

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007095.D
 Acq On : 17 Jan 2019 18:03
 Operator : JC/SP
 Sample : K1159-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0115-S-TCLP-7

Quant Time: Jan 18 06:34:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

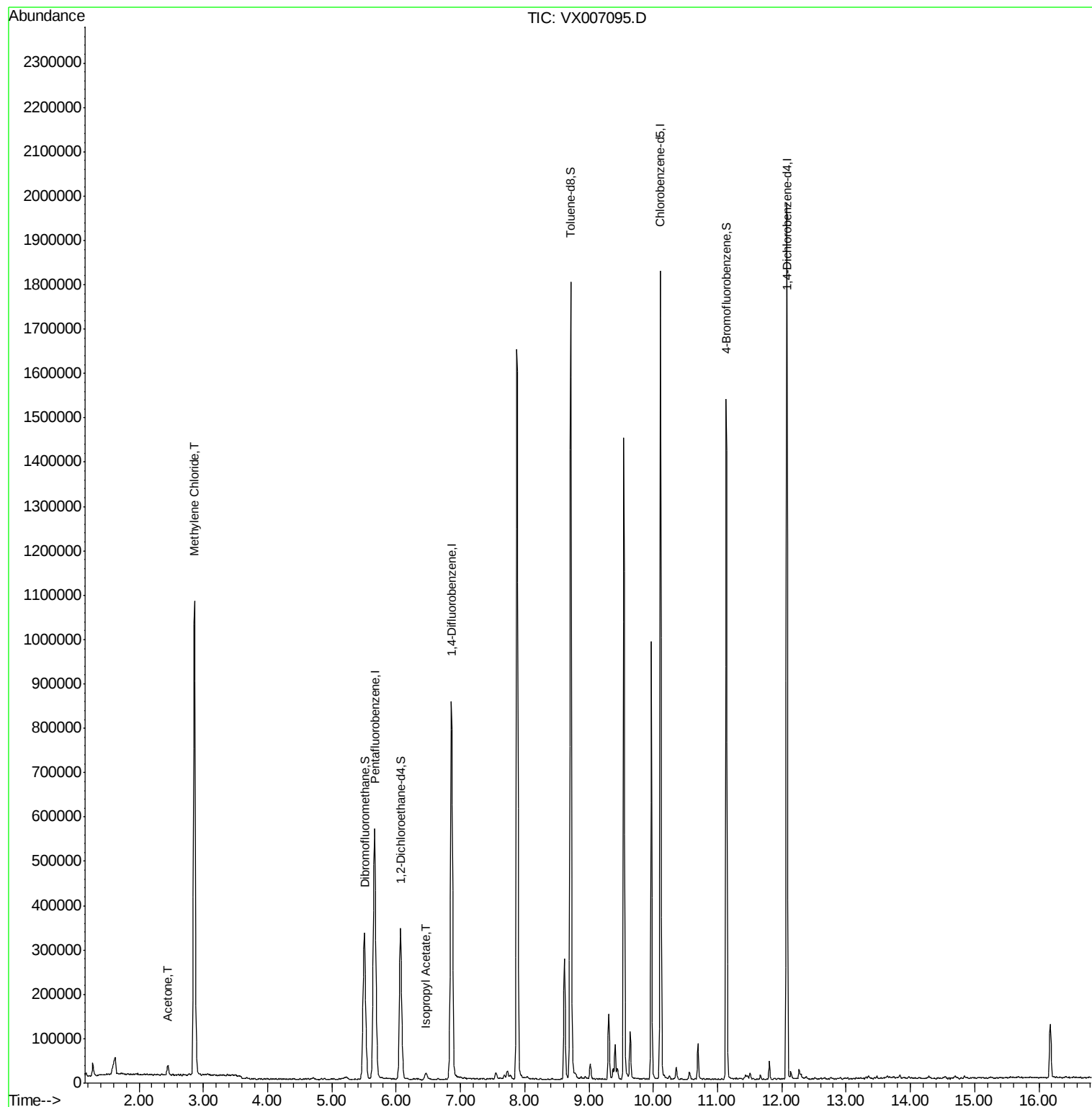
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	583015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	907474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	863784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	421053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	311915	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	5.51	113	277607	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	8.71	98	1092784	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.13	95	389859	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
Target Compounds						
16) Acetone	2.45	43	25596	8.497	ug/l	94
20) Methylene Chloride	2.86	84	511491	89.728	ug/l	97
43) Isopropyl Acetate	6.46	43	19485	1.460	ug/l	99

