

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052560.D
 Acq On : 29 Nov 2018 13:05
 Operator : MD\SY
 Sample : J6065-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 USTS-1-2-3

Quant Time: Nov 30 02:56:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

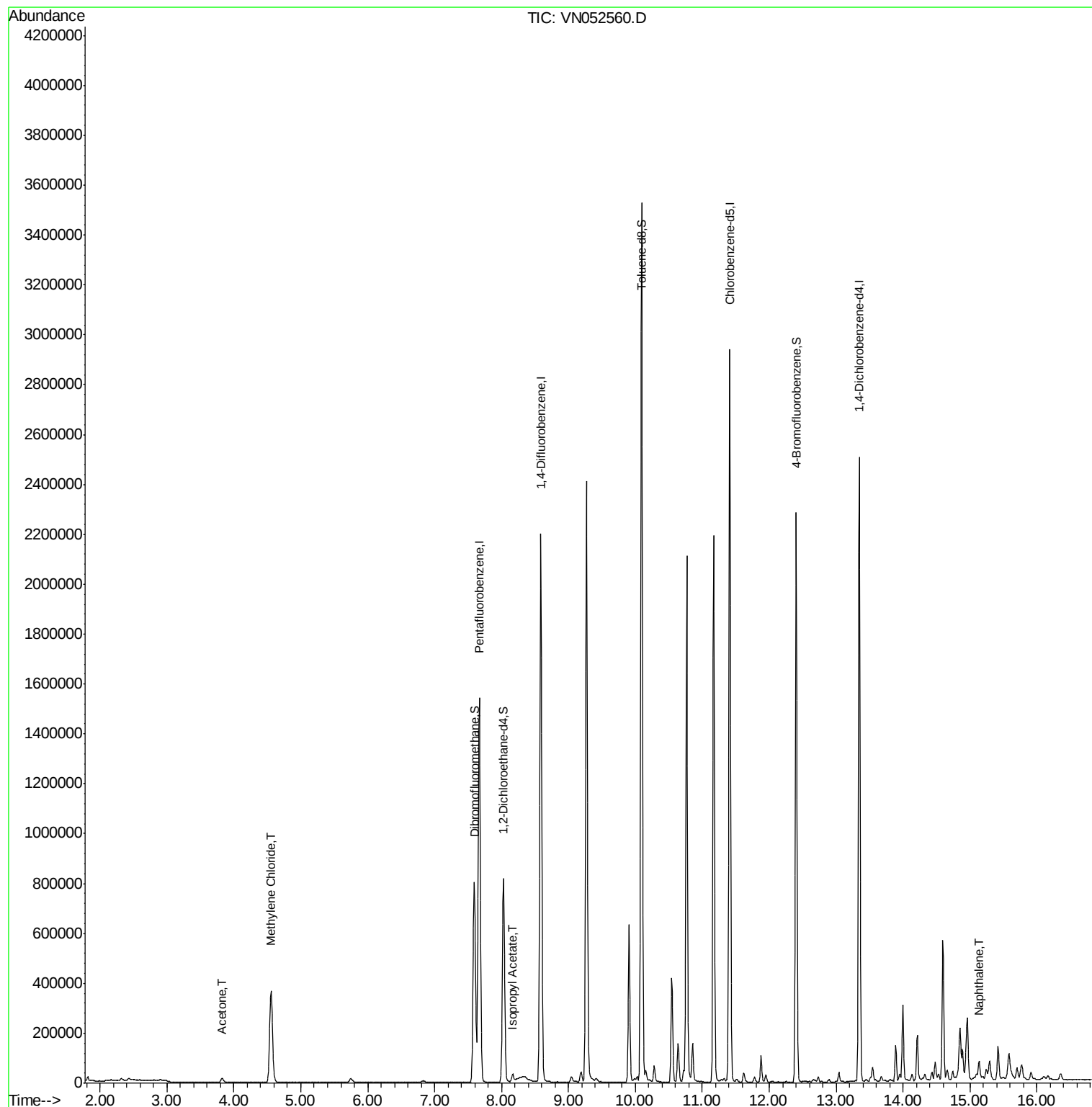
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1347382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2034168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1797090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	694420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	689834	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
35) Dibromofluoromethane	7.59	113	626246	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.09	98	2486198	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	793694	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
16) Acetone	3.82	43	28965	7.485	ug/l	95
20) Methylene Chloride	4.56	84	283206	18.703	ug/l	98
43) Isopropyl Acetate	8.17	43	42467	2.141	ug/l #	86
95) Naphthalene	15.14	128	65205	5.752	ug/l	99

