

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049240.D
 Acq On : 14 Jun 2018 20:34
 Operator : MD\SY
 Sample : J3447-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 W-19

Quant Time: Jun 15 06:14:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

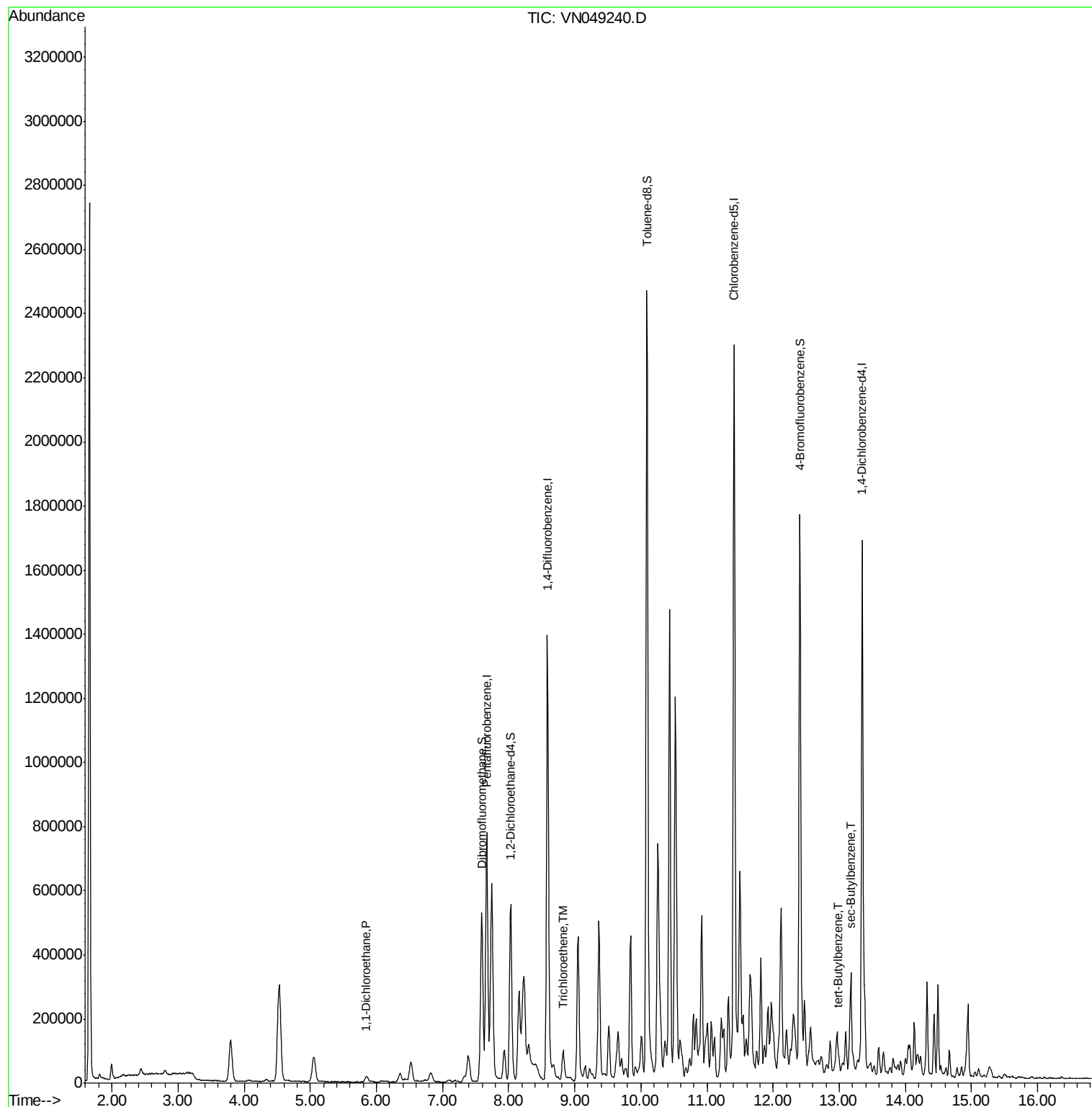
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1251218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1331796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	455968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	469566	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
35) Dibromofluoromethane	7.59	113	415013	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
50) Toluene-d8	10.09	98	1636984	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	
62) 4-Bromofluorobenzene	12.41	95	621635	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
Target Compounds						
24) 1,1-Dichloroethane	5.85	63	27956	1.549	ug/l #	93
44) Trichloroethene	8.84	130	9060	0.766	ug/l	96
83) tert-Butylbenzene	12.99	119	13061	0.452	ug/l #	60
85) sec-Butylbenzene	13.17	105	191077	4.955	ug/l	88

