

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049482.D
 Acq On : 21 Jun 2018 21:19
 Operator : MD\SY
 Sample : J3622-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 275-137-282-284

Quant Time: Jun 22 05:11:20 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	1210179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1876193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1589938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	493293	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	813080	50.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	702679	46.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.58%	
50) Toluene-d8	10.09	98	2617700	45.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.40	95	700846	36.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.34%	

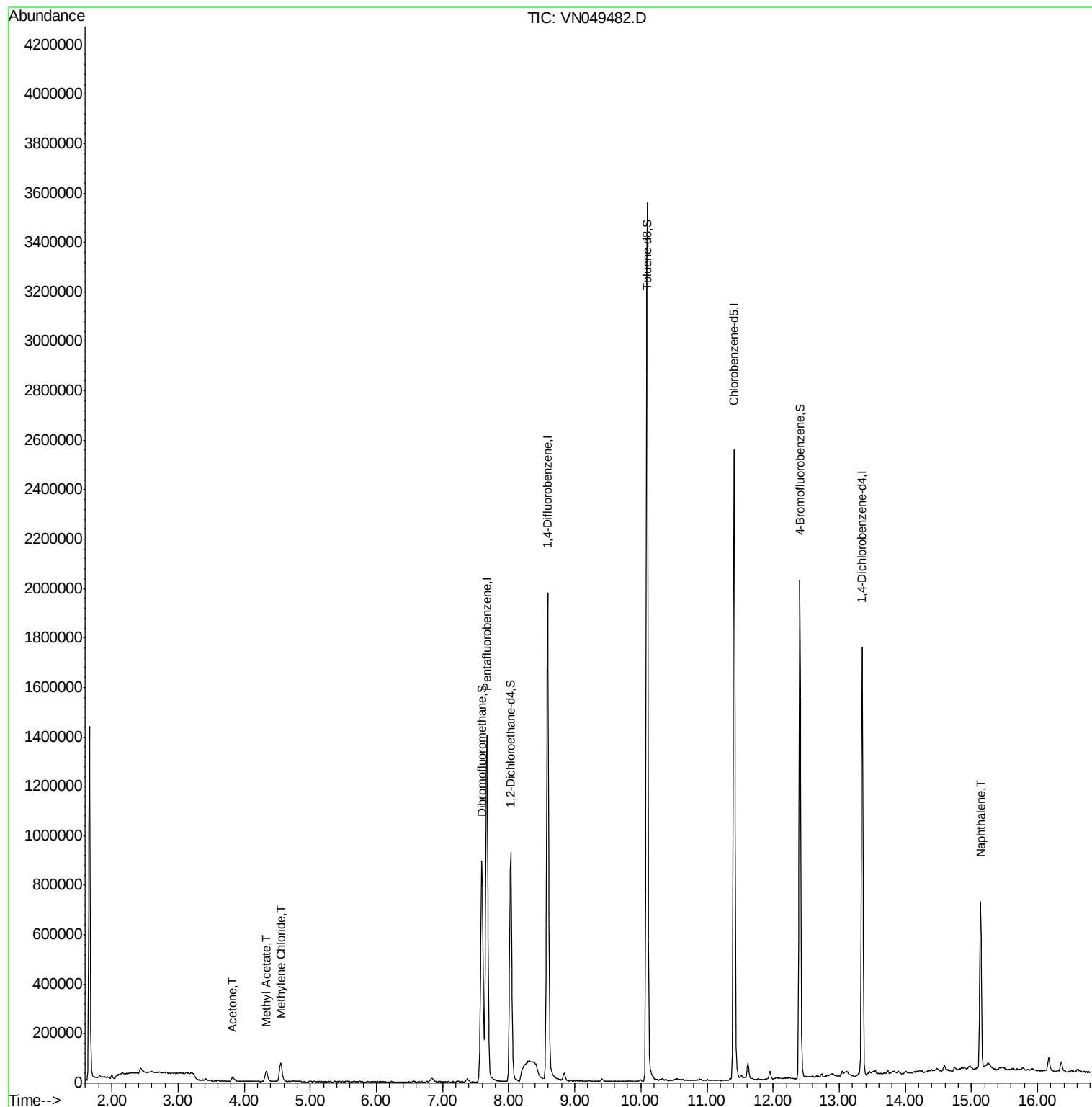
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	25637	6.58	ug/l	93
18) Methyl Acetate	4.33	43	83297	7.01	ug/l	96
20) Methylene Chloride	4.55	84	56980	3.50	ug/l	96
95) Naphthalene	15.14	128	597648	41.17	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

