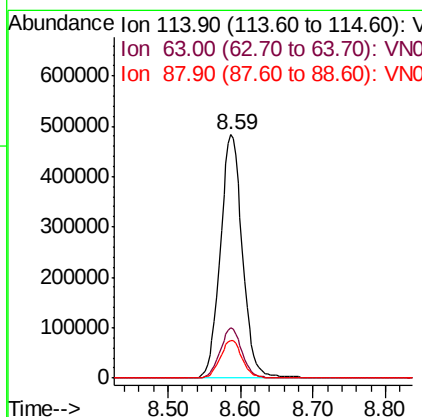
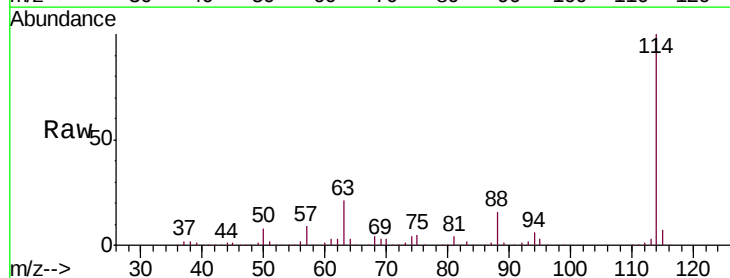
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-B

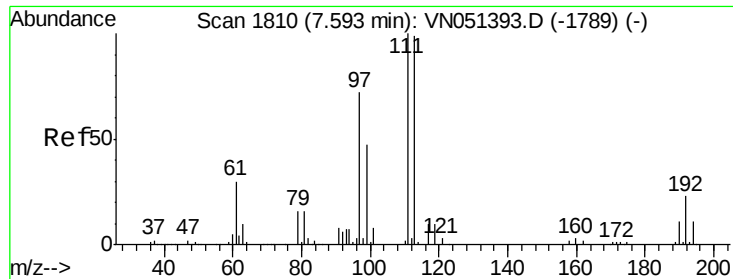
Tgt Ion: 65 Resp: 440327
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion: 114 Resp: 1019444
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.2
 88 15.5 0.0 31.4

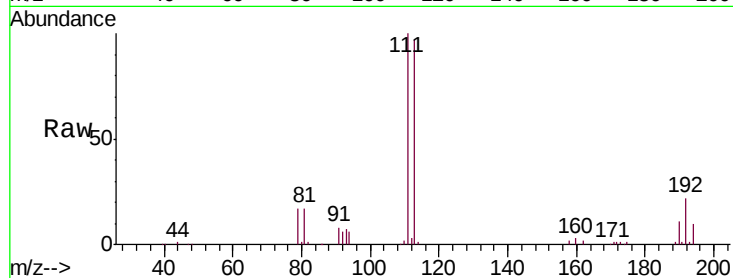




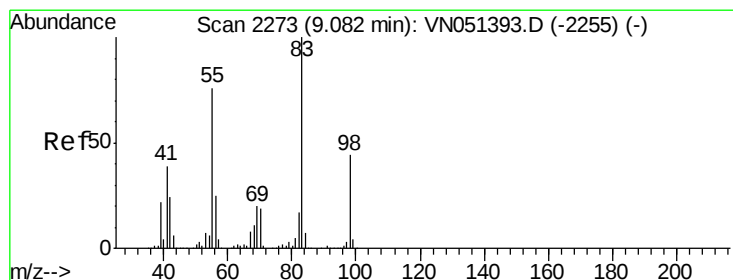
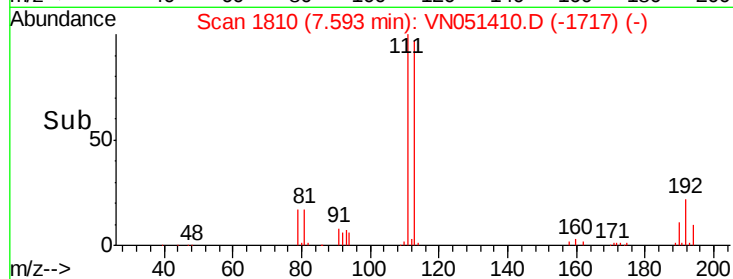
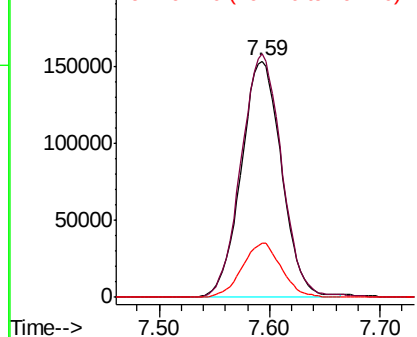
#35
Dibromofluoromethane
Concen: 47.790 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