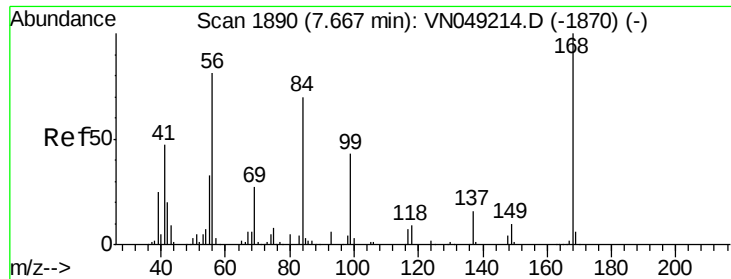
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061418\
Data File : VN049240.D
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Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

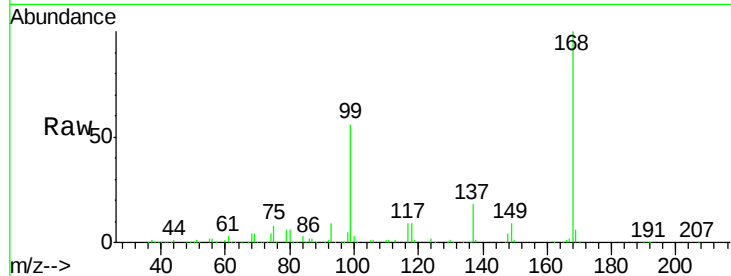
W-19

Tot Ion:168 Resp: 646986

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049240.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN049240.D (-1870) (-)

7.67

300000

250000

200000

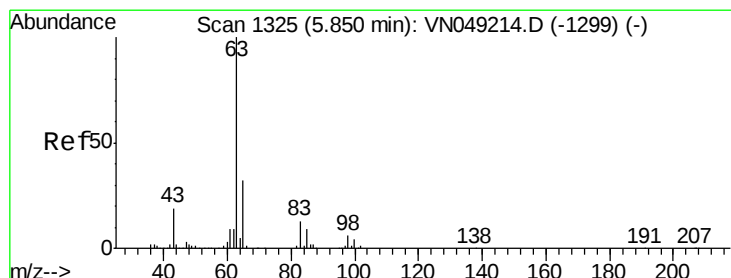
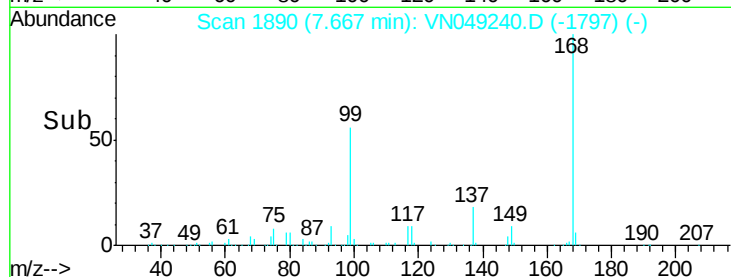
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 1.549 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

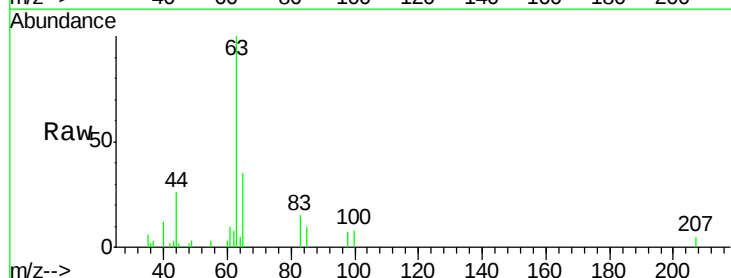
Tgt Ion: 63 Resp: 27956

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

100 8.0 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VN049240.D (-1299) (-)

Ion 97.90 (97.60 to 98.60): VN049240.D (-1299) (-)

Ion 99.90 (99.60 to 100.60): VN049240.D (-1299) (-)