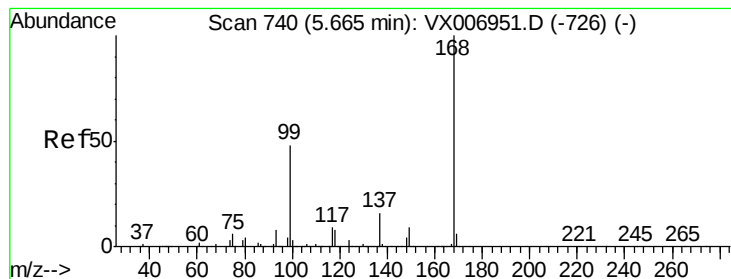
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007095.D

Acq: 17 Jan 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

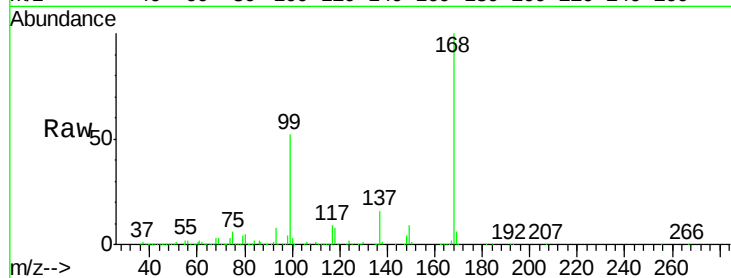
SSSI-0115-S-TCLP-7

Tot Ion:168 Resp: 583015

Ion Ratio Lower Upper

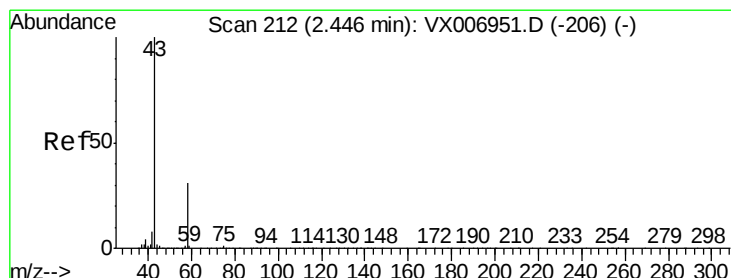
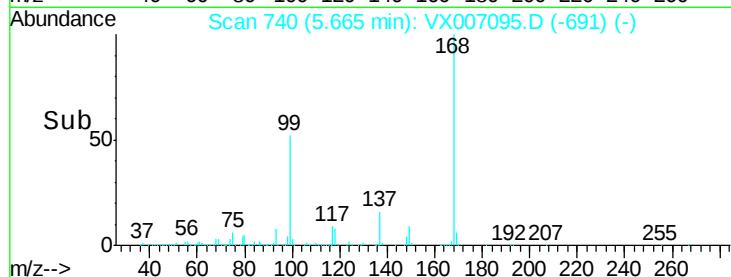
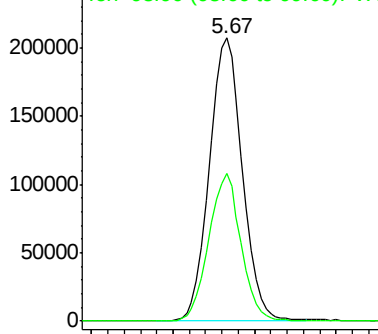
168 100

99 51.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.497 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007095.D

