

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052420.D
 Acq On : 20 Nov 2018 20:52
 Operator : MD\SY
 Sample : J5999-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-1114-S-TCLP-4

Quant Time: Nov 21 00:42:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	294497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	499486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	427659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150230	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	223048	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	7.59	113	167857	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.09	98	633924	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	188772	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

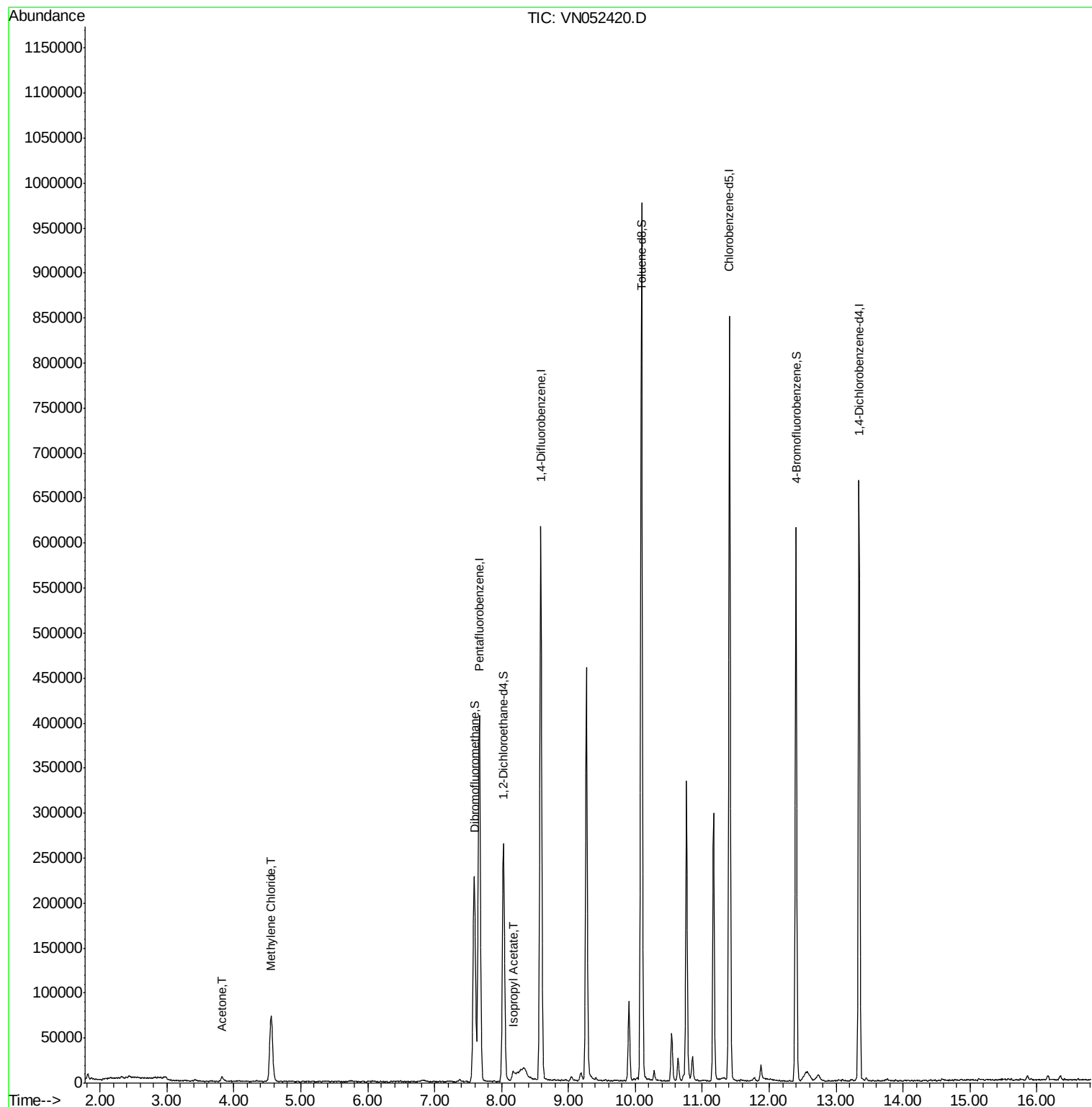
Target Compounds						Qvalue
16) Acetone	3.82	43	8580	7.49	ug/l	# 83
20) Methylene Chloride	4.56	84	47759	13.19	ug/l	98
43) Isopropyl Acetate	8.17	43	14164	2.02	ug/l	# 72

