

Data File : VN049655.D
Acq On : 30 Jun 2018 18:44
Operator : MD\SY
Sample : J3752-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Jul 07 04:52:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1270704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2028040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1681448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	837079	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.59	113	742089	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.09	98	2759754	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	12.40	95	769171	37.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.92%	

Target Compounds

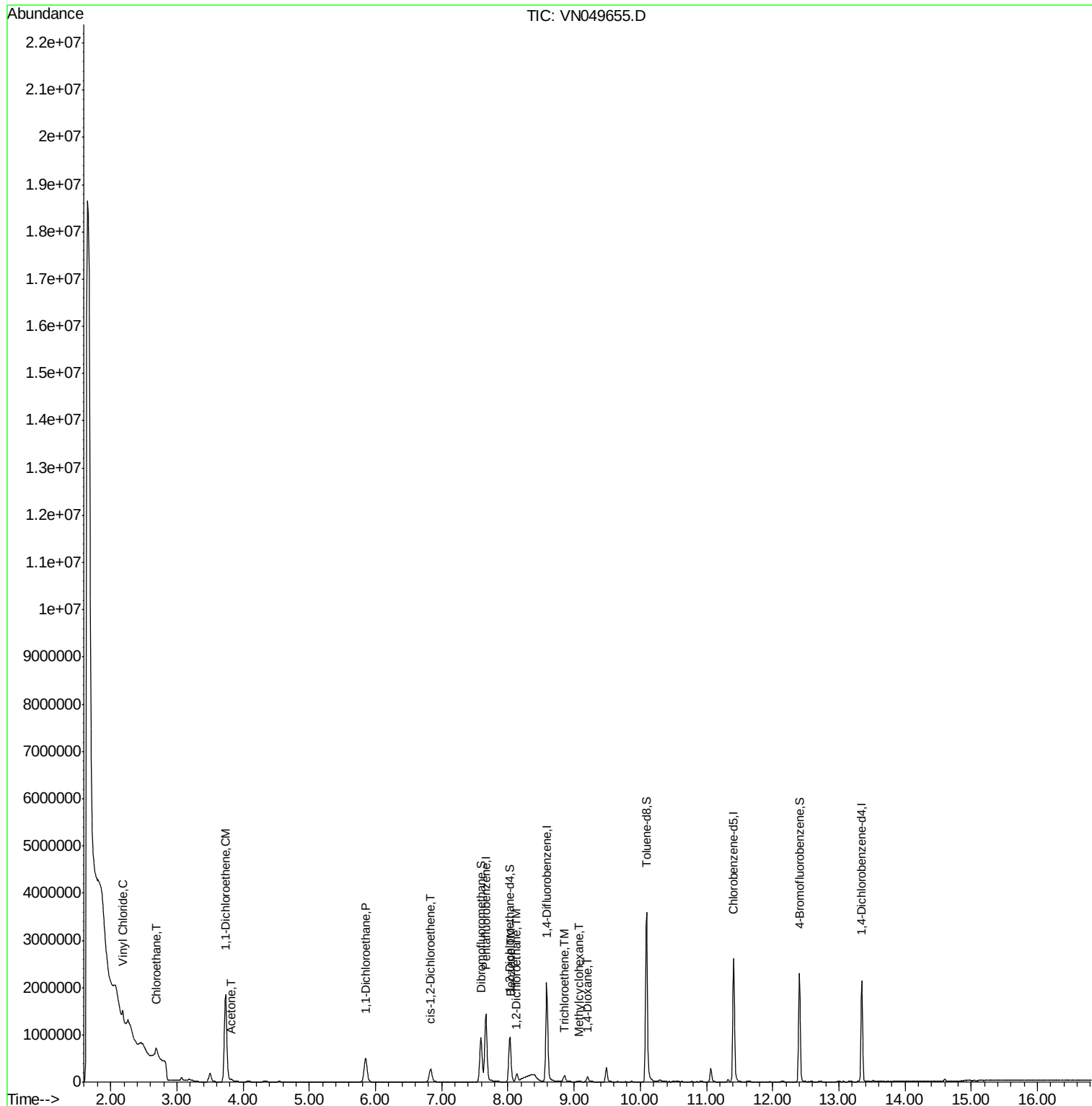
						Qvalue
4) Vinyl Chloride	2.18	62	182306	9.490	ug/l	99
6) Chloroethane	2.70	64	13106	1.078	ug/l	94
12) 1,1-Dichloroethene	3.73	96	1066683	71.470	ug/l	99
16) Acetone	3.82	43	57788	9.460	ug/l	98
24) 1,1-Dichloroethane	5.85	63	787370	26.946	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	197340	11.501	ug/l	89
39) Methylcyclohexane	9.08	83	5179	0.207	ug/l #	86
40) Benzene	8.05	78	34618	0.497	ug/l #	90
42) 1,2-Dichloroethane	8.12	62	47080	2.117	ug/l	86
44) Trichloroethene	8.84	130	14899	0.709	ug/l	97
49) 1,4-Dioxane	9.20	88	84344	530.502	ug/l	93

