

Data File : VN049658.D
Acq On : 30 Jun 2018 20:01
Operator : MD\SY
Sample : J3752-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Quant Time: Jul 07 05:05:42 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	1255874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1957525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1612940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	809992	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	717512	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	2662206	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.40	95	725695	37.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.22%	

Target Compounds

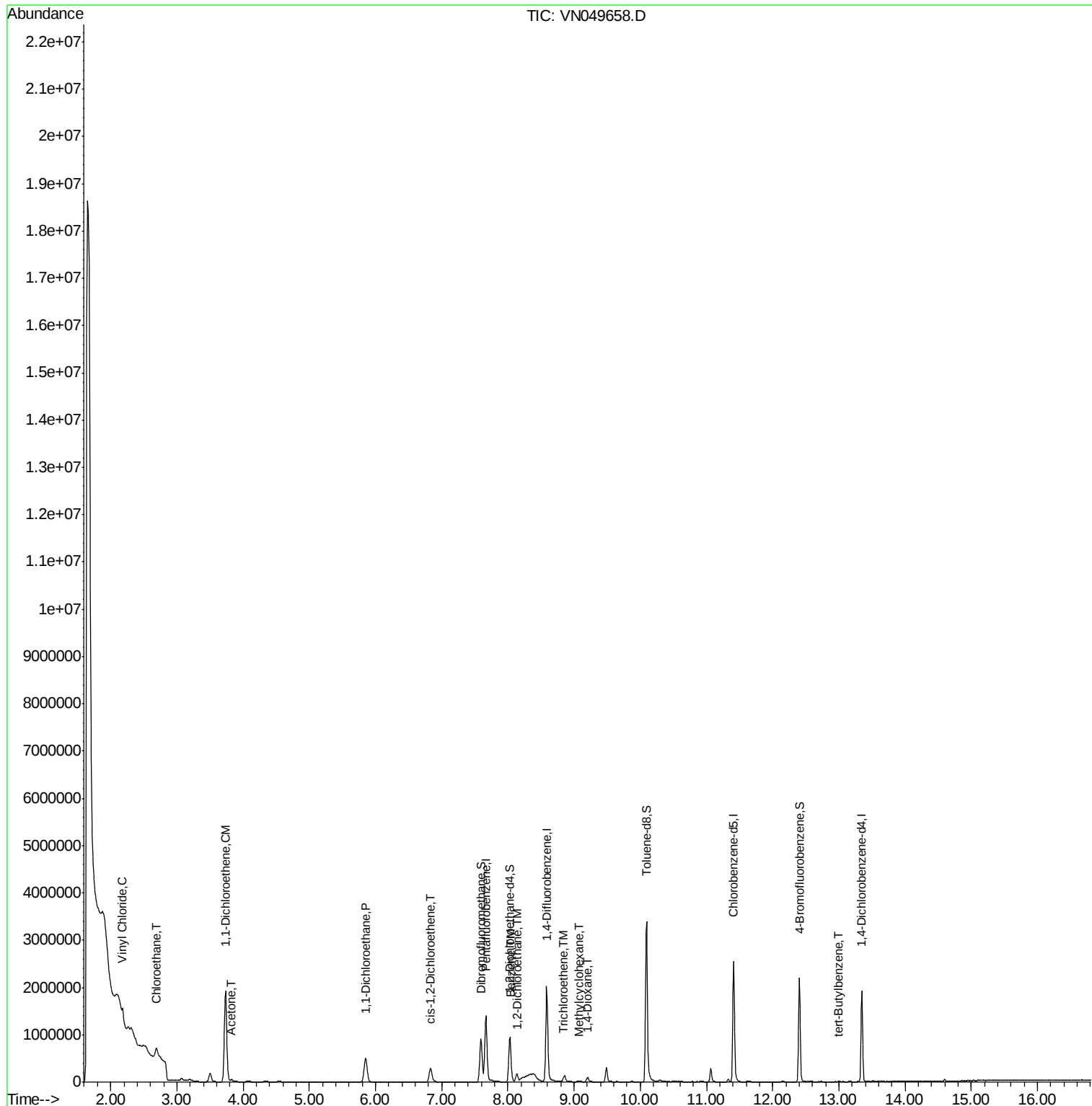
						Qvalue
4) Vinyl Chloride	2.18	62	183465	9.663	ug/l	98
6) Chloroethane	2.70	64	11783	0.981	ug/l	94
12) 1,1-Dichloroethene	3.73	96	1062840	72.054	ug/l	99
16) Acetone	3.82	43	54393	8.616	ug/l	100
24) 1,1-Dichloroethane	5.85	63	790411	27.370	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	200385	11.817	ug/l	89
39) Methylcyclohexane	9.08	83	5371	0.222	ug/l #	92
40) Benzene	8.05	78	34016	0.506	ug/l	99
42) 1,2-Dichloroethane	8.13	62	46037	2.145	ug/l	100
44) Trichloroethene	8.83	130	15238	0.751	ug/l	99
49) 1,4-Dioxane	9.20	88	77570	505.471	ug/l	94
83) tert-Butylbenzene	13.00	119	6511	0.210	ug/l	95

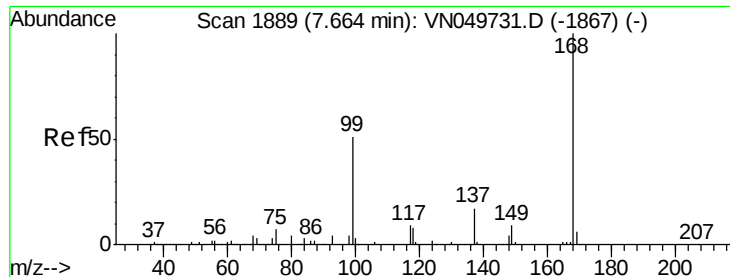
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN049658.D
Acq On : 30 Jun 2018 20:01
Operator : MD\SY
Sample : J3752-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Quant Time: Jul 07 05:05:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

