

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049639.D
 Acq On : 29 Jun 2018 18:41
 Operator : MD\SY
 Sample : J3612-03RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-3(5-5.5)RE

Quant Time: Jun 30 01:54:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1169896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1874526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1577619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	557981	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	762304	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	7.60	113	23732	1.69	ug/l	0.00
Spiked Amount			Recovery	=	3.38%	
50) Toluene-d8	10.09	98	2547118	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
62) 4-Bromofluorobenzene	12.40	95	717077	38.29	ug/l	0.00
Spiked Amount			Recovery	=	76.58%	

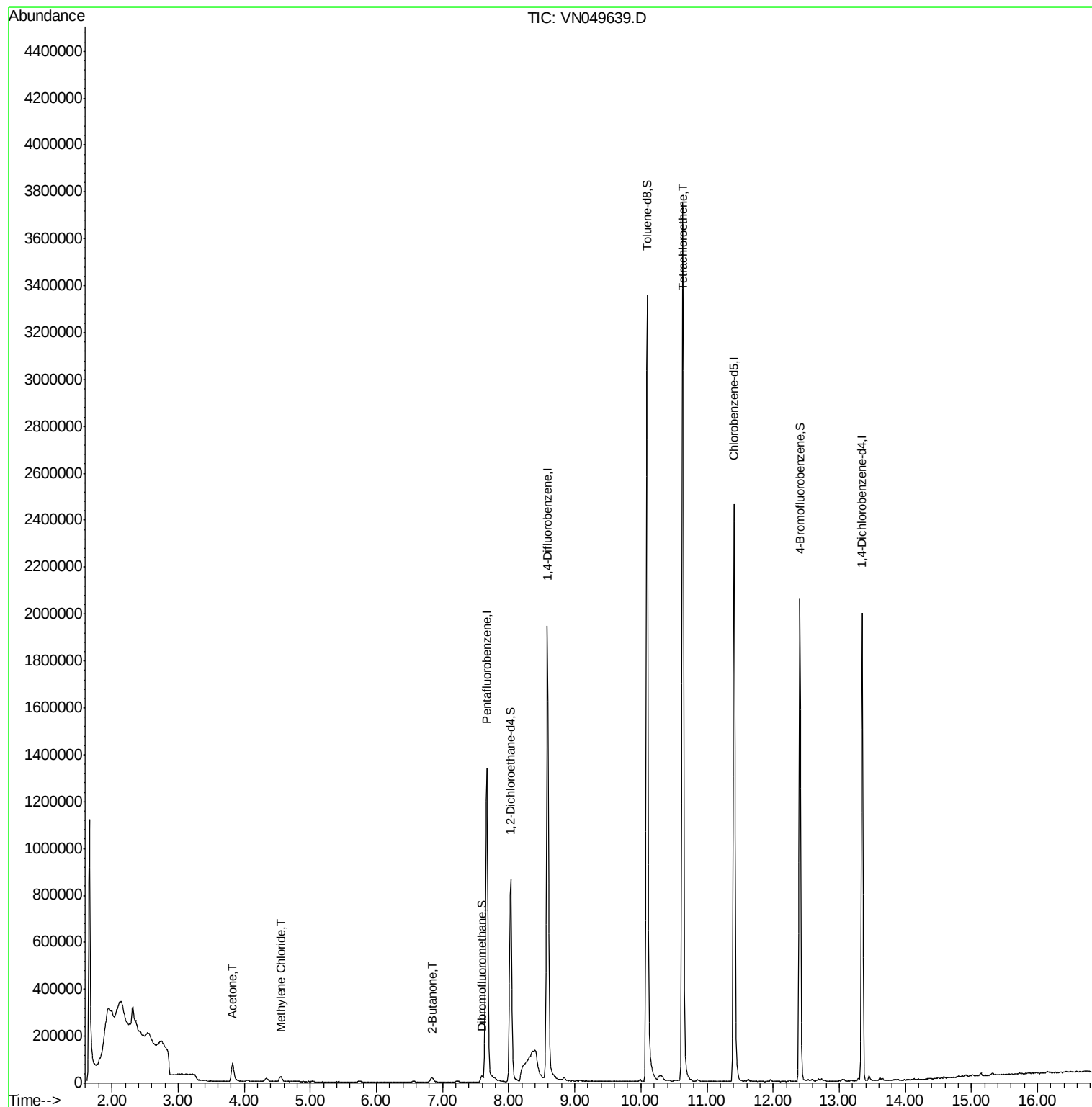
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	141712	41.67	ug/l #	89
20) Methylene Chloride	4.55	84	17121	1.08	ug/l #	82
25) 2-Butanone	6.85	43	14771	2.88	ug/l	97
64) Tetrachloroethene	10.63	164	972106	45.51	ug/l	97