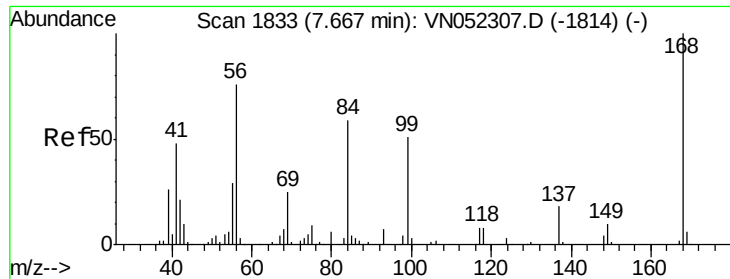
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052420.D

Acq: 20 Nov 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

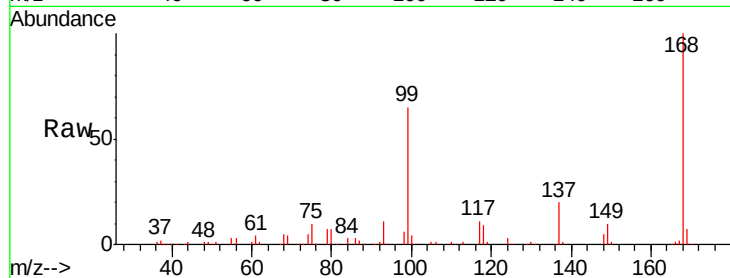
SSSI-1114-S-TCLP-4

Tgt Ion:168 Resp: 294497

Ion Ratio Lower Upper

168 100

99 65.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

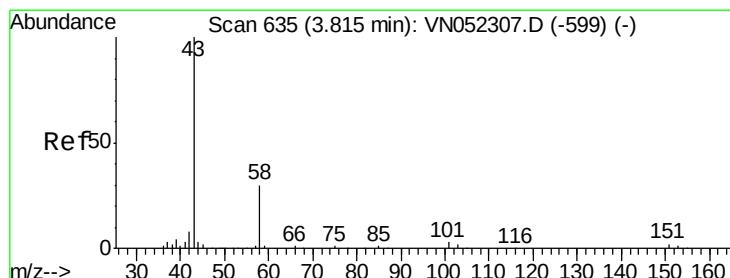
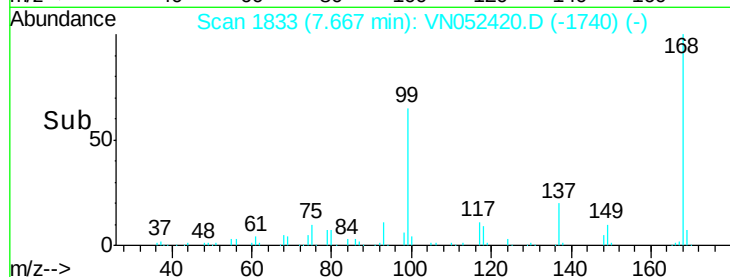
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 7.49 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052420.D