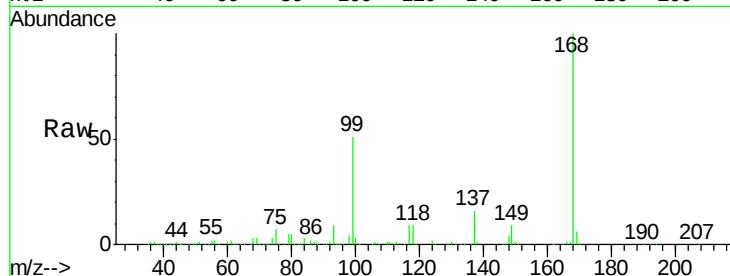
DUP-1

Tgt Ion:168 Resp: 1255874

Ion Ratio Lower Upper

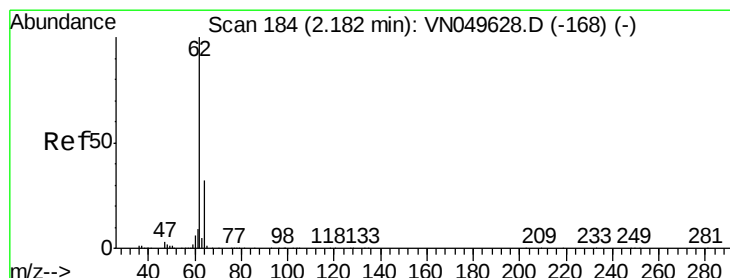
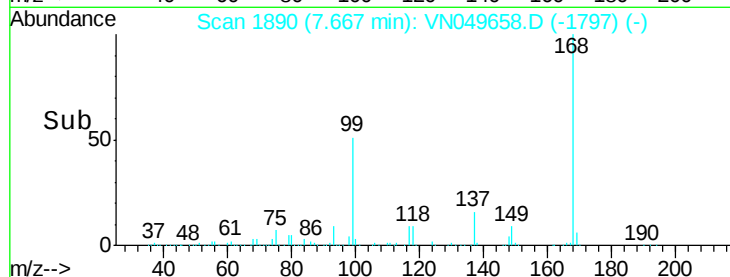
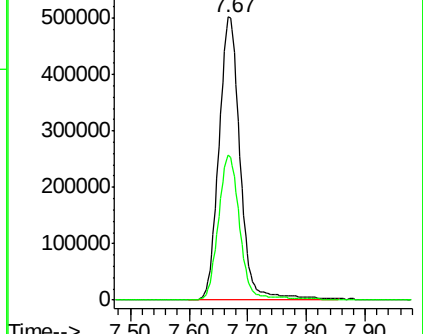
168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 9.663 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049658.D

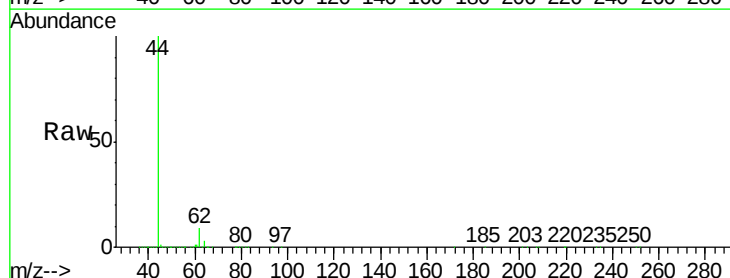
Acq: 30 Jun 2018 20:01

Tgt Ion: 62 Resp: 183465

Ion Ratio Lower Upper

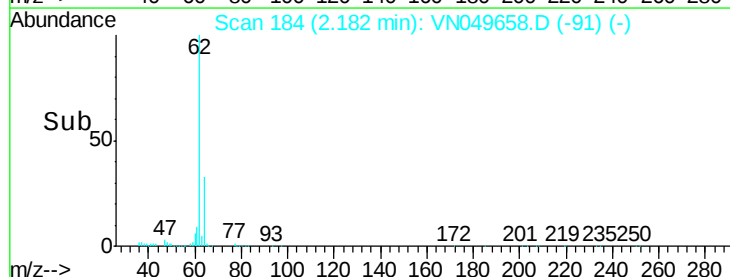
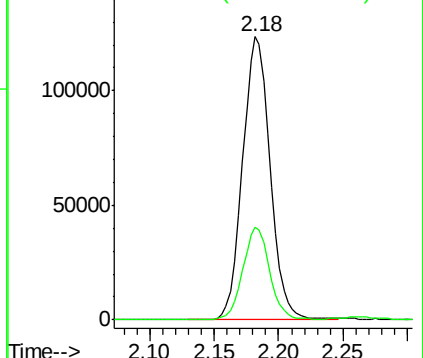
62 100

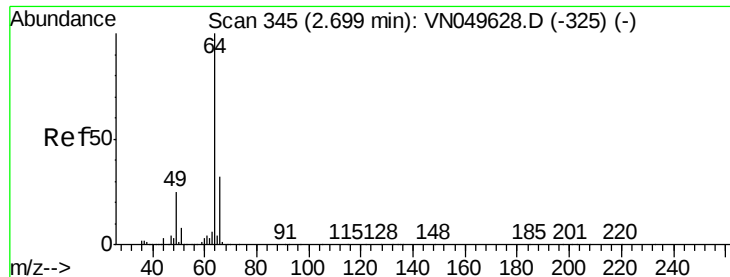
64 32.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.981 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampled :

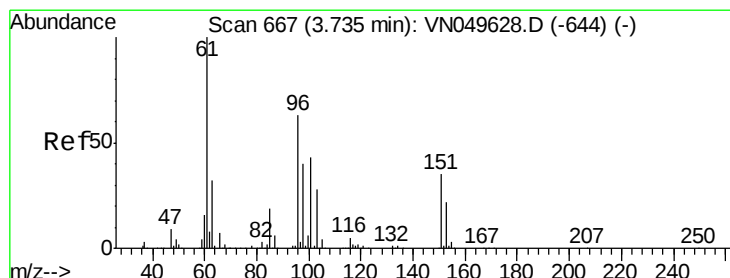
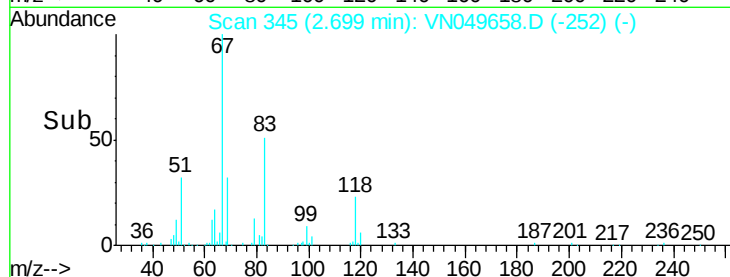
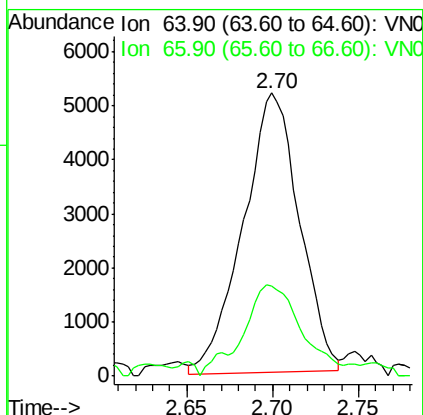
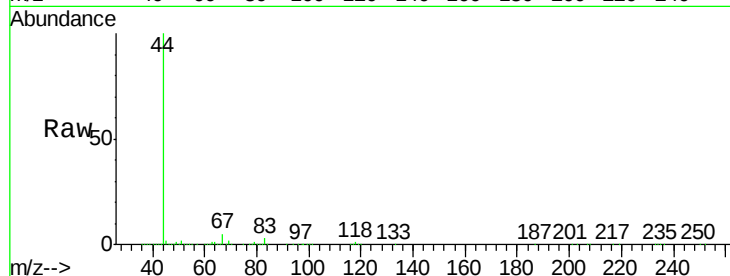
DUP-1