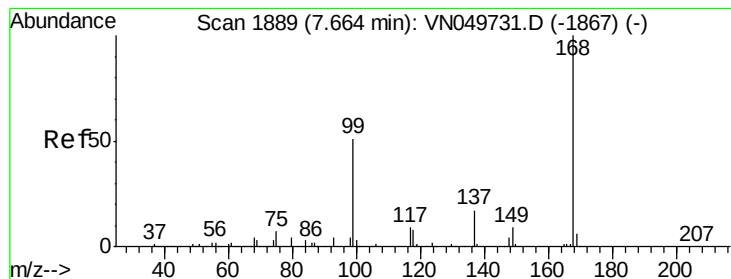
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

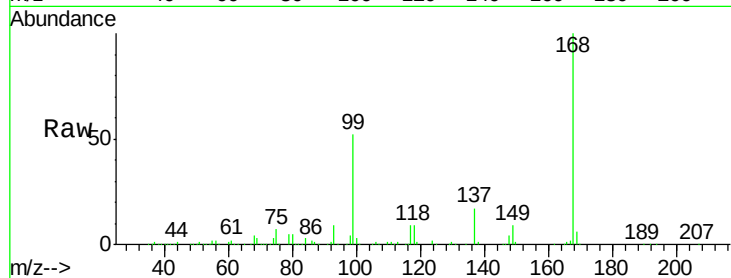
MW-2

Tgt Ion:168 Resp: 1270704

Ion Ratio Lower Upper

168 100

99 51.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

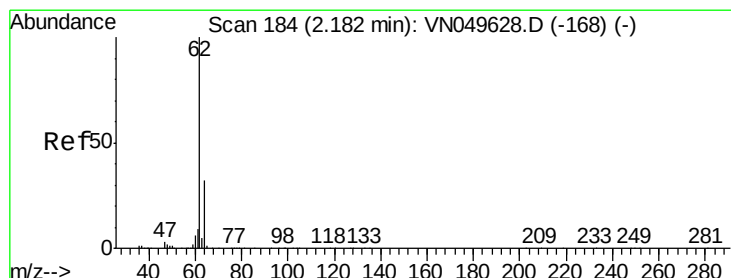
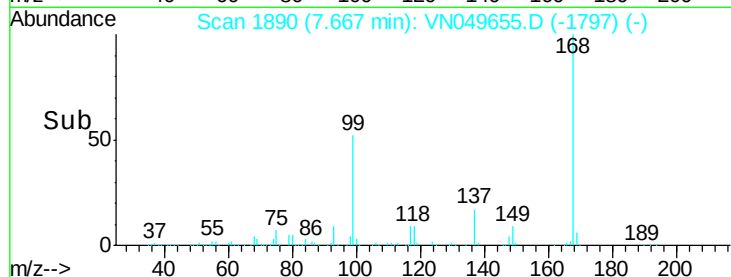
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 9.490 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049655.D