Instrument :
MSVOA_N
ClientSampleId :
PL-03-092018-B

Tgt Ion: 113 Resp: 389586
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 22.5 18.0 27.0

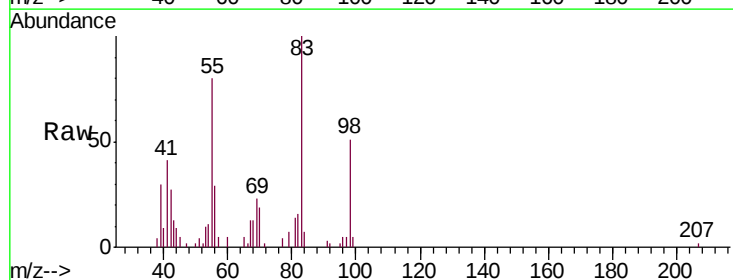


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

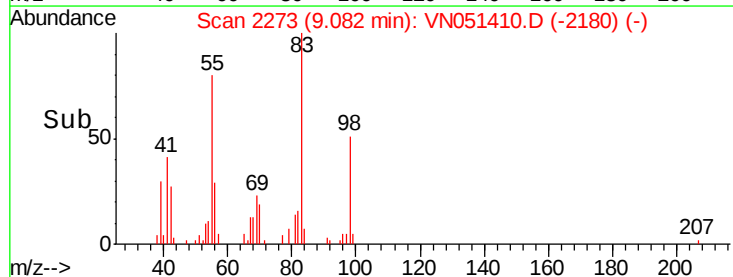
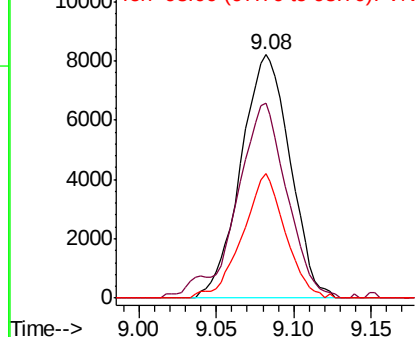


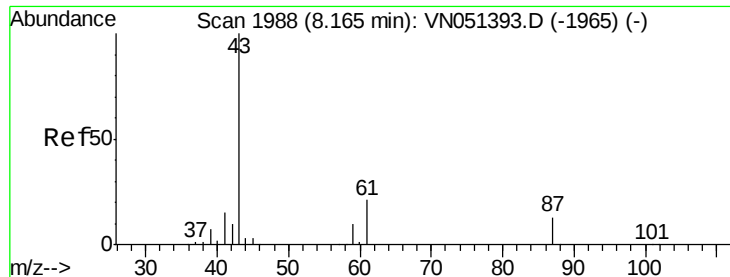
#39
Methylcyclohexane
Concen: 1.314 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

Tgt Ion: 83 Resp: 18137
Ion Ratio Lower Upper
83 100
55 80.3 61.0 91.4
98 50.9 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 17.099 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