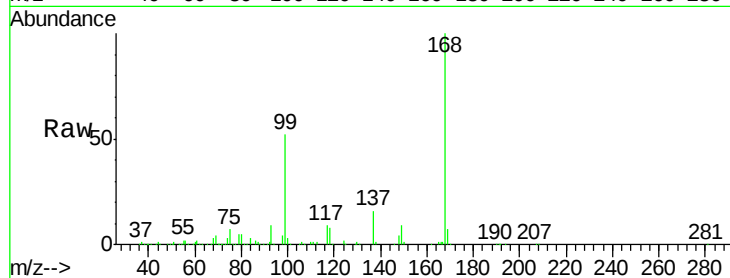
275-137-282-284

Tot Ion:168 Resp: 1210179

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

300000

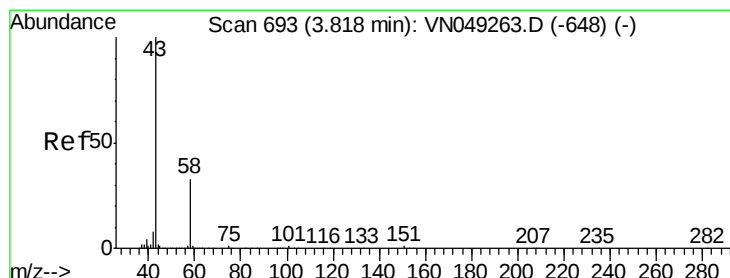
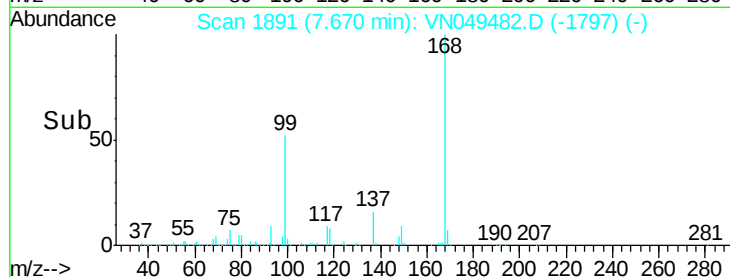
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.58 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049482.D