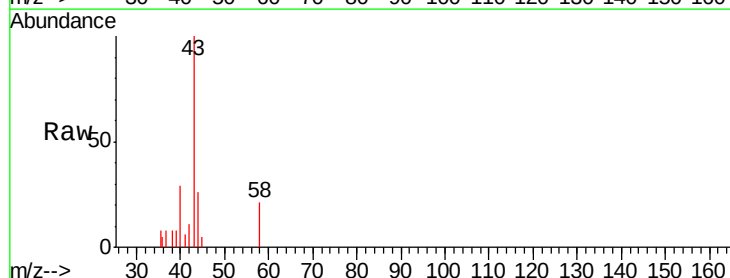
Acq: 20 Nov 2018 20:52

Tgt Ion: 43 Resp: 8580

Ion Ratio Lower Upper

43 100

58 21.1 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

3.82

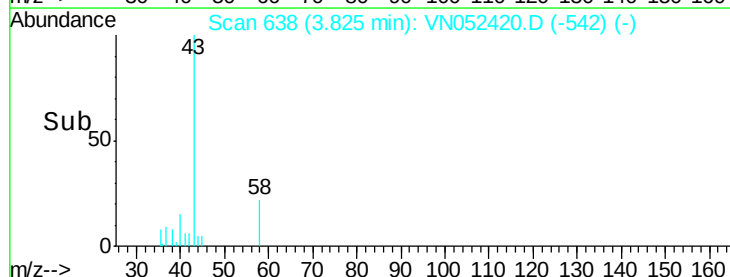
3000

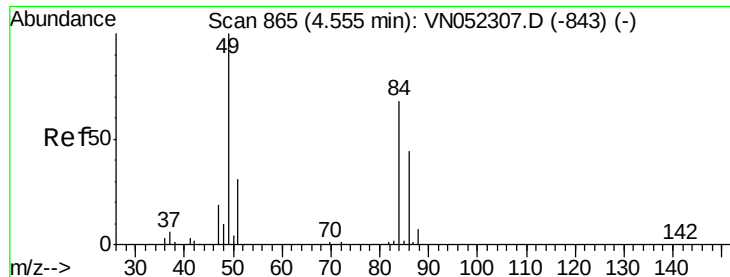
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

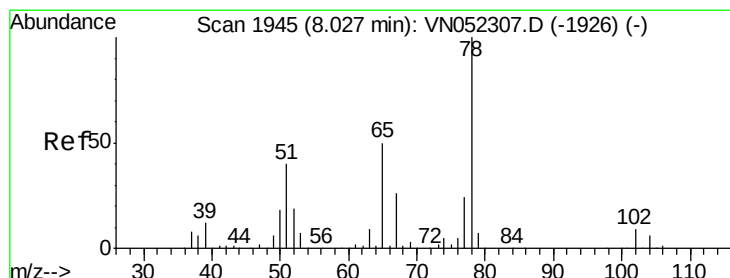
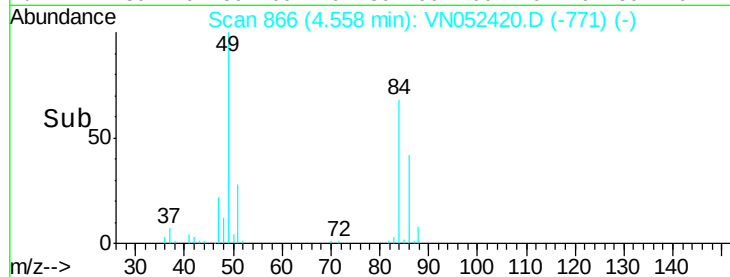
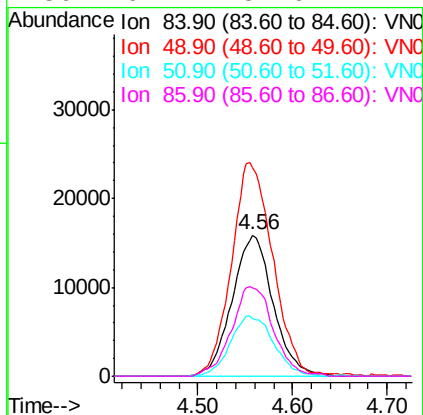
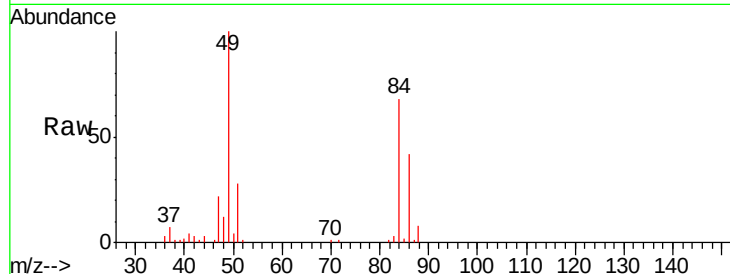




#20
Methylene Chloride
Concen: 13.19 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

