

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049322.D
 Acq On : 16 Jun 2018 20:46
 Operator : MD\SY
 Sample : J3562-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 W-21

Quant Time: Jun 18 10:07:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1626615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2563523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2176517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	717154	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	1049935	48.67	ug/l	0.00
Spiked Amount						
			Recovery	=	97.34%	
35) Dibromofluoromethane	7.59	113	962500	46.41	ug/l	0.00
Spiked Amount						
			Recovery	=	92.82%	
50) Toluene-d8	10.09	98	3617295	45.81	ug/l	0.00
Spiked Amount						
			Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.40	95	1016834	38.94	ug/l	0.00
Spiked Amount						
			Recovery	=	77.88%	

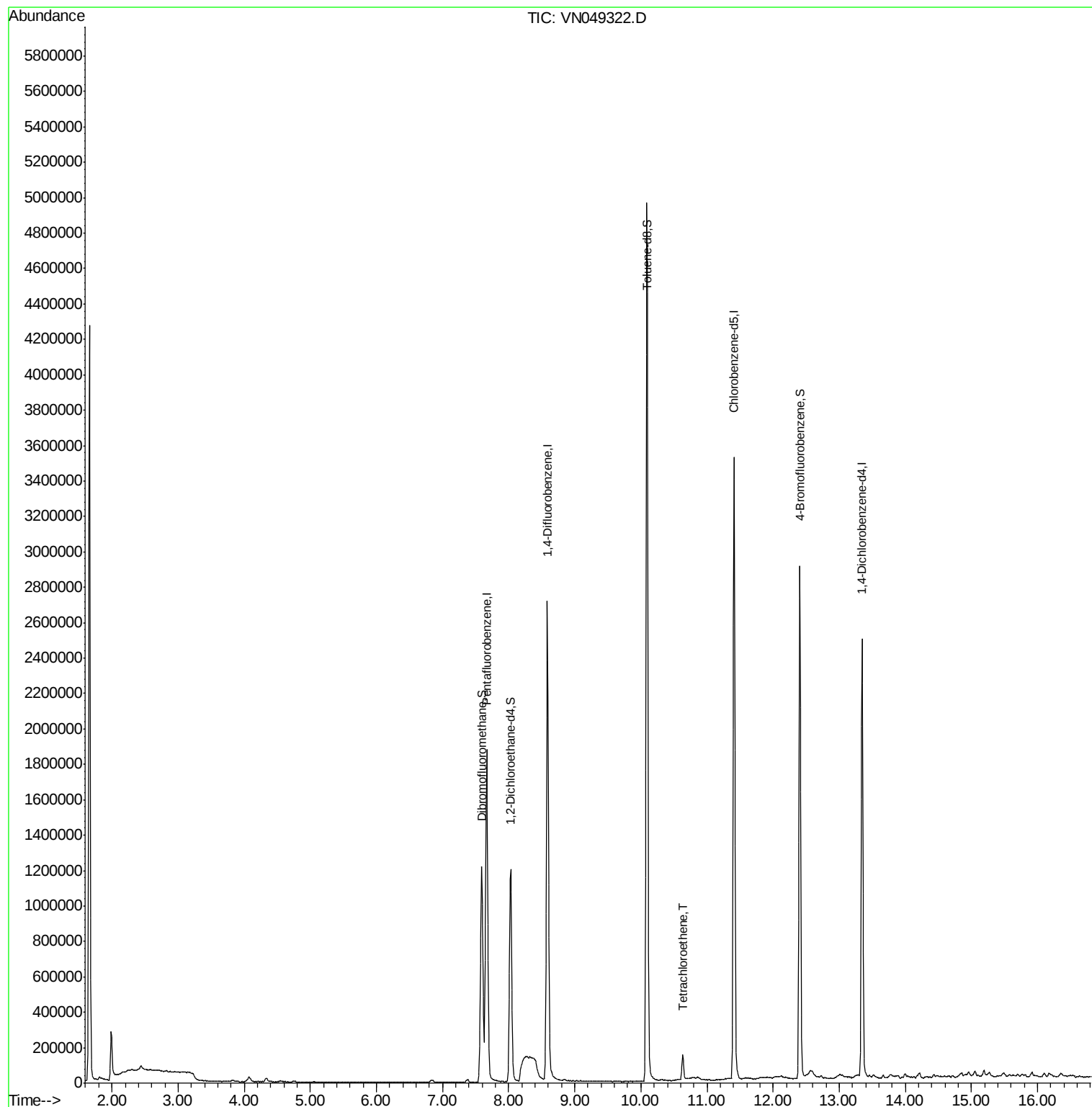
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	10.63	164	34825	1.56	ug/l	96

