

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055424.D
 Acq On : 6 May 2019 18:45
 Operator : JC/SP
 Sample : K2680-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-9

Quant Time: May 07 02:30:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

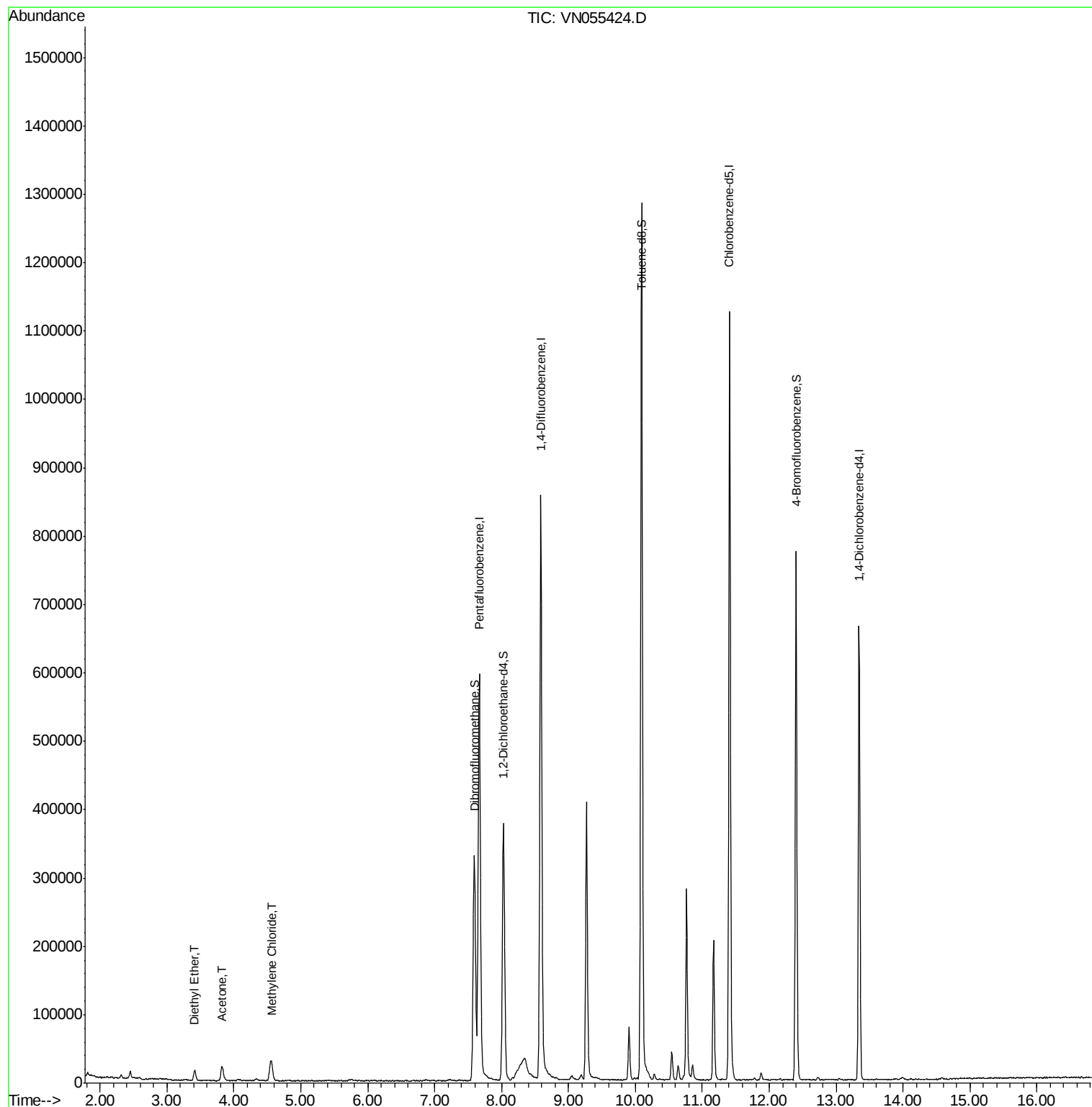
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	493677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	788265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	639661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	319072	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	7.59	113	246947	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	10.09	98	919031	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	267656	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
8) Diethyl Ether	3.41	74	7355	2.449	ug/l	86
16) Acetone	3.82	43	39337	19.548	ug/l	98
20) Methylene Chloride	4.56	84	20932	3.408	ug/l	95