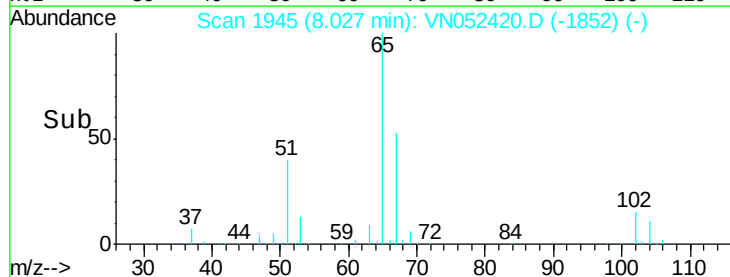
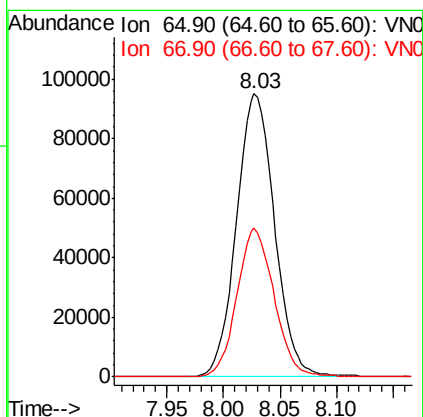
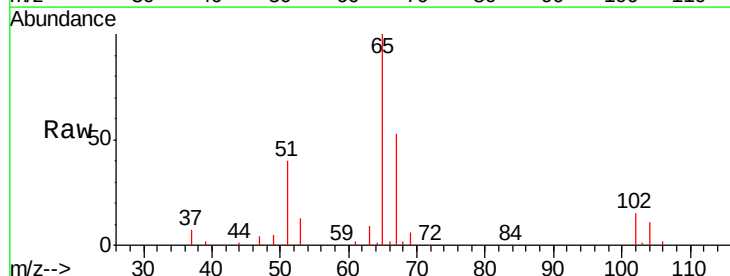
Instrument :
MSVOA_N
ClientSampleId :
SSSI-1114-S-TCLP-4

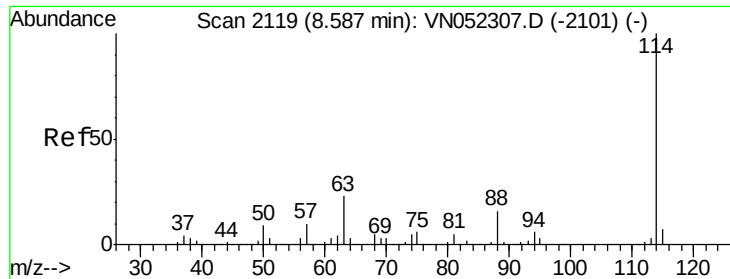
Tgt Ion: 84 Resp: 47759
Ion Ratio Lower Upper
84 100
49 147.7 118.2 177.2
51 41.1 36.1 54.1
86 62.4 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052420.D
Acq: 20 Nov 2018 20:52