5.85

10000

8000

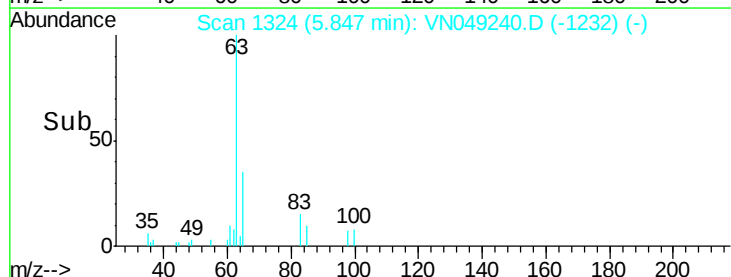
6000

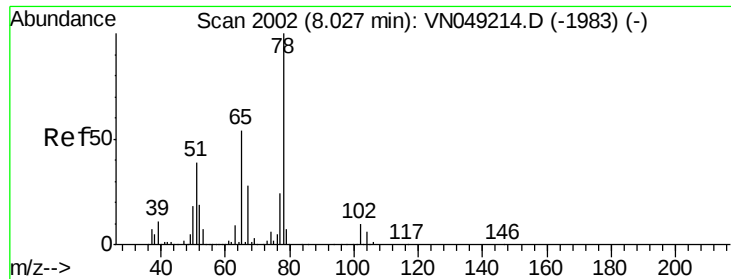
4000

2000

0

Time-->

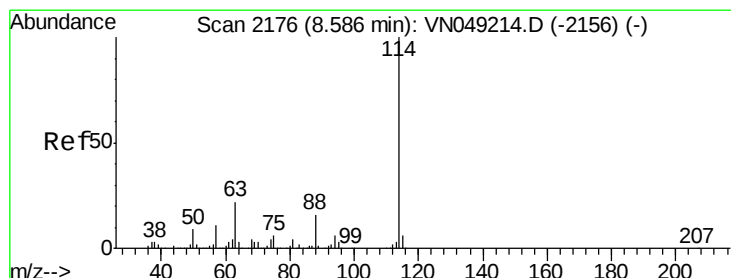
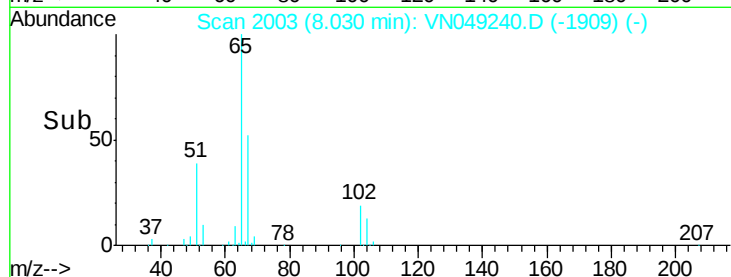
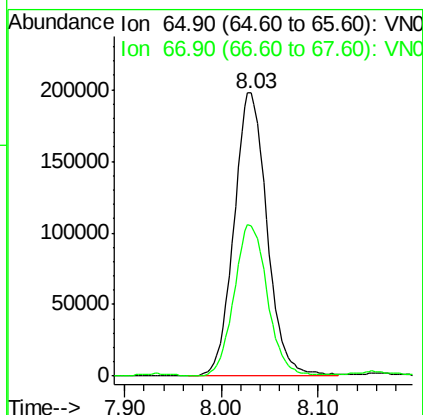
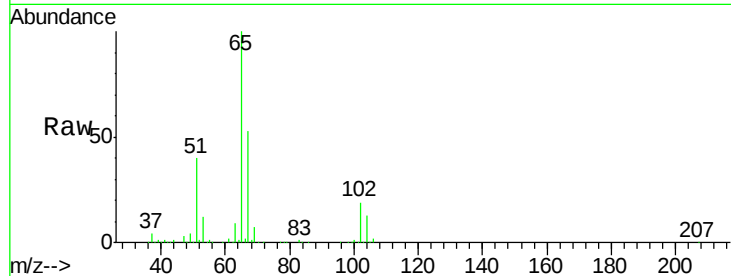




#33
 1,2-Dichloroethane-d4
 Concen: 44.949 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