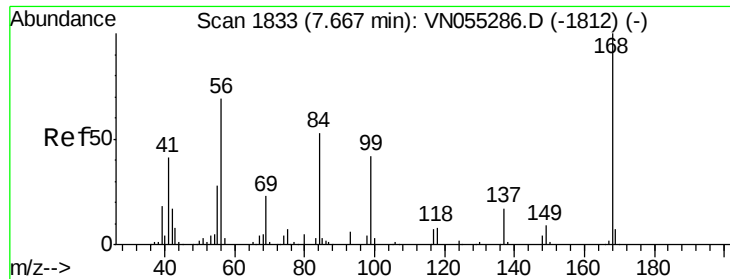
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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Quant Time: May 07 02:30:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
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: VN055424.D

Acq: 6 May 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

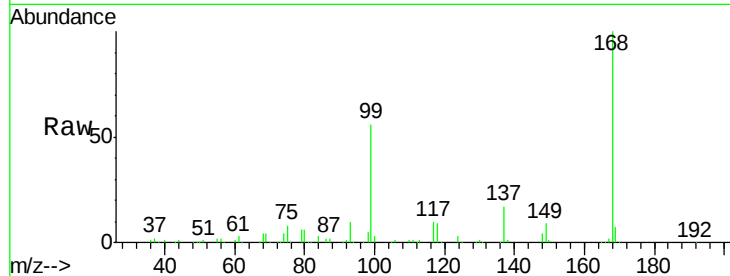
SSSI-0502-S-TCLP-9

Tot Ion:168 Resp: 493677

Ion Ratio Lower Upper

168 100

99 56.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

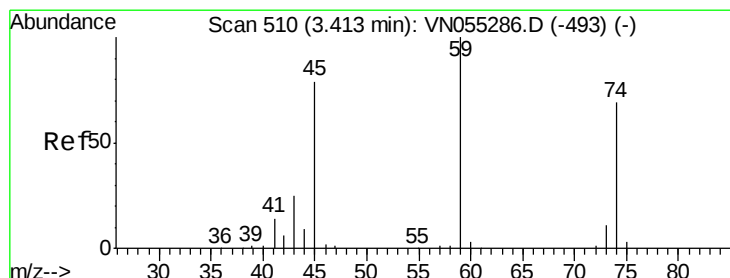
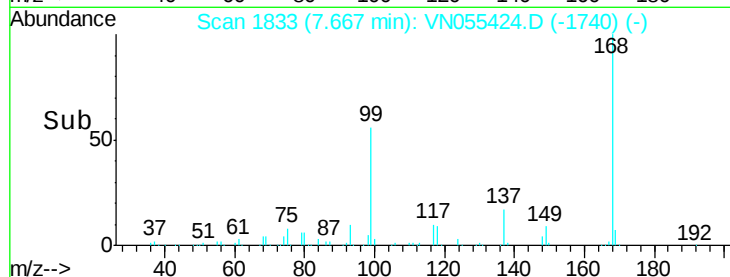
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.449 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN055424.D