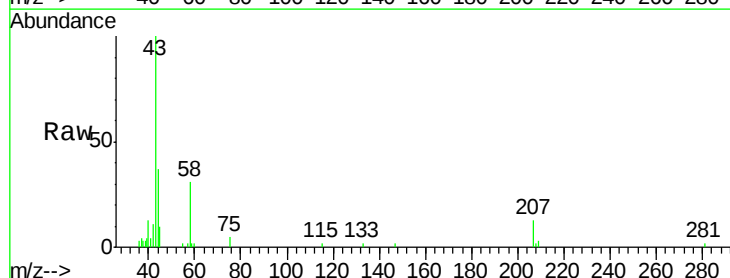
Acq: 21 Jun 2018 21:19

Tgt Ion: 43 Resp: 25637

Ion Ratio Lower Upper

43 100

58 31.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

6000

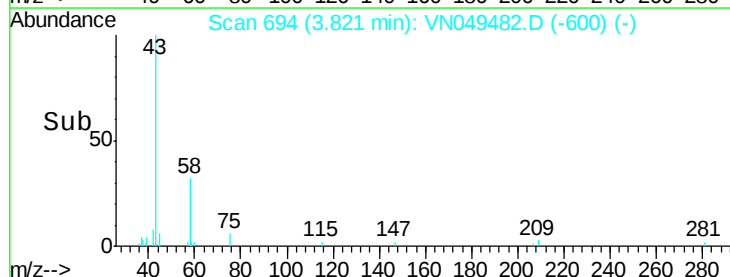
4000

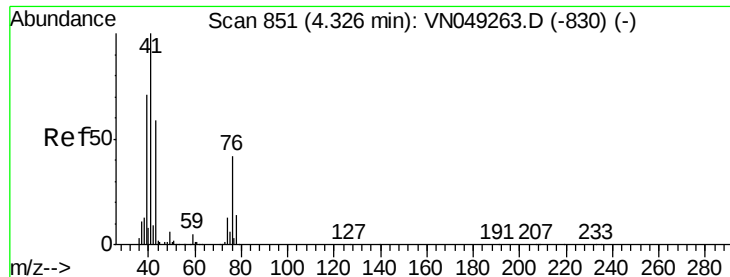
2000

0

3.75 3.80 3.85 3.90

Time-->





#18

Methvl Acetate

Concen: 7.01 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

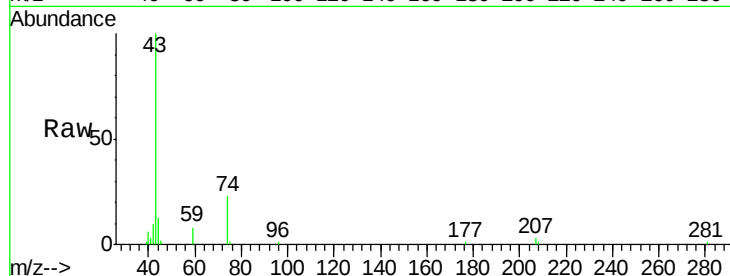
275-137-282-284

Tot Ion: 43 Resp: 83297

Ion Ratio Lower Upper

43 100

74 23.6 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

30000

25000

20000

15000

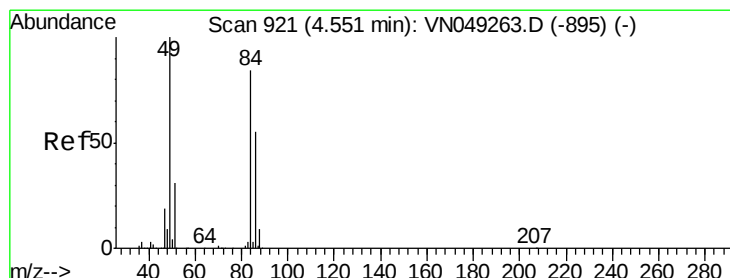
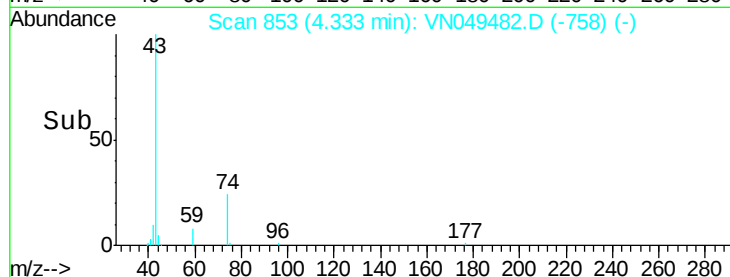
10000

5000

0

4.20 4.30 4.40

Time-->



#20

Methylene Chloride

Concen: 3.50 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Tgt Ion: 84 Resp: 56980