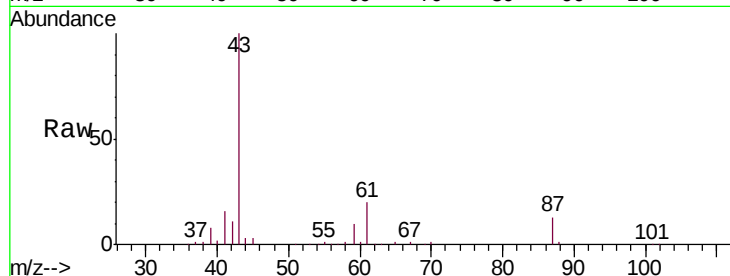
Tgt Ion: 43 Resp: 209877

Ion Ratio Lower Upper

43 100

61 18.9 16.8 25.2

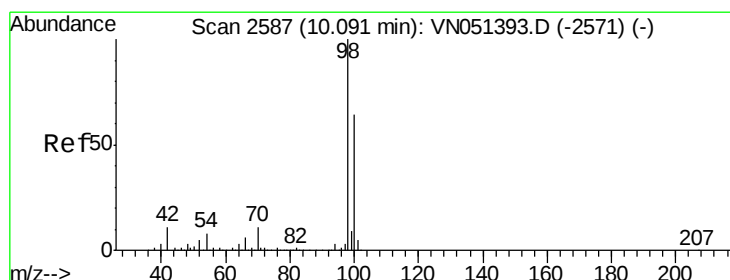
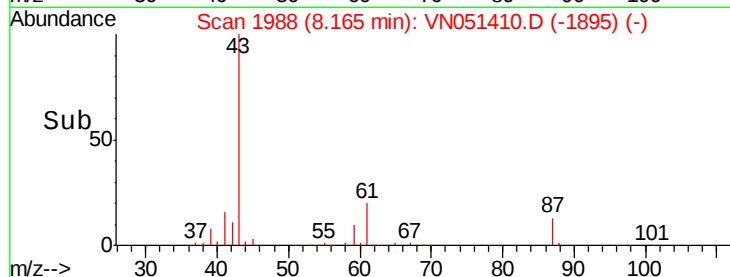
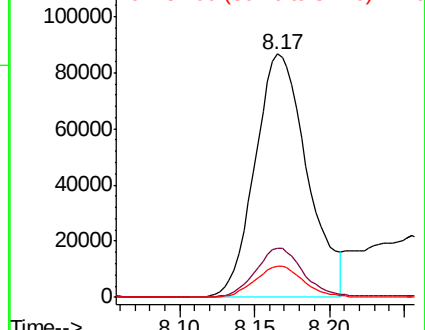
87 12.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#50

Toluene-d8

Concen: 46.240 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051410.D

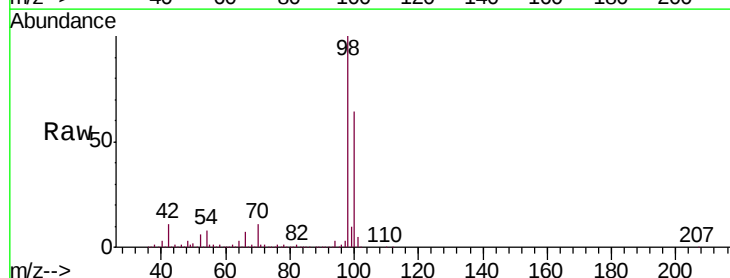
Acq: 23 Sep 2018 13:58

Tgt Ion: 98 Resp: 1419446

Ion Ratio Lower Upper

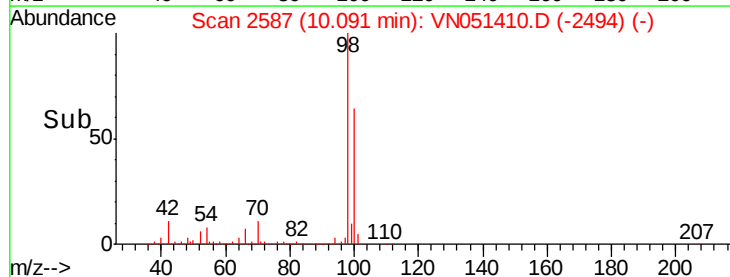
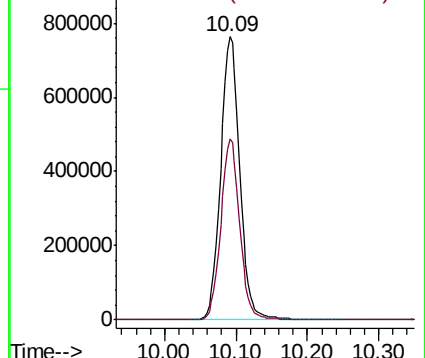
98 100

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) (-)





