

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005056.D
 Acq On : 05 Oct 2018 08:57
 Operator : JC/MD
 Sample : J5237-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BSS-UST-1A

Quant Time: Oct 05 11:49:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

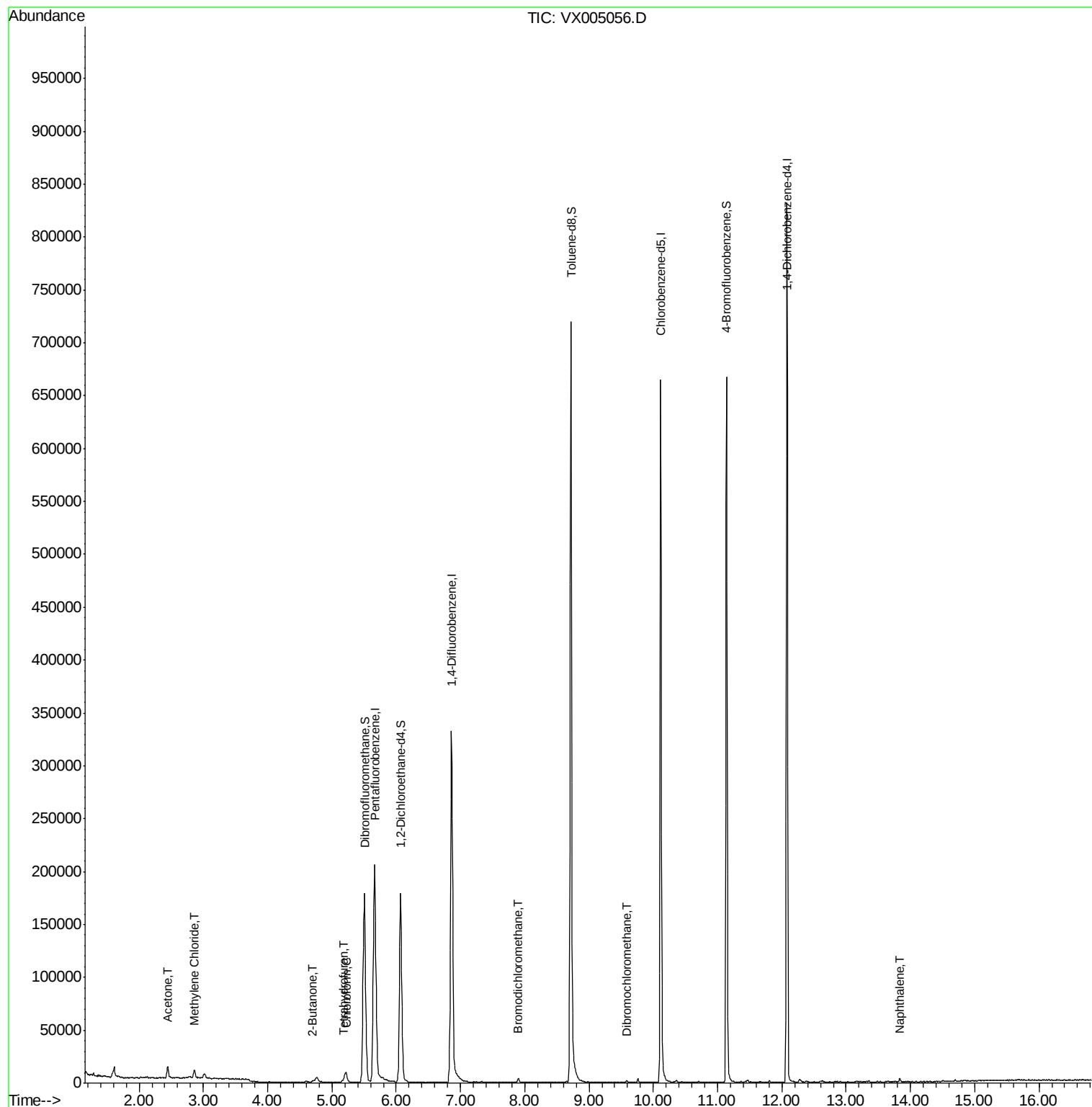
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168411	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	5.51	113	143679	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	8.72	98	473624	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.14	95	168877	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	11649	6.597	ug/l #	85
20) Methylene Chloride	2.86	84	3460	0.517	ug/l	99
25) 2-Butanone	4.70	43	2794	1.073	ug/l #	89
29) Tetrahydrofuran	5.17	42	1627	1.006	ug/l #	88
30) Chloroform	5.22	83	11069	2.329	ug/l #	80
47) Bromodichloromethane	7.90	83	2309	0.662	ug/l	98
60) Dibromochloromethane	9.59	129	663	0.228	ug/l	93
95) Naphthalene	13.83	128	2056	0.860	ug/l #	95