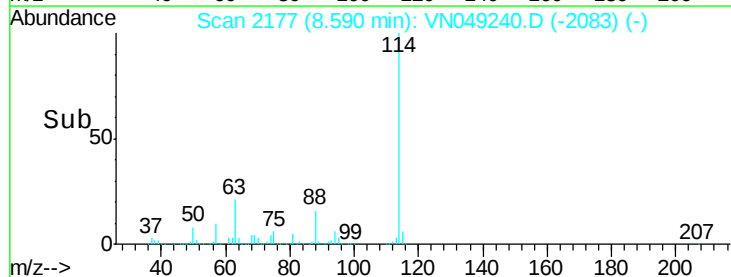
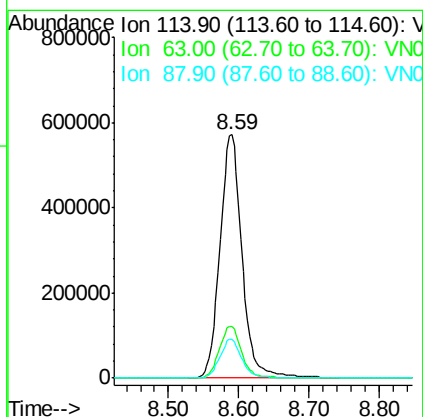
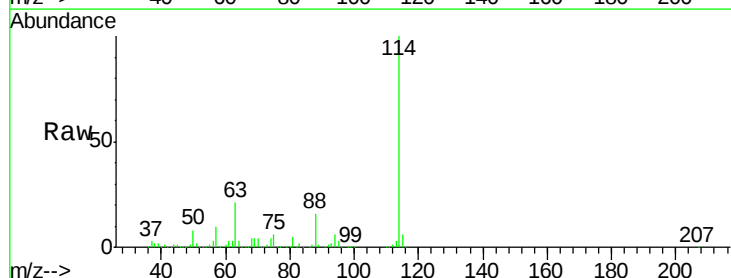
Instrument :
 MSVOA_N
 ClientSampleId :
 W-19

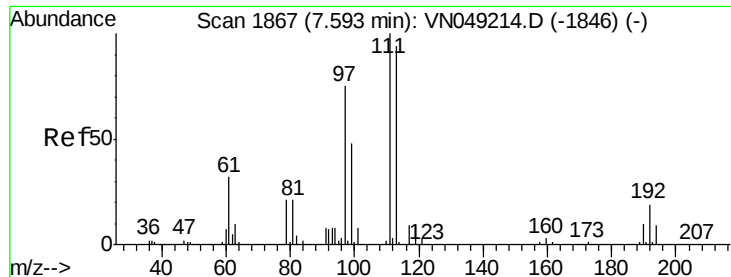
Tot Ion: 65 Resp: 469566
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

Tgt Ion: 114 Resp: 1251218
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.4
 88 15.8 0.0 31.4

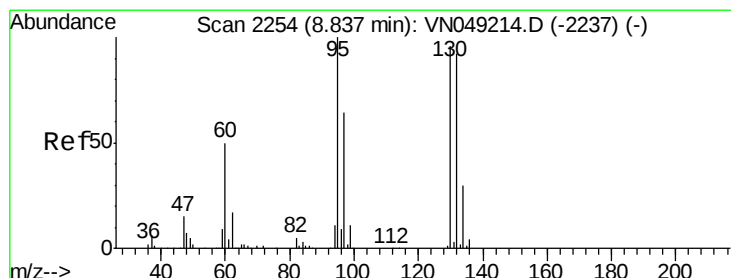
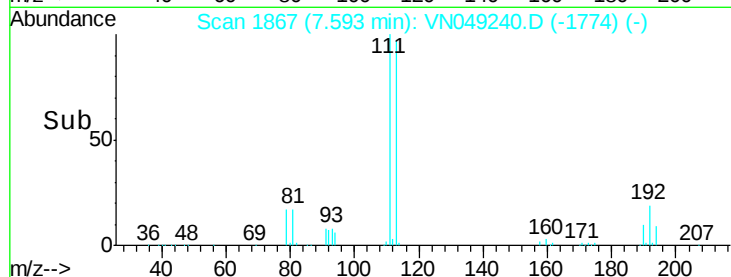
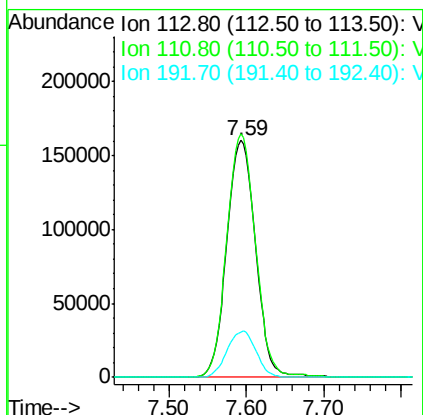
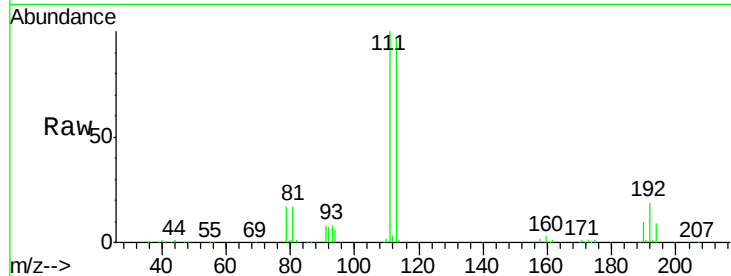