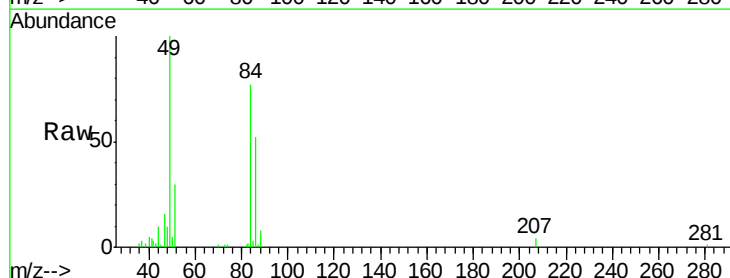
Ion Ratio Lower Upper

84 100

49 129.9 106.9 160.3

51 38.4 32.7 49.1

86 67.8 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

30000

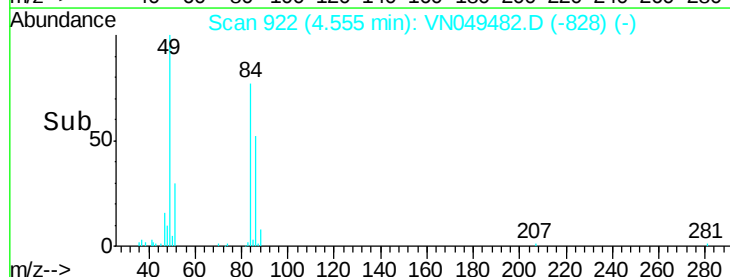
20000

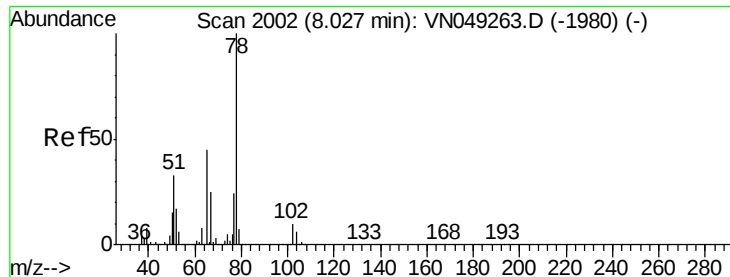
10000

0

4.50 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.66 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

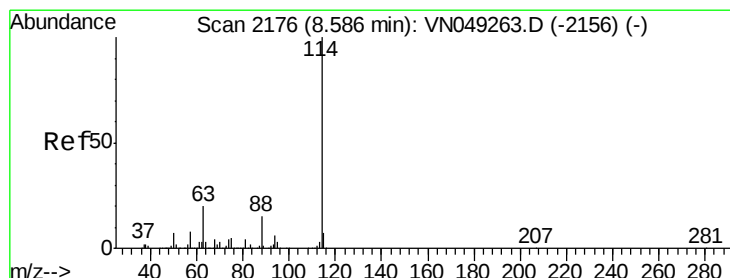
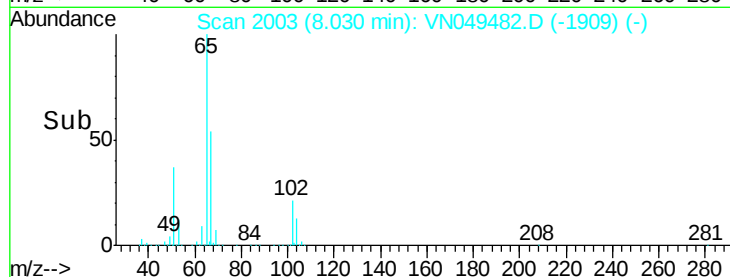
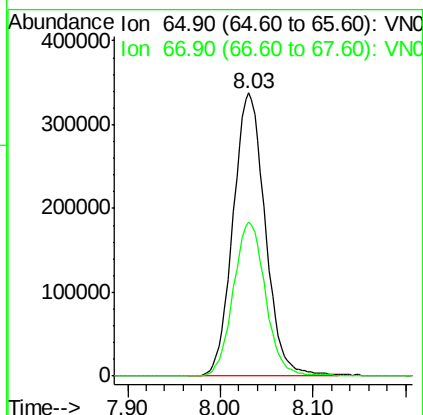
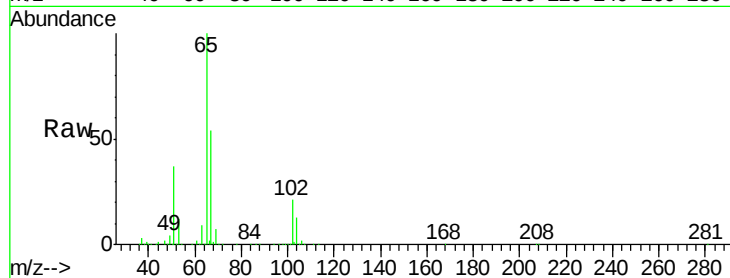
275-137-282-284