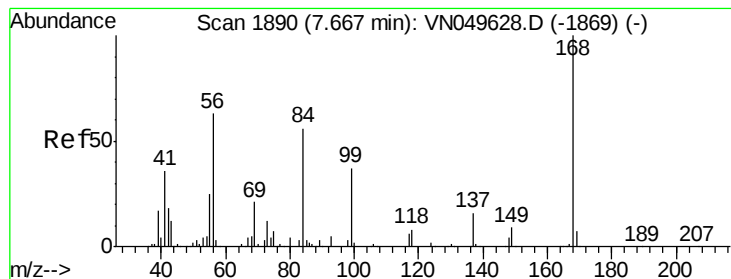
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062918\
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Quant Title : SW846 8260
QLast Update : Fri Jun 29 15:11:52 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049639.D

Acq: 29 Jun 2018 18:41

Instrument :

MSVOA_N

ClientSampleId :

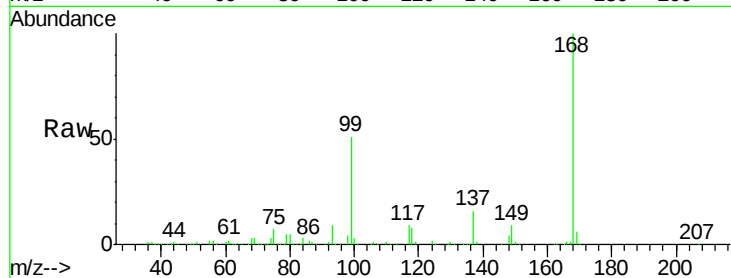
S-3(5-5.5)RE

Tot Ion:168 Resp: 1169896

Ion Ratio Lower Upper

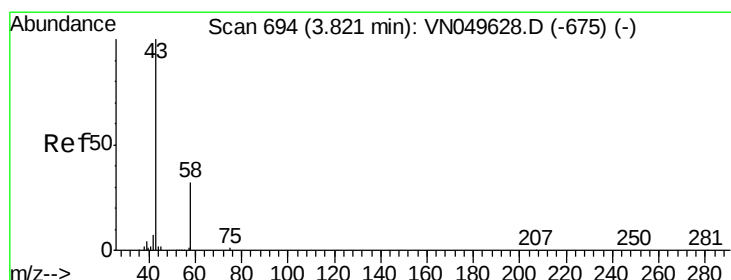
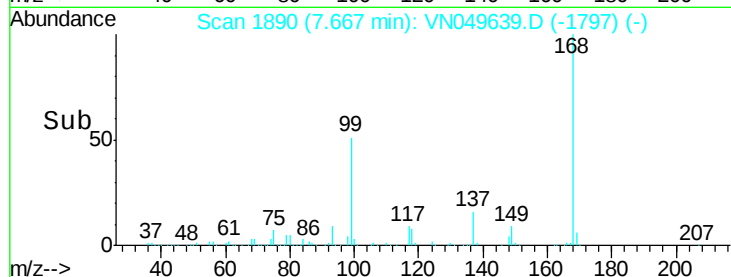
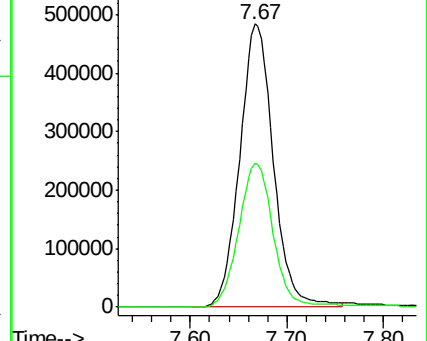
168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 41.67 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049639.D

