

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049735.D
 Acq On : 6 Jul 2018 13:37
 Operator : MD\SY
 Sample : J3840-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-S

Quant Time: Jul 06 14:39:06 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

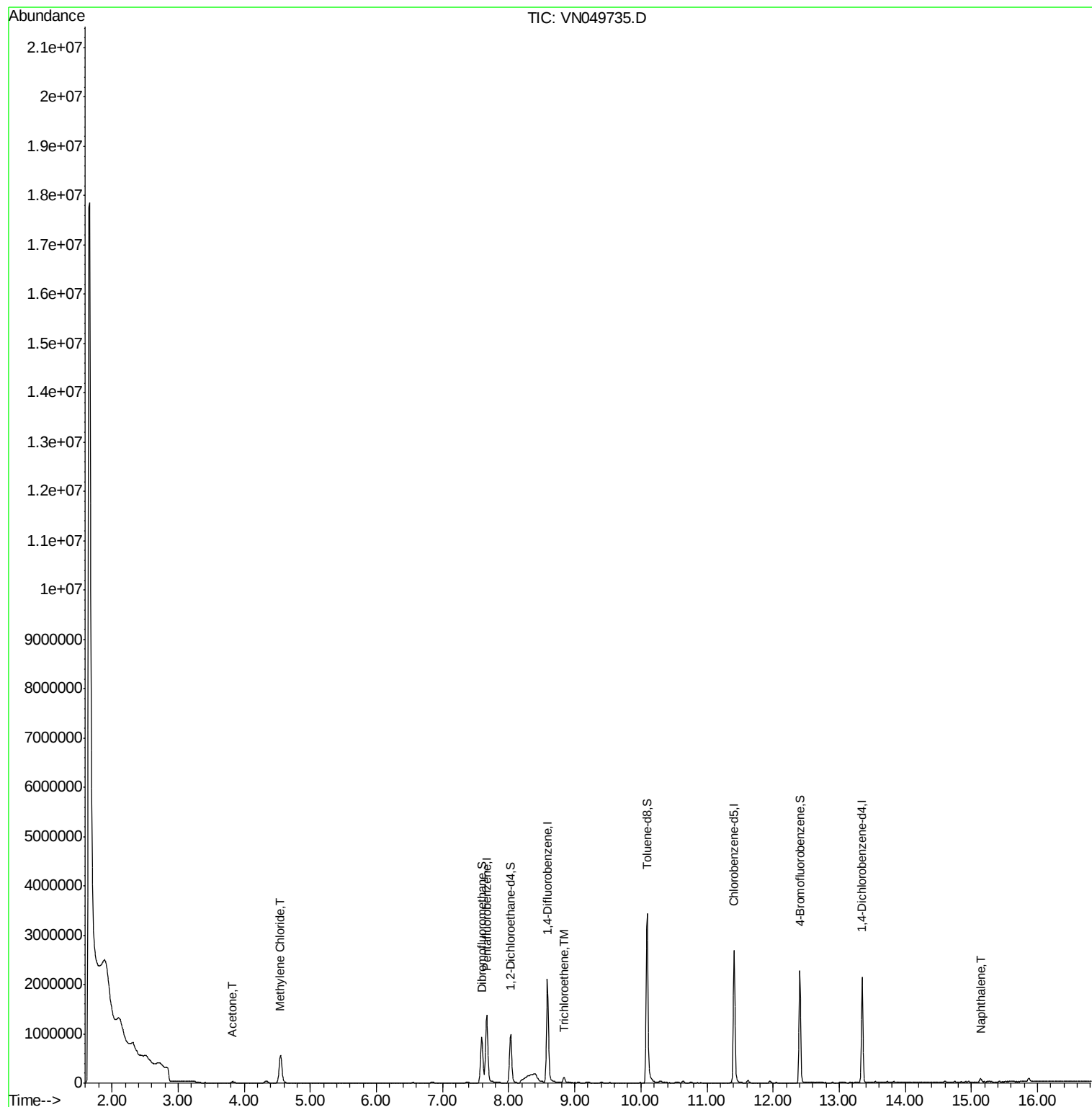
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1232965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2000192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1676771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	611128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	854137	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.59	113	707350	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.09	98	2684036	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.40	95	774884	38.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.56%	
Target Compounds						
16) Acetone	3.83	43	39809	4.322	ug/l	94
20) Methylene Chloride	4.55	84	430777	25.692	ug/l	97
44) Trichloroethene	8.84	130	39652	1.913	ug/l	93
95) Naphthalene	15.14	128	63773	6.402	ug/l	97