Tgt Ion: 64 Resp: 11783

Ion Ratio Lower Upper

64 100

66 28.6 25.6 38.4



#12

1,1-Dichloroethene

Concen: 72.054 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

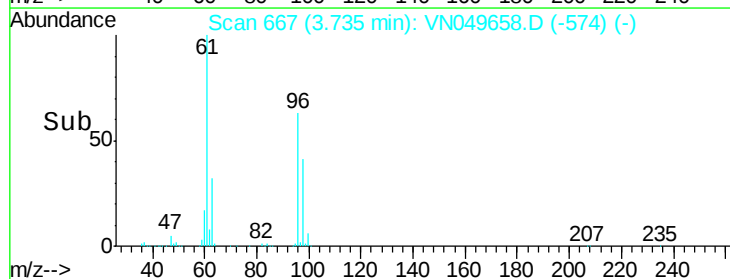
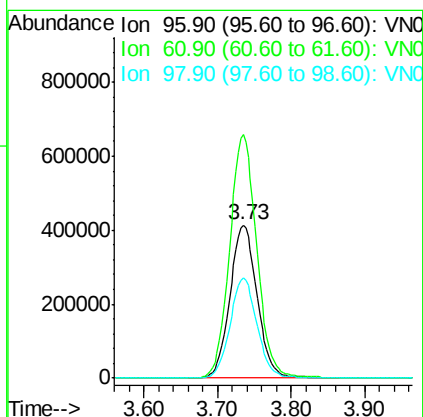
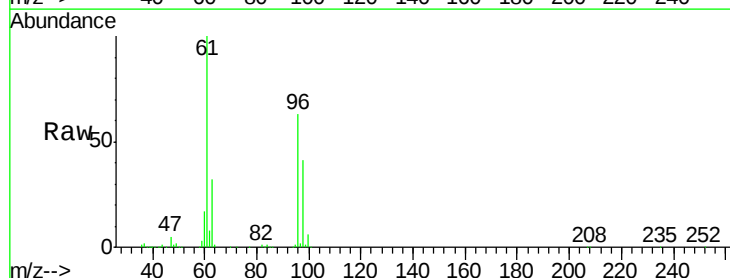
Tgt Ion: 96 Resp: 1062840

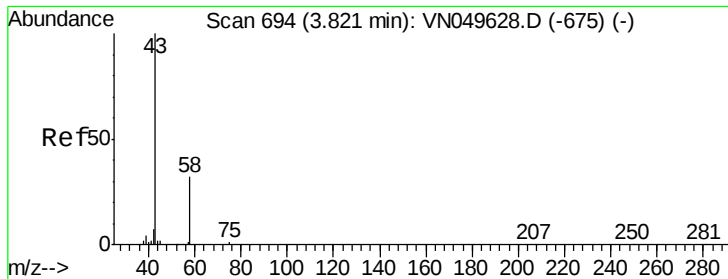
Ion Ratio Lower Upper

96 100

61 159.4 126.5 189.7

98 65.2 51.0 76.6

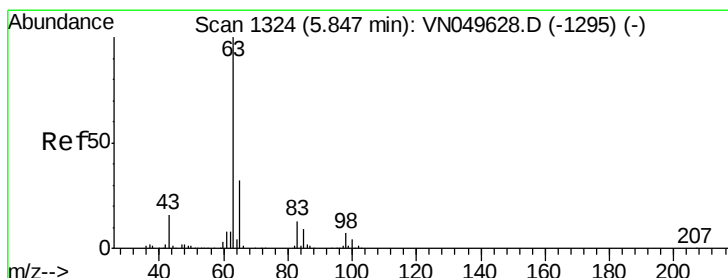
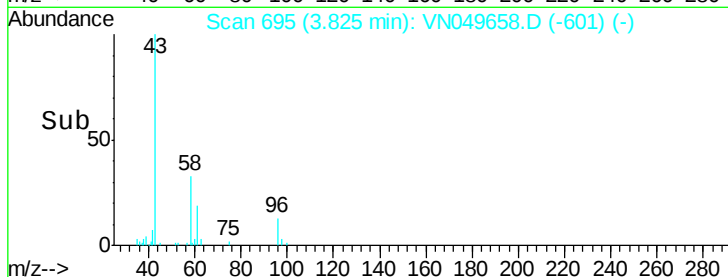
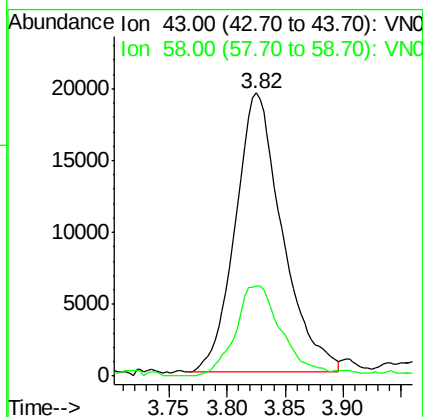
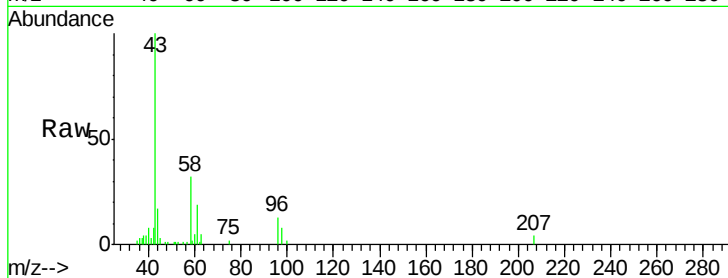




#16
Acetone
Concen: 8.616 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

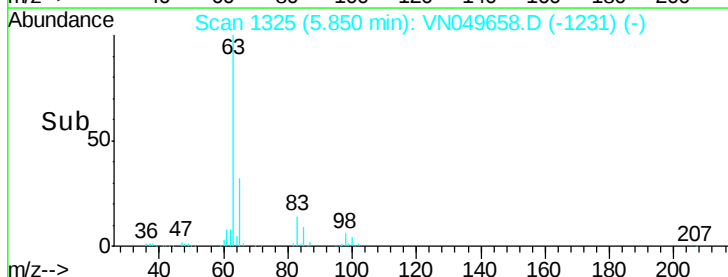
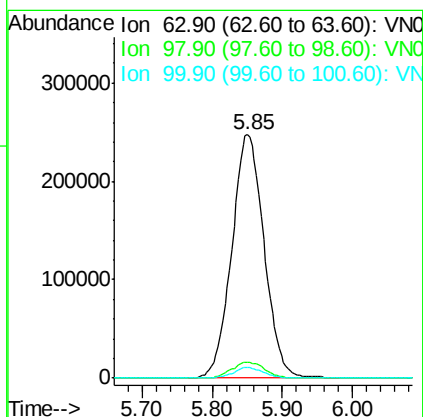
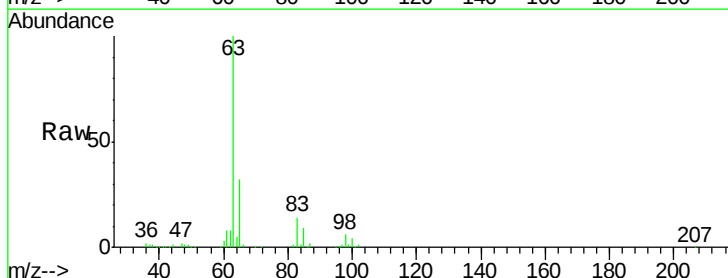
Instrument :
MSVOA_N
ClientSampled :
DUP-1

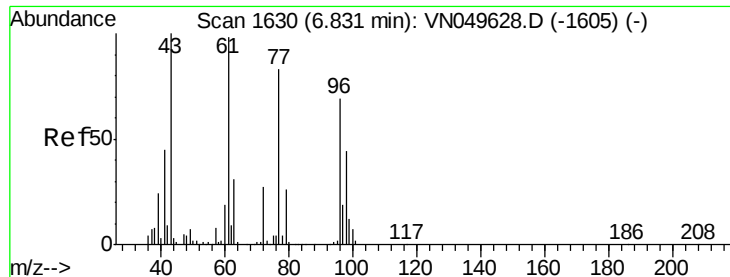
Tgt Ion: 43 Resp: 54393
Ion Ratio Lower Upper
43 100
58 32.5 25.9 38.9