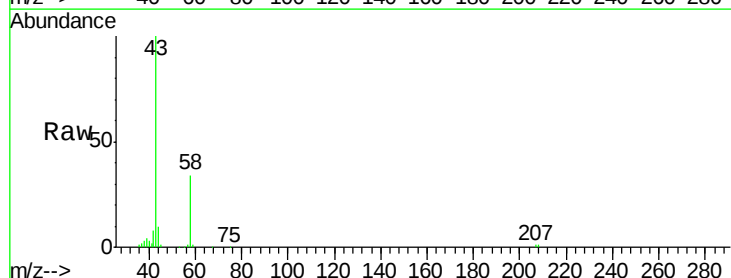
Acq: 29 Jun 2018 18:41

Tgt Ion: 43 Resp: 141712

Ion Ratio Lower Upper

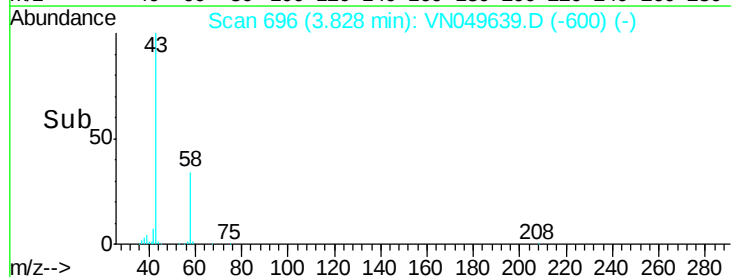
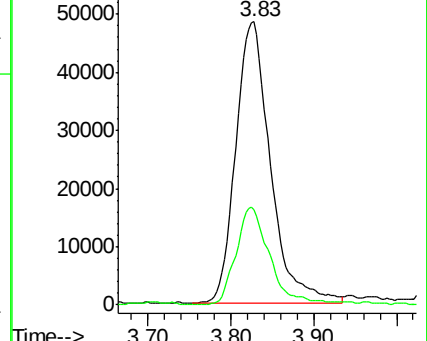
43 100

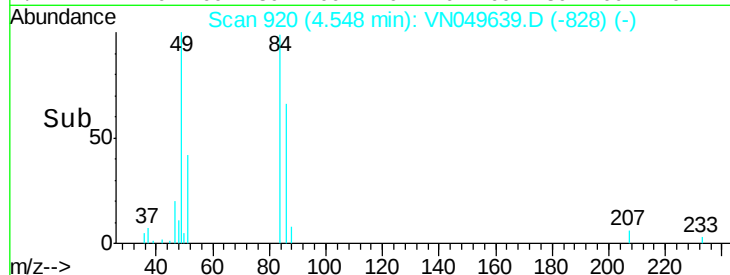
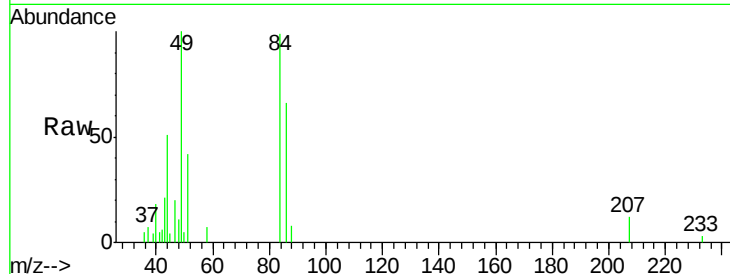
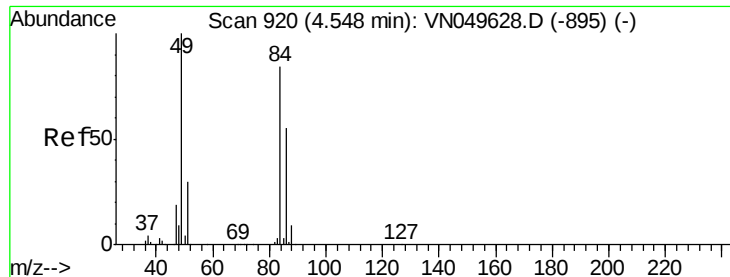
58 33.9 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