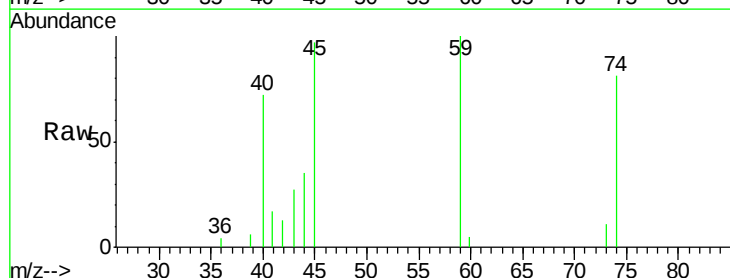
Acq: 6 May 2019 18:45

Tgt Ion: 74 Resp: 7355

Ion Ratio Lower Upper

74 100

45 133.1 58.9 176.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

4000

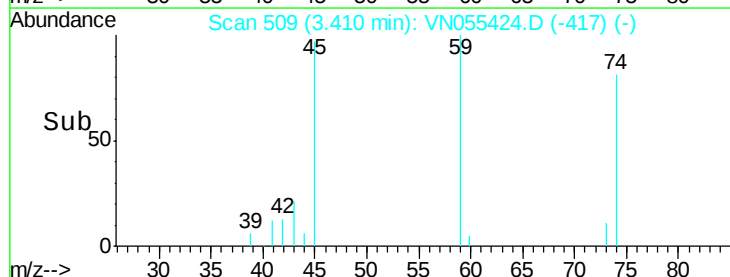
3000

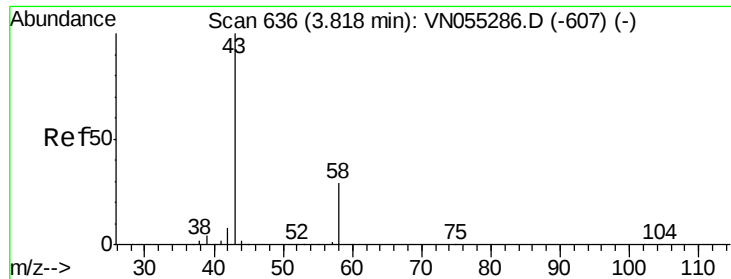
2000

1000

0

Time-->





#16

Acetone

Concen: 19.548 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055424.D

Acq: 6 May 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

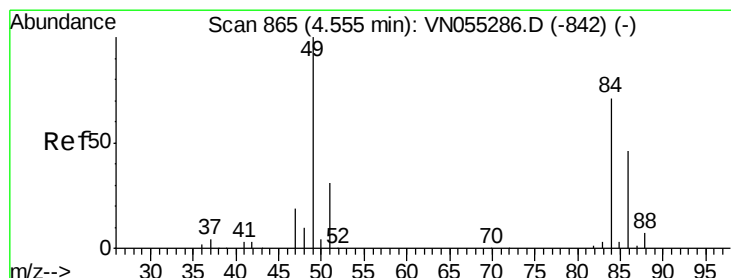
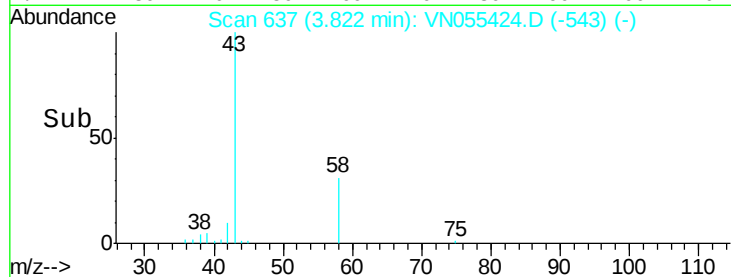
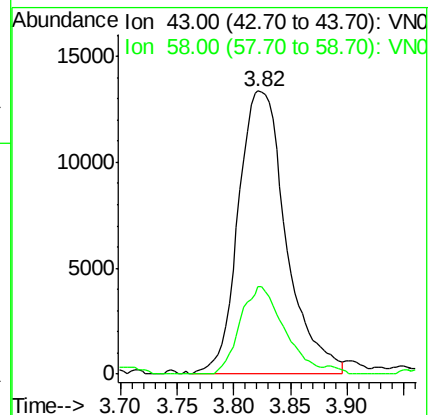
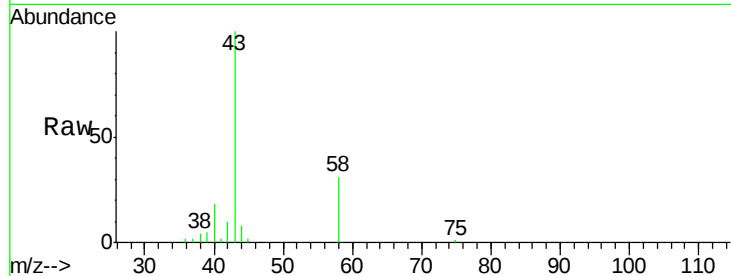
SSSI-0502-S-TCLP-9