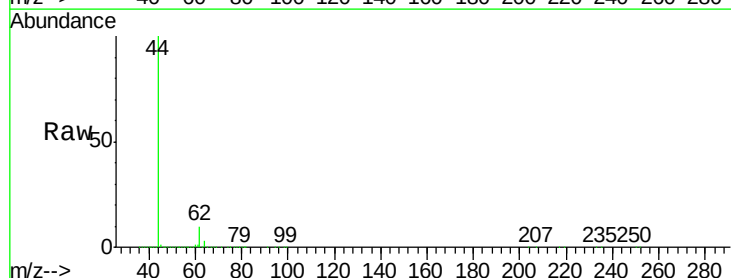
Acq: 30 Jun 2018 18:44

Tgt Ion: 62 Resp: 182306

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

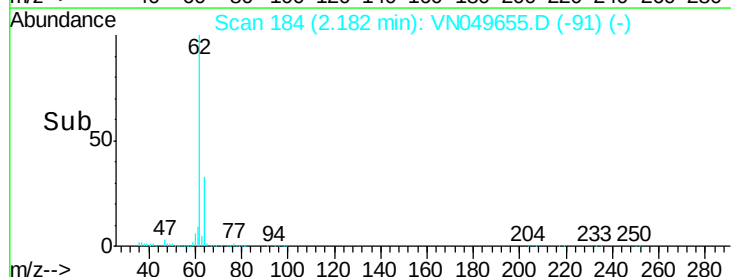
2.18

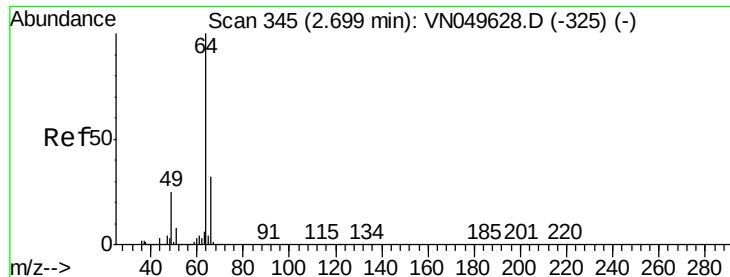
100000

50000

0

Time-->





#6

Chloroethane

Concen: 1.078 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

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Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

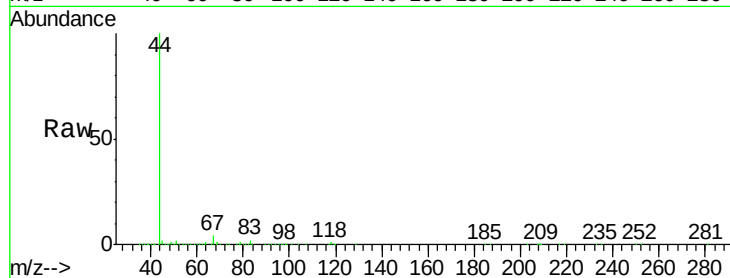
MW-2

Tgt Ion: 64 Resp: 13106

Ion Ratio Lower Upper

64 100

66 28.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

5000

4000

3000

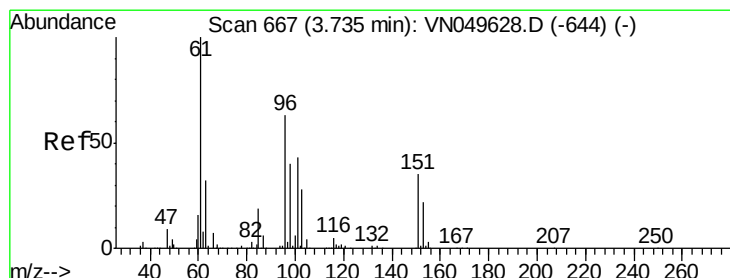
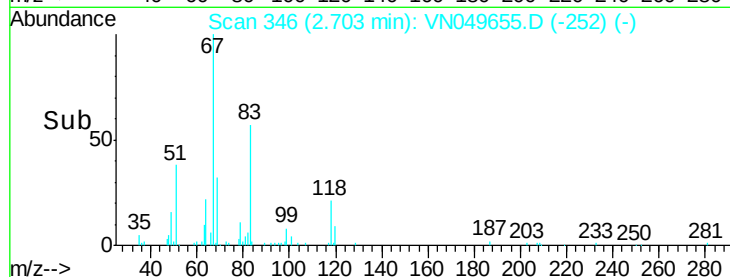
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#12