#35
 Dibromofluoromethane
 Concen: 40.074 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

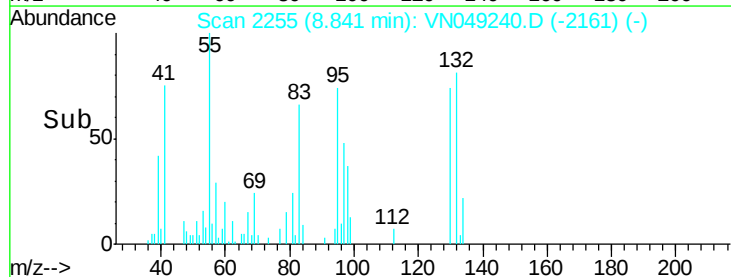
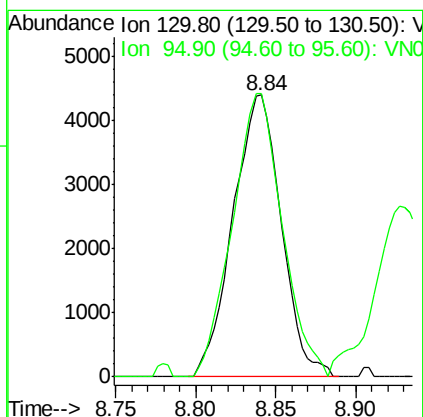
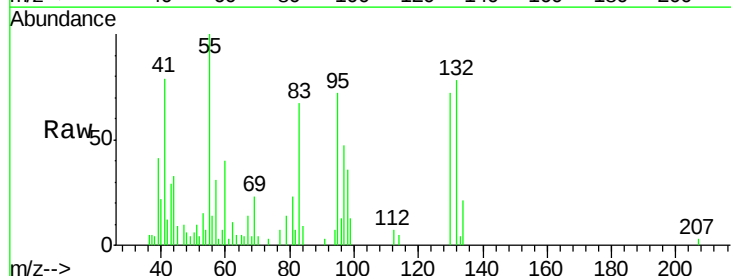
Instrument :
 MSVOA_N
 ClientSampleId :
 W-19

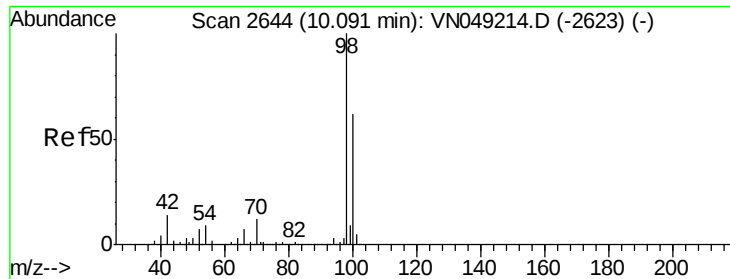
Tot Ion:113 Resp: 415013
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 19.6 15.0 22.6



#44
 Trichloroethene
 Concen: 0.766 ug/l
 RT: 8.84 min Scan# 2255
 Delta R.T. 0.00 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

Tgt Ion:130 Resp: 9060
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 208.6





#50

Toluene-d8

Concen: 40.633 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampleId :

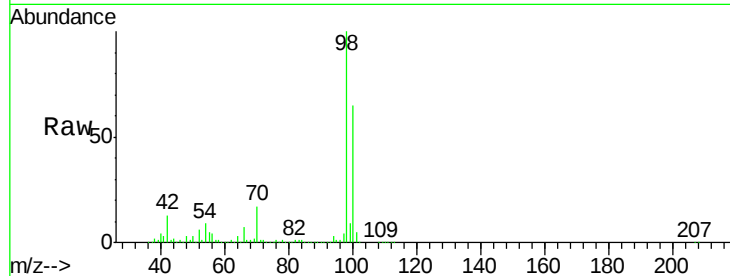
W-19

Tot Ion: 98 Resp: 1636984

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049214.D (-2623) (-)