Tot Ion: 43 Resp: 39337

Ion Ratio Lower Upper

43 100

58 30.8 23.6 35.4



#20

Methylene Chloride

Concen: 3.408 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN055424.D

Acq: 6 May 2019 18:45

Tgt Ion: 84 Resp: 20932

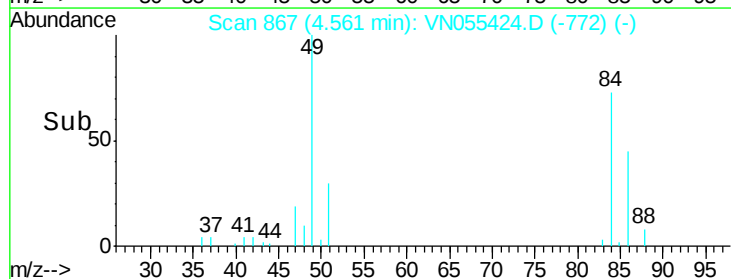
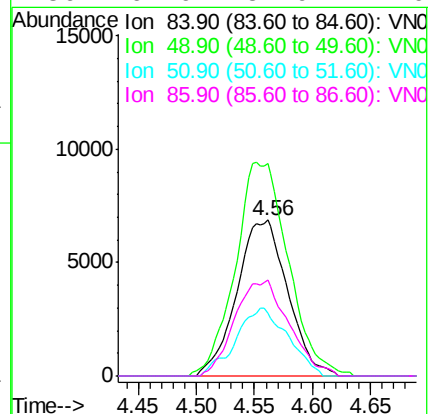
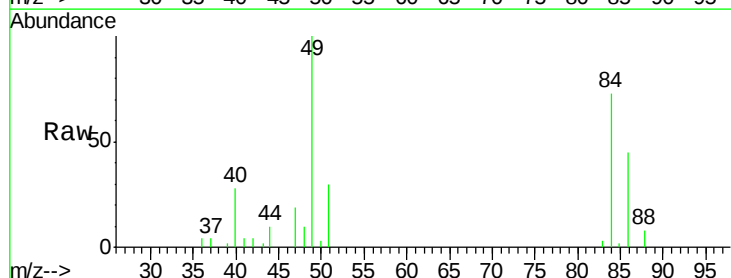
Ion Ratio Lower Upper