Tot Ion: 65 Resp: 813080

Ion Ratio Lower Upper

65 100

67 54.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

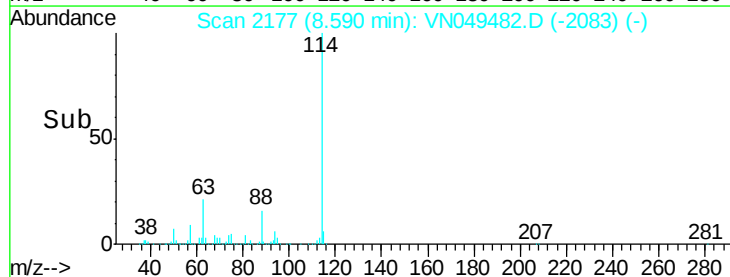
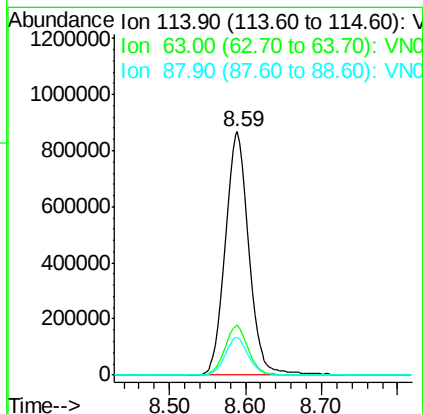
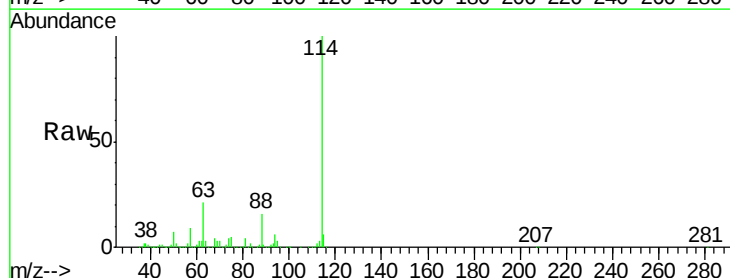
Tgt Ion: 114 Resp: 1876193

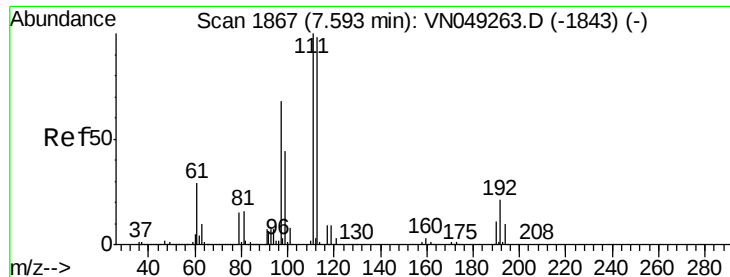
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.4