1,1-Dichloroethene

Concen: 71.470 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

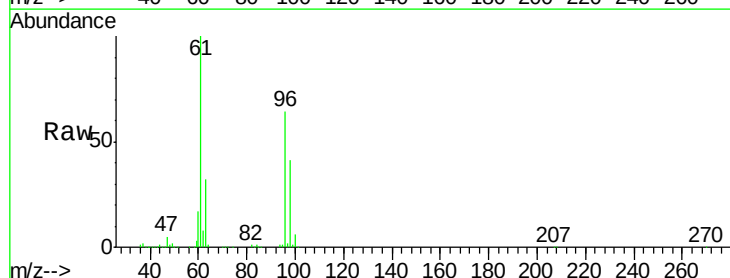
Tgt Ion: 96 Resp: 1066683

Ion Ratio Lower Upper

96 100

61 157.4 126.5 189.7

98 64.2 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

800000

600000

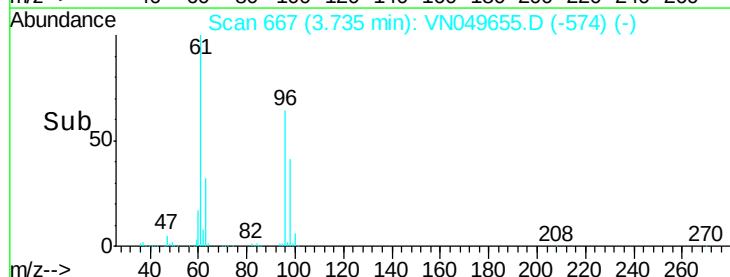
400000

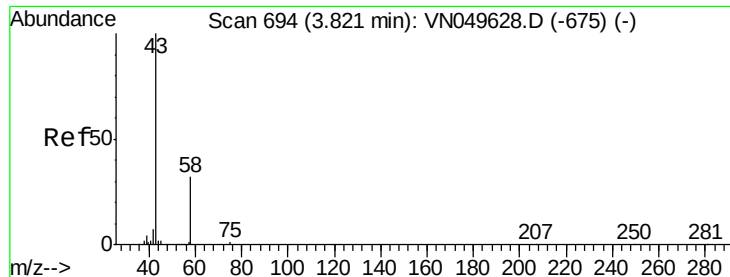
200000

0

Time-->

3.60 3.70 3.80 3.90





#16

Acetone

Concen: 9.460 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

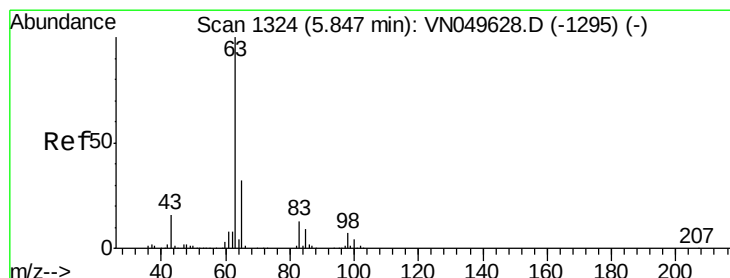
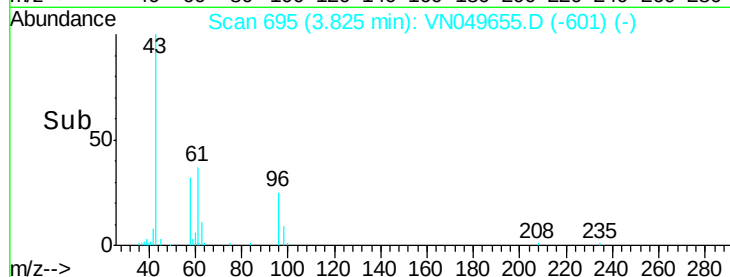
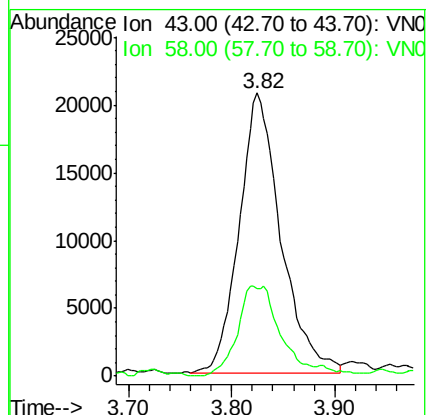
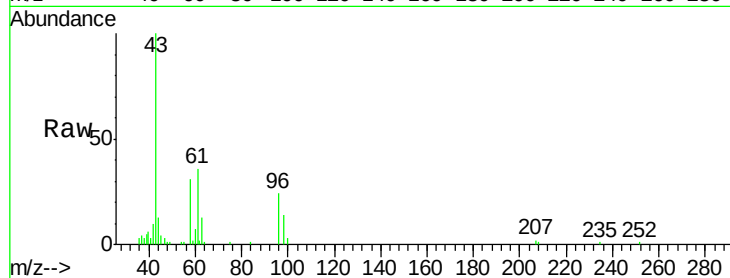
MW-2