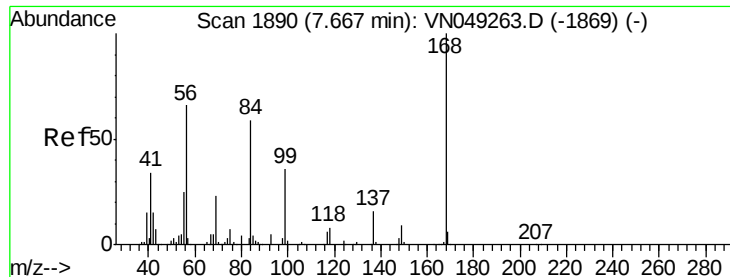
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049322.D

Acq: 16 Jun 2018 20:46

Instrument :

MSVOA_N

ClientSampled :

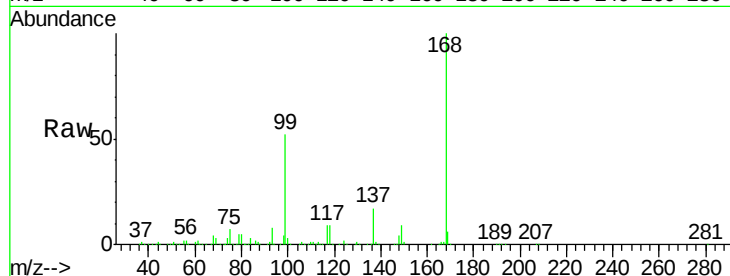
W-21

Tot Ion:168 Resp: 1626615

Ion Ratio Lower Upper

168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

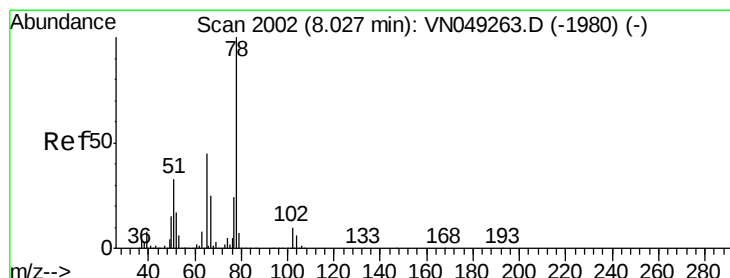
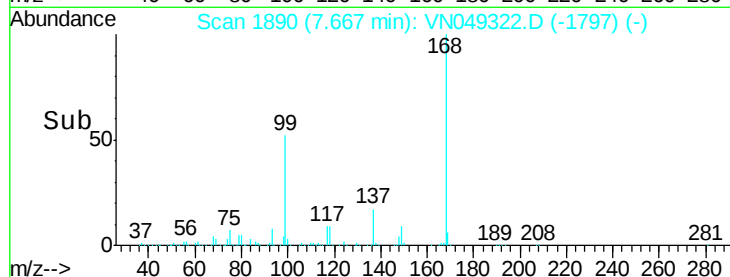
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 48.67 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049322.D