88 15.6 0.0 31.4

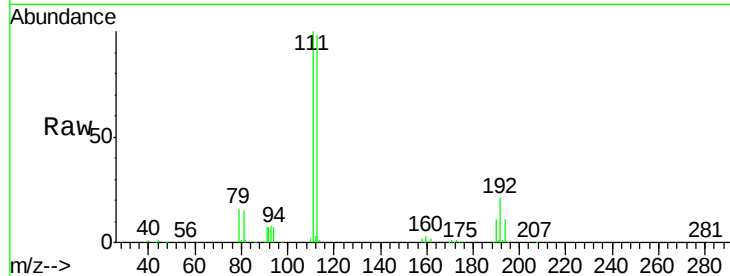




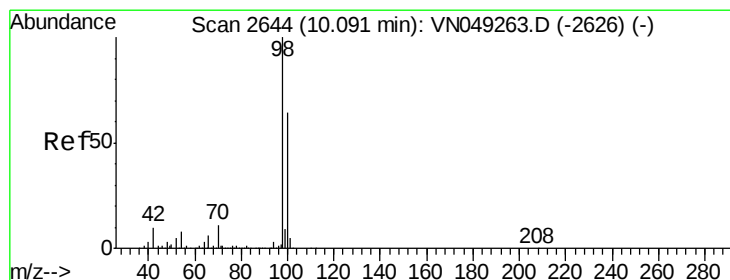
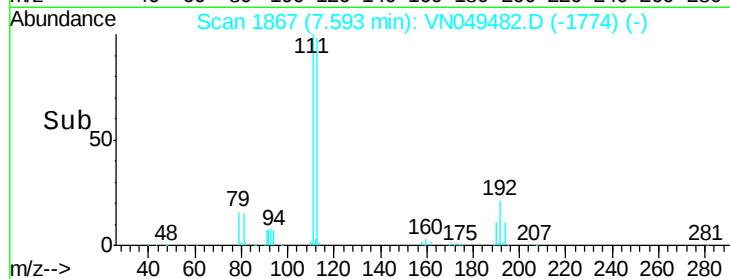
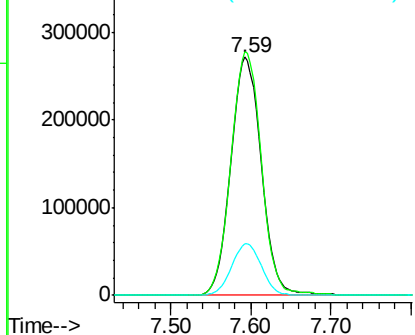
#35
Dibromofluoromethane
Concen: 46.29 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Instrument :
MSVOA_N
ClientSampleId :
275-137-282-284

Tot Ion:113 Resp: 702679
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 21.5 15.0 22.6

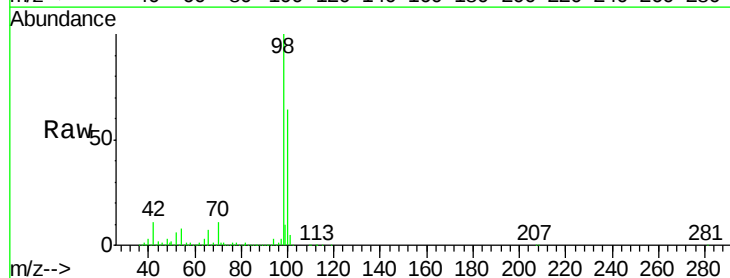


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

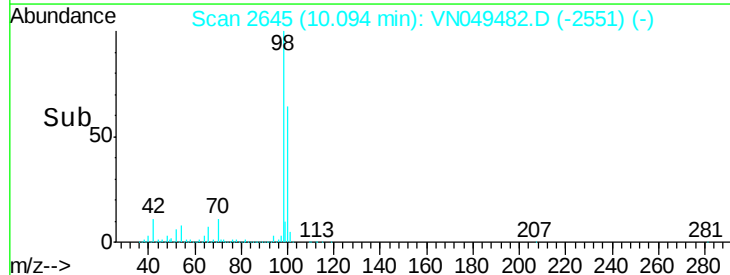
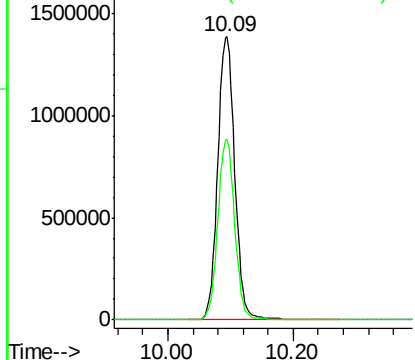


#50
Toluene-d8
Concen: 45.29 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion: 98 Resp: 2617700
Ion Ratio Lower Upper
98 100
100 63.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