#62

4-Bromofluorobenzene

Concen: 40.978 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

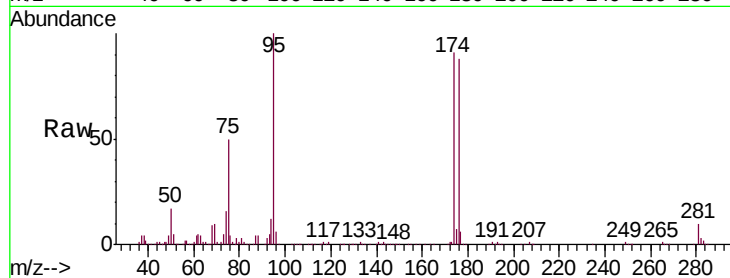
Tgt Ion: 95 Resp: 406941

Ion Ratio Lower Upper

95 100

174 90.1 0.0 181.6

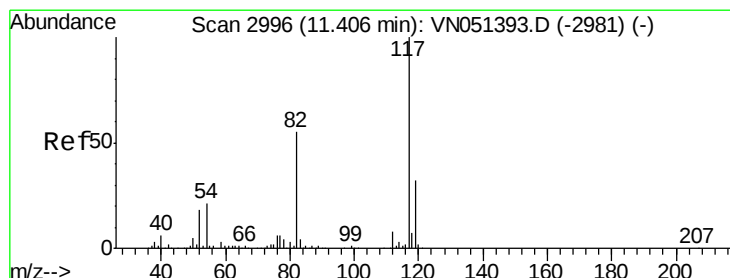
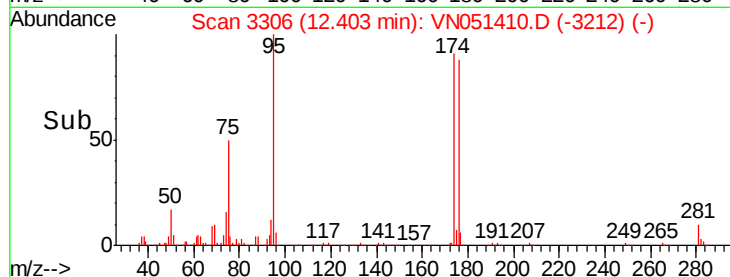
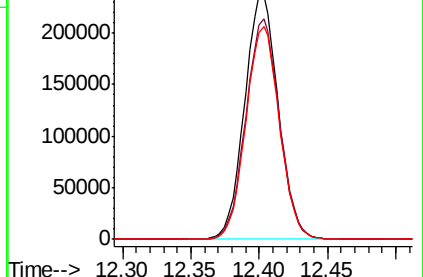
176 86.5 0.0 176.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

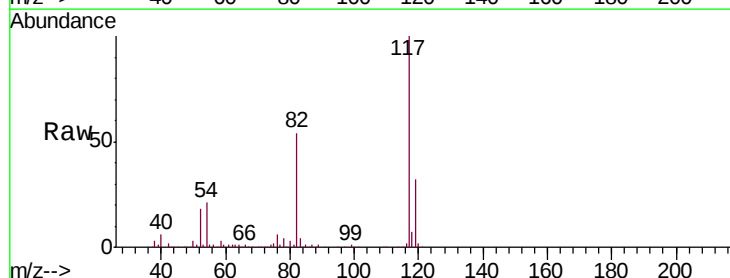
Tgt Ion: 117 Resp: 851824

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.2

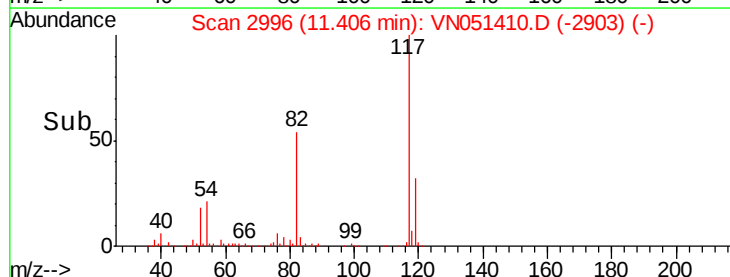
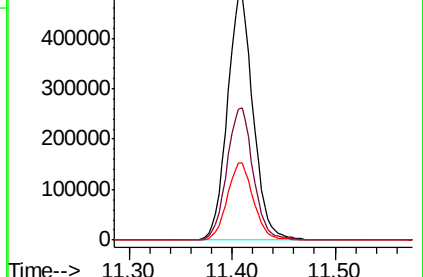
119 31.7 25.9 38.9