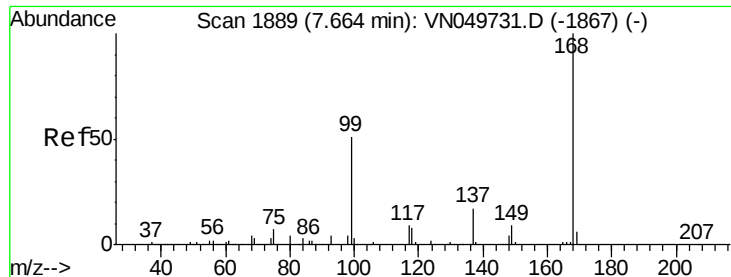
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 06 14:39:06 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: VN049735.D

Acq: 6 Jul 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

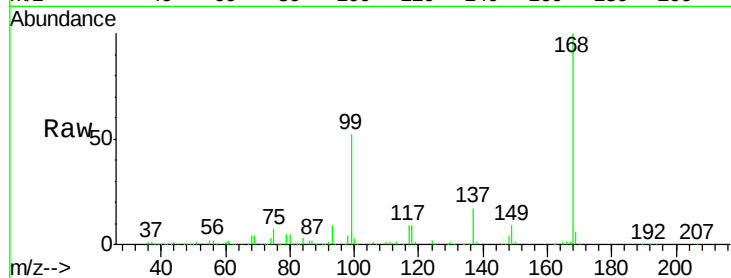
TP-4-S

Tot Ion:168 Resp: 1232965

Ion Ratio Lower Upper

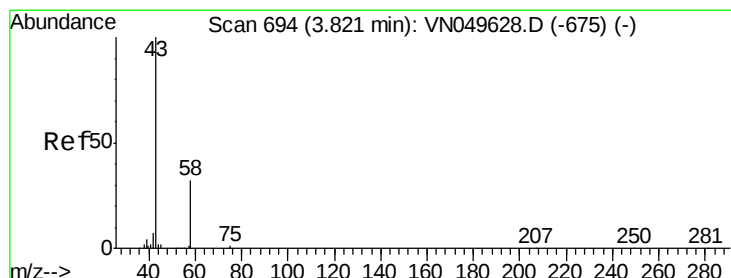
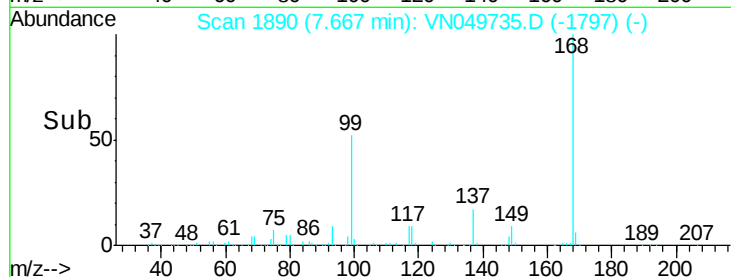
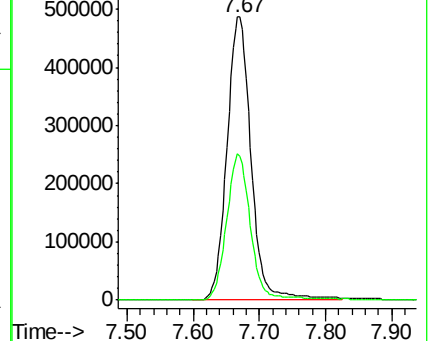
168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 4.322 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049735.D