#24
1,1-Dichloroethane
Concen: 27.370 ug/l
RT: 5.85 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion: 63 Resp: 790411
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.2
100 4.3 2.2 6.6

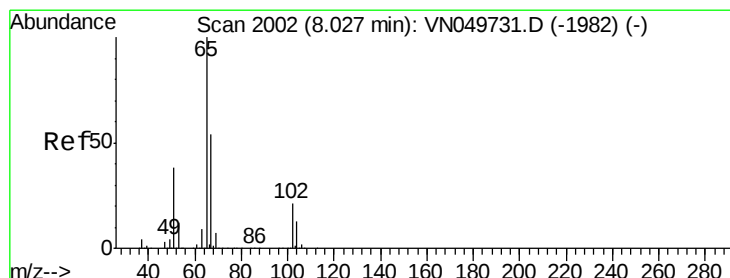
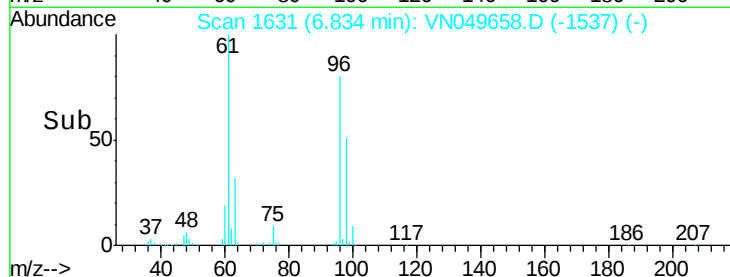
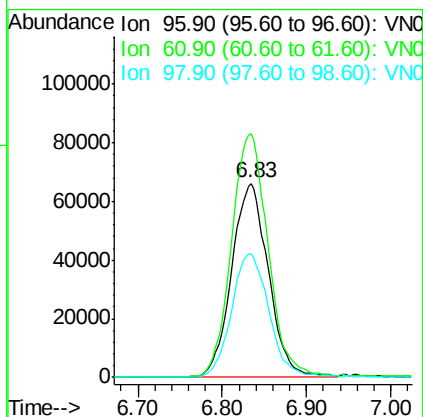
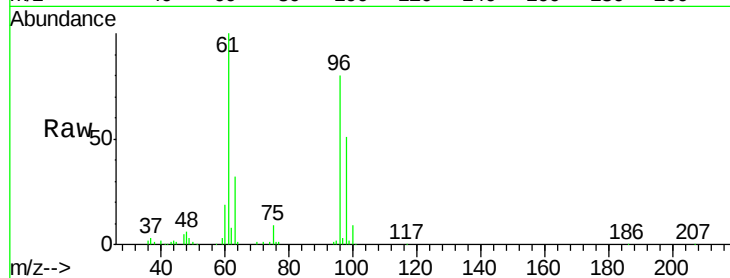




#27
 cis-1,2-Dichloroethene
 Concen: 11.817 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049658.D
 Acq: 30 Jun 2018 20:01

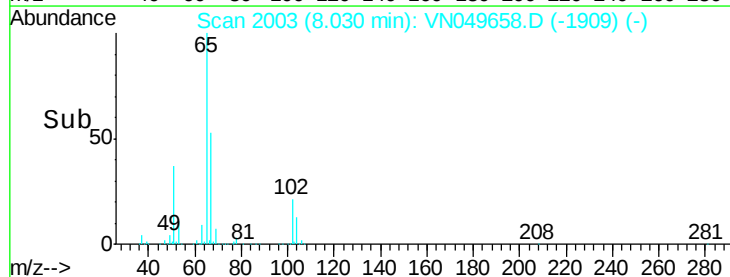
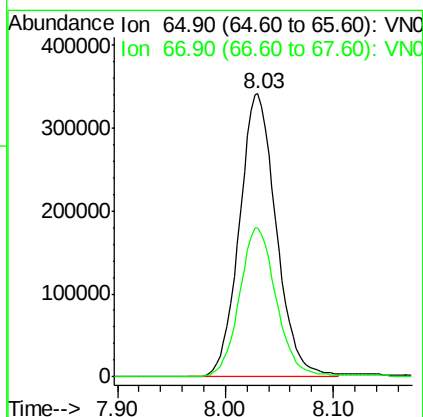
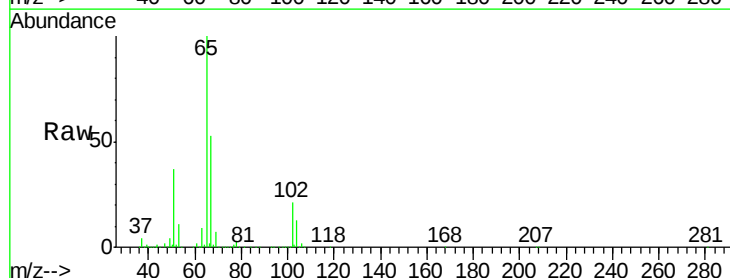
Instrument :
 MSVOA_N
 ClientSampled :
 DUP-1

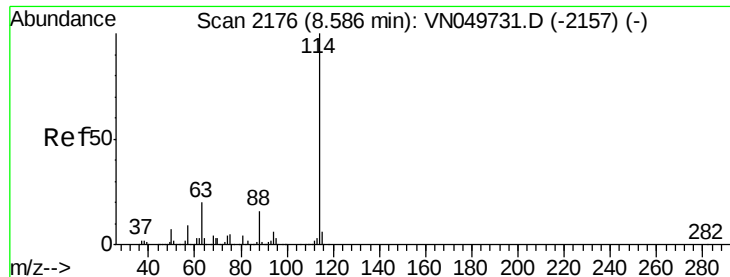
Tgt Ion: 96 Resp: 200385
 Ion Ratio Lower Upper
 96 100
 61 125.6 0.0 289.0
 98 64.4 0.0 130.2



#33
 1,2-Dichloroethane-d4
 Concen: 48.839 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049658.D
 Acq: 30 Jun 2018 20:01