Ion 100.00 (99.70 to 100.70): VN049214.D (-2623) (-)

1000000

800000

600000

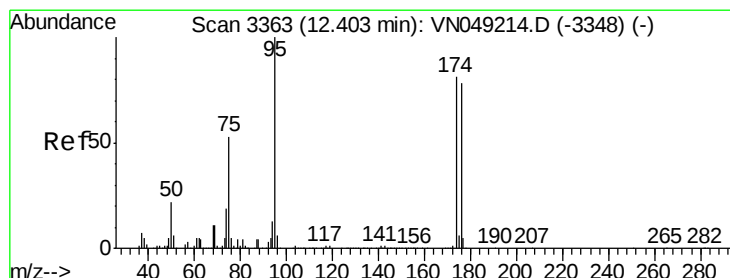
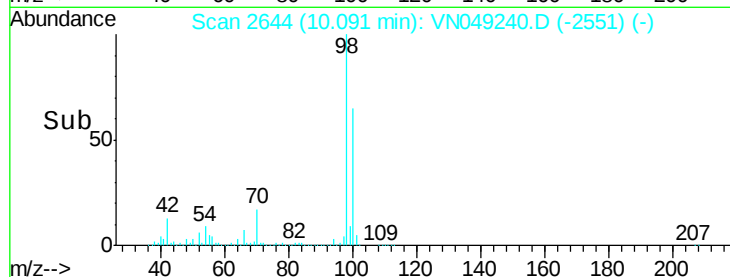
400000

200000

0

10.09

Time-->



#62

4-Bromofluorobenzene

Concen: 46.492 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

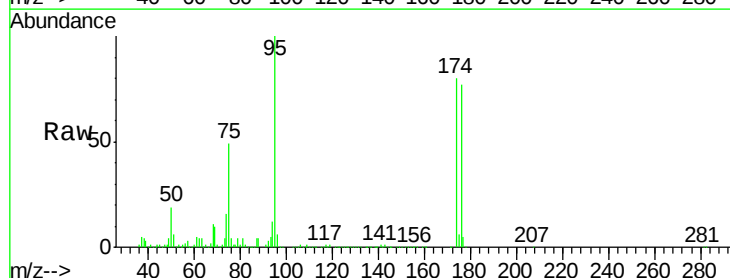
Tgt Ion: 95 Resp: 621635

Ion Ratio Lower Upper

95 100

174 79.4 0.0 165.6

176 76.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049214.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049214.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049214.D (-3348) (-)