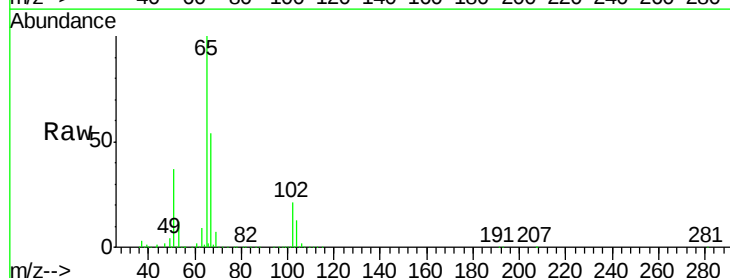
Acq: 16 Jun 2018 20:46

Tgt Ion: 65 Resp: 1049935

Ion Ratio Lower Upper

65 100

67 54.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

500000

400000

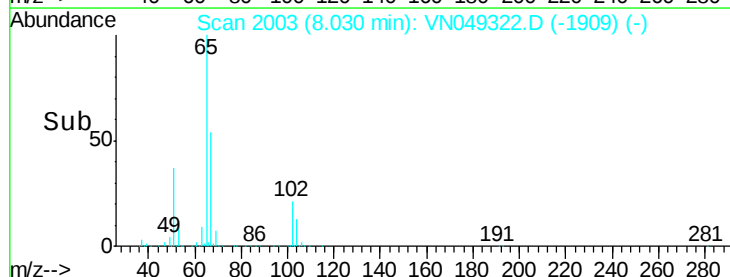
300000

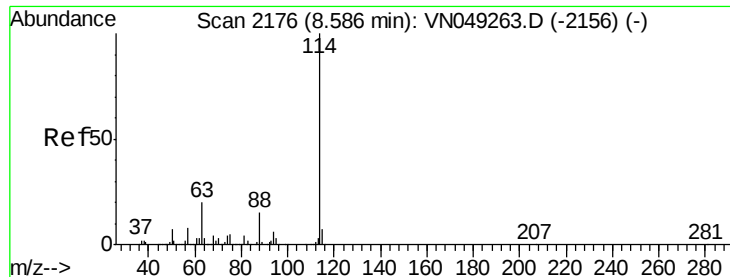
200000

100000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049322.D

Acq: 16 Jun 2018 20:46

Instrument :

MSVOA_N

ClientSampleId :

W-21

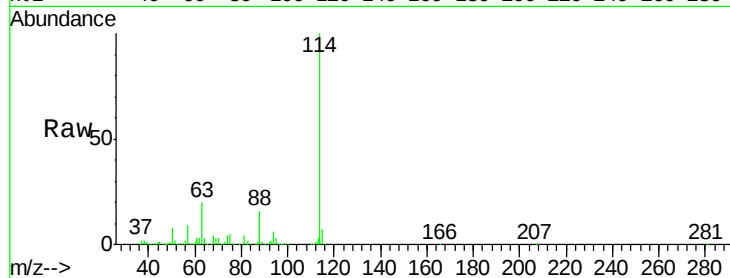
Tot Ion:114 Resp: 2563523

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

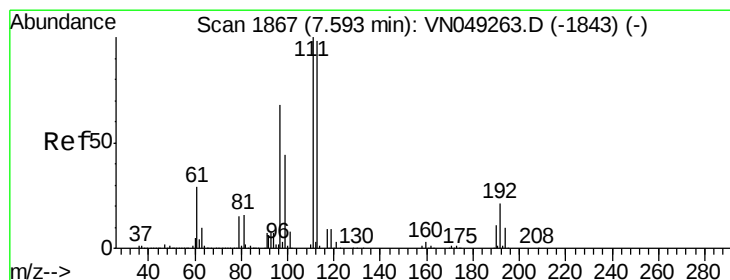
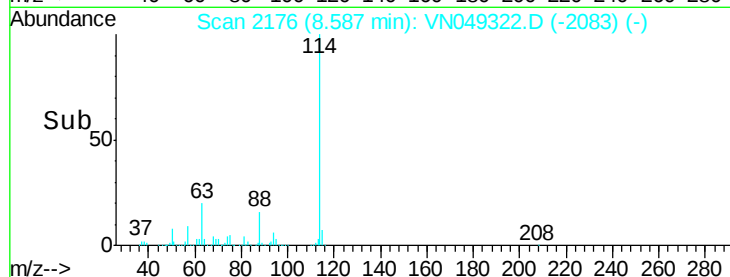
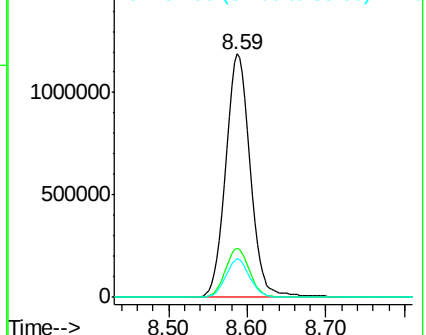
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.41 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049322.D