Tgt Ion: 65 Resp: 809992
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.2

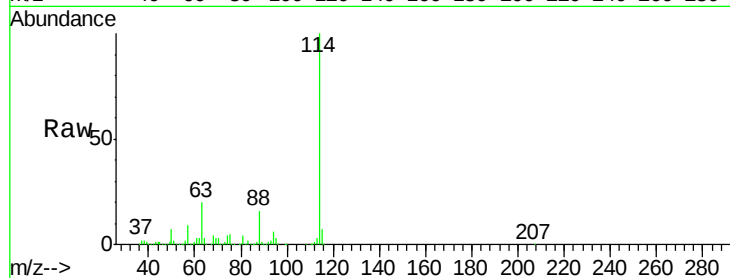




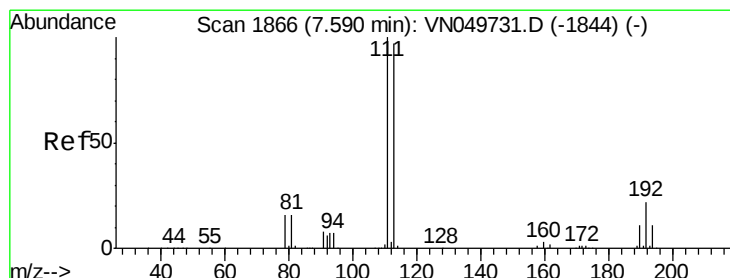
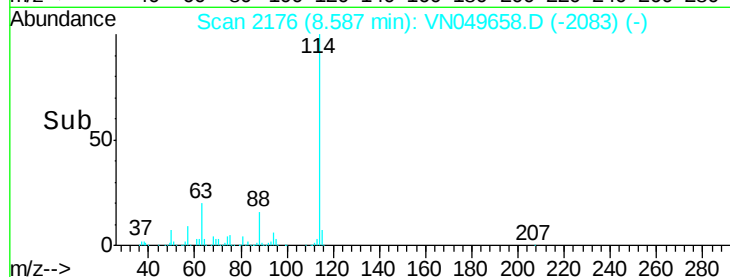
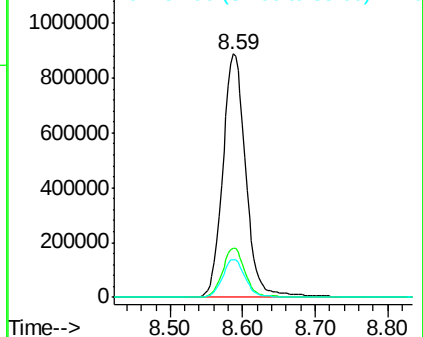
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion:114 Resp: 1957525
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.8
88 15.6 0.0 30.6

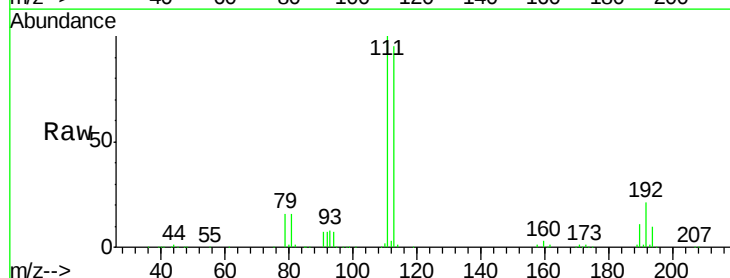


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

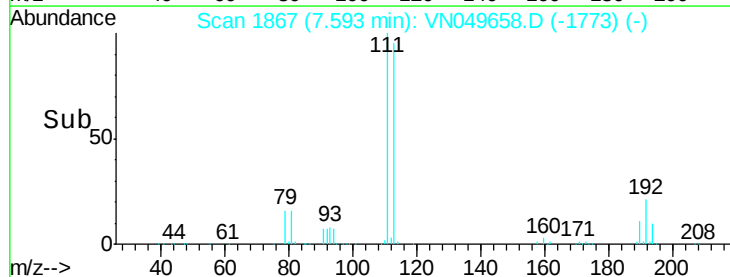
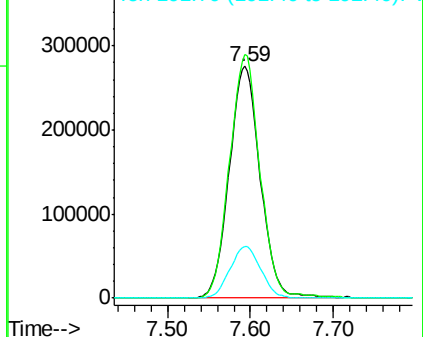


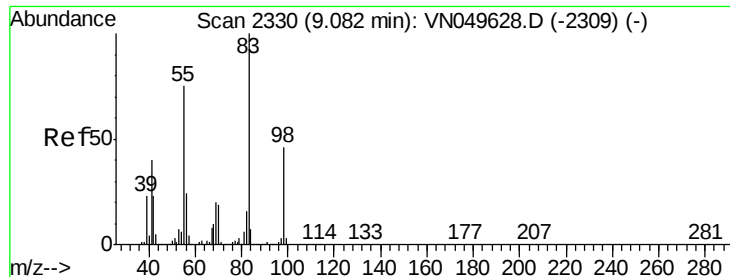
#35
Dibromofluoromethane
Concen: 49.029 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion:113 Resp: 717512
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 22.1 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

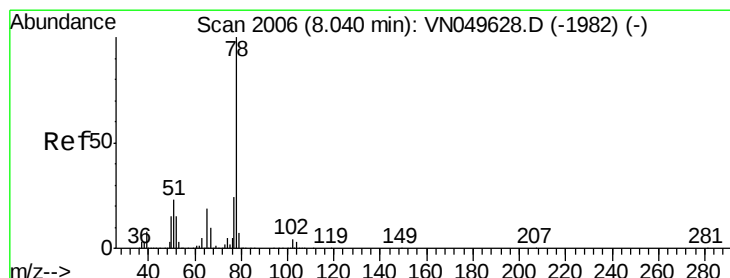
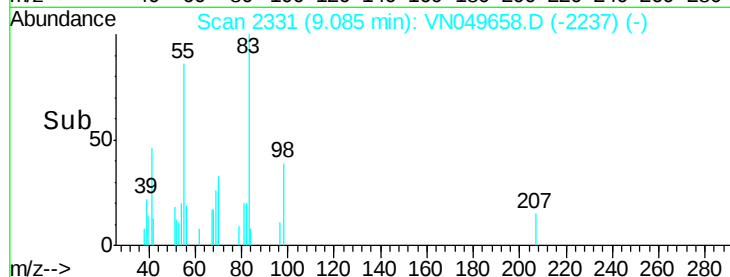
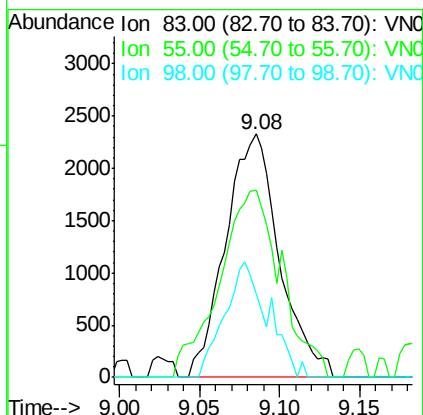
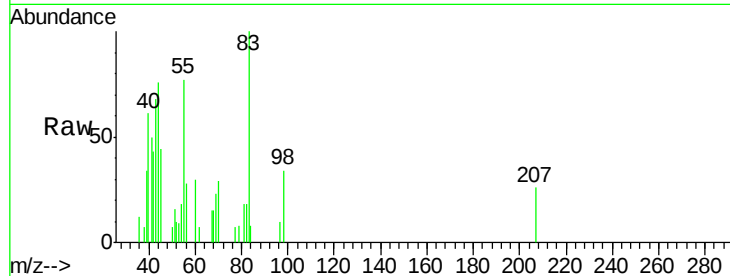




#39
Methylcyclohexane
Concen: 0.222 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