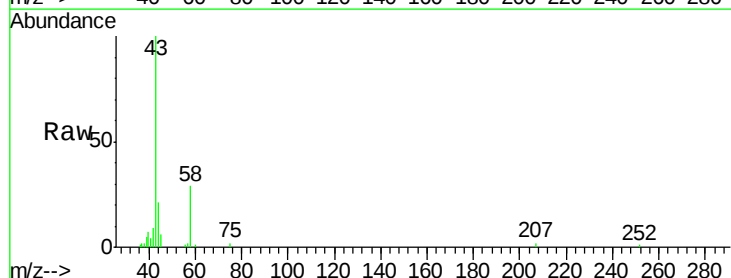
Acq: 6 Jul 2018 13:37

Tgt Ion: 43 Resp: 39809

Ion Ratio Lower Upper

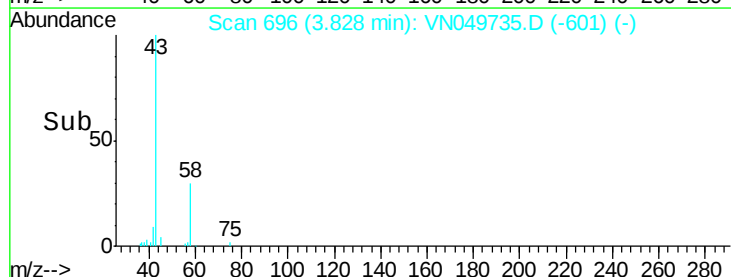
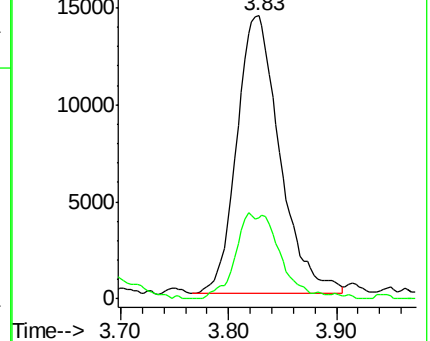
43 100

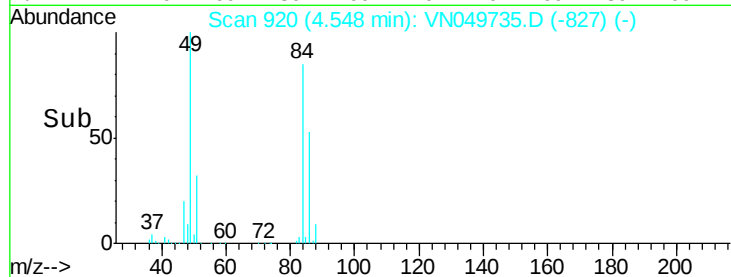
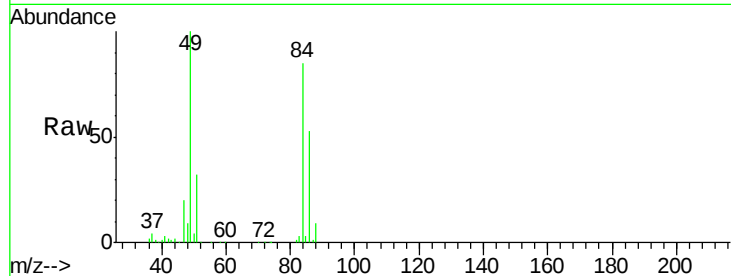
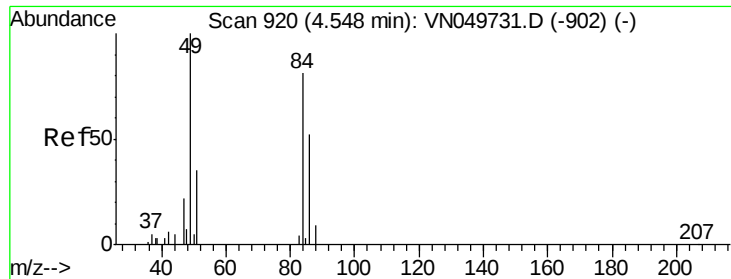
58 29.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

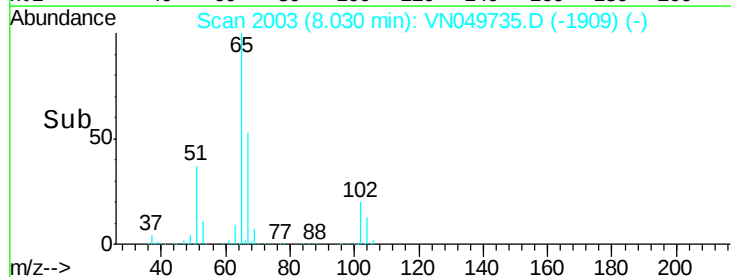
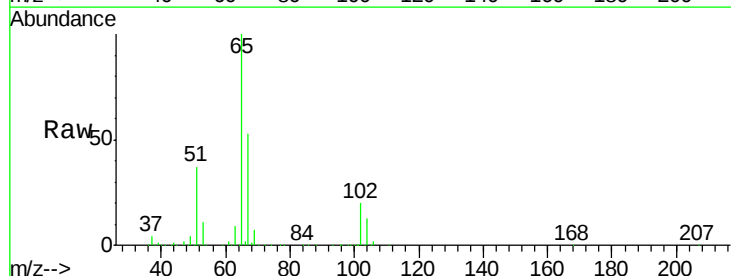
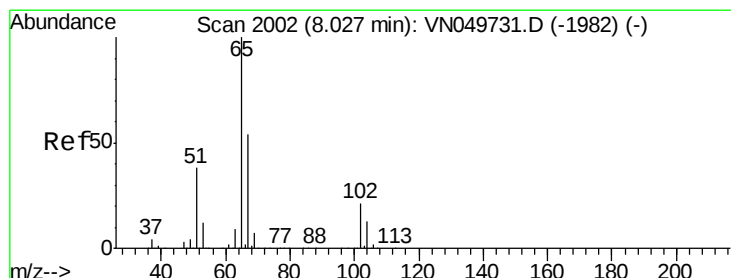
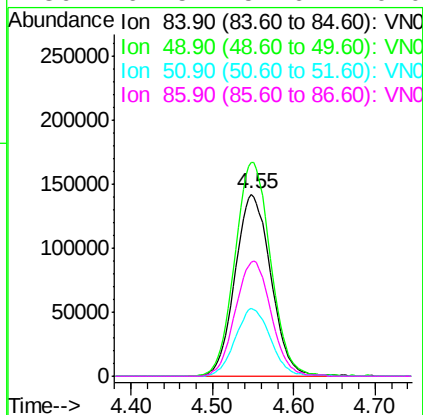