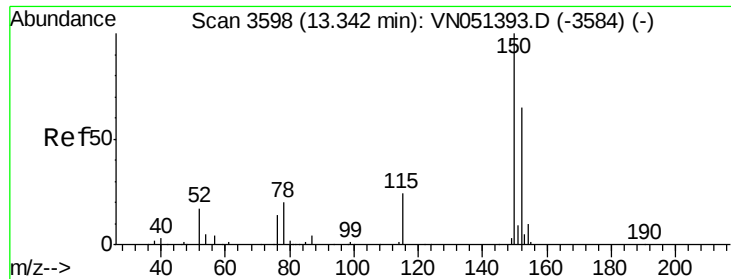


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

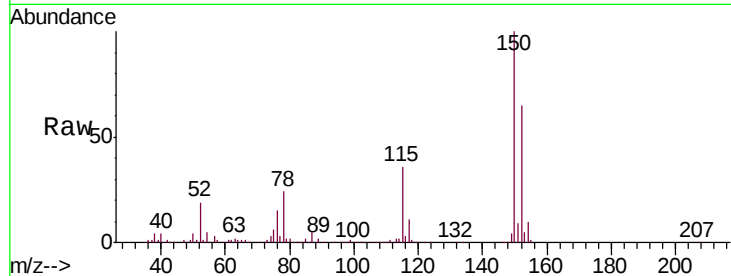
Tgt Ion:152 Resp: 347480

Ion Ratio Lower Upper

152 100

115 56.3 28.3 84.9

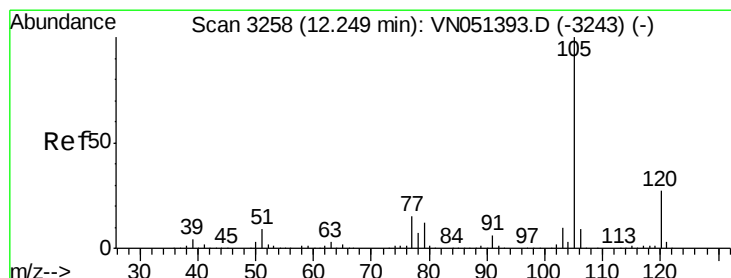
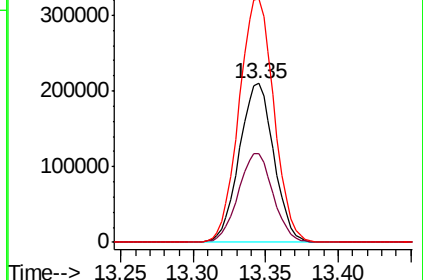
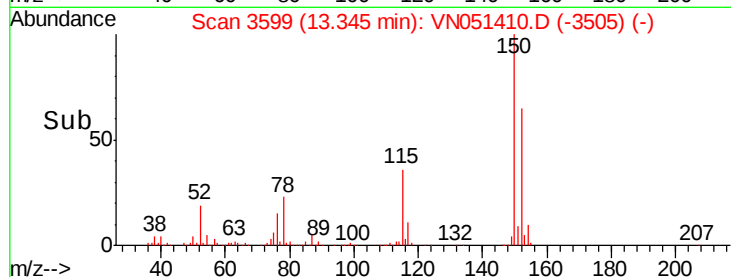
150 155.2 0.0 353.6



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



#73

Isopropylbenzene

Concen: 1.009 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051410.D

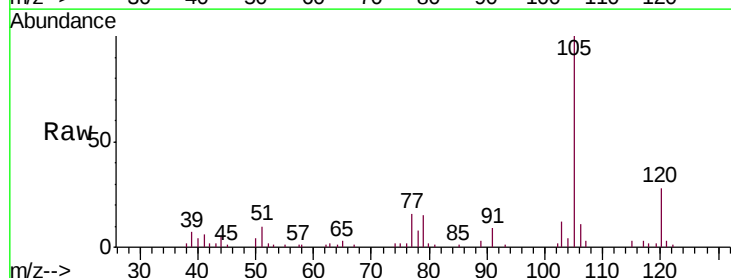
Acq: 23 Sep 2018 13:58

Tgt Ion:105 Resp: 29590

Ion Ratio Lower Upper

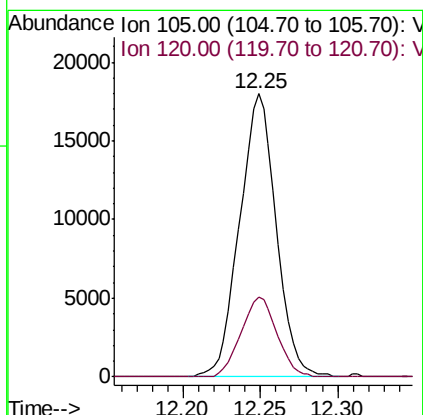
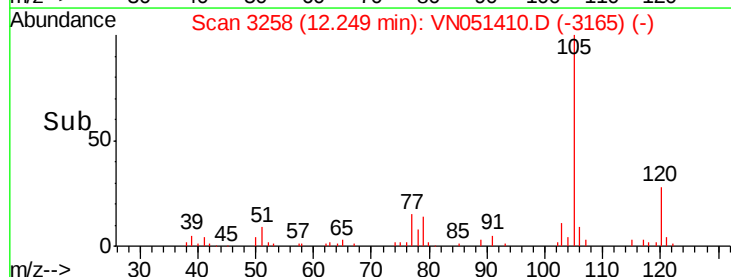
105 100