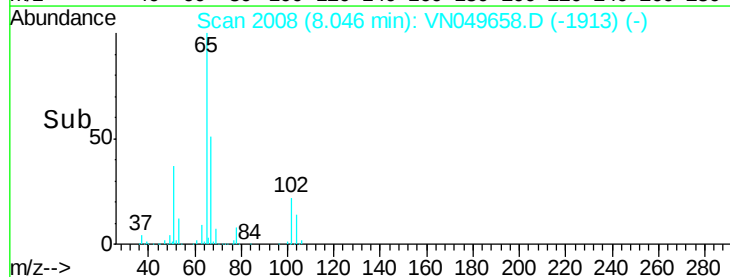
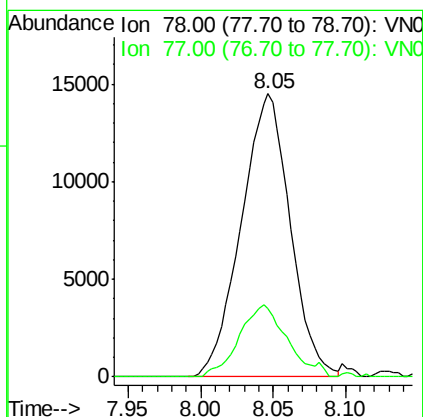
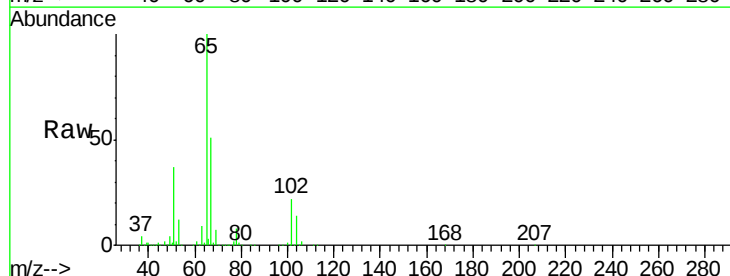
Instrument :
MSVOA_N
ClientSampled :
DUP-1

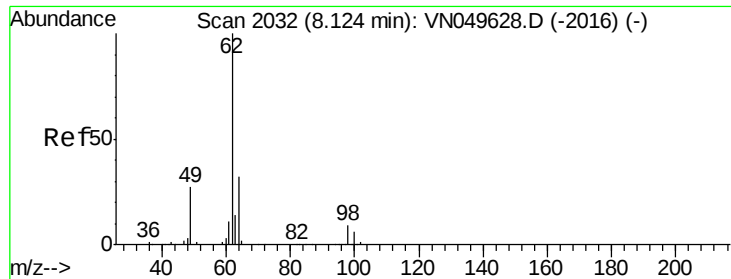
Tgt Ion: 83 Resp: 5371
Ion Ratio Lower Upper
83 100
55 76.8 59.7 89.5
98 34.5 36.5 54.7#



#40
Benzene
Concen: 0.506 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion: 78 Resp: 34016
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#42

1,2-Dichloroethane

Concen: 2.145 ug/l

RT: 8.13 min Scan# 2034

Delta R.T. 0.01 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

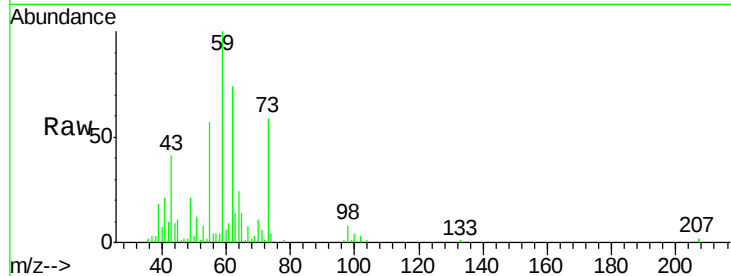
DUP-1

Tgt Ion: 62 Resp: 46037

Ion Ratio Lower Upper

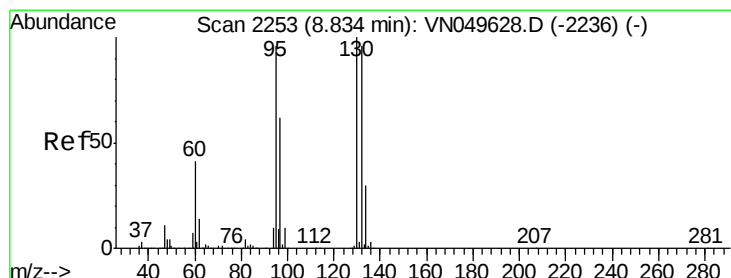
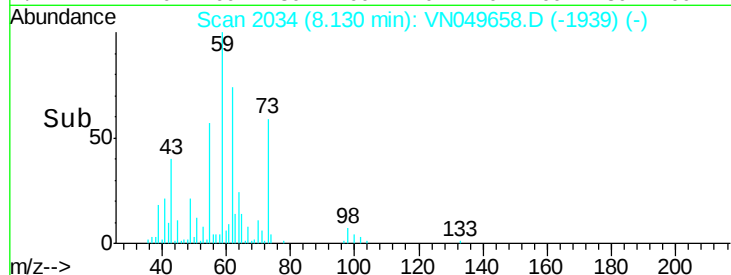
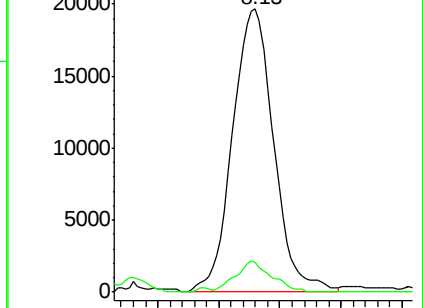
62 100

98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN049628.D (-2016) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-2016) (-)



#44

Trichloroethene

Concen: 0.751 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN049658.D

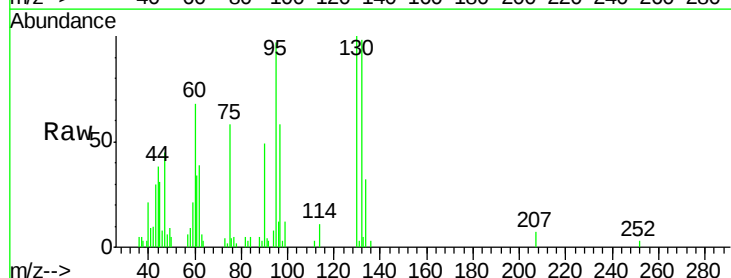
Acq: 30 Jun 2018 20:01

Tgt Ion: 130 Resp: 15238

Ion Ratio Lower Upper

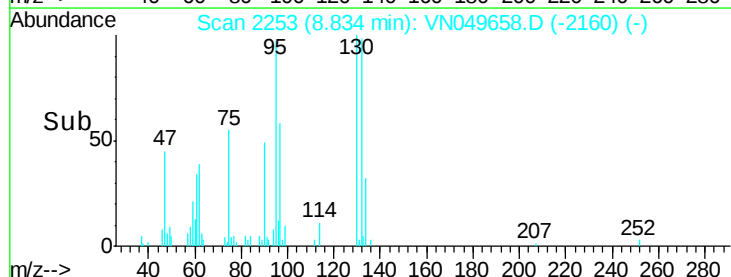
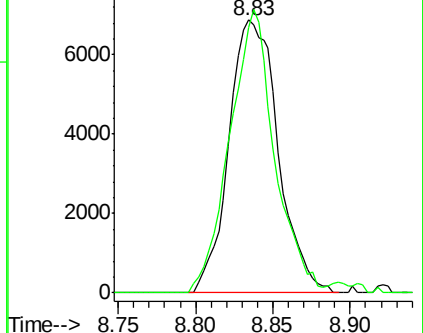
130 100