#20
Methylene Chloride
Concen: 25.692 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049735.D
Acq: 6 Jul 2018 13:37

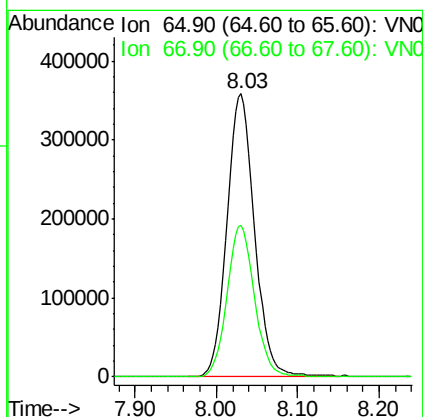
Instrument :
MSVOA_N
ClientSampled :
TP-4-S

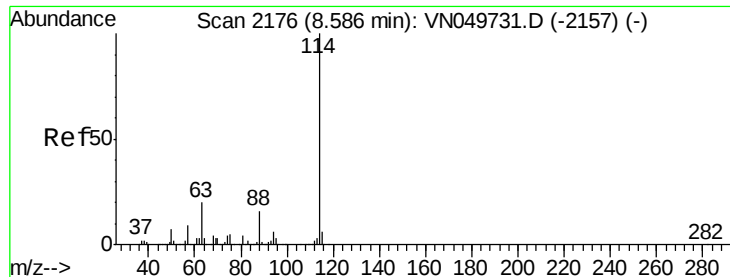
Tot Ion: 84 Resp: 430777
Ion Ratio Lower Upper
84 100
49 117.2 95.4 143.2
51 37.5 28.4 42.6
86 62.5 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 52.457 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049735.D
Acq: 6 Jul 2018 13:37

Tgt Ion: 65 Resp: 854137
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2

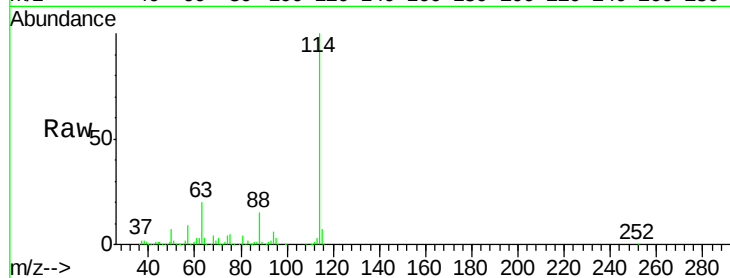




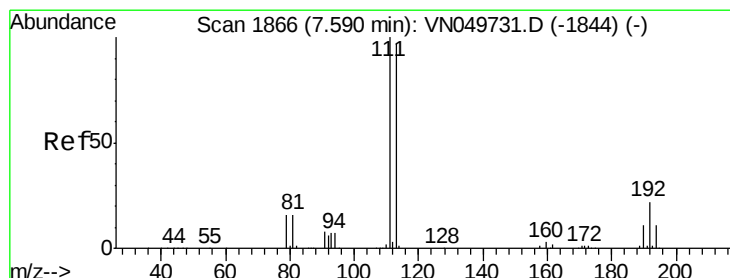
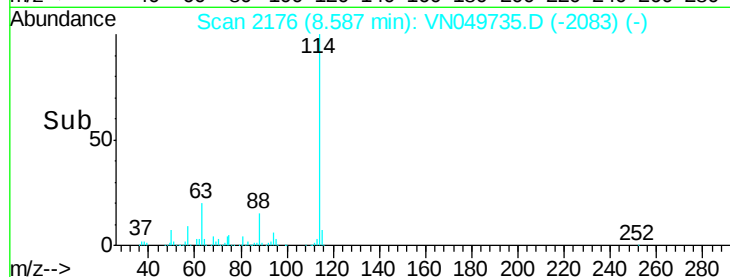
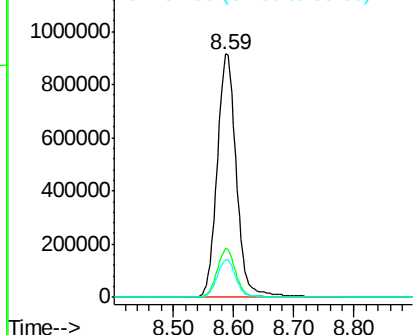
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049735.D
 Acq: 6 Jul 2018 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-S