Acq: 16 Jun 2018 20:46

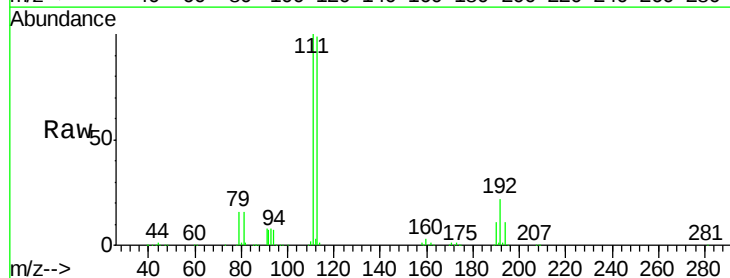
Tgt Ion:113 Resp: 962500

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

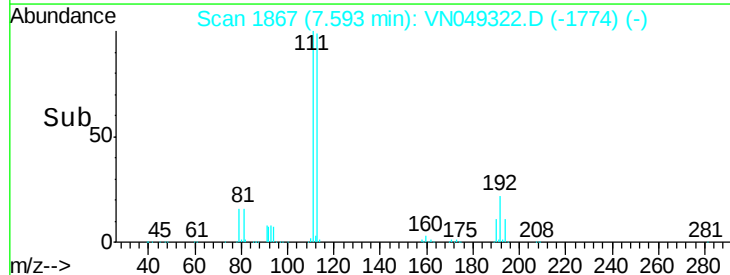
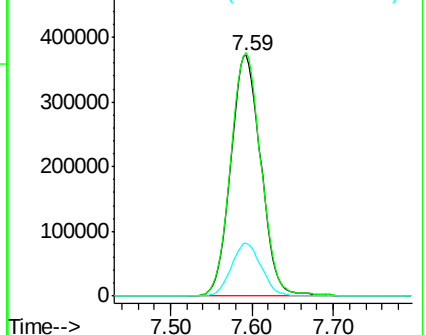
192 21.8 15.0 22.6

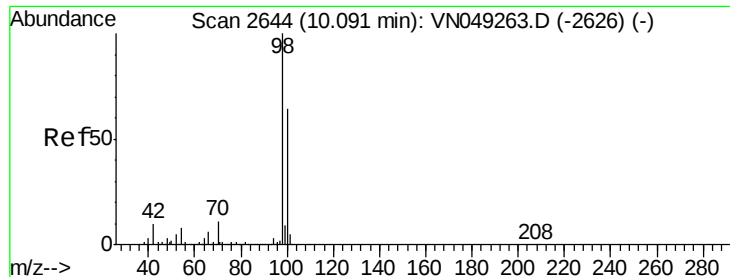


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.81 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049322.D

Acq: 16 Jun 2018 20:46

Instrument :

MSVOA_N

ClientSampled :

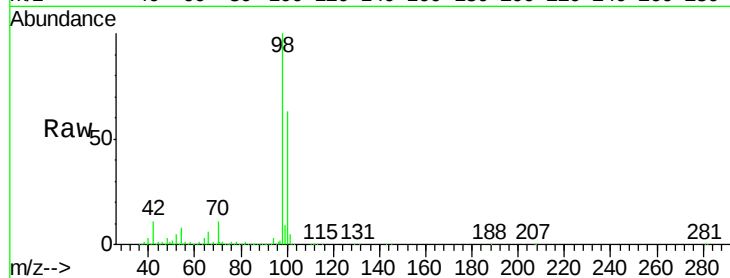
W-21

Tot Ion: 98 Resp: 3617295

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049322.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049322.D (-2551) (-)

10.09

2000000

1500000

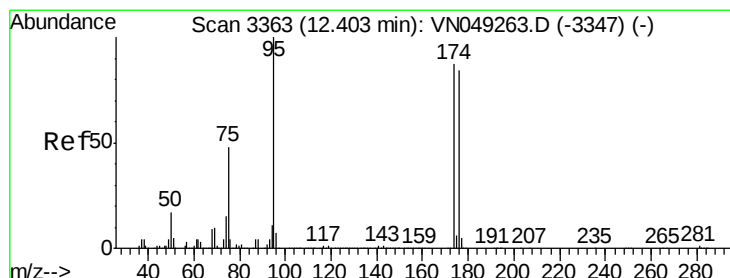
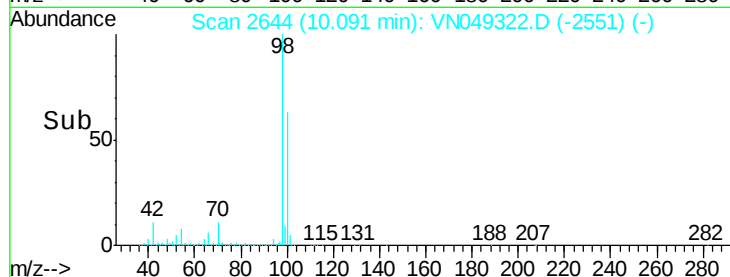
1000000

500000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 38.94 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049322.D