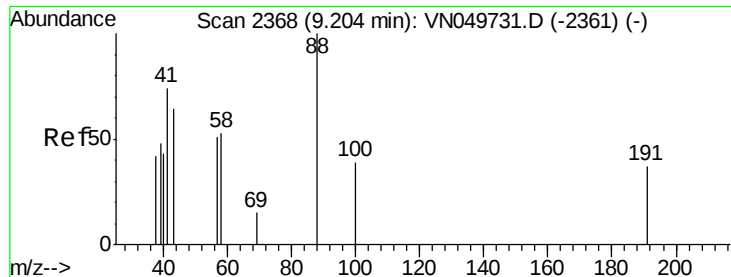
95 97.3 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049628.D (-2236) (-)

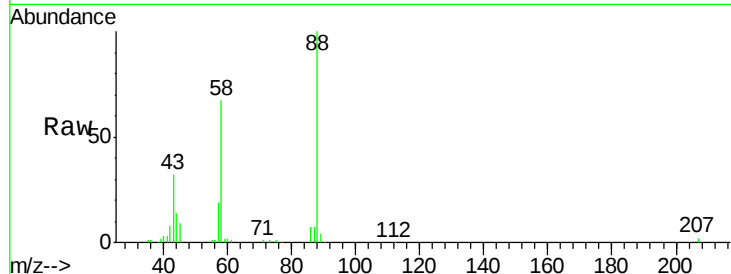




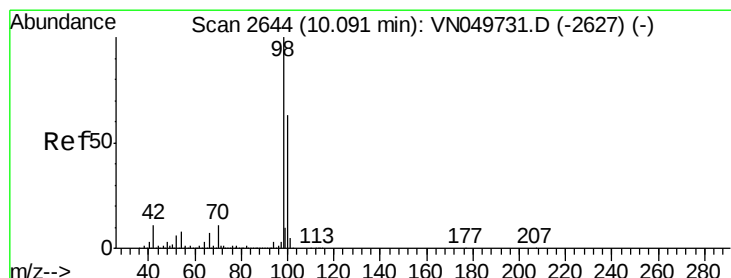
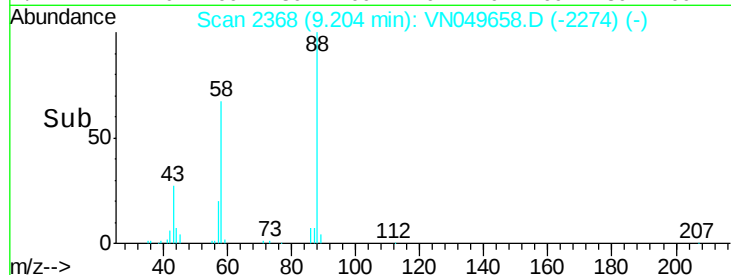
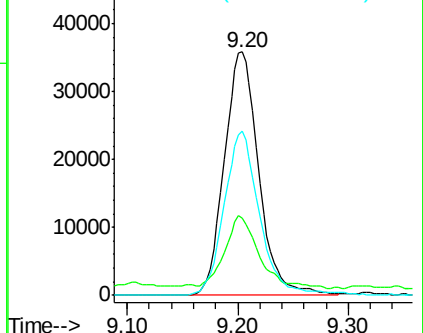
#49
1,4-Dioxane
Concen: 505.471 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion: 88 Resp: 77570
Ion Ratio Lower Upper
88 100
43 26.6 25.1 37.7
58 69.0 52.5 78.7

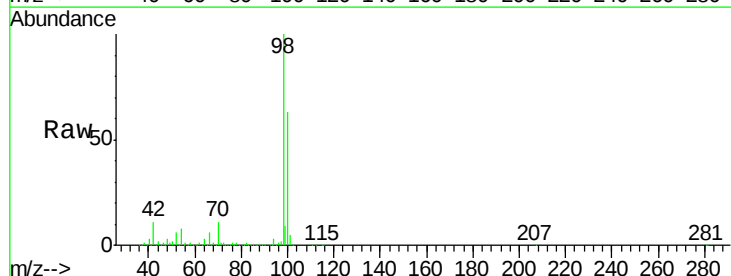


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

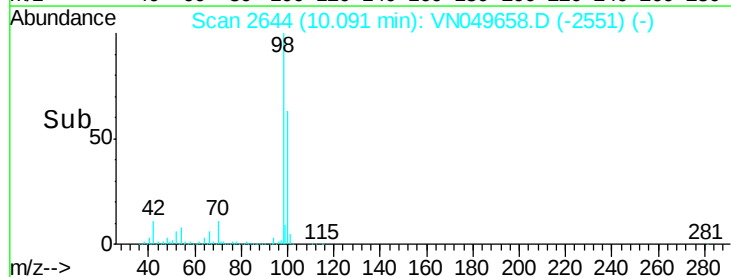
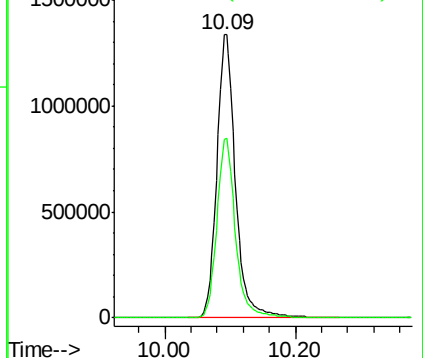


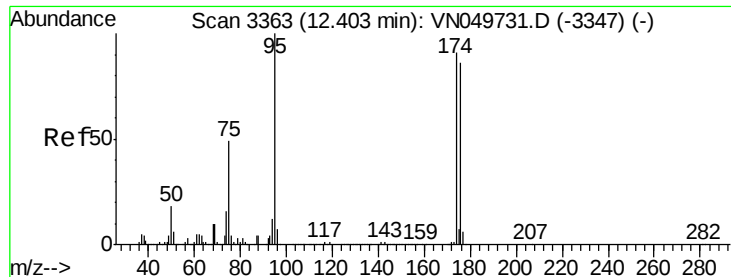
#50
Toluene-d8
Concen: 46.475 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion: 98 Resp: 2662206
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.106 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

DUP-1

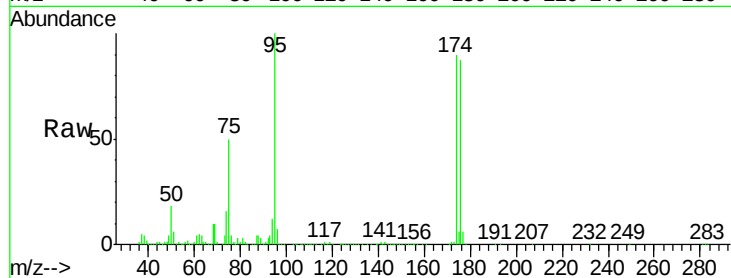
Tgt Ion: 95 Resp: 725695

Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.6

176 86.4 0.0 174.0

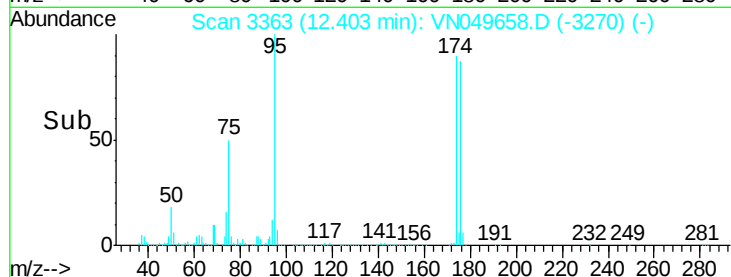


Abundance Ion 94.90 (94.60 to 95.60): VN049731.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049731.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049731.D (-3347) (-)