Tgt Ion: 43 Resp: 57788

Ion Ratio Lower Upper

43 100

58 31.4 25.9 38.9



#24

1,1-Dichloroethane

Concen: 26.946 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

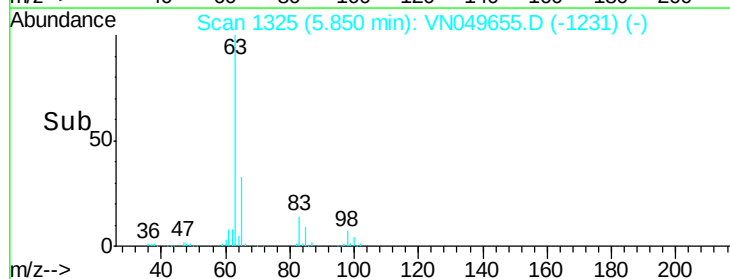
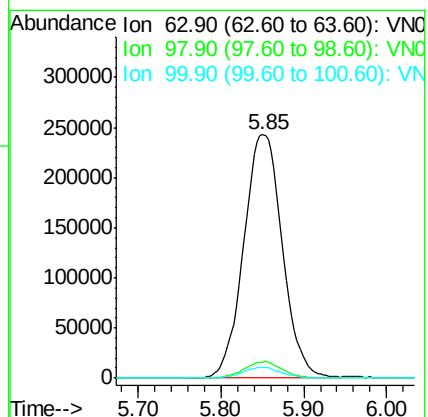
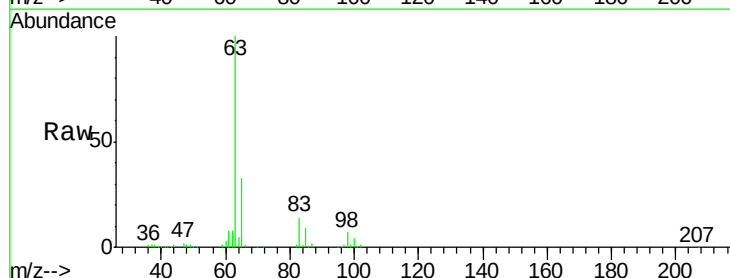
Tgt Ion: 63 Resp: 787370

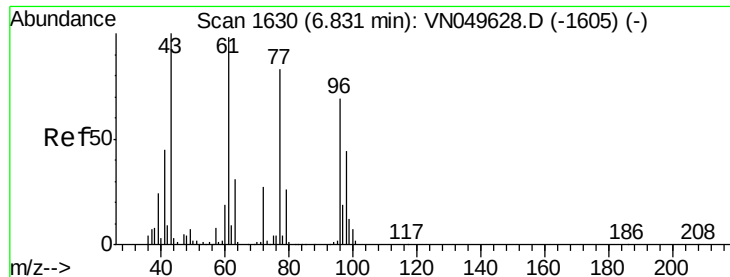
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.3 2.2 6.6