Acq: 16 Jun 2018 20:46

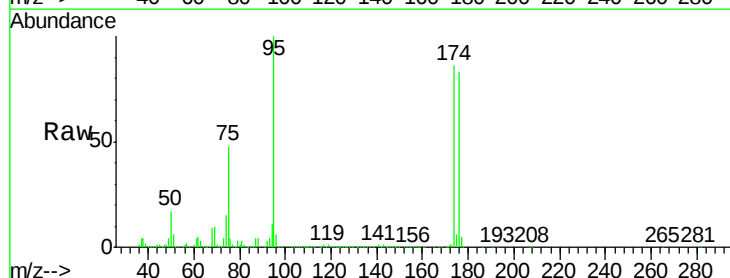
Tgt Ion: 95 Resp: 1016834

Ion Ratio Lower Upper

95 100

174 87.2 0.0 165.6

176 84.7 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049322.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049322.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049322.D (-3270) (-)

800000

600000

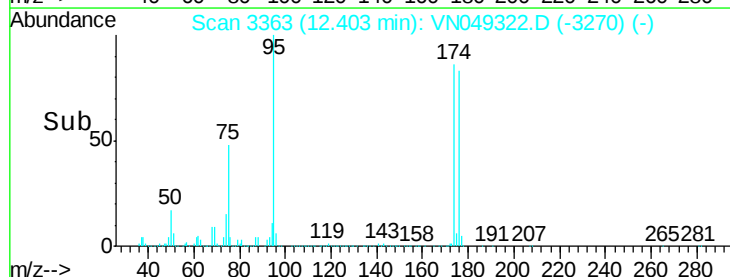
400000

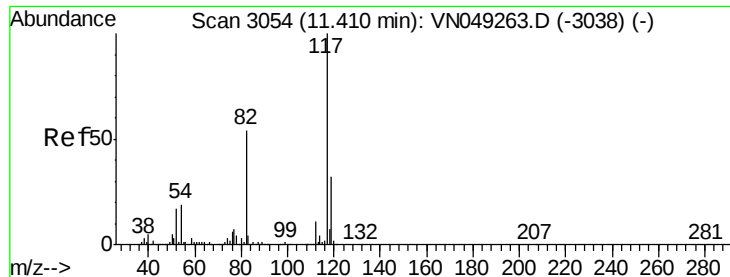
200000

0

Time-->

12.30 12.40 12.50

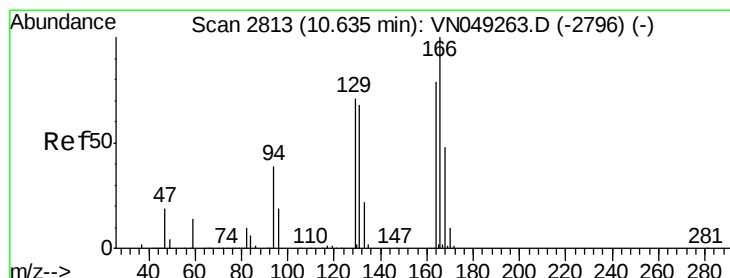
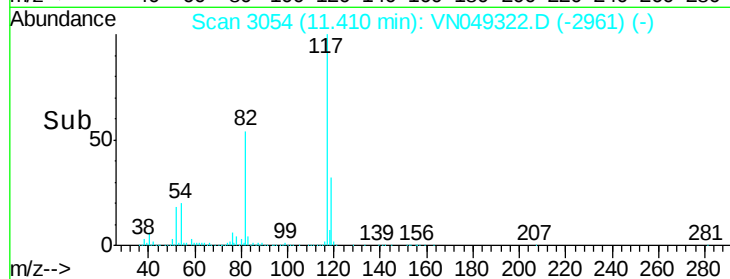
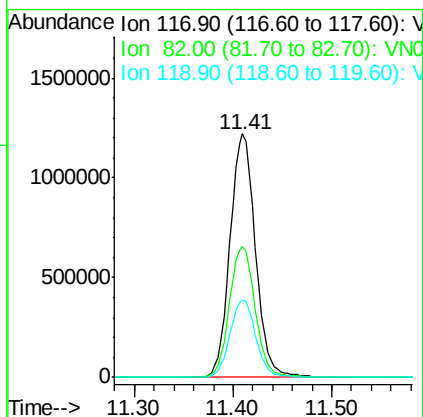
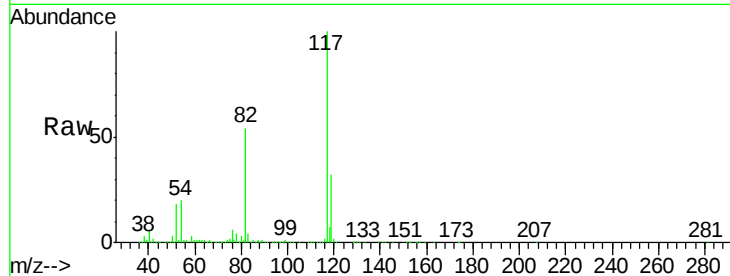