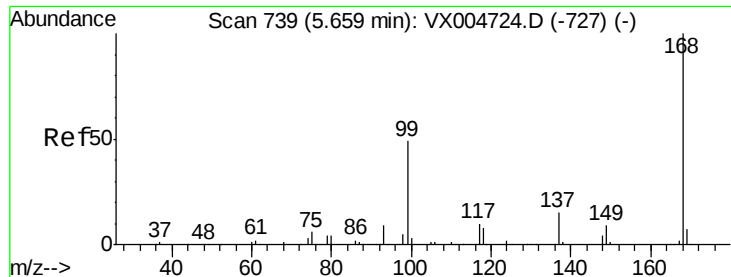
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005056.D
Acq On : 05 Oct 2018 08:57
Operator : JC/MD
Sample : J5237-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 94 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BSS-UST-1A

Quant Time: Oct 05 11:49:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

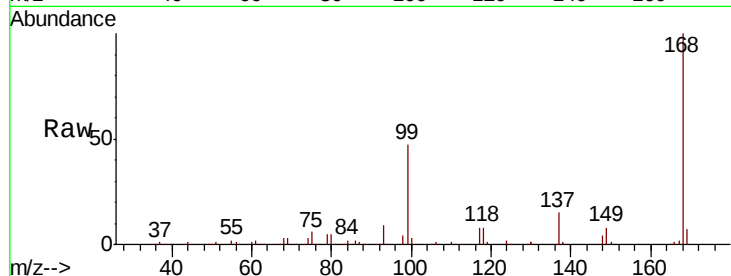
BSS-UST-1A

Tot Ion:168 Resp: 211721

Ion Ratio Lower Upper

168 100

99 47.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

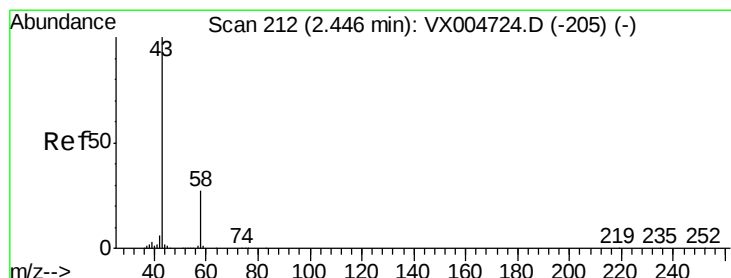
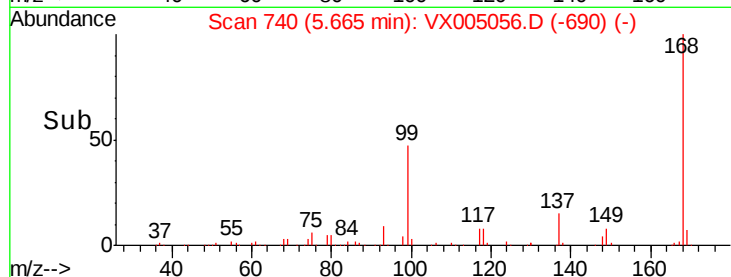
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.597 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005056.D