Tot Ion:114 Resp: 2000192
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.5 0.0 30.6

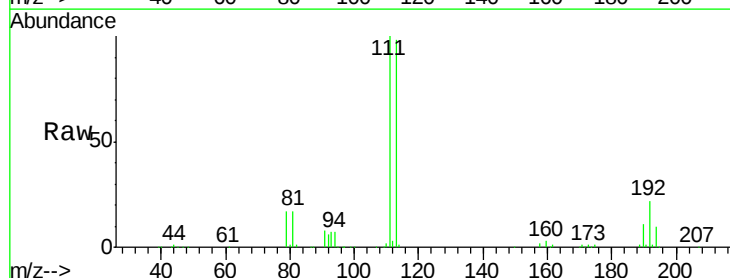


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

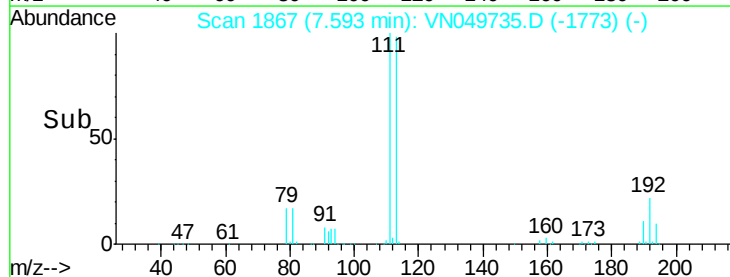
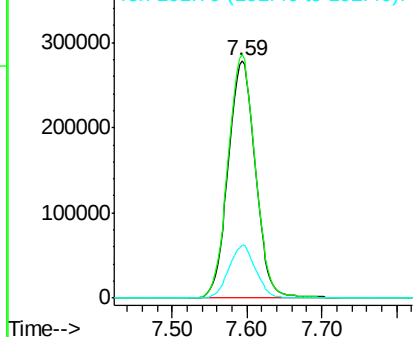


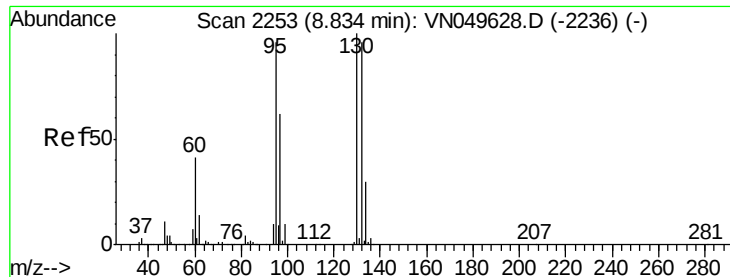
#35
 Dibromofluoromethane
 Concen: 47.303 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049735.D
 Acq: 6 Jul 2018 13:37

Tgt Ion:113 Resp: 707350
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 21.8 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