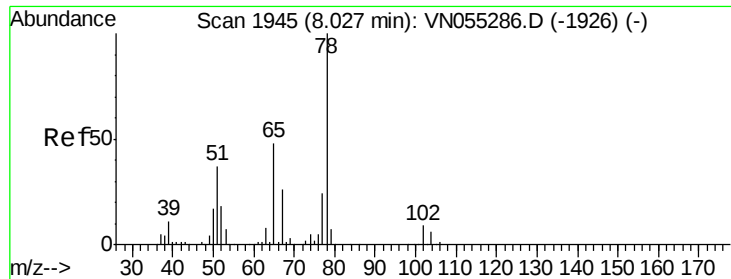
84 100

49 134.1 112.4 168.6

51 40.7 34.6 51.8

86 61.9 51.9 77.9

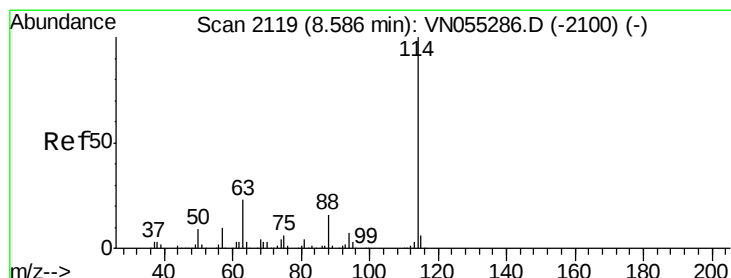
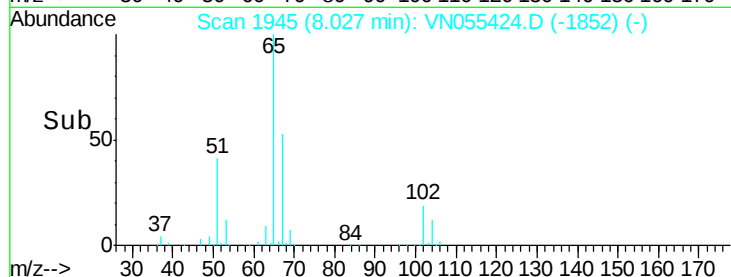
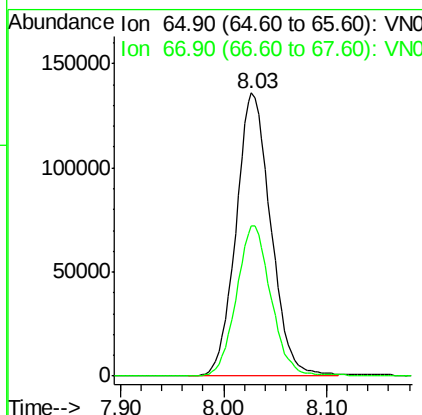
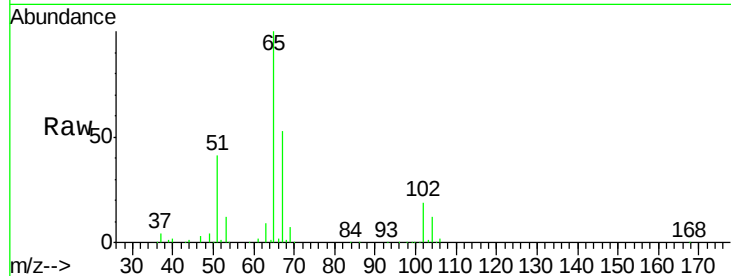




#33
 1,2-Dichloroethane-d4
 Concen: 49.404 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055424.D
 Acq: 6 May 2019 18:45

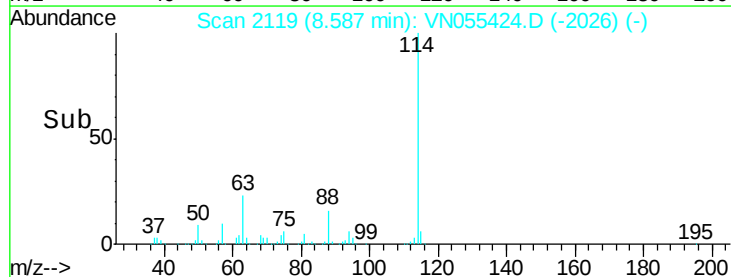
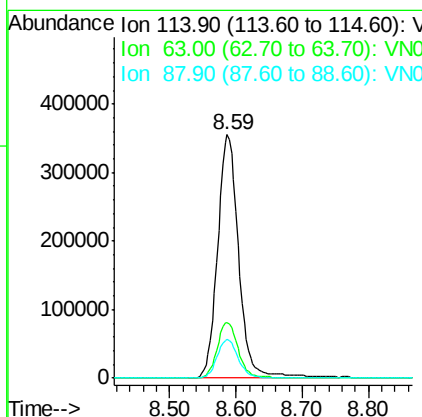
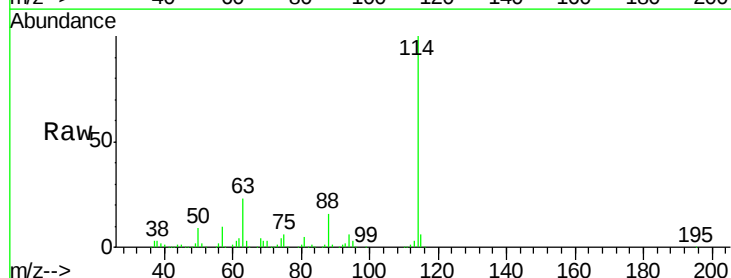
Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-9

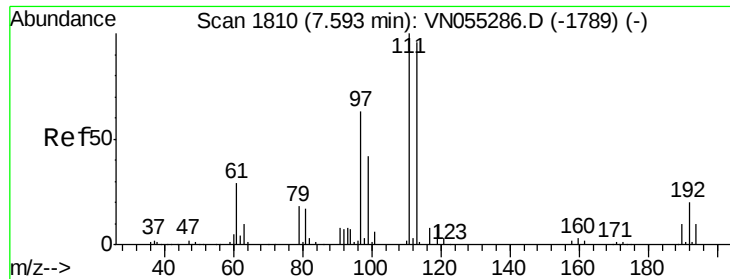
Tot Ion: 65 Resp: 319072
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055424.D
 Acq: 6 May 2019 18:45