Tgt Ion: 65 Resp: 223048
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2

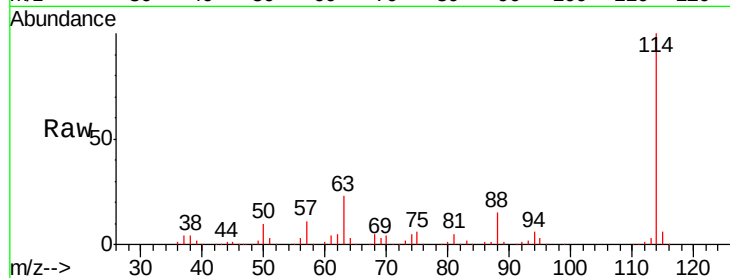




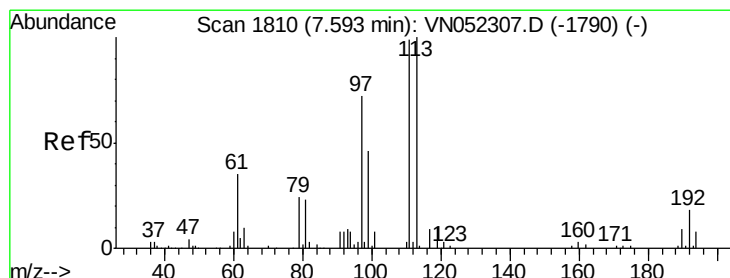
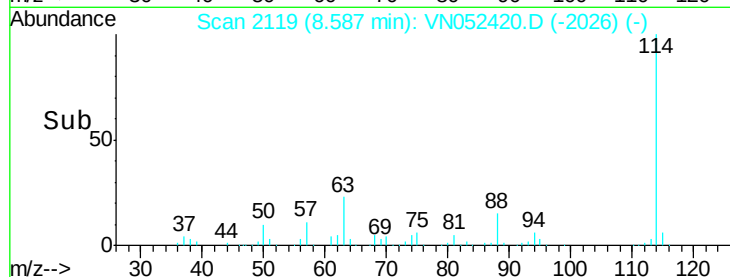
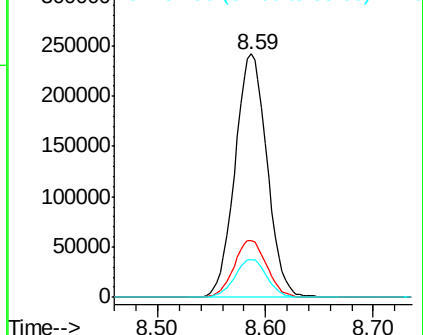
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052420.D
 Acq: 20 Nov 2018 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-1114-S-TCLP-4

Tgt Ion:114 Resp: 499486
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.4
 88 15.4 0.0 31.2

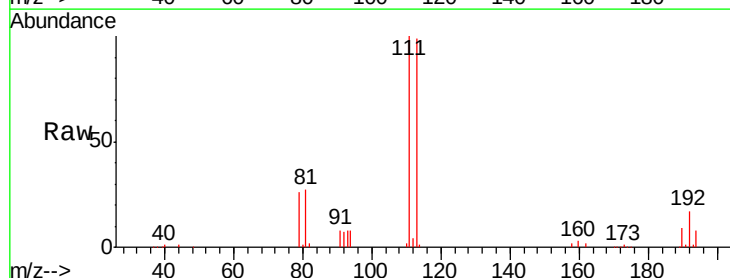


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

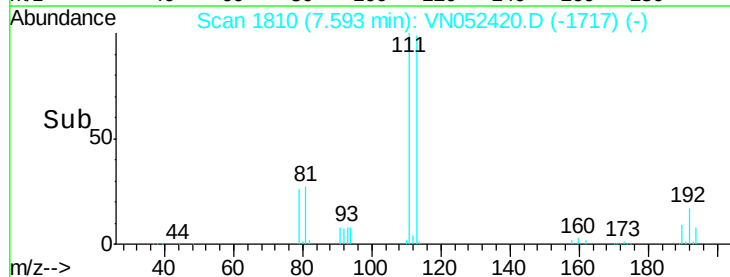
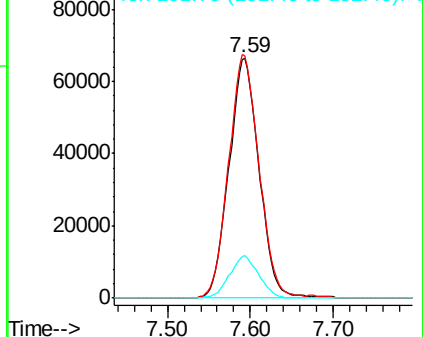


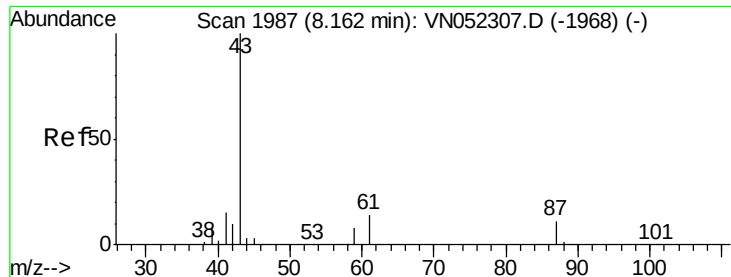
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052420.D
 Acq: 20 Nov 2018 20:52

Tgt Ion:113 Resp: 167857
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.6
 192 17.1 13.8 20.6



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: 2.02 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052420.D