400000

300000

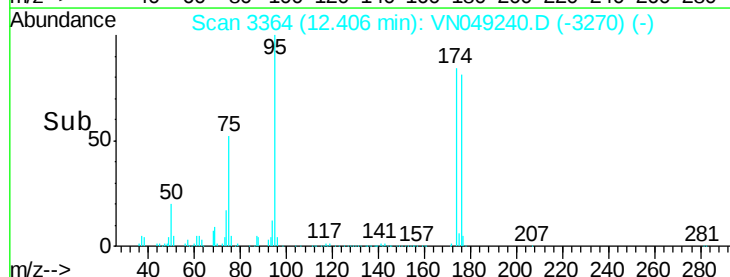
200000

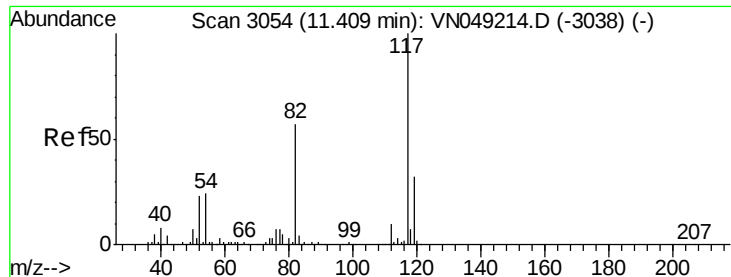
100000

0

12.41

Time-->

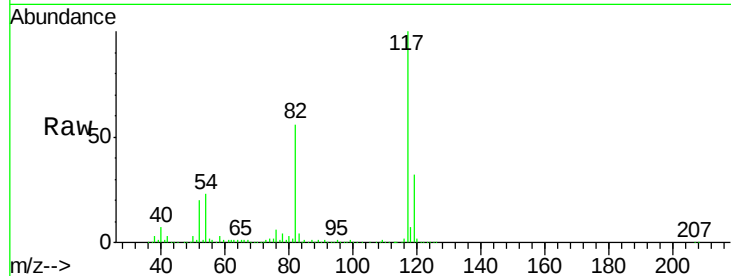




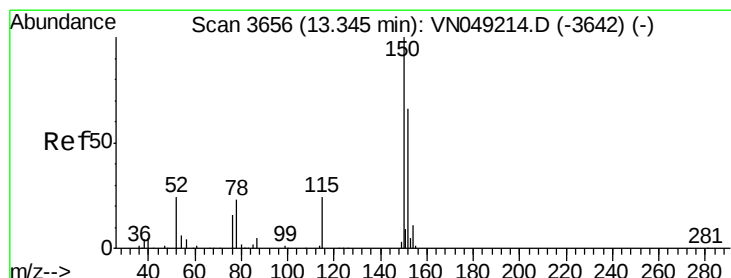
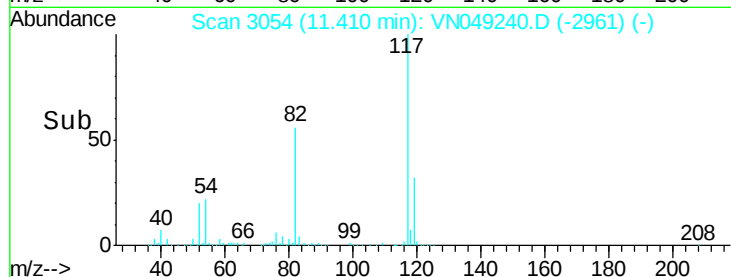
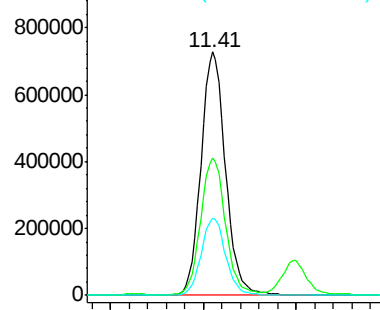
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Instrument :
MSVOA_N
ClientSampled :
W-19

Tot Ion:117 Resp: 1331796
Ion Ratio Lower Upper
117 100
82 56.2 45.9 68.9
119 31.8 25.5 38.3

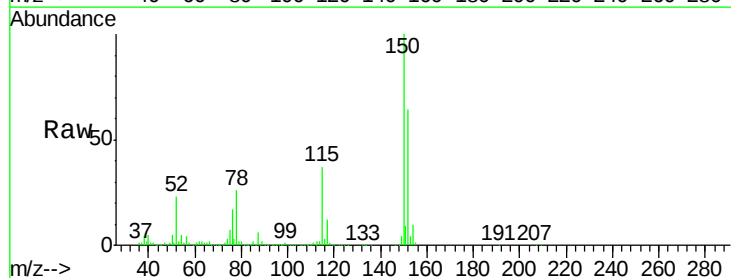


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

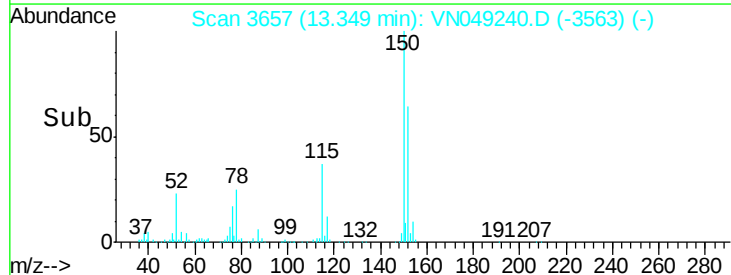
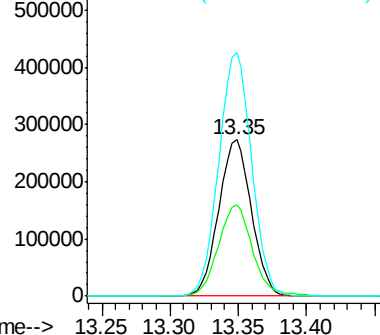