Time-->

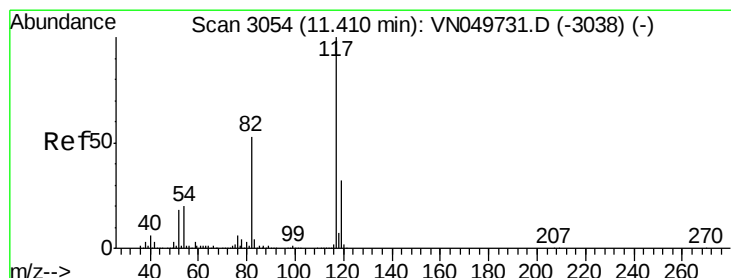


Abundance Ion 94.90 (94.60 to 95.60): VN049658.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049658.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049658.D (-3270) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

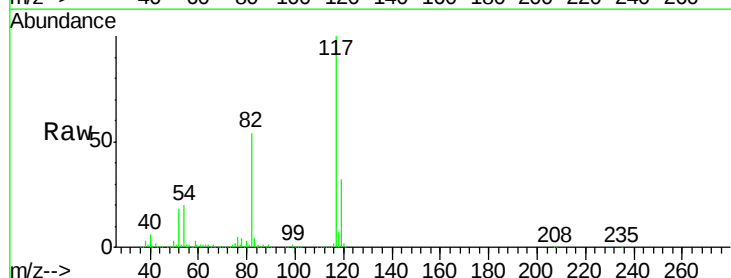
Tgt Ion: 117 Resp: 1612940

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

119 32.3 25.4 38.2

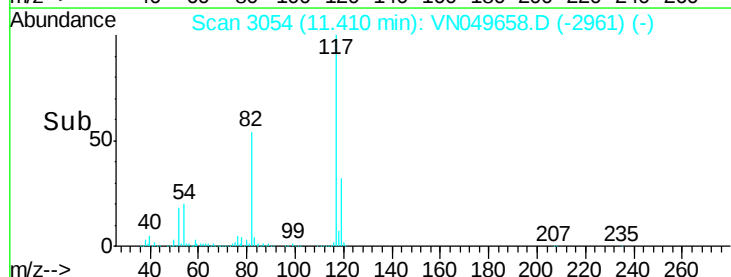


Abundance Ion 116.90 (116.60 to 117.60): VN049731.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049731.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049731.D (-3038) (-)

Time-->

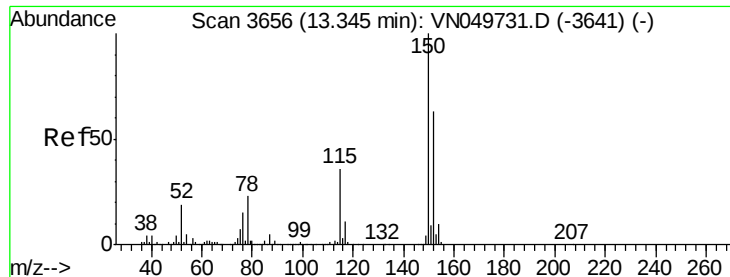


Abundance Ion 116.90 (116.60 to 117.60): VN049658.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049658.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049658.D (-2961) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

DUP-1

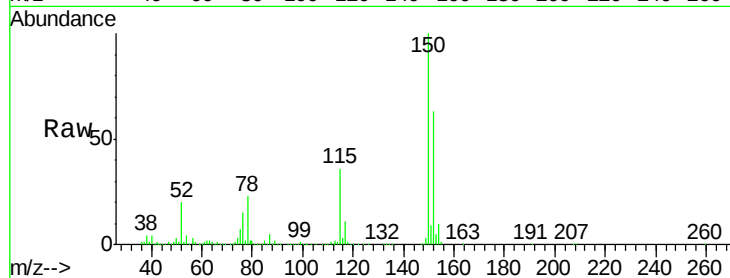
Tgt Ion:152 Resp: 544605

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

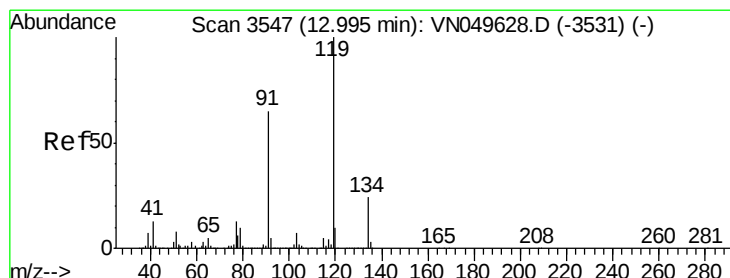
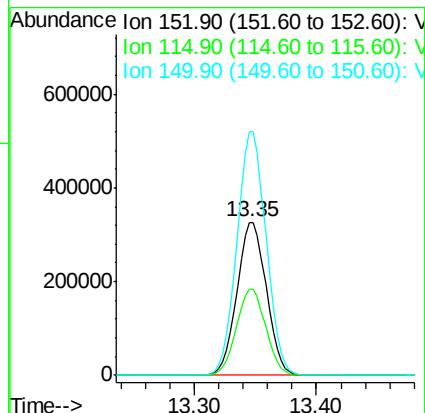
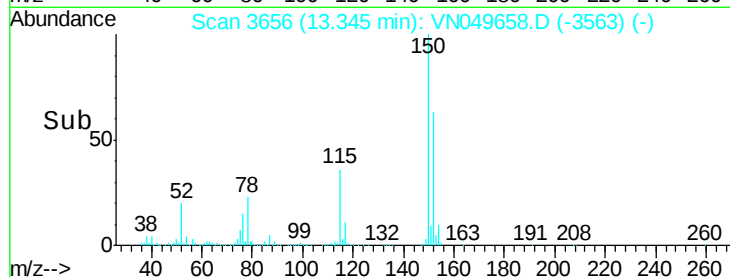
150 158.0 0.0 347.6



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



#83

tert-Butylbenzene

Concen: 0.210 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

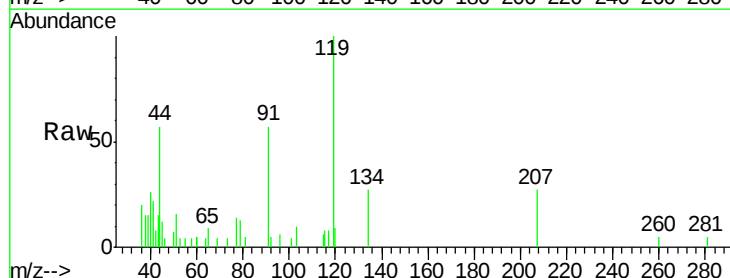
Tgt Ion:119 Resp: 6511

Ion Ratio Lower Upper

119 100

91 68.0 32.0 96.2

134 27.4 12.8 38.4



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