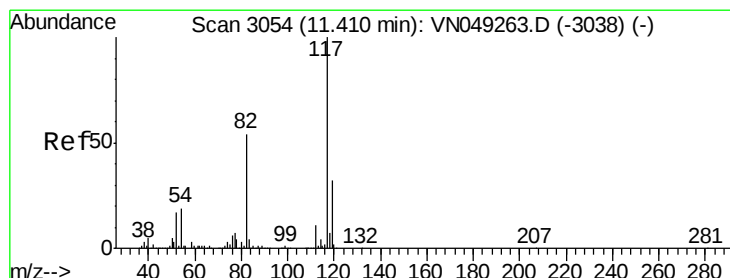
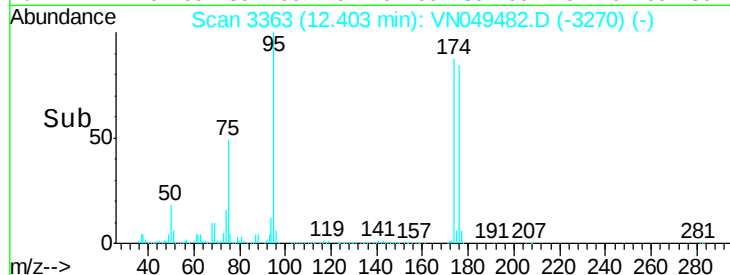
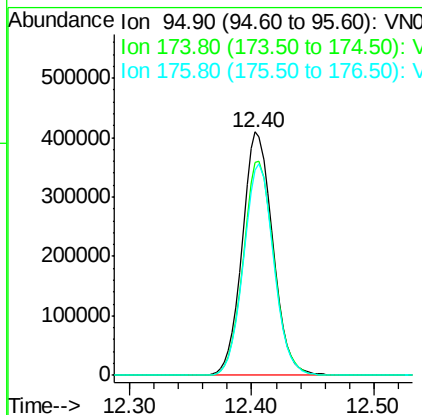
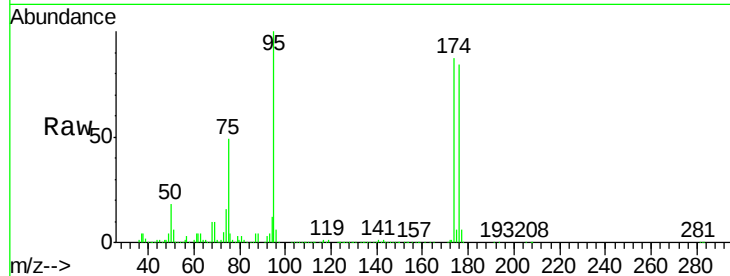




#62
4-Bromofluorobenzene
Concen: 36.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

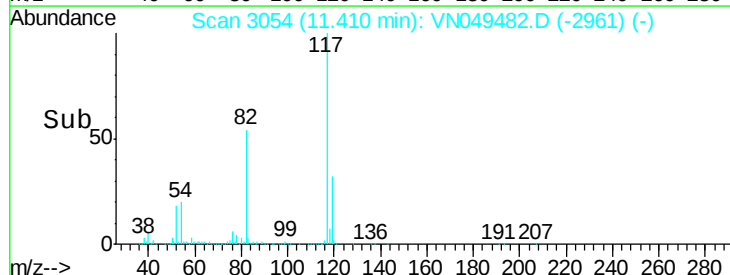
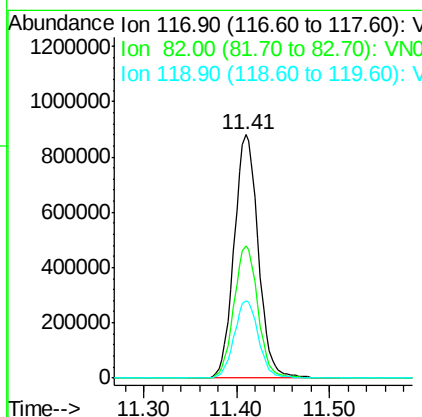
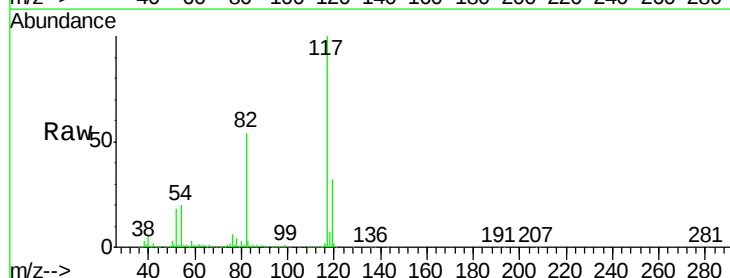
Instrument :
MSVOA_N
ClientSampleId :
275-137-282-284