#27

cis-1,2-Dichloroethene

Concen: 11.501 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

MW-2

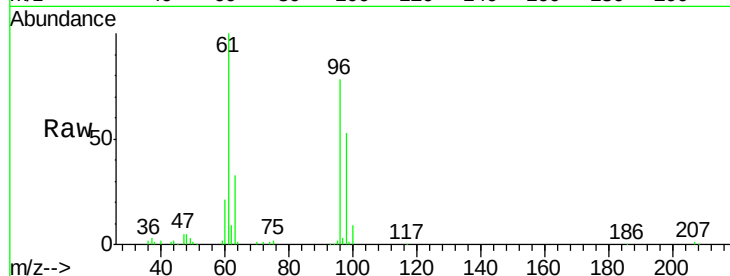
Tgt Ion: 96 Resp: 197340

Ion Ratio Lower Upper

96 100

61 126.6 0.0 289.0

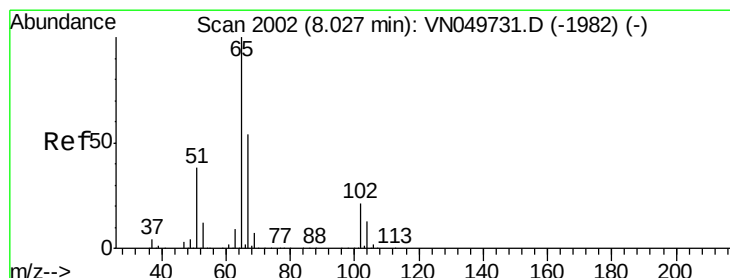
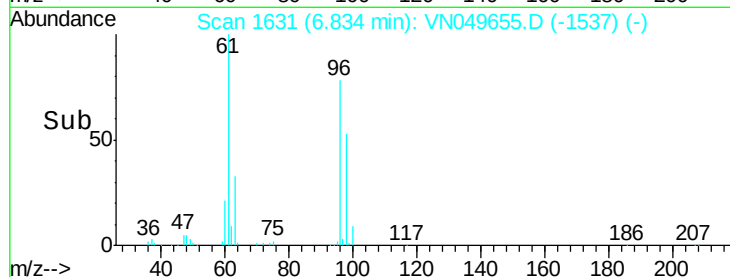
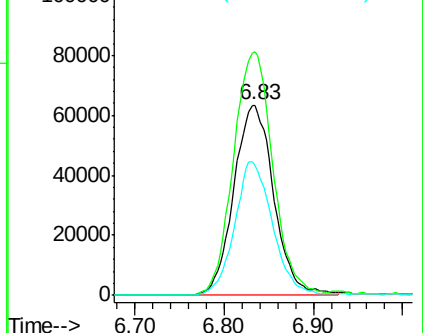
98 66.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VN049628.D (-1605) (-)

Ion 60.90 (60.60 to 61.60): VN049628.D (-1605) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1605) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.883 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049655.D

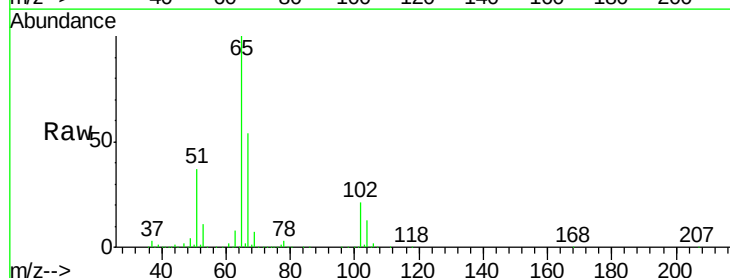
Acq: 30 Jun 2018 18:44

Tgt Ion: 65 Resp: 837079

Ion Ratio Lower Upper

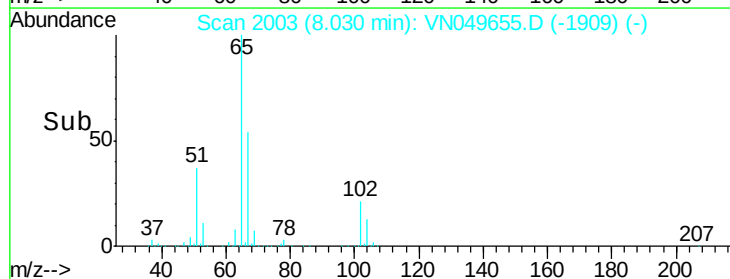
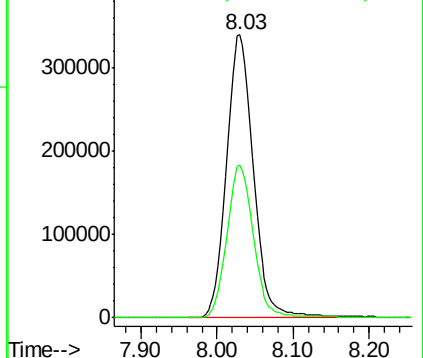
65 100