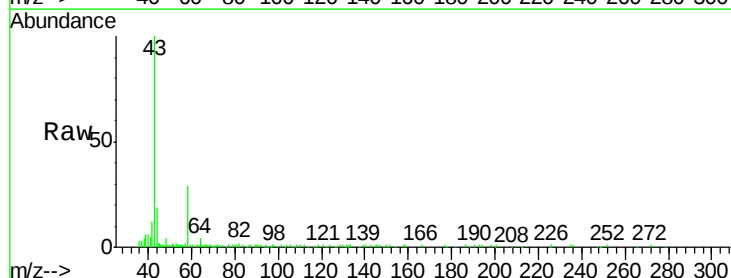
Acq: 17 Jan 2019 18:03

Tgt Ion: 43 Resp: 25596

Ion Ratio Lower Upper

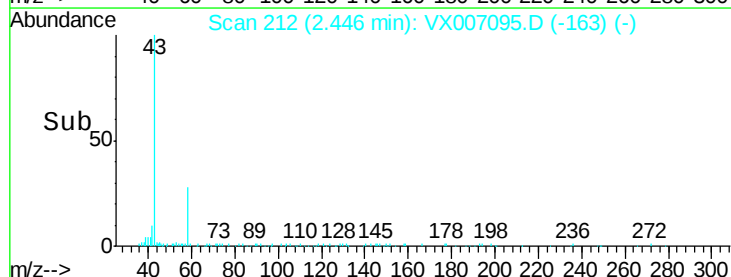
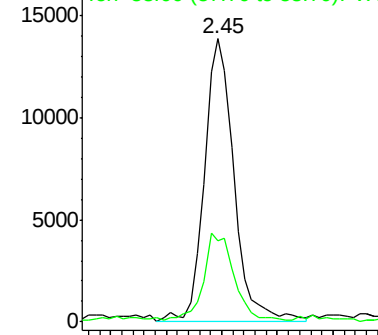
43 100

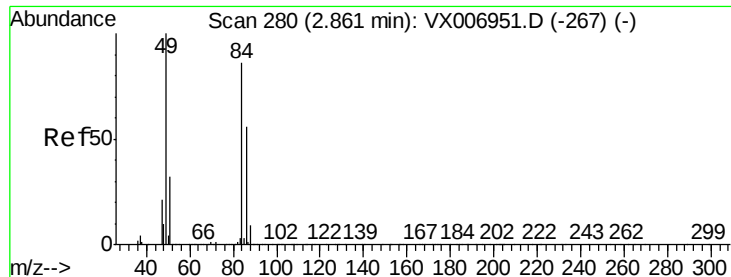
58 27.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 89.728 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007095.D

Acq: 17 Jan 2019 18:03

Instrument :

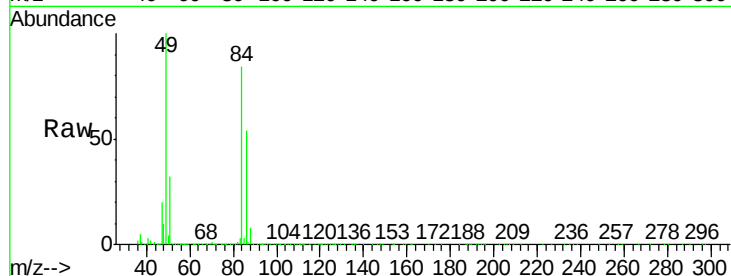
MSVOA_X

ClientSampleId :

SSSI-0115-S-TCLP-7

Tot Ion: 84 Resp: 511491

Ion	Ratio	Lower	Upper
84	100		
49	118.5	91.8	137.6
51	37.4	28.5	42.7
86	63.8	50.2	75.2