#44

Trichloroethene

Concen: 1.913 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.01 min

Lab File: VN049735.D

Acq: 6 Jul 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

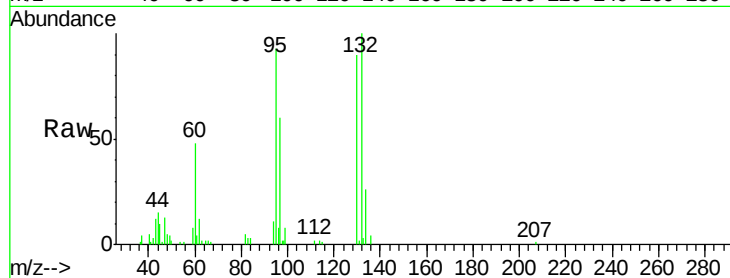
TP-4-S

Tot Ion:130 Resp: 39652

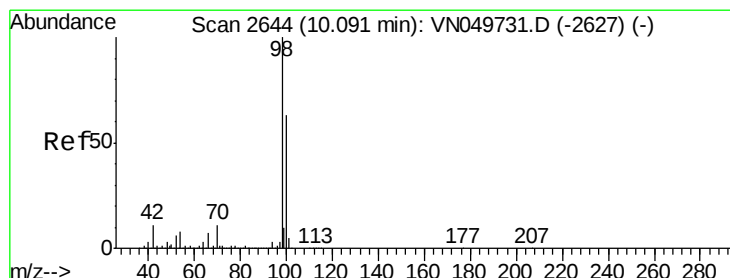
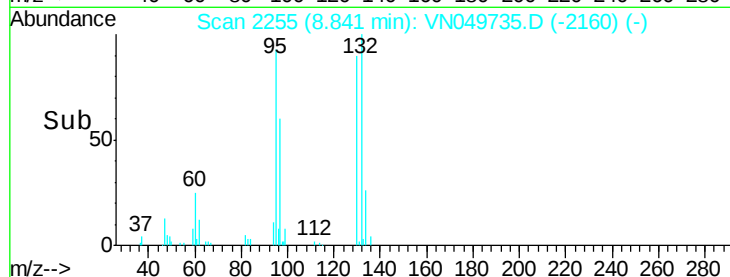
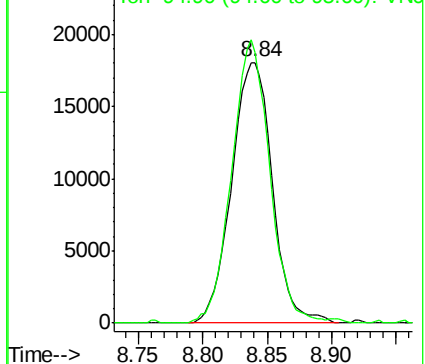
Ion Ratio Lower Upper

130 100

95 103.6 0.0 192.8



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



#50

Toluene-d8

Concen: 45.856 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049735.D

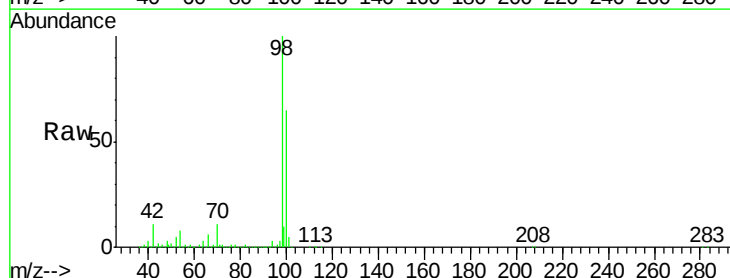
Acq: 6 Jul 2018 13:37

Tgt Ion: 98 Resp: 2684036

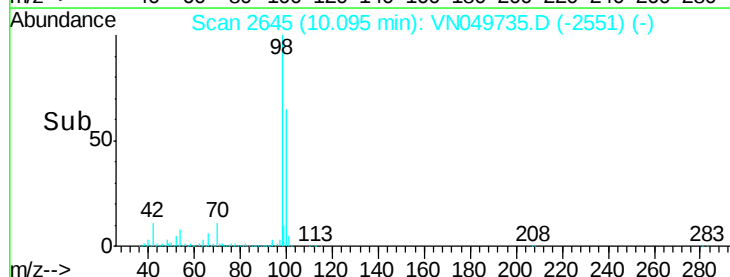
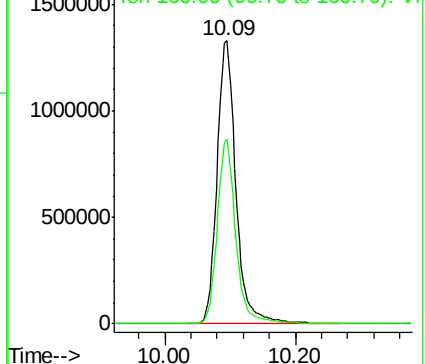
Ion Ratio Lower Upper

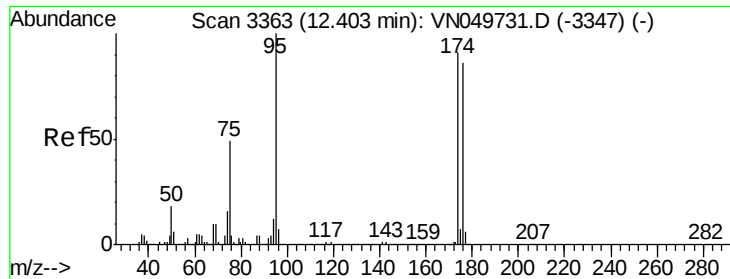
98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049731.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 38.776 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049735.D