Acq: 20 Nov 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

SSSI-1114-S-TCLP-4

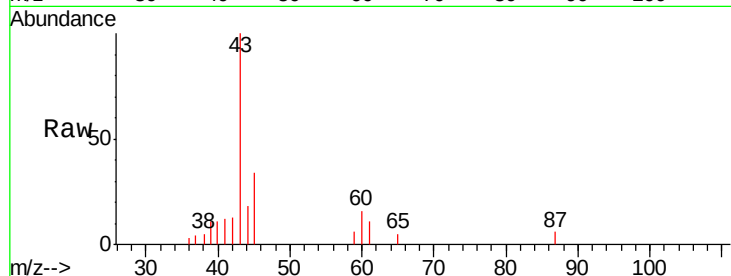
Tgt Ion: 43 Resp: 14164

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

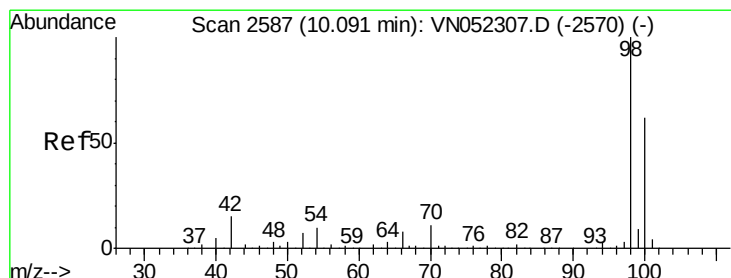
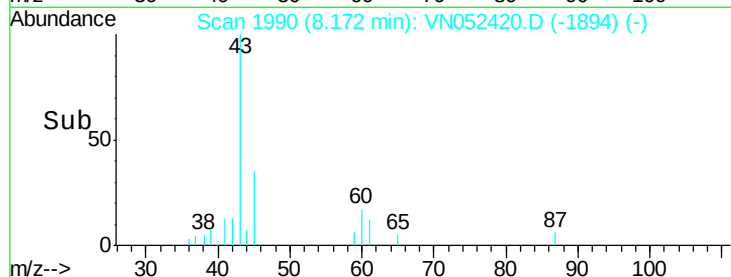
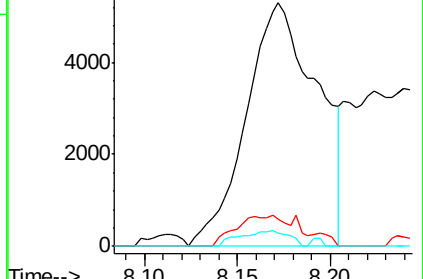
87 4.4 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052420.D

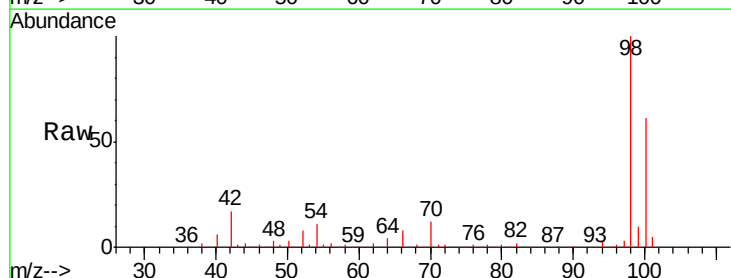
Acq: 20 Nov 2018 20:52

Tgt Ion: 98 Resp: 633924

Ion Ratio Lower Upper

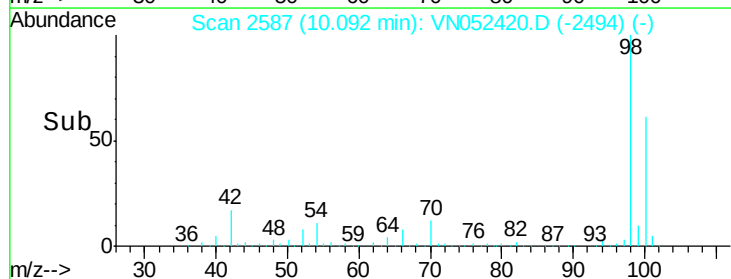
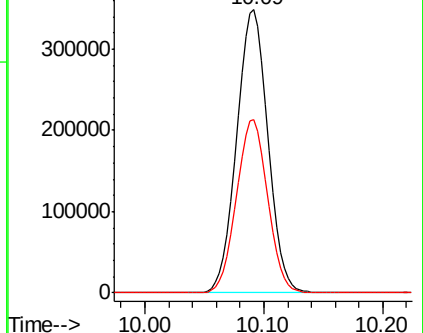
98 100