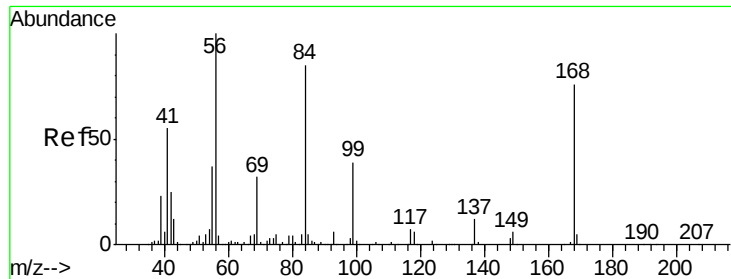
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052560.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052560.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_N

ClientSampled :

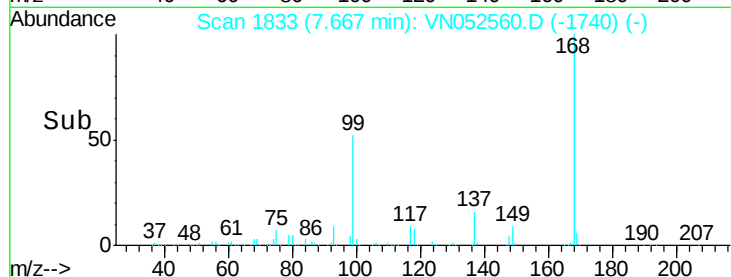
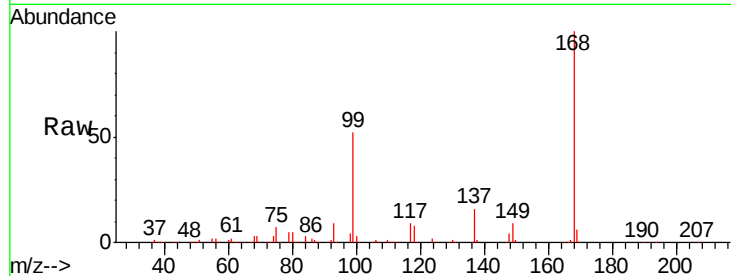
USTS-1-2-3

Tgt Ion:168 Resp: 1347382

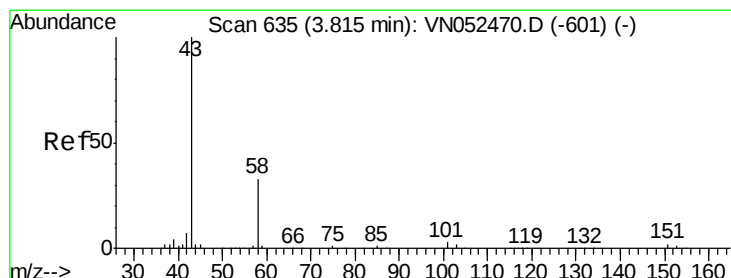
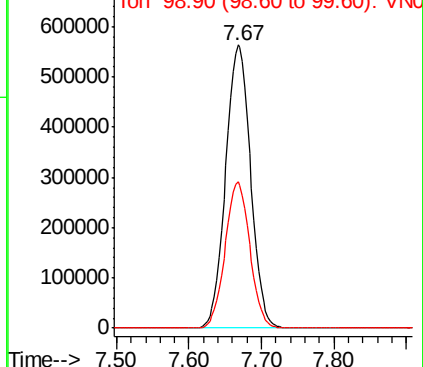
Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052560.D (-1740) (-)



#16

Acetone

Concen: 7.485 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052560.D

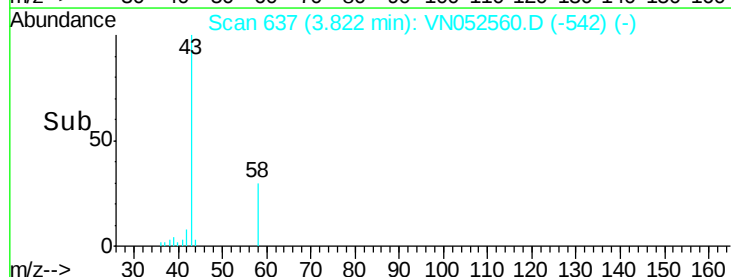
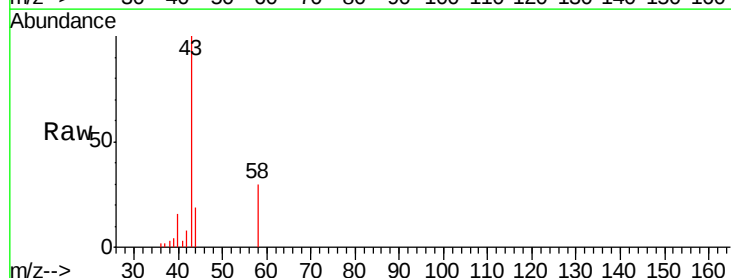
Acq: 29 Nov 2018 13:05