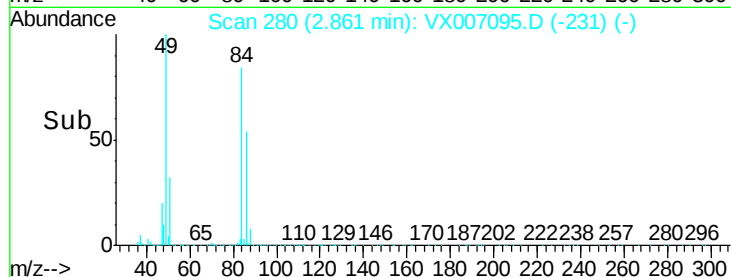


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->

2.86

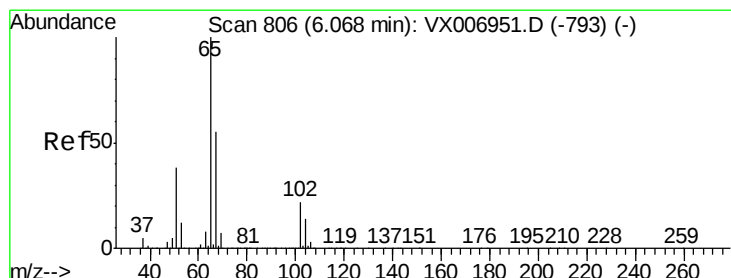
300000

200000

100000

0

2.80 2.90 3.00



#33

1,2-Dichloroethane-d4

Concen: 51.192 ug/l

RT: 6.07 min Scan# 806

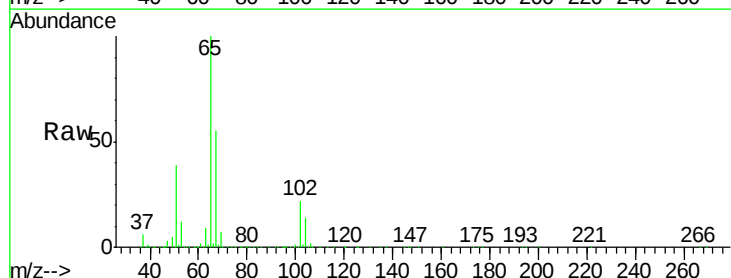
Delta R.T. 0.00 min

Lab File: VX007095.D

Acq: 17 Jan 2019 18:03

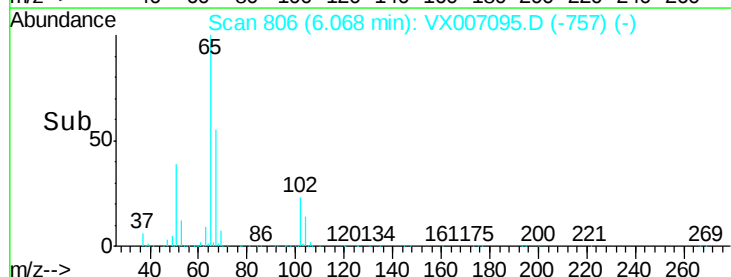
Tgt Ion: 65 Resp: 311915

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->

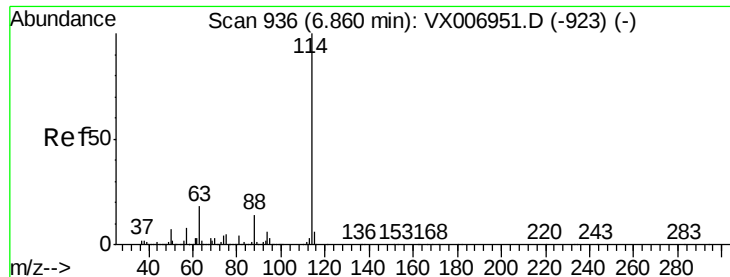
6.07

100000

50000

0

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007095.D

Acq: 17 Jan 2019 18:03