Tgt Ion: 114 Resp: 788265
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 15.9 0.0 31.6

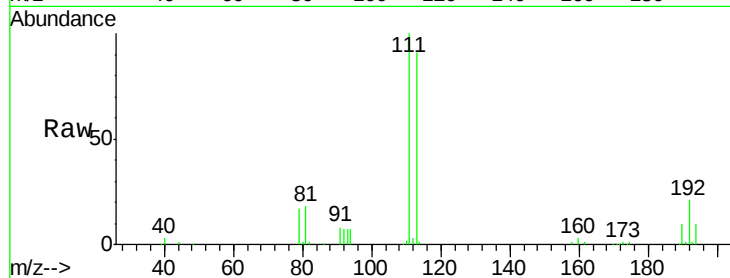




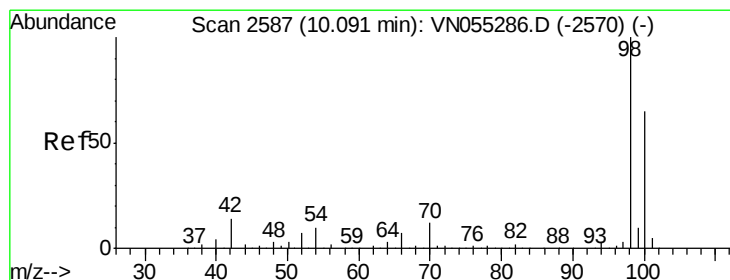
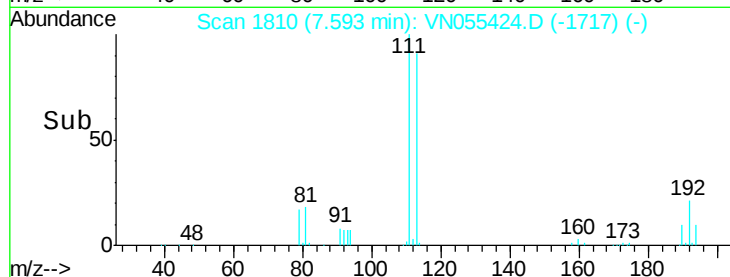
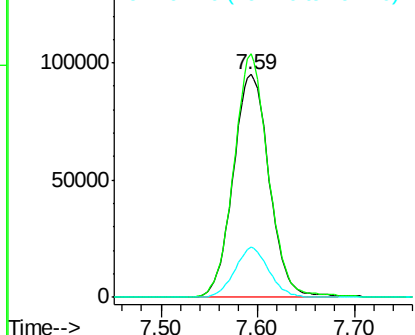
#35
 Dibromofluoromethane
 Concen: 47.729 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055424.D
 Acq: 6 May 2019 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-9

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.3	123.5
192	21.3	17.0	25.6

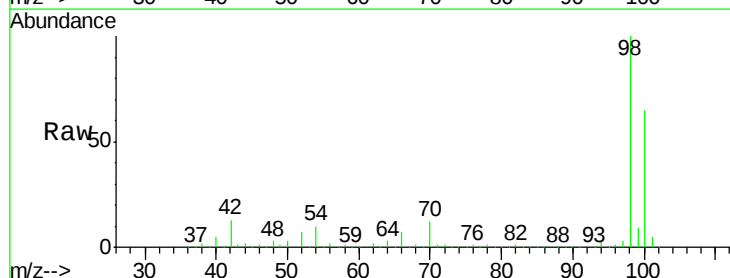


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

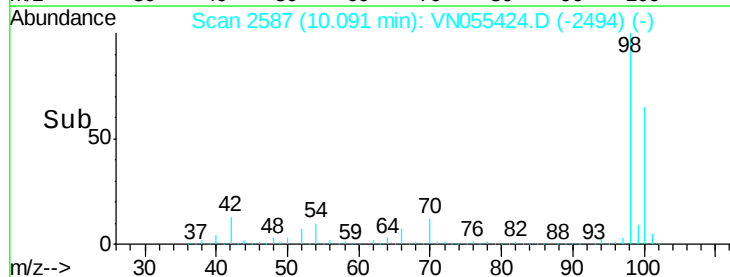
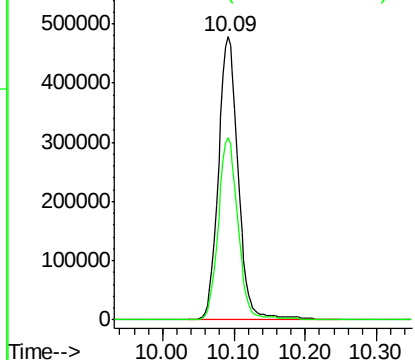