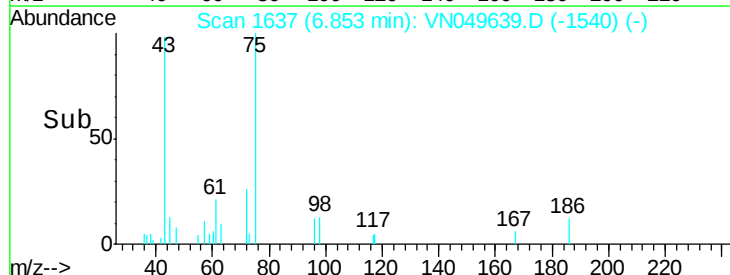
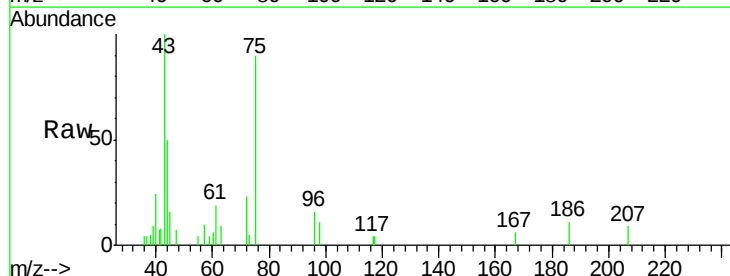
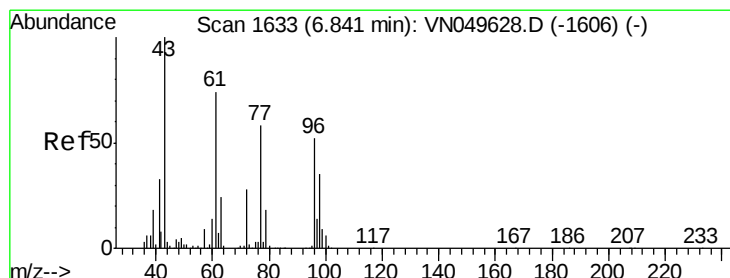
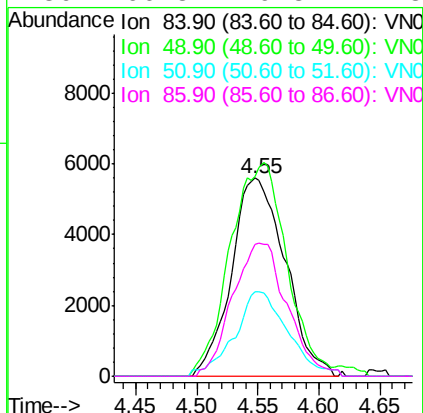




#20
Methvlene Chloride
Concen: 1.08 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049639.D
Acq: 29 Jun 2018 18:41

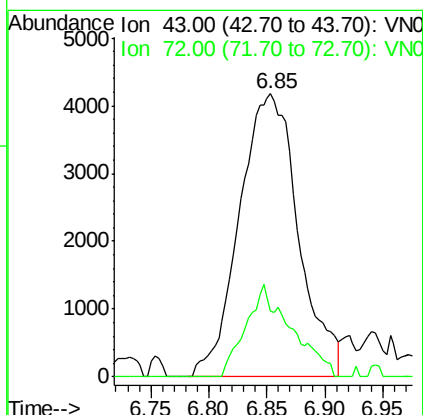
Instrument :
MSVOA_N
ClientSampleId :
S-3(5-5.5)RE

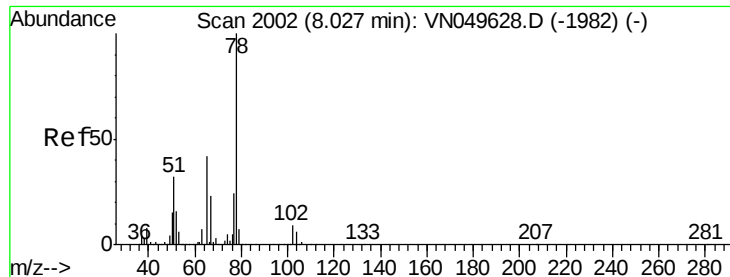
Tot Ion: 84 Resp: 17121
Ion Ratio Lower Upper
84 100
49 100.8 106.9 160.3#
51 42.7 32.7 49.1
86 66.8 49.8 74.8



#25
2-Butanone
Concen: 2.88 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049639.D
Acq: 29 Jun 2018 18:41

Tgt Ion: 43 Resp: 14771
Ion Ratio Lower Upper
43 100
72 23.4 20.2 30.2





#33

1,2-Dichloroethane-d4

Concen: 49.34 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049639.D

Acq: 29 Jun 2018 18:41

Instrument :

MSVOA_N

ClientSampleId :

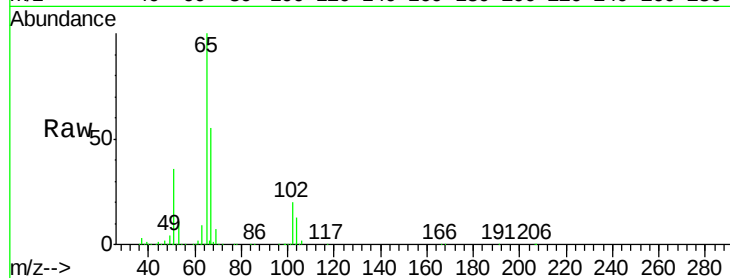
S-3(5-5.5)RE

Tot Ion: 65 Resp: 762304

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)