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0115-S-TCLP-7

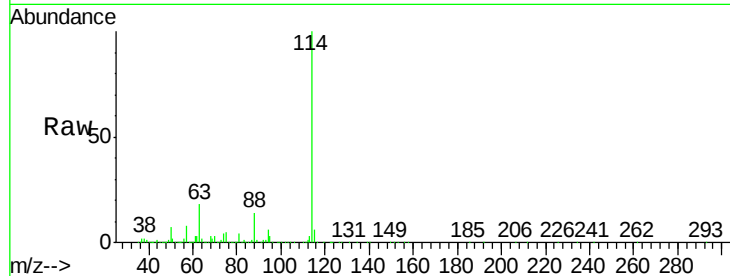
Tot Ion:114 Resp: 907474

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

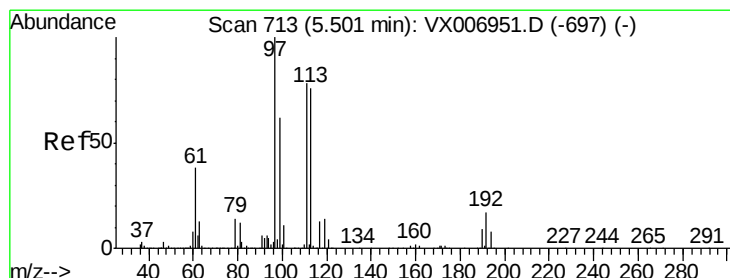
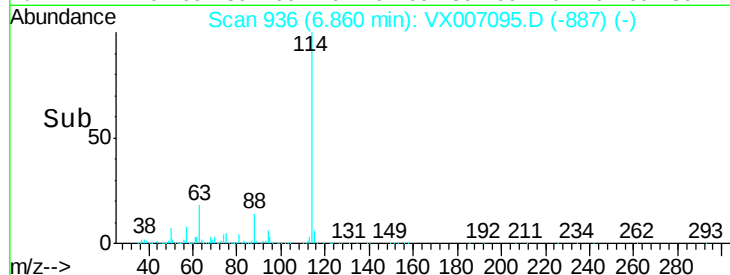
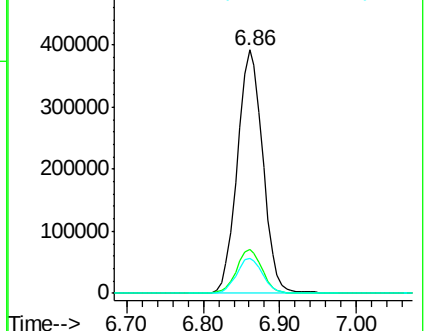
88 14.2 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.769 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007095.D

Acq: 17 Jan 2019 18:03

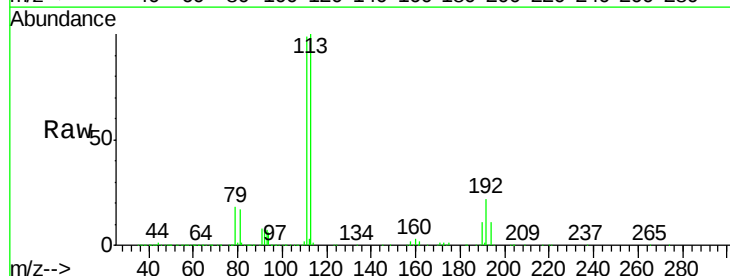
Tgt Ion:113 Resp: 277607

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

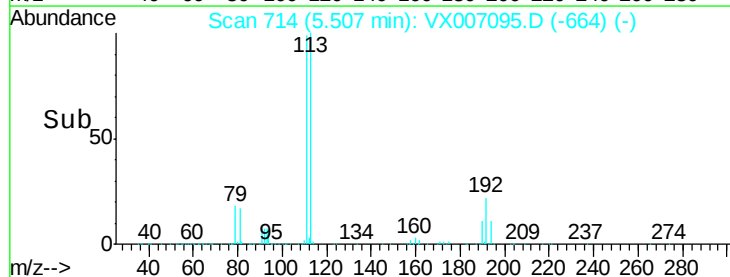
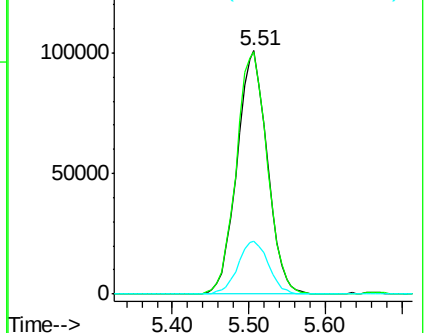
192 22.0 16.7 25.1