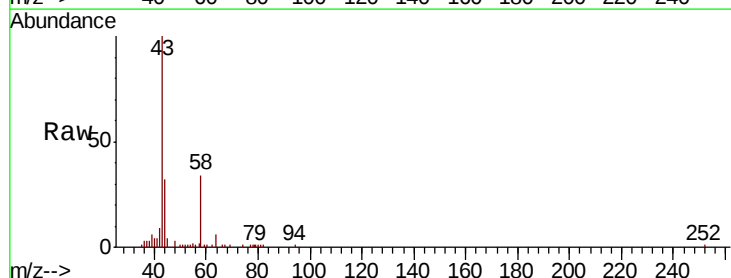
Acq: 05 Oct 2018 08:57

Tgt Ion: 43 Resp: 11649

Ion Ratio Lower Upper

43 100

58 34.8 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

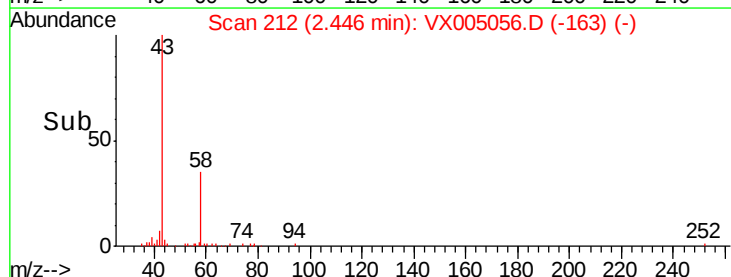
6000

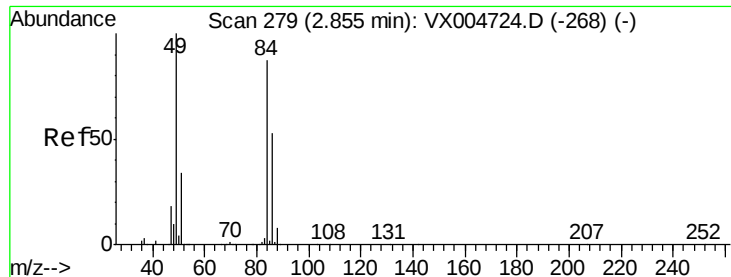
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

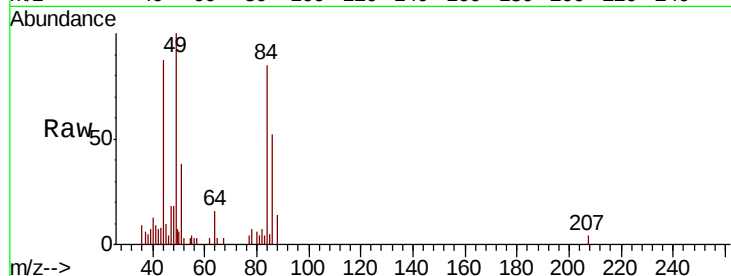




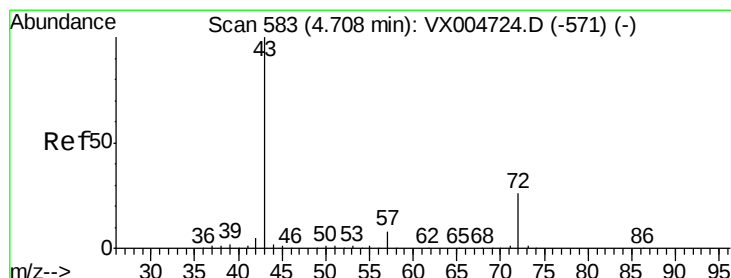
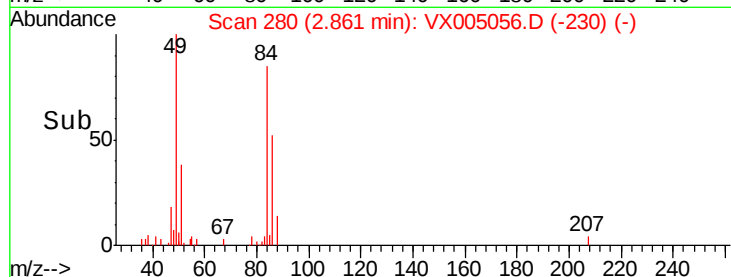
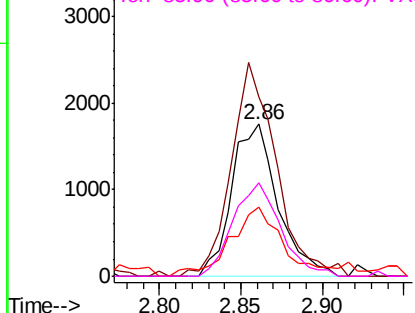
#20
Methylene Chloride
Concen: 0.517 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005056.D
Acq: 05 Oct 2018 08:57

Instrument :
MSVOA_X
ClientSampled :
BSS-UST-1A

Tot Ion:	84	Resp:	3460
Ion	Ratio	Lower	Upper
84	100		
49	113.9	92.3	138.5
51	40.4	31.8	47.6
86	61.4	48.5	72.7