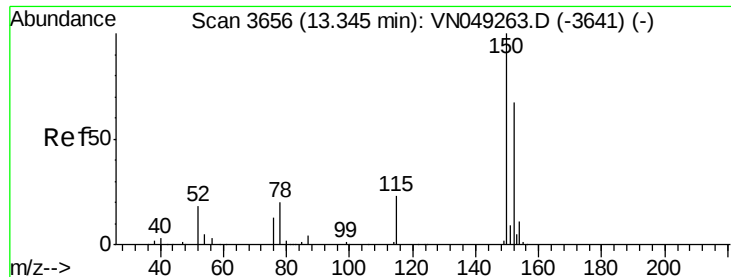
Tot Ion: 95 Resp: 700846
Ion Ratio Lower Upper
95 100
174 88.6 0.0 165.6
176 86.2 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion: 117 Resp: 1589938
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

275-137-282-284

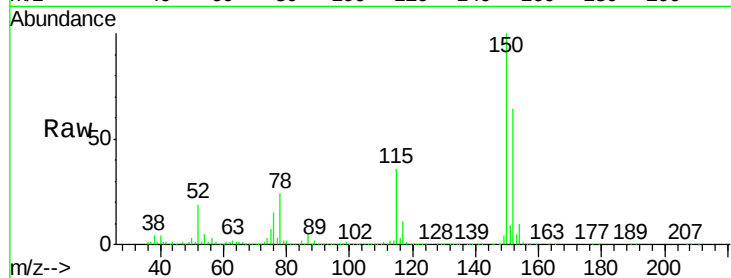
Tot Ion:152 Resp: 493293

Ion Ratio Lower Upper

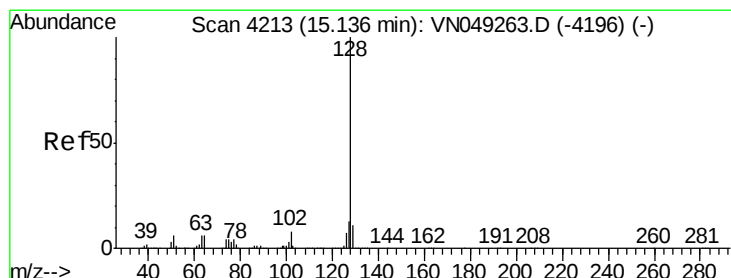
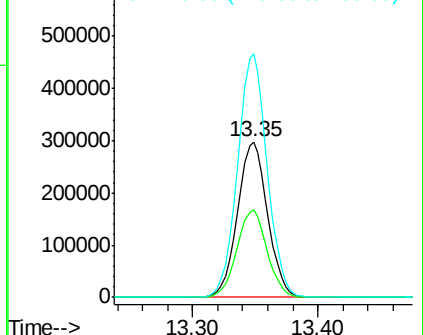
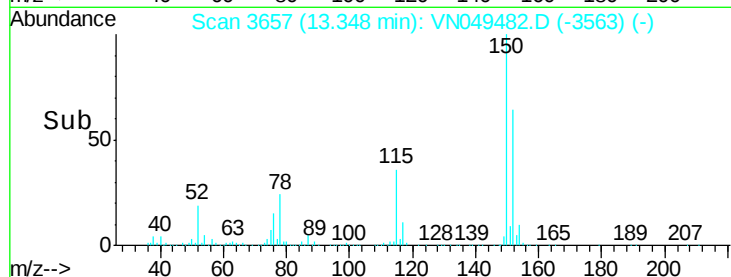
152 100

115 56.3 28.7 86.1

150 154.4 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



#95

Naphthalene

Concen: 41.17 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

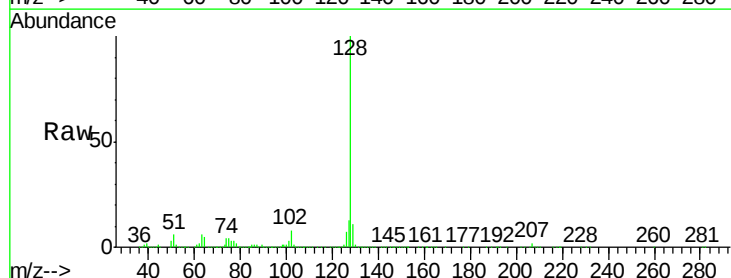
Tgt Ion:128 Resp: 597648

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.5 12.7



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