Tgt Ion: 43 Resp: 28965

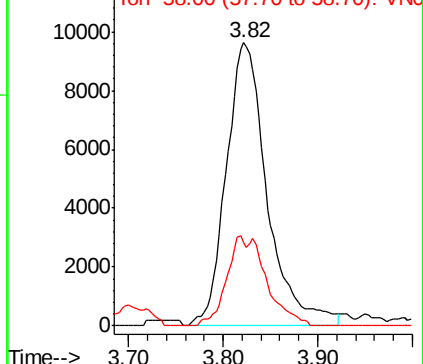
Ion Ratio Lower Upper

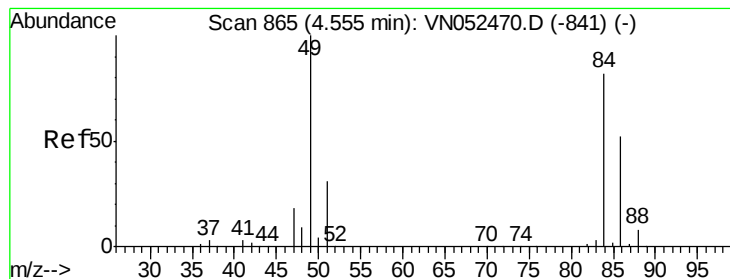
43 100

58 29.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052560.D (-542) (-)





#20

Methylene Chloride

Concen: 18.703 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052560.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

USTS-1-2-3

Tgt Ion: 84 Resp: 283206

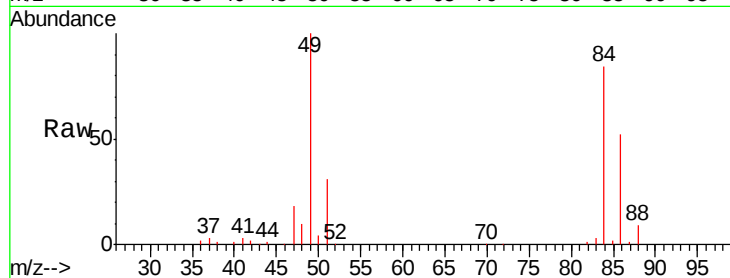
Ion Ratio Lower Upper

84 100

49 119.6 98.0 147.0

51 37.0 30.1 45.1

86 61.9 50.7 76.1

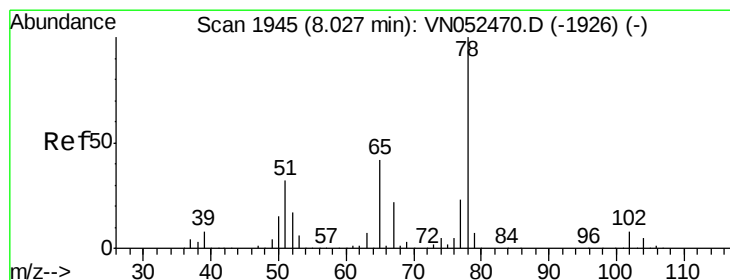
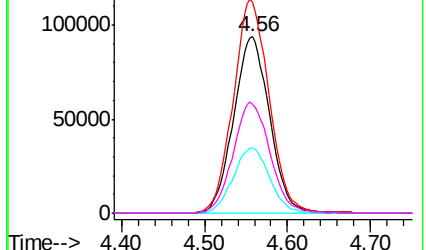
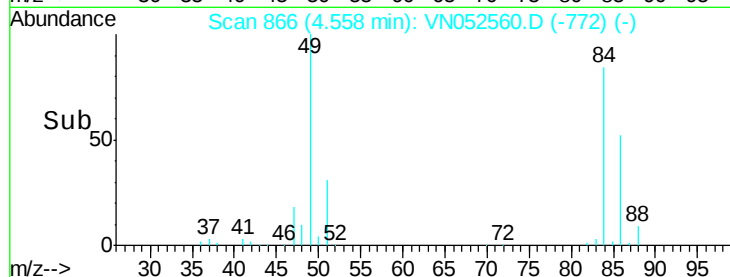