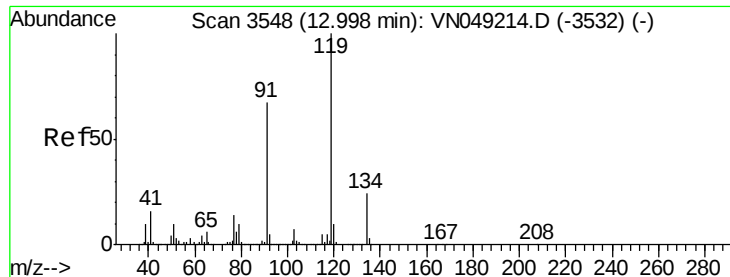
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion:152 Resp: 455968
Ion Ratio Lower Upper
152 100
115 60.1 28.7 86.1
150 156.3 0.0 351.0



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





#83

tert-Butylbenzene

Concen: 0.452 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

W-19

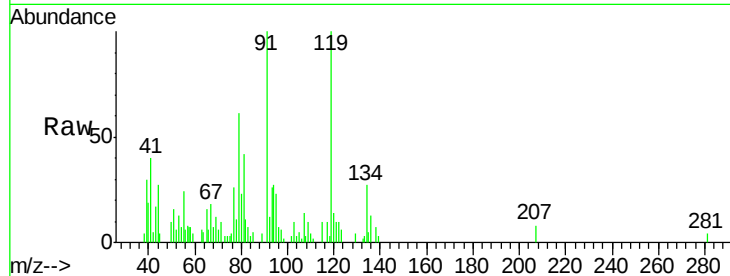
Tot Ion:119 Resp: 13061

Ion Ratio Lower Upper

119 100

91 109.4 33.7 101.0#

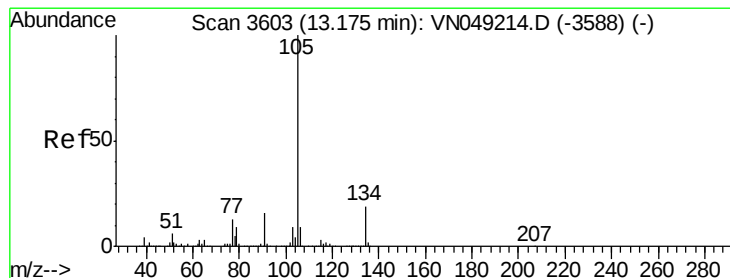
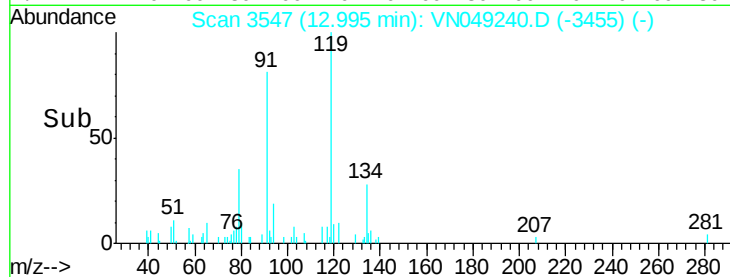
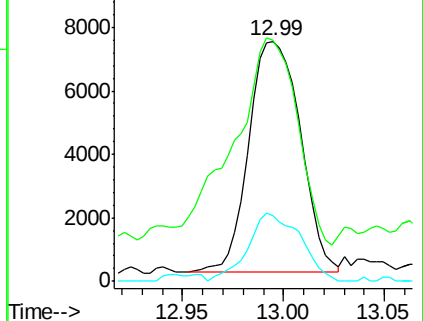
134 30.0 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 4.955 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049240.D

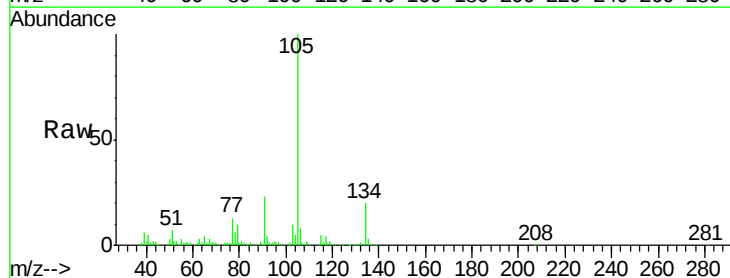
Acq: 14 Jun 2018 20:34

Tgt Ion:105 Resp: 191077

Ion Ratio Lower Upper

105 100

134 24.8 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