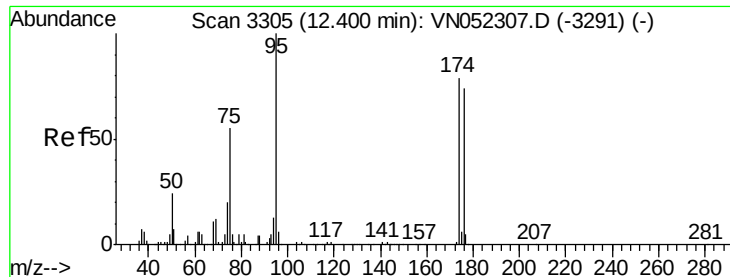
100 61.2 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052420.D

Acq: 20 Nov 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

SSSI-1114-S-TCLP-4

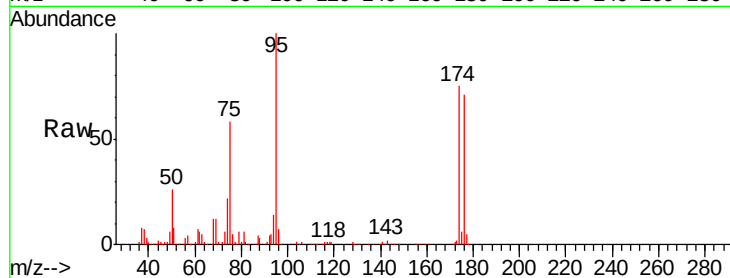
Tgt Ion: 95 Resp: 188772

Ion Ratio Lower Upper

95 100

174 75.4 0.0 156.0

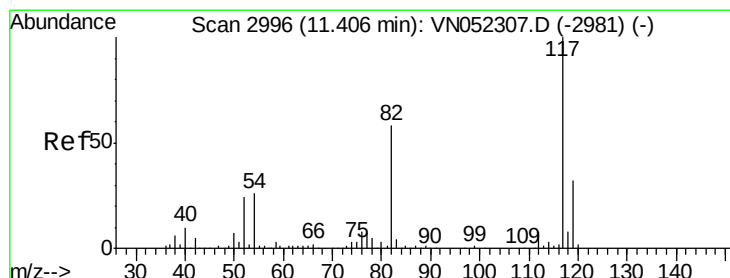
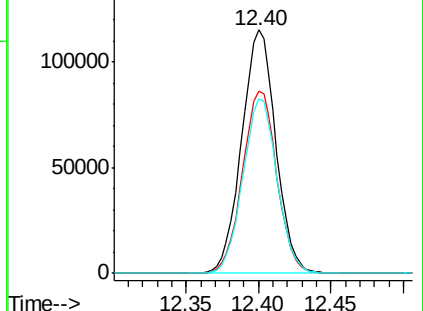
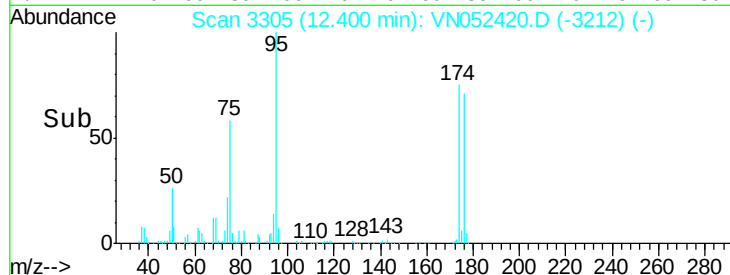
176 72.1 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052420.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052420.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052420.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052420.D