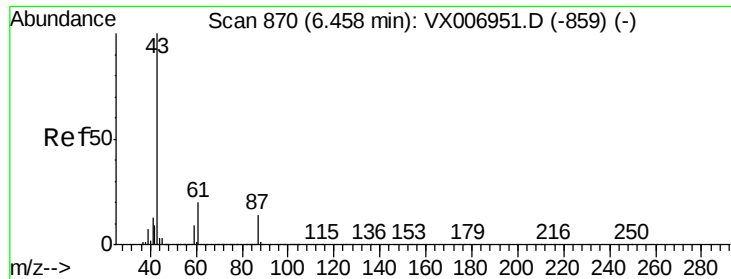


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

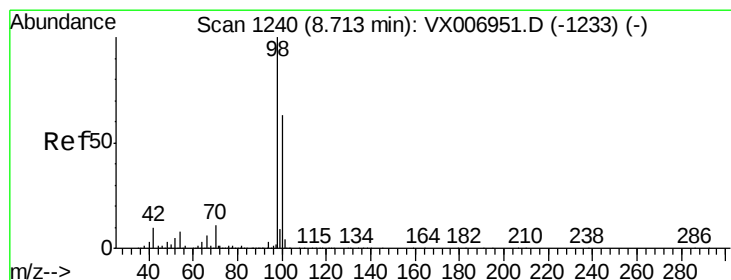
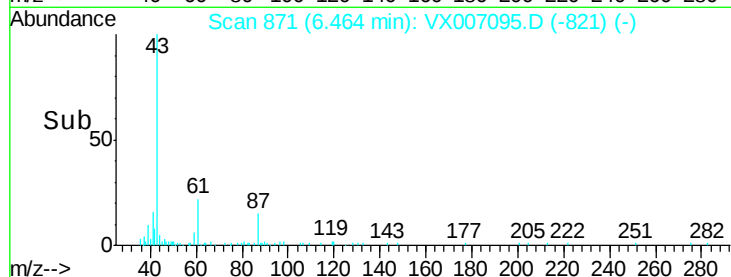
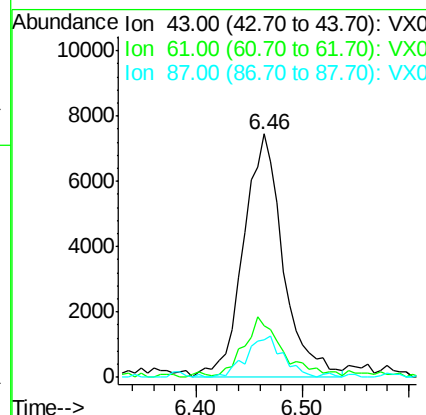
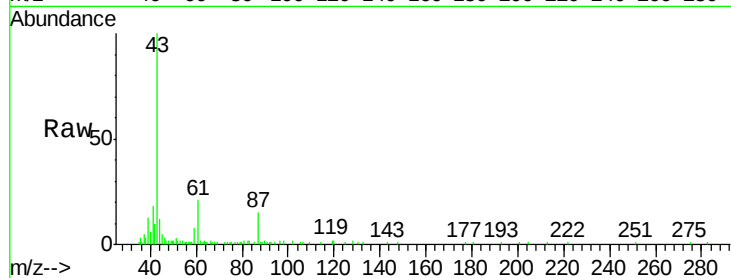




#43
Isopropyl Acetate
Concen: 1.460 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007095.D
Acq: 17 Jan 2019 18:03