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052560.D

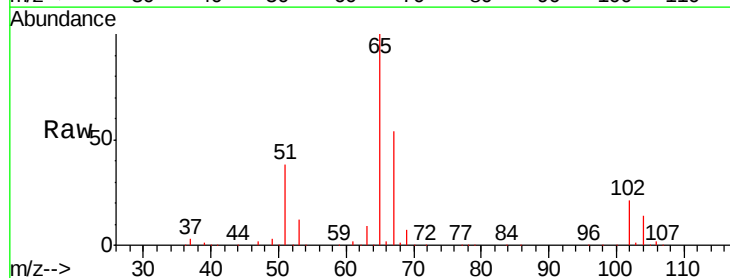
Acq: 29 Nov 2018 13:05

Tgt Ion: 65 Resp: 689834

Ion Ratio Lower Upper

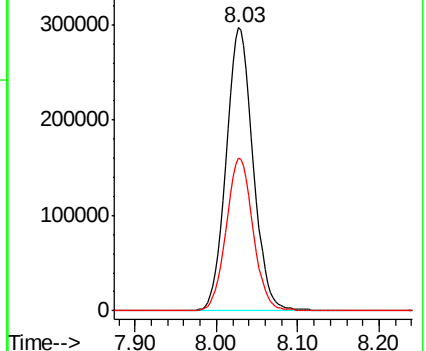
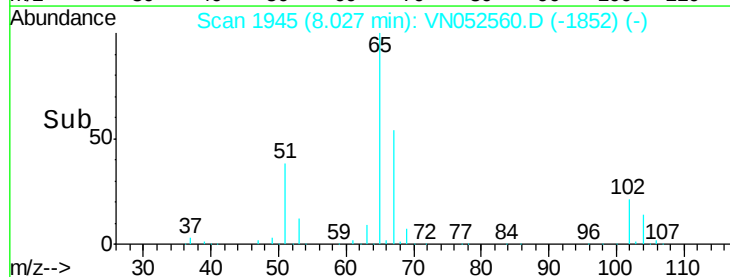
65 100

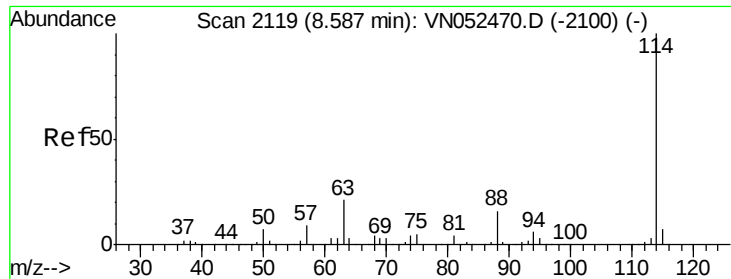
67 54.0 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

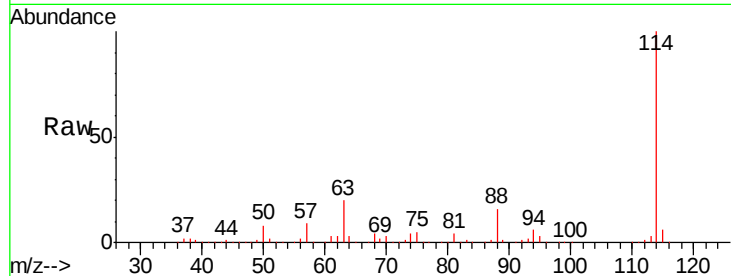




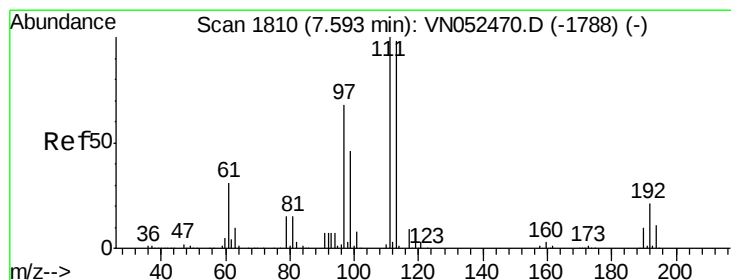
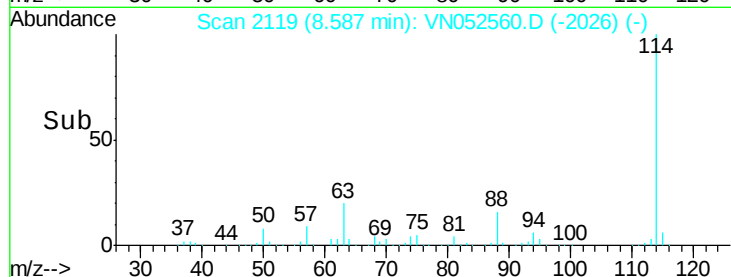
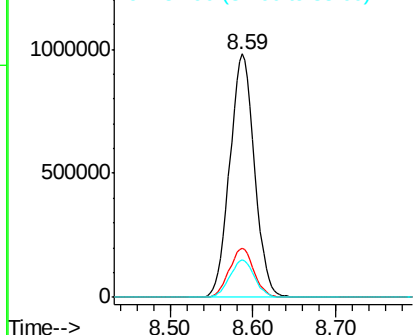
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052560.D
 Acq: 29 Nov 2018 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 USTS-1-2-3