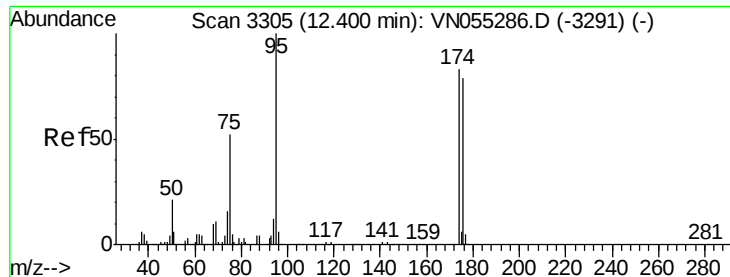
#50
 Toluene-d8
 Concen: 49.192 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055424.D
 Acq: 6 May 2019 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5



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





#62

4-Bromofluorobenzene

Concen: 45.840 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055424.D

Acq: 6 May 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-9

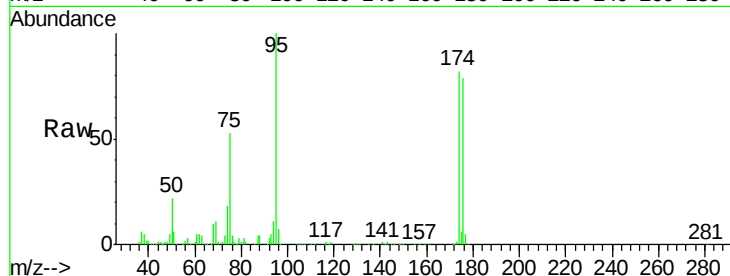
Tot Ion: 95 Resp: 267656

Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.6

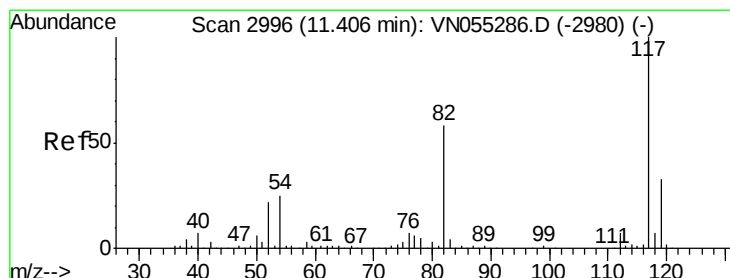
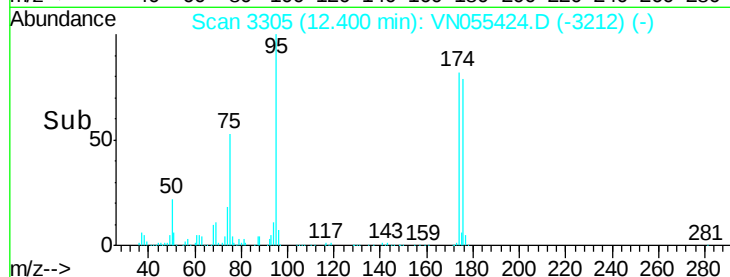
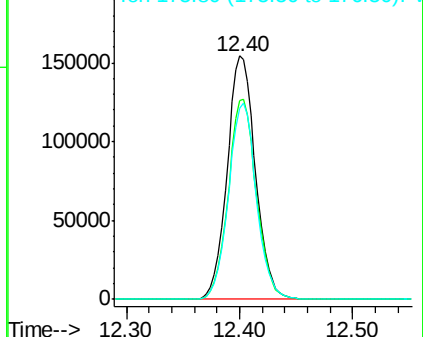
176 79.5 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055424.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055424.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055424.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055424.D