8.03

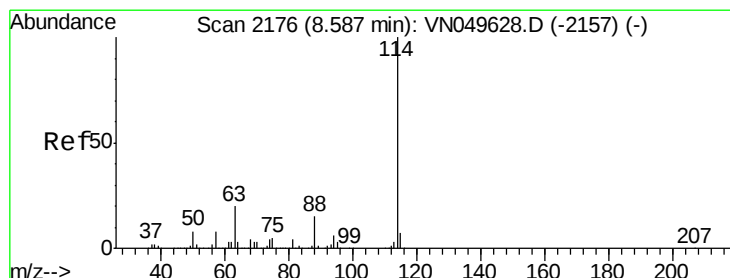
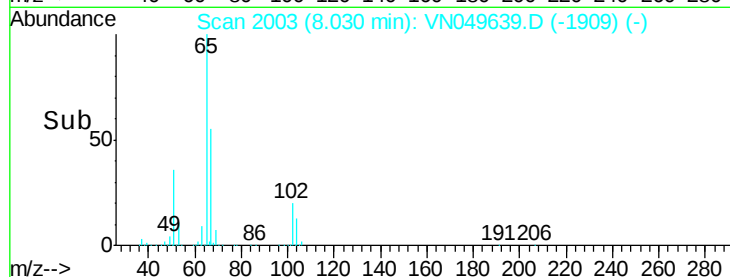
300000

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: VN049639.D

Acq: 29 Jun 2018 18:41

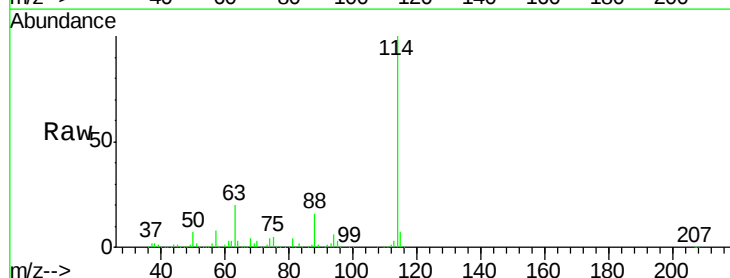
Tgt Ion: 114 Resp: 1874526

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049628.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN049628.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN049628.D (-2157) (-)

8.59

1000000

800000

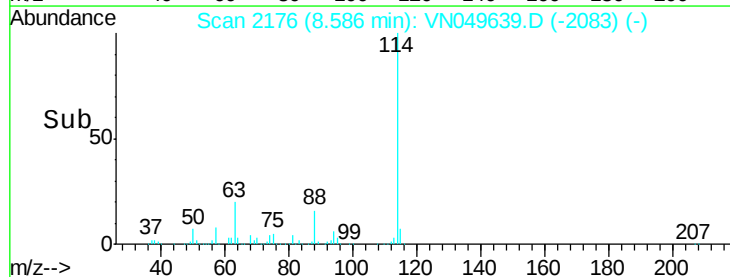
600000

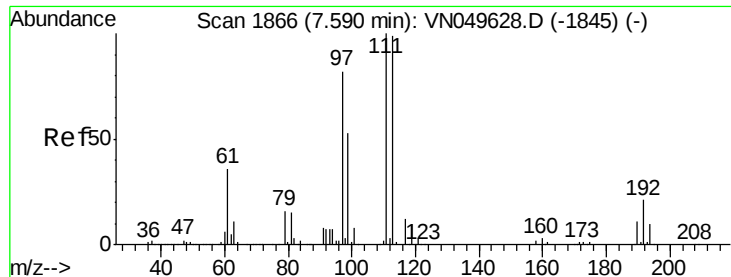
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