Tgt Ion:114 Resp: 2034168
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.5 0.0 31.6

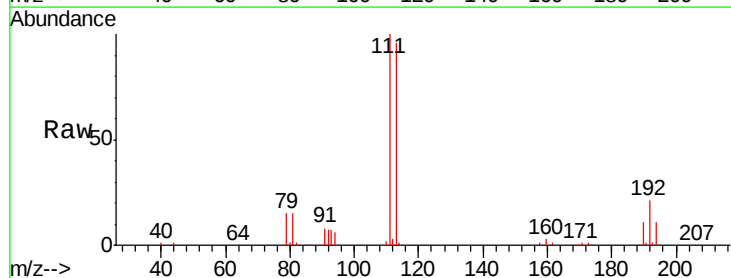


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

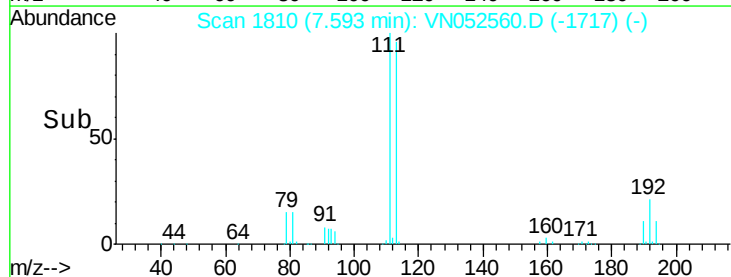
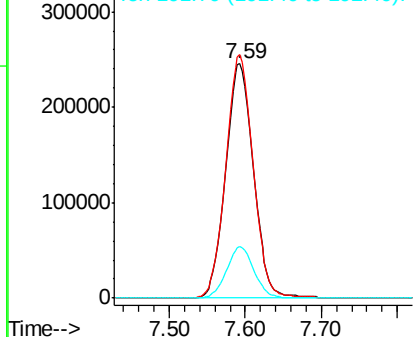


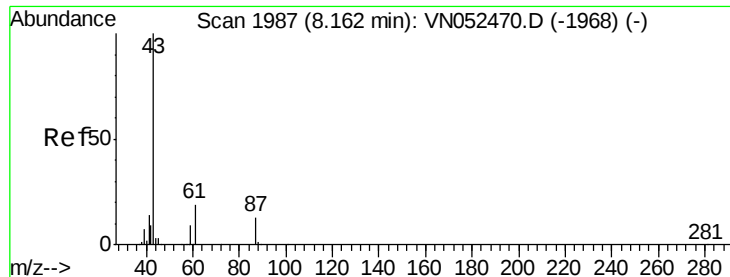
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052560.D
 Acq: 29 Nov 2018 13:05

Tgt Ion:113 Resp: 626246
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 21.7 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 2.141 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052560.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