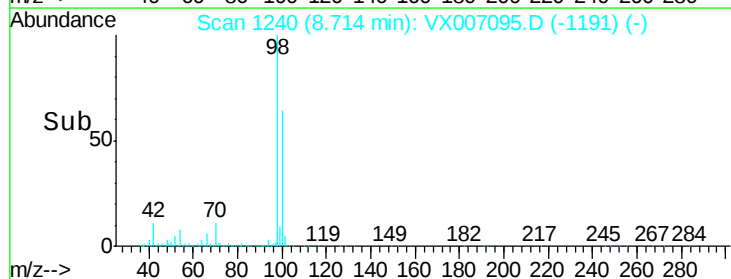
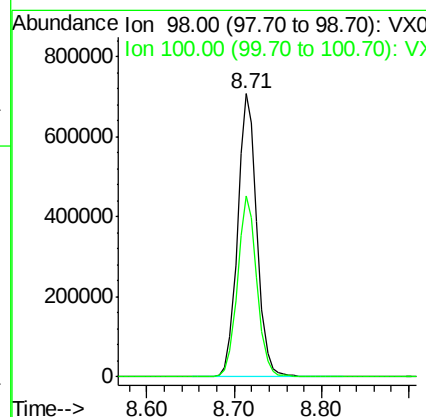
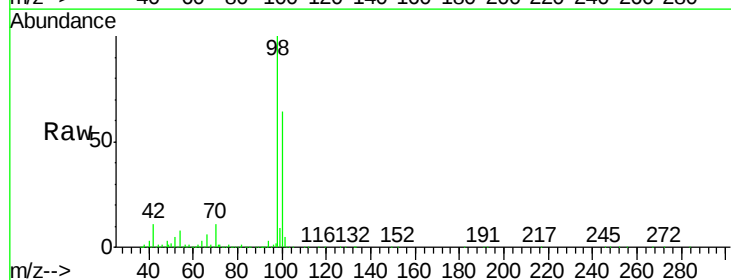
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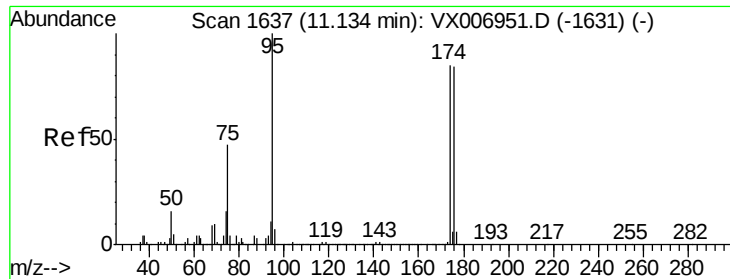
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.5	12.4	18.6



#50
Toluene-d8
Concen: 51.373 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007095.D
Acq: 17 Jan 2019 18:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0

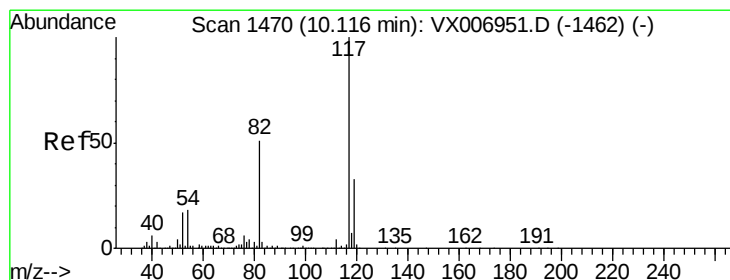
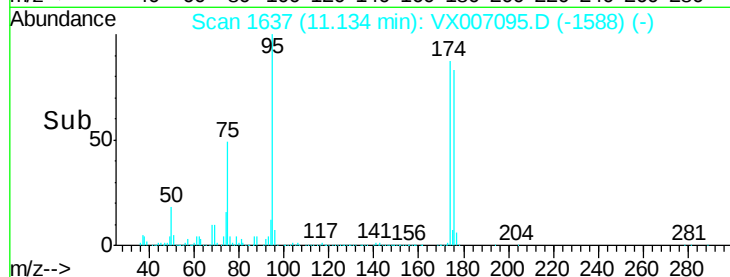
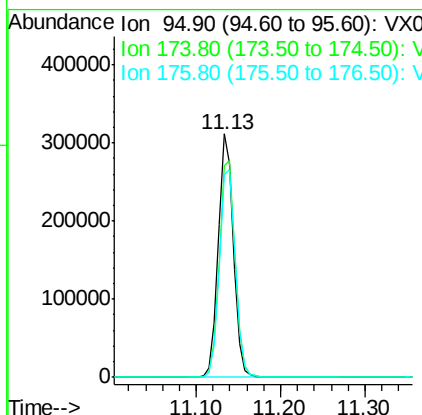
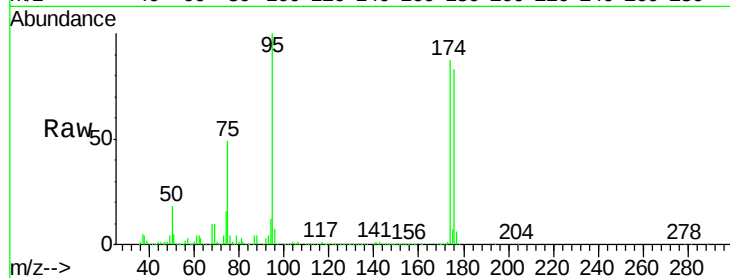