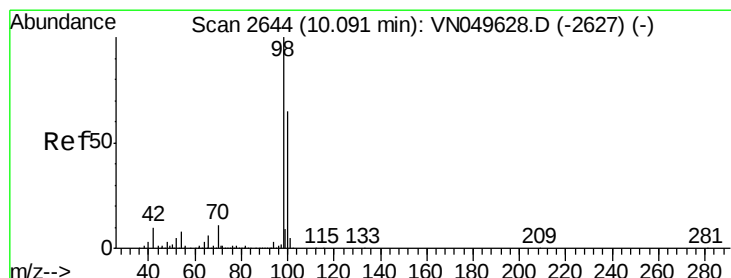
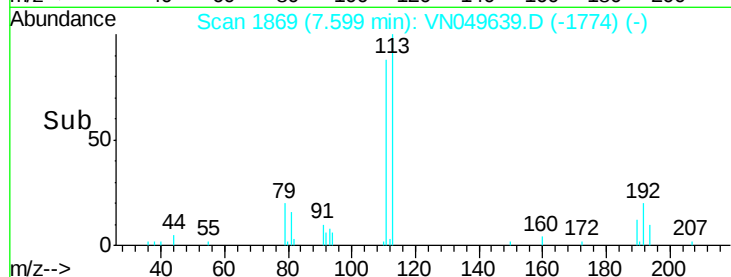
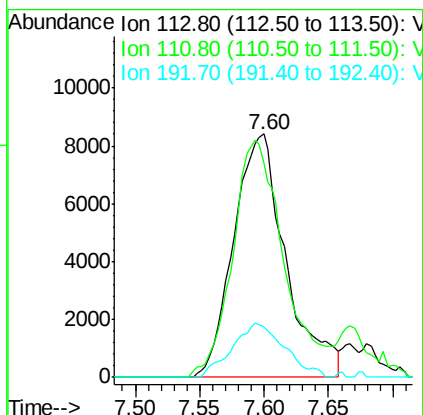
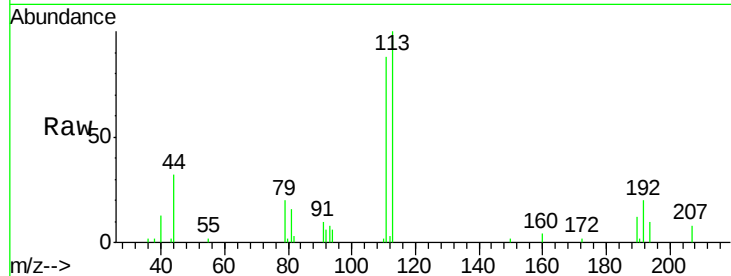




#35
Dibromofluoromethane
Concen: 1.69 ug/l
RT: 7.60 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VN049639.D
Acq: 29 Jun 2018 18:41

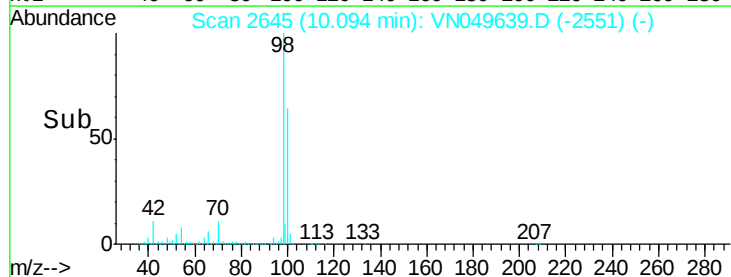
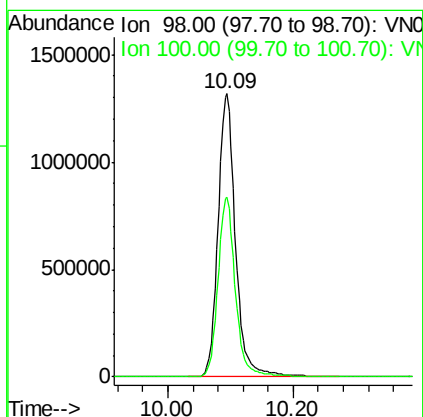
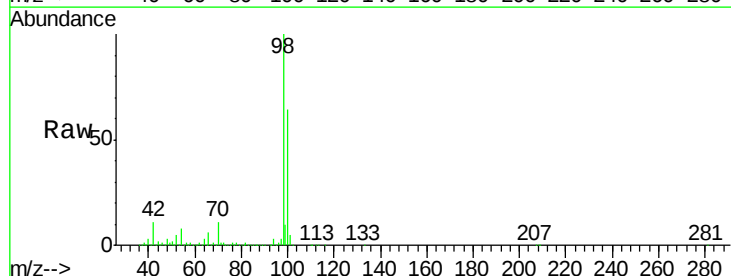
Instrument :
MSVOA_N
ClientSampled :
S-3(5-5.5)RE

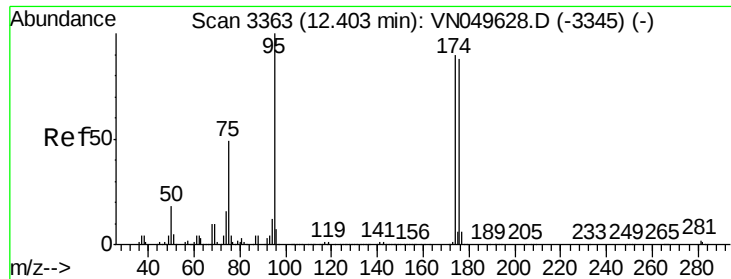
Tot Ion:113 Resp: 23732
Ion Ratio Lower Upper
113 100
111 95.5 82.4 123.6
192 22.3 15.0 22.6



#50
Toluene-d8
Concen: 46.43 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049639.D
Acq: 29 Jun 2018 18:41

Tgt Ion: 98 Resp: 2547118
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 38.29 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049639.D