USTS-1-2-3

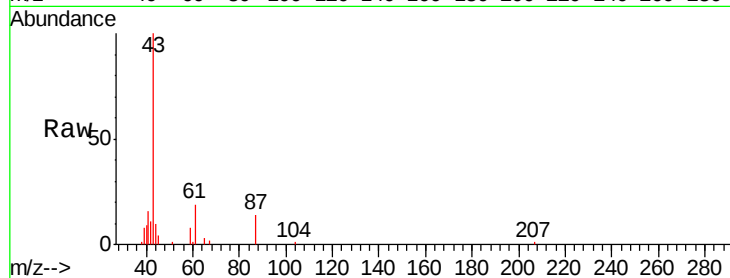
Tgt Ion: 43 Resp: 42467

Ion Ratio Lower Upper

43 100

61 19.6 24.1 36.1#

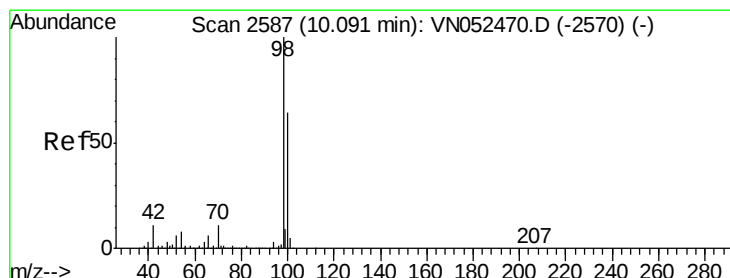
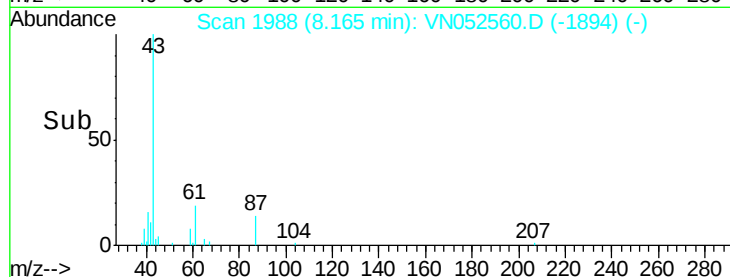
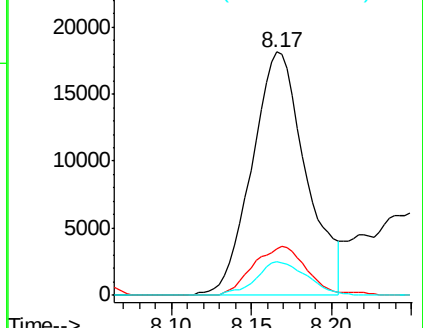
87 12.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052560.D

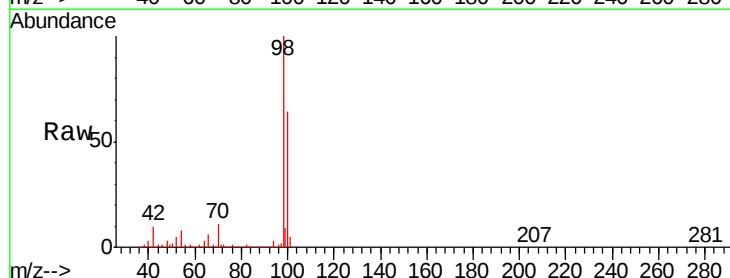
Acq: 29 Nov 2018 13:05

Tgt Ion: 98 Resp: 2486198

Ion Ratio Lower Upper

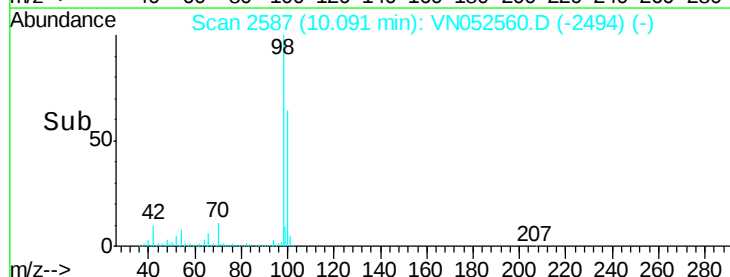
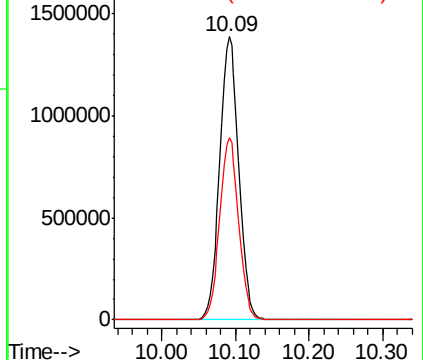
98 100

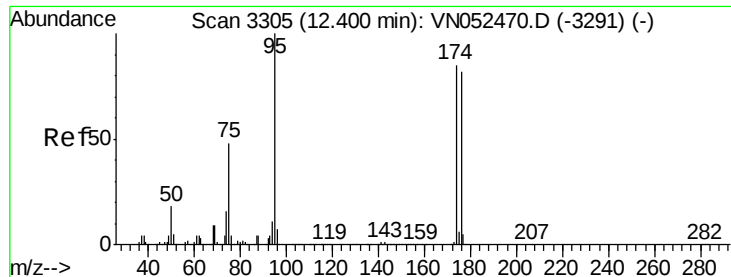
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052560.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