#62
4-Bromofluorobenzene
Concen: 52.572 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007095.D
Acq: 17 Jan 2019 18:03

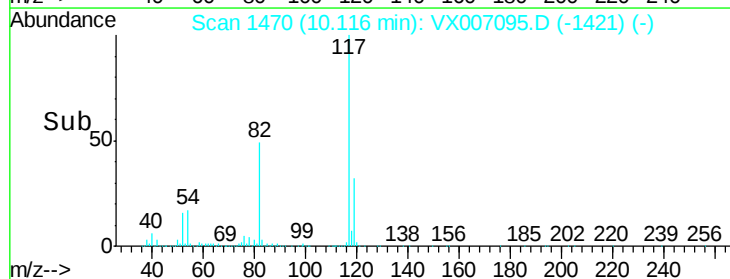
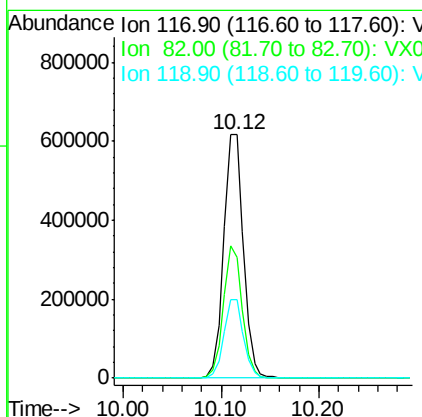
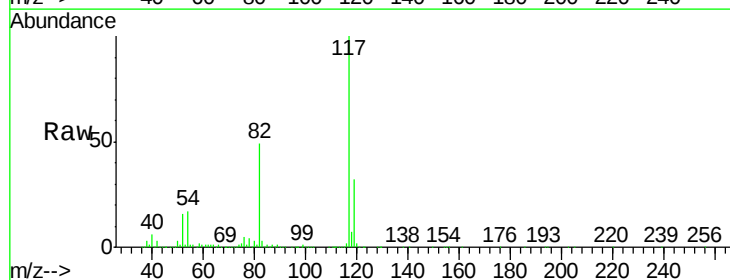
Instrument :
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SSSI-0115-S-TCLP-7

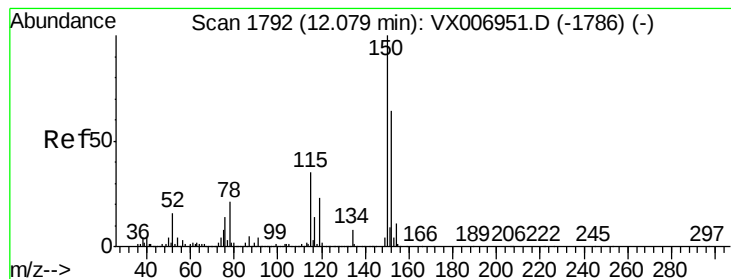
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	182.2
176	90.2	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007095.D
Acq: 17 Jan 2019 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.0	61.6
119	32.4	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007095.D

Acq: 17 Jan 2019 18:03

Instrument :

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ClientSampleId :

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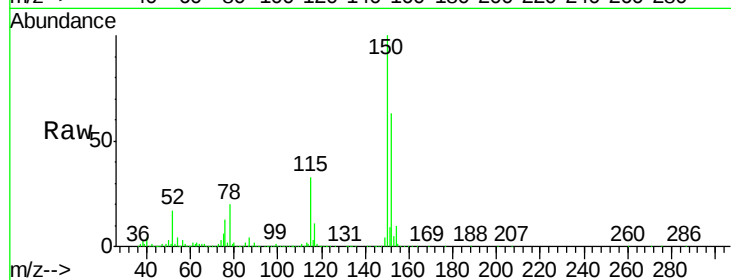
Tot Ion:152 Resp: 421053

Ion Ratio Lower Upper

152 100

115 55.4 39.1 117.2

150 157.4 0.0 344.8



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