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049322.D
Acq: 16 Jun 2018 20:46

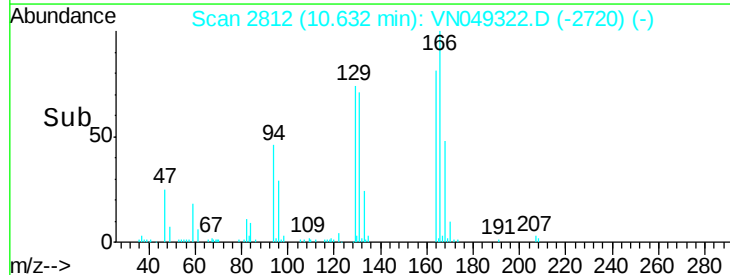
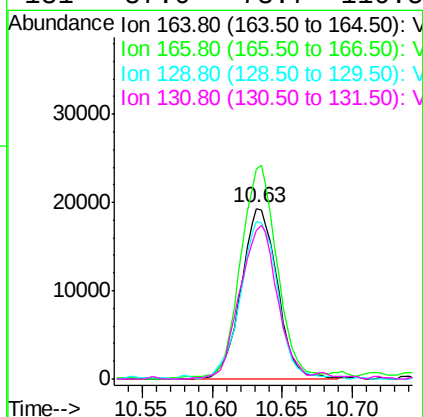
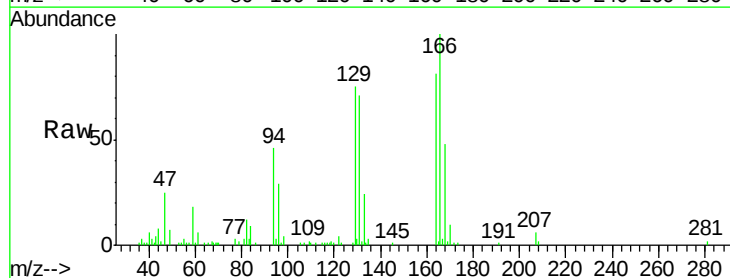
Instrument :
MSVOA_N
ClientSampleId :
W-21

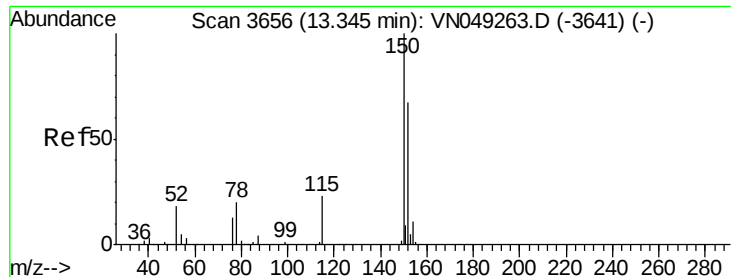
Tot Ion:117 Resp: 2176517
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 1.56 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049322.D
Acq: 16 Jun 2018 20:46

Tgt Ion:164 Resp: 34825
Ion Ratio Lower Upper
164 100
166 121.7 101.4 152.2
129 90.6 74.1 111.1
131 87.0 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049322.D

Acq: 16 Jun 2018 20:46

Instrument :

MSVOA_N

ClientSampleId :

W-21

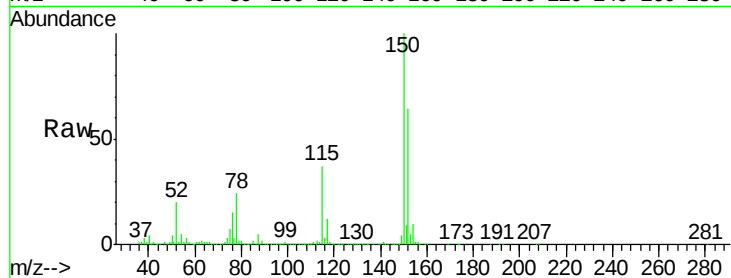
Tot Ion:152 Resp: 717154

Ion Ratio Lower Upper

152 100

115 57.9 28.7 86.1

150 155.8 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