Acq: 29 Jun 2018 18:41

Instrument :

MSVOA_N

ClientSampled :

S-3(5-5.5)RE

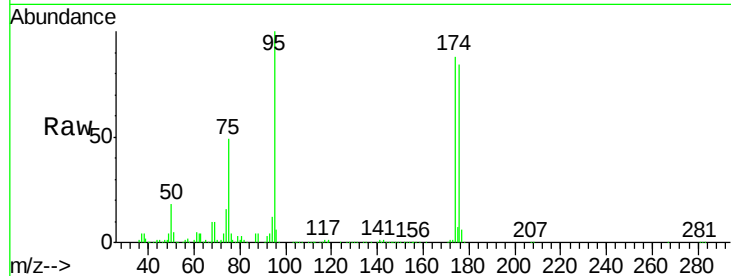
Tot Ion: 95 Resp: 717077

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

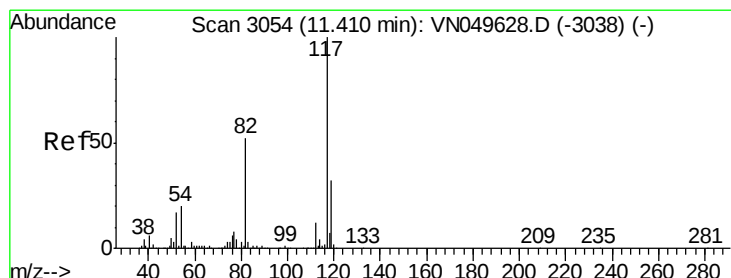
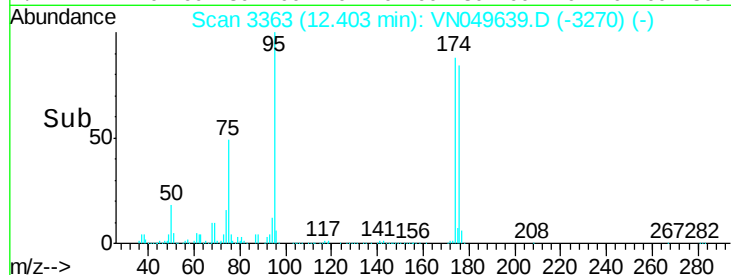
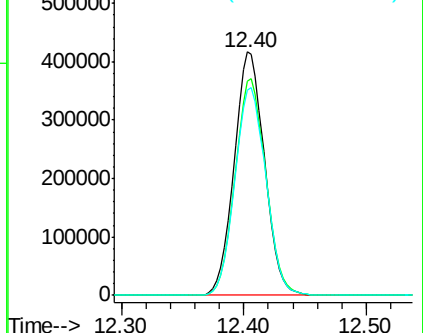
176 87.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049639.D

Acq: 29 Jun 2018 18:41

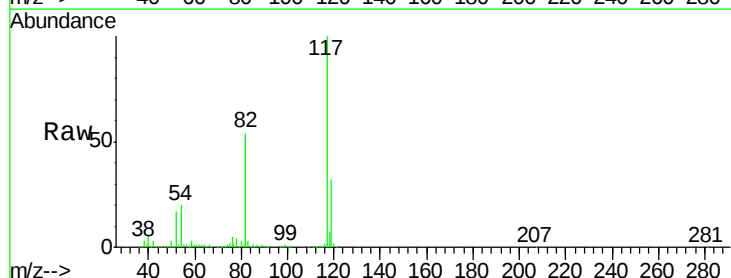
Tgt Ion: 117 Resp: 1577619

Ion Ratio Lower Upper

117 100

82 53.8 45.9 68.9

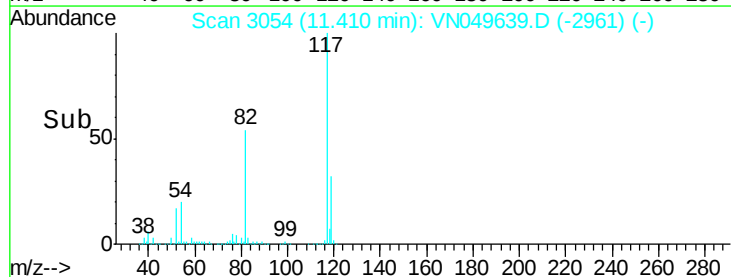
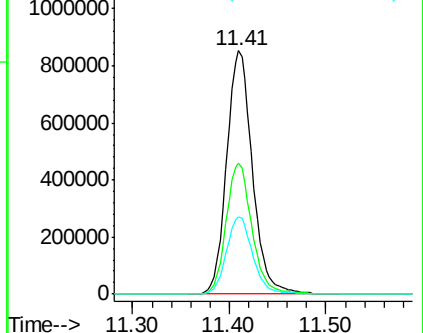
119 32.0 25.5 38.3