Acq: 20 Nov 2018 20:52

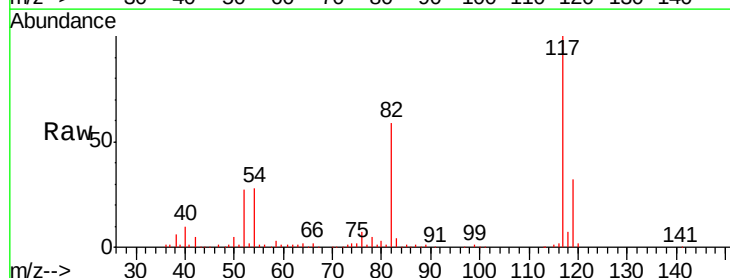
Tgt Ion: 117 Resp: 427659

Ion Ratio Lower Upper

117 100

82 58.5 46.5 69.7

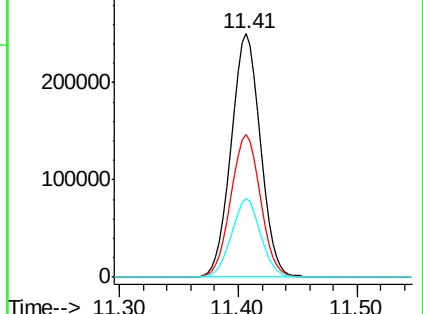
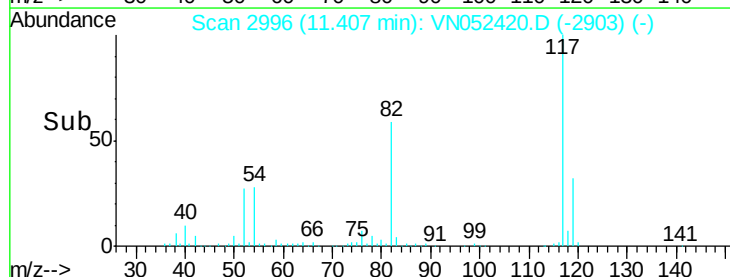
119 32.3 25.7 38.5

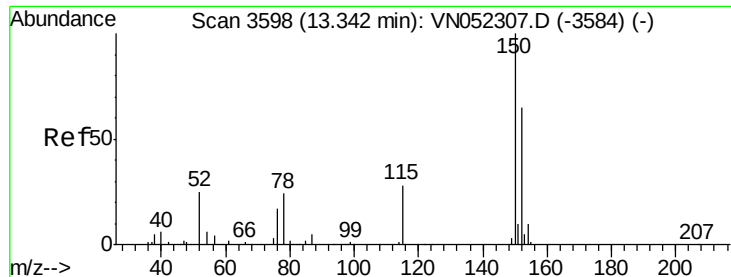


Abundance Ion 116.90 (116.60 to 117.60): VN052420.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052420.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052420.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052420.D

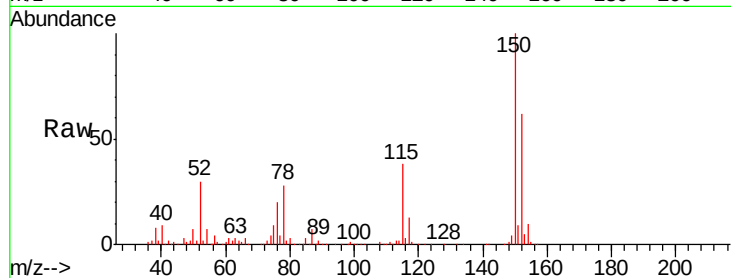
Acq: 20 Nov 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

SSSI-1114-S-TCLP-4



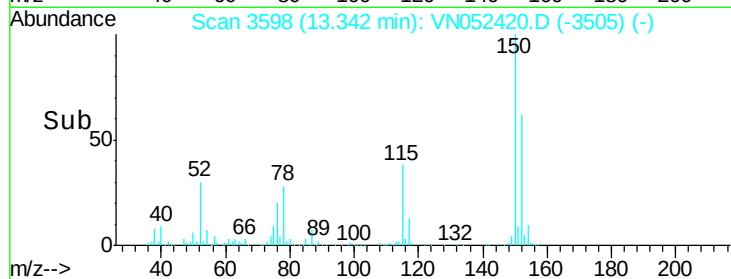
Tgt Ion:152 Resp: 150230

Ion Ratio Lower Upper

152 100

115 63.0 30.3 91.0

150 162.1 0.0 348.2



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