Acq: 6 Jul 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

TP-4-S

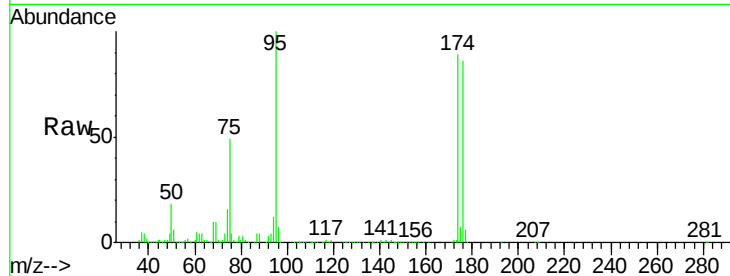
Tot Ion: 95 Resp: 774884

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.6

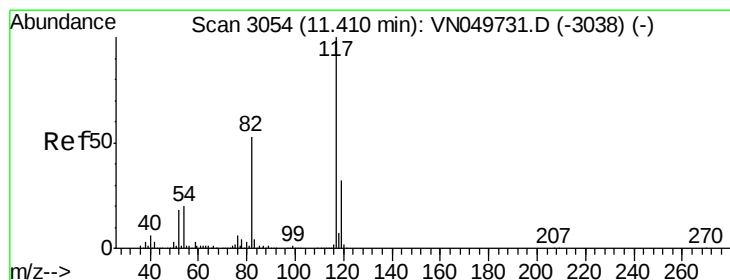
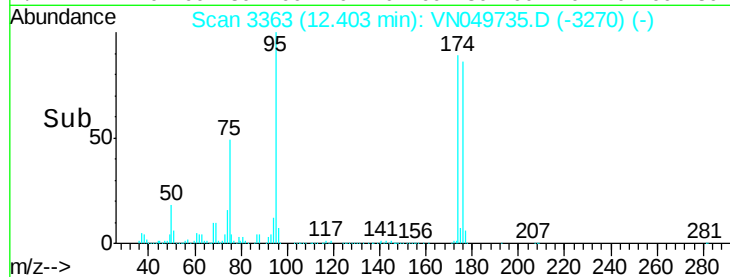
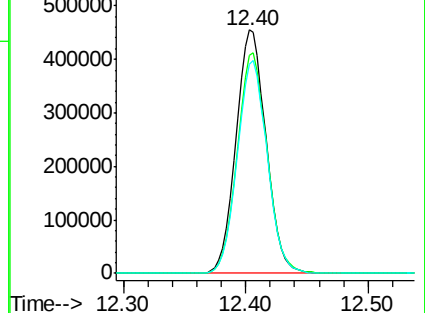
176 87.0 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049735.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049735.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049735.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049735.D

Acq: 6 Jul 2018 13:37

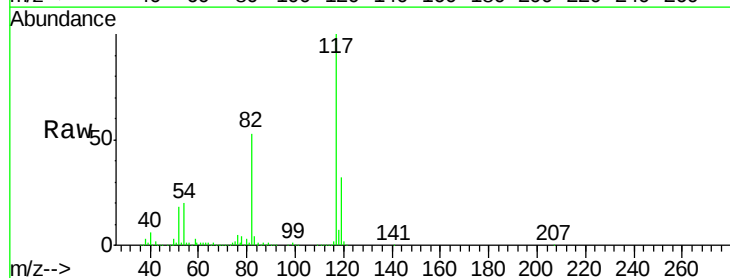
Tgt Ion: 117 Resp: 1676771

Ion Ratio Lower Upper

117 100

82 53.0 41.9 62.9

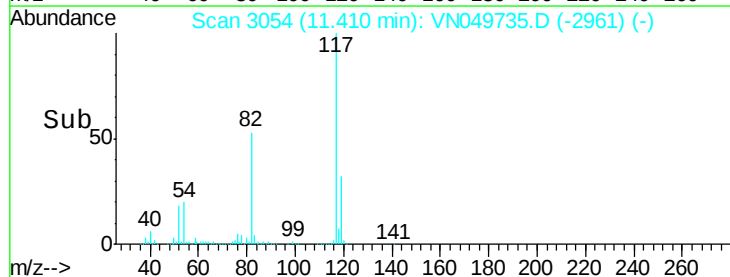
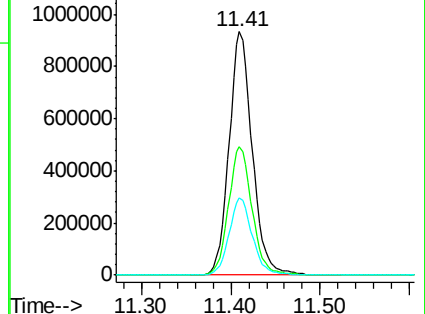
119 31.5 25.4 38.2