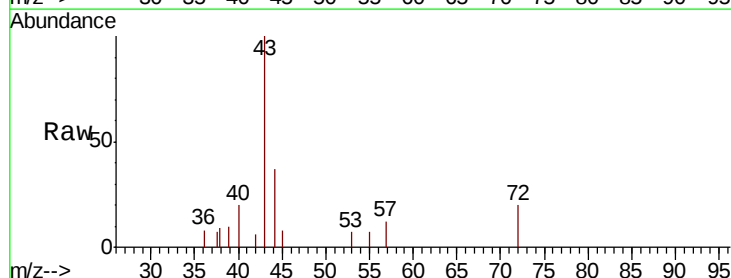


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

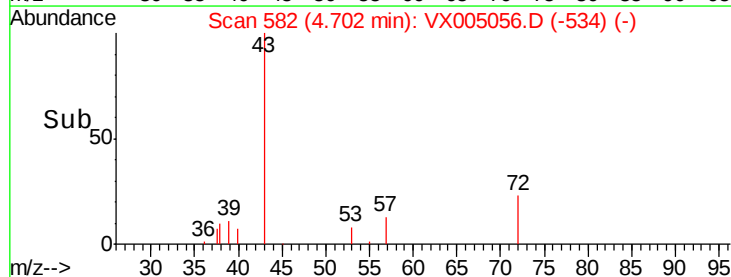
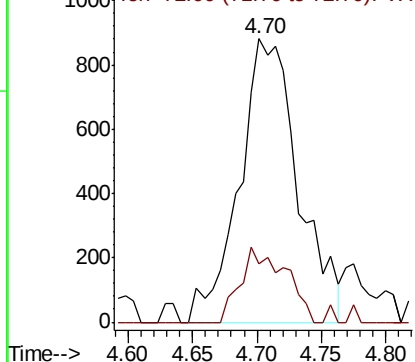


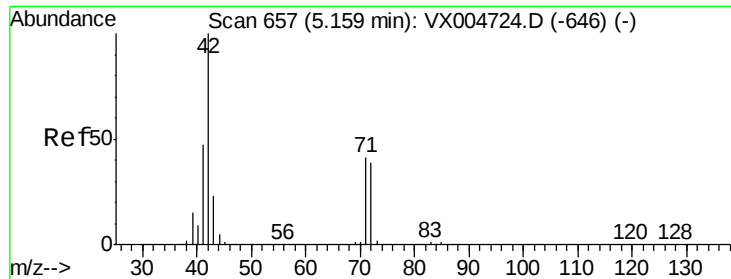
#25
2-Butanone
Concen: 1.073 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005056.D
Acq: 05 Oct 2018 08:57

Tgt Ion:	43	Resp:	2794
Ion	Ratio	Lower	Upper
43	100		
72	20.4	20.8	31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 1.006 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