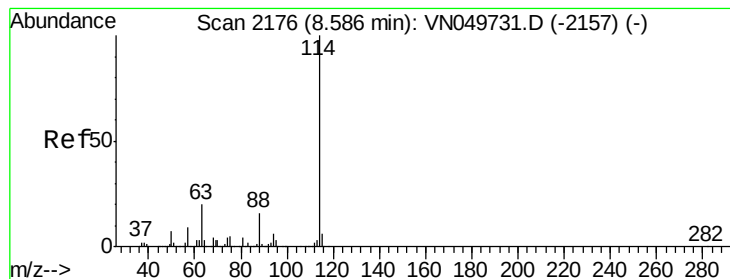
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049731.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049731.D (-1982) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

MW-2

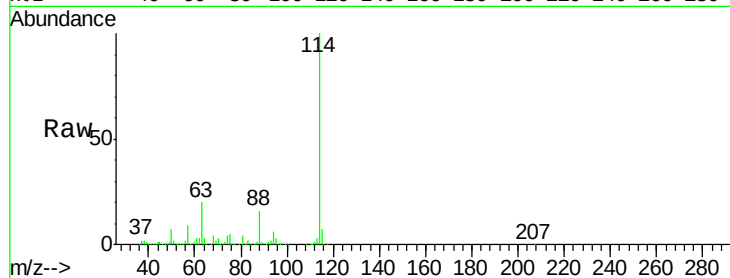
Tgt Ion:114 Resp: 2028040

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

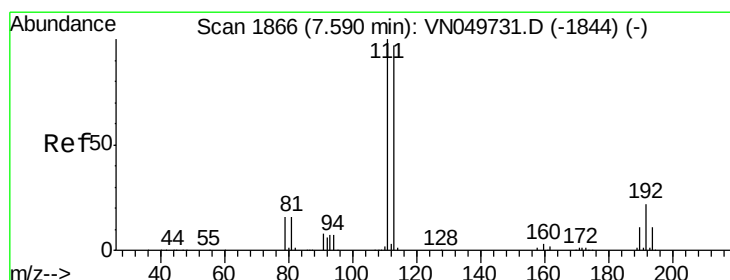
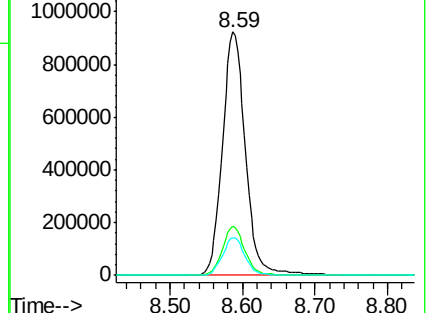
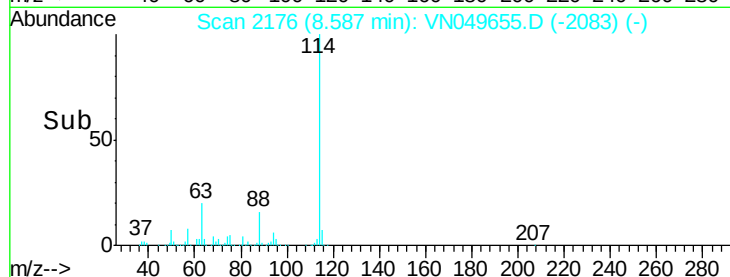
88 15.5 0.0 30.6



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: 48.945 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049655.D

Acq: 30 Jun 2018 18:44

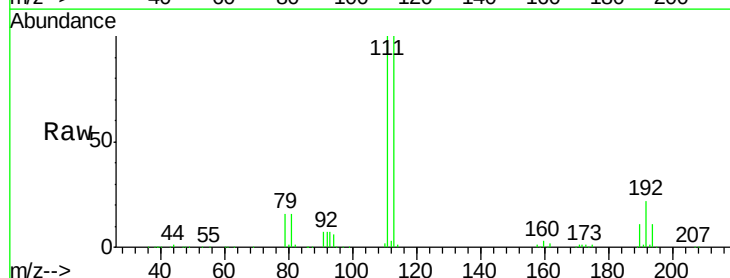
Tgt Ion:113 Resp: 742089

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 22.2 17.8 26.6



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