Acq: 6 May 2019 18:45

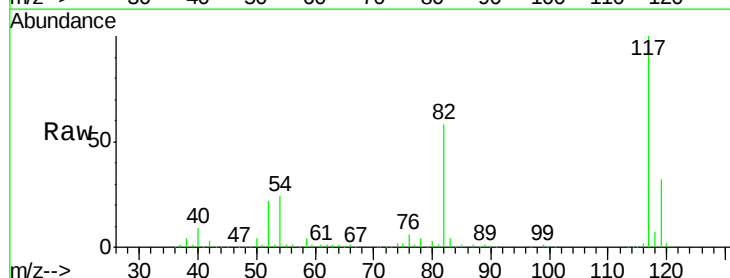
Tgt Ion: 117 Resp: 639661

Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

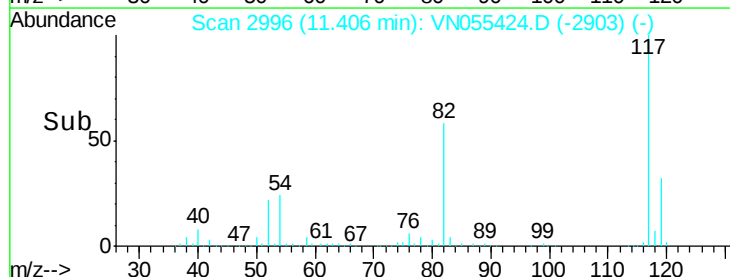
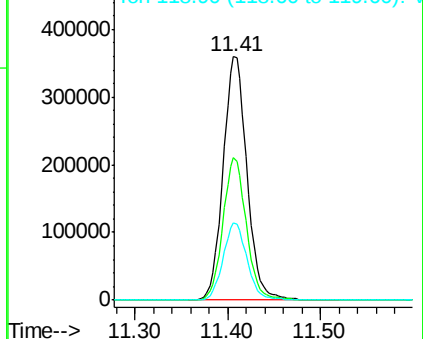
119 31.7 26.6 40.0

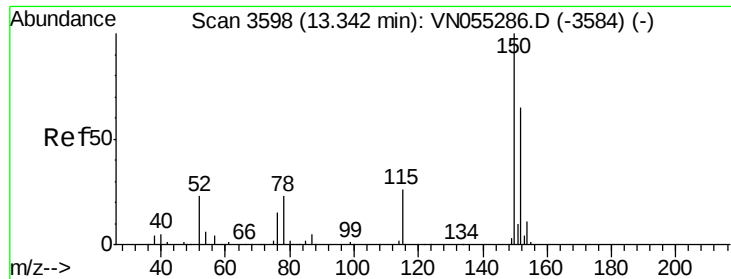


Abundance Ion 116.90 (116.60 to 117.60): VN055424.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055424.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055424.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055424.D

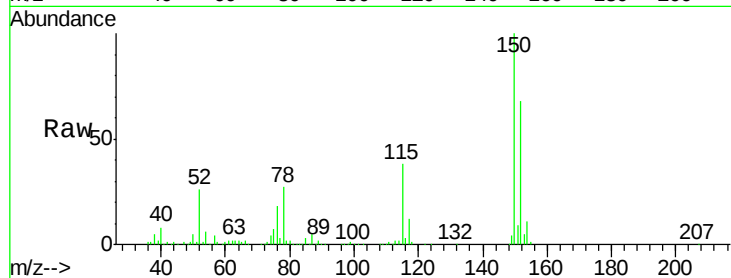
Acq: 6 May 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-9



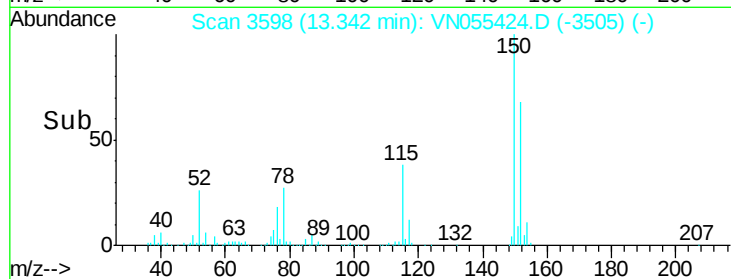
Tot Ion:152 Resp: 179823

Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 153.6 0.0 345.6



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