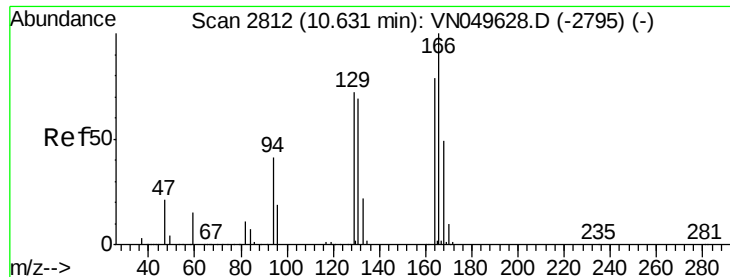


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 45.51 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049639.D

Acq: 29 Jun 2018 18:41

Instrument :

MSVOA_N

ClientSampled :

S-3(5-5.5)RE

Tot Ion:164 Resp: 972106

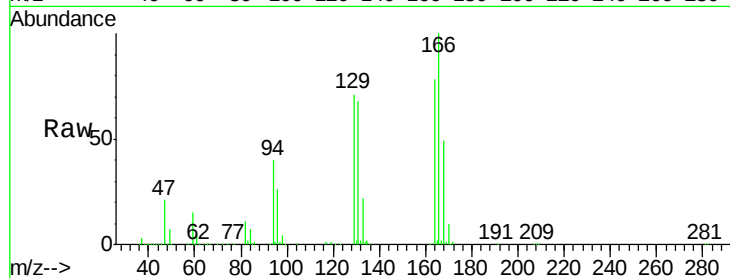
Ion Ratio Lower Upper

164 100

166 127.8 101.4 152.2

129 90.6 74.1 111.1

131 86.9 73.7 110.5

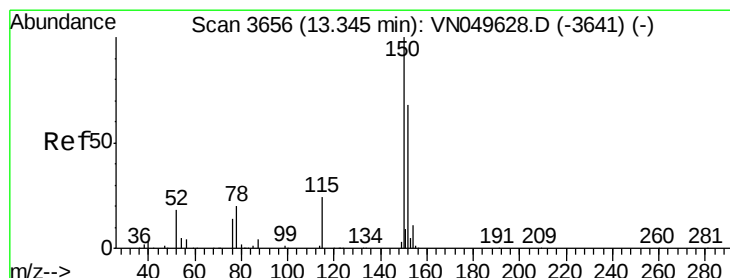
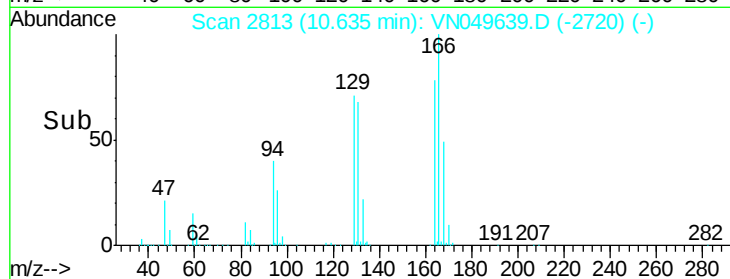
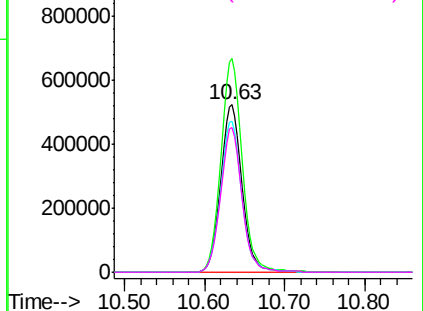


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049639.D

Acq: 29 Jun 2018 18:41

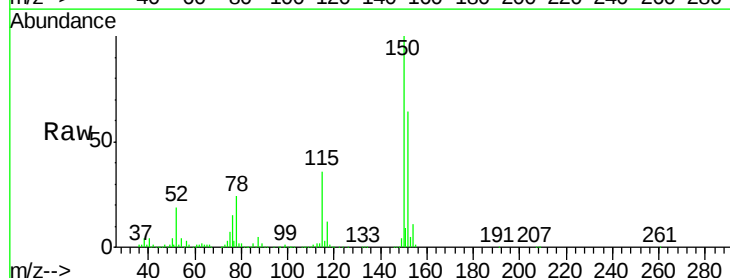
Tgt Ion:152 Resp: 557981

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

150 156.1 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