BSS-UST-1A

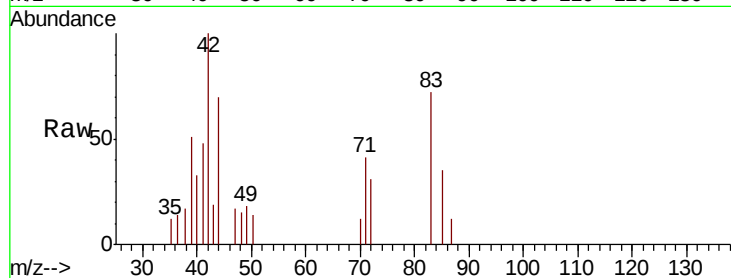
Tot Ion: 42 Resp: 1627

Ion Ratio Lower Upper

42 100

72 31.9 33.7 50.5#

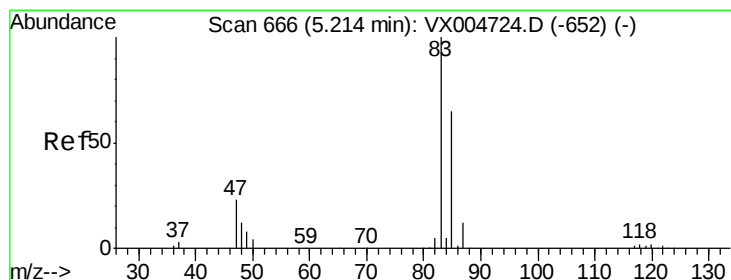
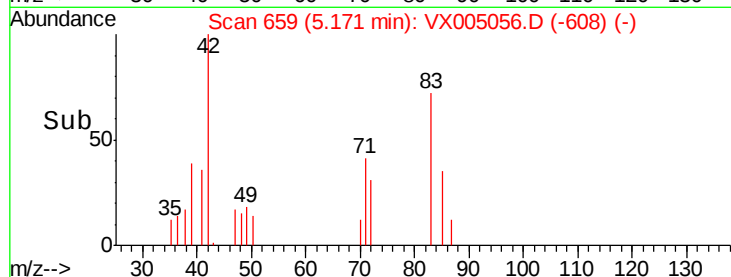
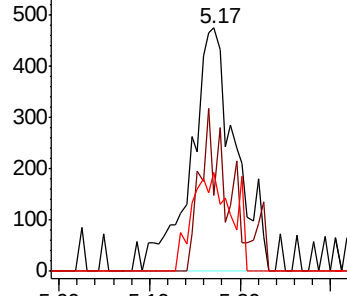
71 36.1 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 2.329 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005056.D

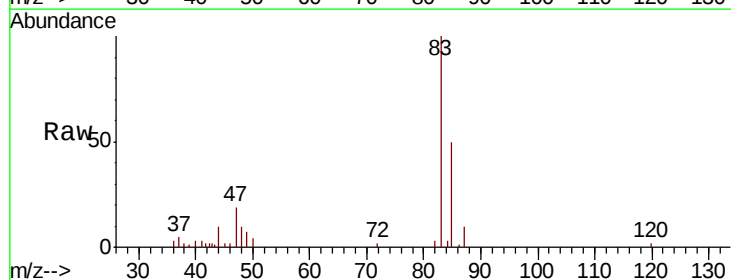
Acq: 05 Oct 2018 08:57

Tgt Ion: 83 Resp: 11069

Ion Ratio Lower Upper

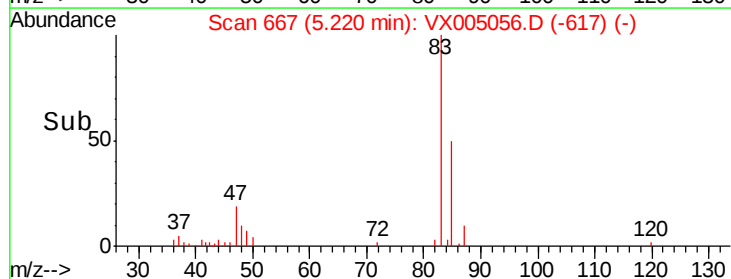
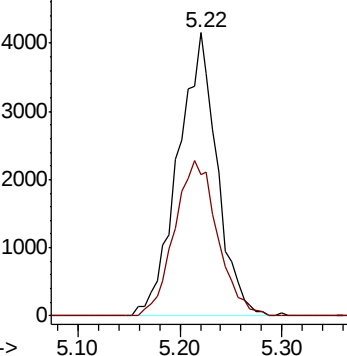
83 100

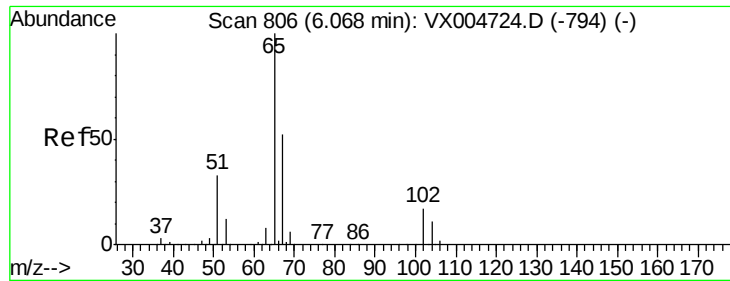
85 49.8 52.4 78.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.683 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