USTS-1-2-3

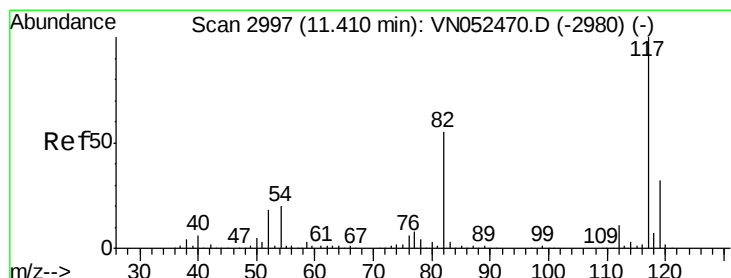
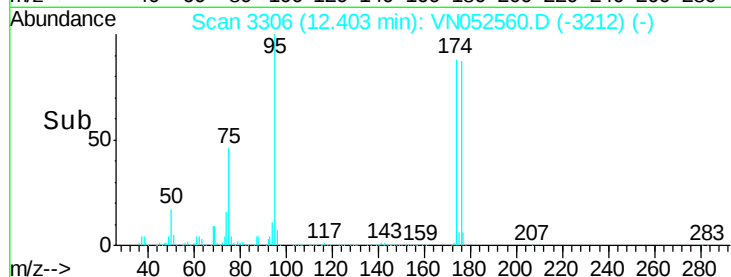
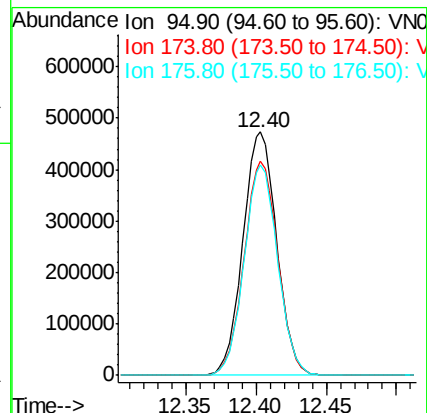
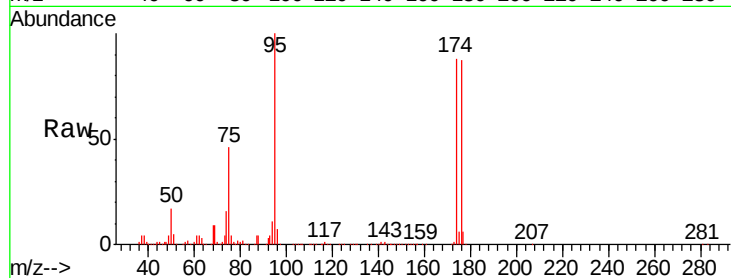
Tgt Ion: 95 Resp: 793694

Ion Ratio Lower Upper

95 100

174 87.9 0.0 173.0

176 85.8 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052560.D

Acq: 29 Nov 2018 13:05

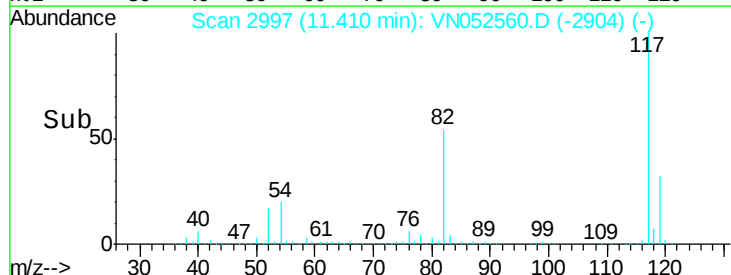
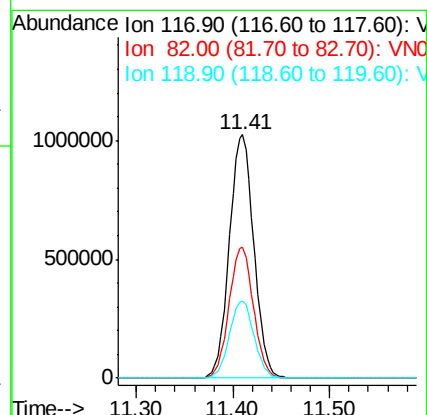
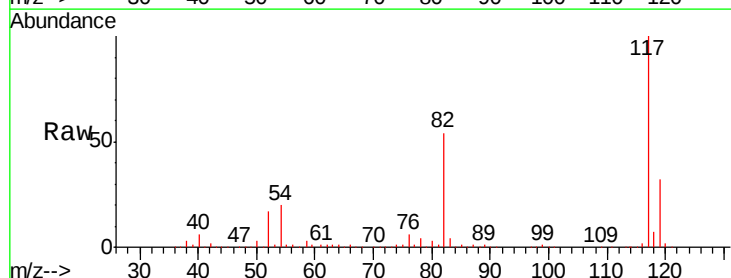
Tgt Ion: 117 Resp: 1797090