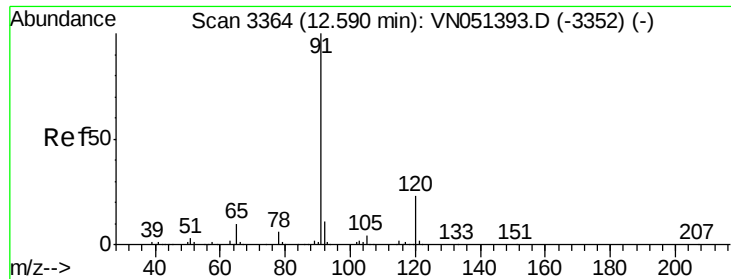
120 27.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

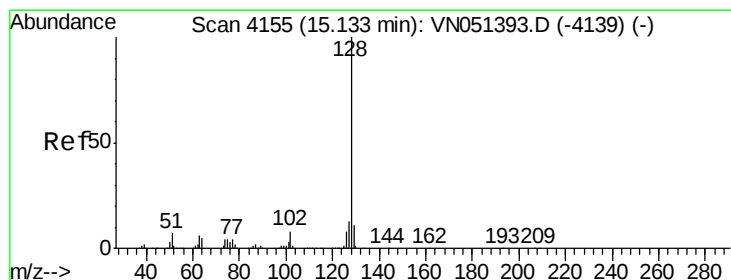
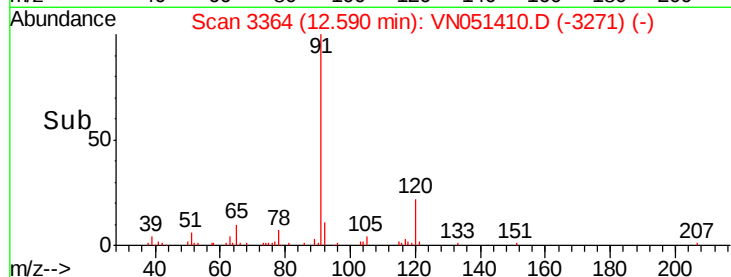
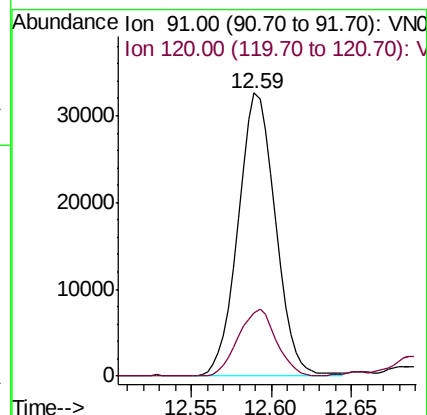
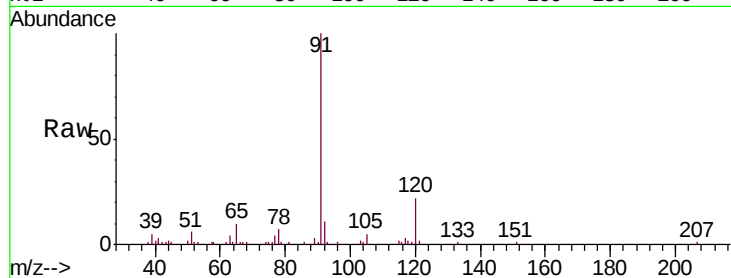




#78
n-propylbenzene
Concen: 1.567 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

Instrument :
MSVOA_N
ClientSampleId :
PL-03-092018-B

Tgt Ion: 91 Resp: 51781
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5



#95
Naphthalene
Concen: 9.458 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

Tgt Ion: 128 Resp: 21760
Ion Ratio Lower Upper
128 100
127 15.0 10.5 15.7
129 12.8 8.6 12.8