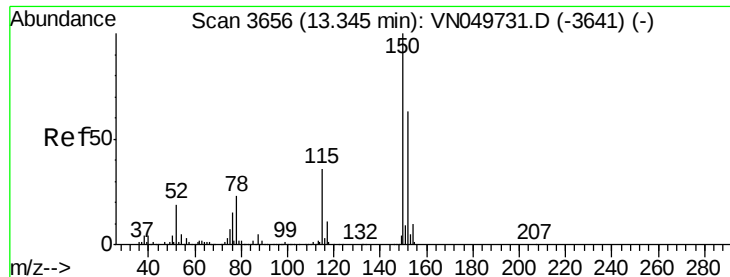


Abundance Ion 116.90 (116.60 to 117.60): VN049735.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049735.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049735.D (-2961) (-)



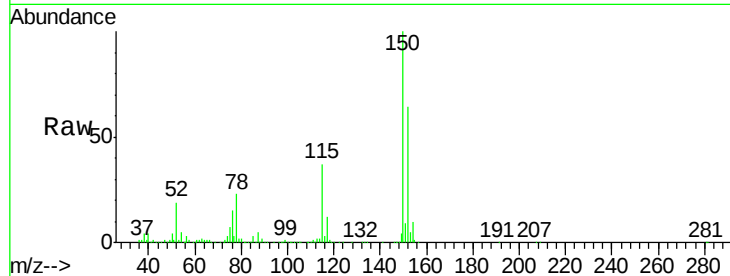


#72

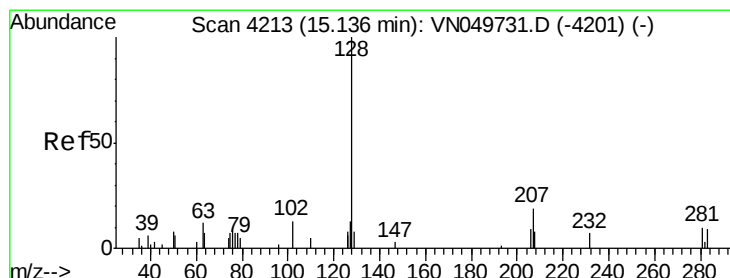
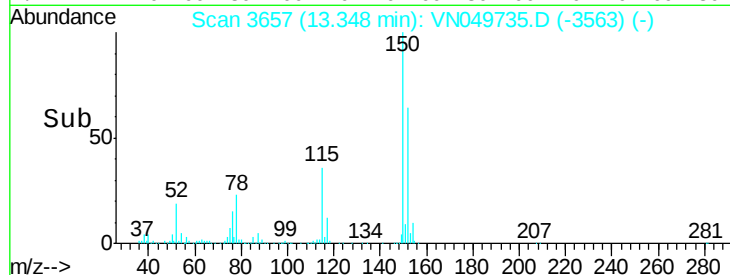
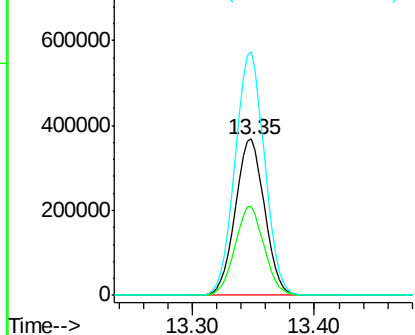
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049735.D
Acq: 6 Jul 2018 13:37

Instrument :
MSVOA_N
ClientSampleId :
TP-4-S

Tot Ion:152 Resp: 611128
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 156.7 0.0 347.6



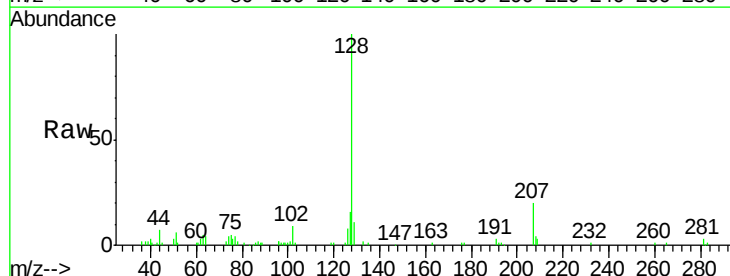
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 6.402 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049735.D
Acq: 6 Jul 2018 13:37

Tgt Ion:128 Resp: 63773
Ion Ratio Lower Upper
128 100
127 14.7 10.4 15.6
129 11.3 8.6 13.0



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