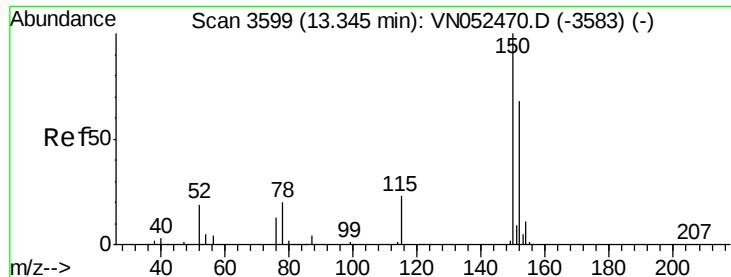
Ion Ratio Lower Upper

117 100

82 53.7 43.6 65.4

119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052560.D

Acq: 29 Nov 2018 13:05

Instrument :

MSVOA_N

ClientSampled :

USTS-1-2-3

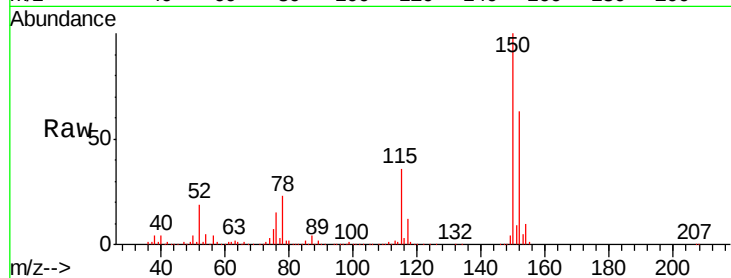
Tgt Ion:152 Resp: 694420

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.2

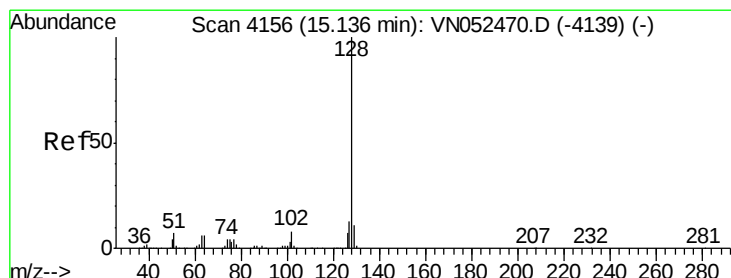
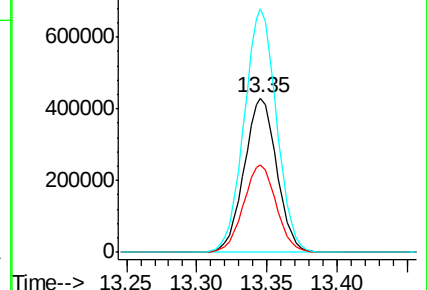
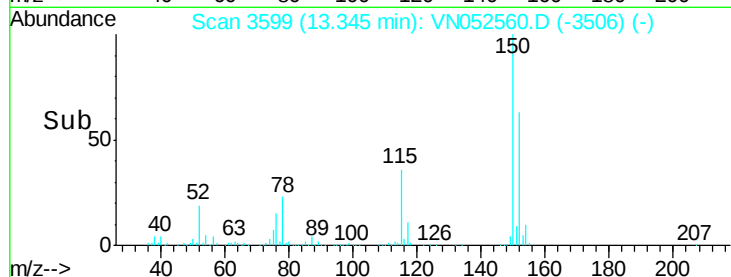
150 157.3 0.0 346.0



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: 5.752 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052560.D

Acq: 29 Nov 2018 13:05

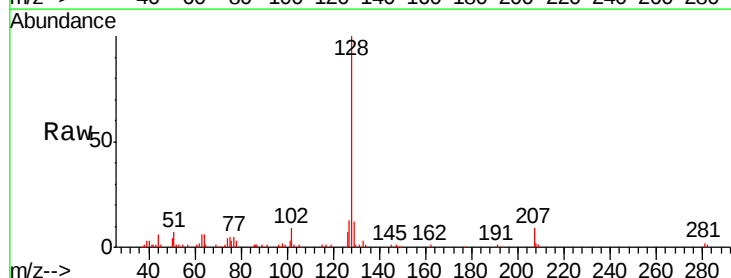
Tgt Ion:128 Resp: 65205

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.7 8.7 13.1



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