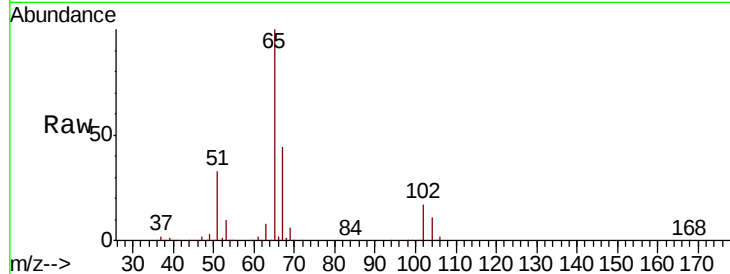
BSS-UST-1A

Tot Ion: 65 Resp: 168411

Ion Ratio Lower Upper

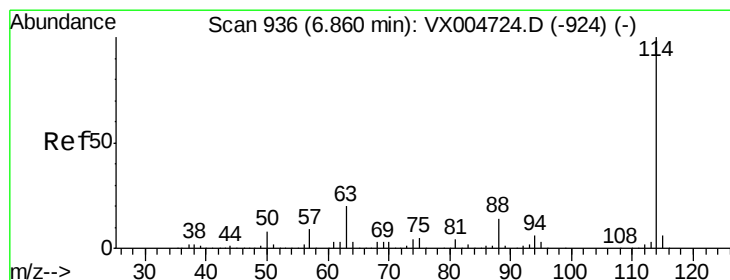
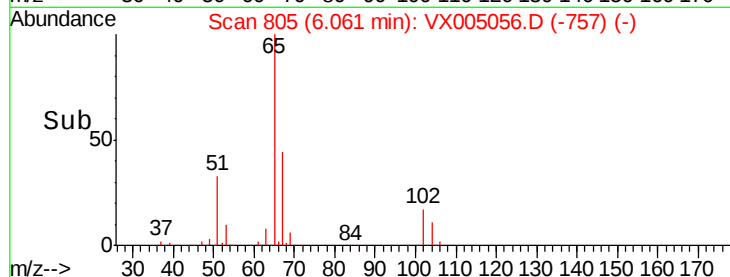
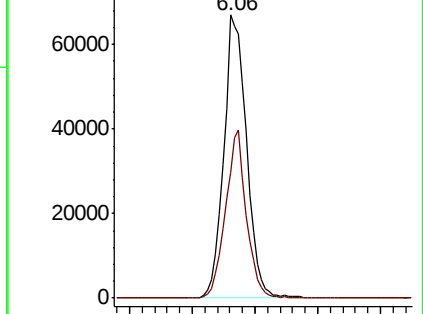
65 100

67 54.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

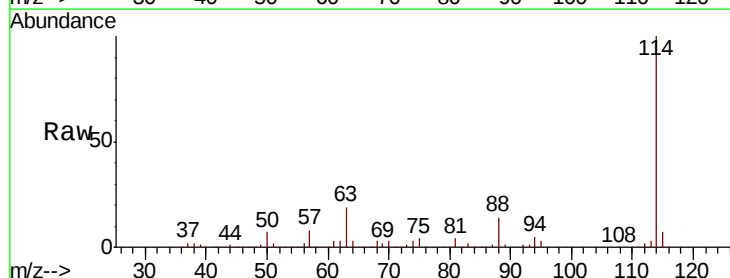
Tgt Ion: 114 Resp: 334020

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

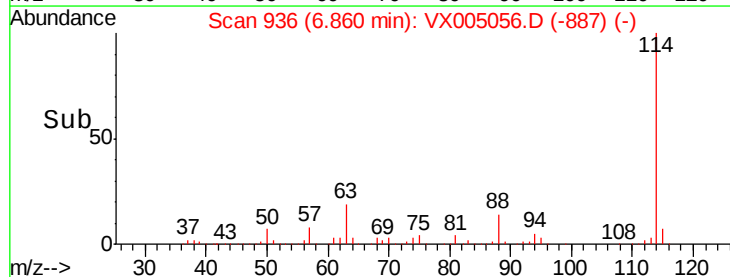
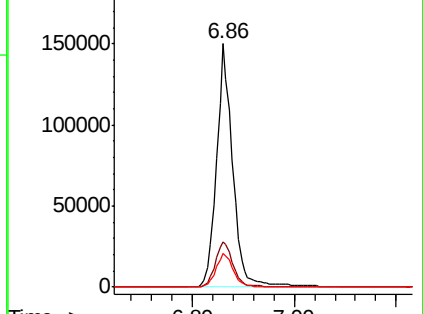
88 13.6 0.0 27.0

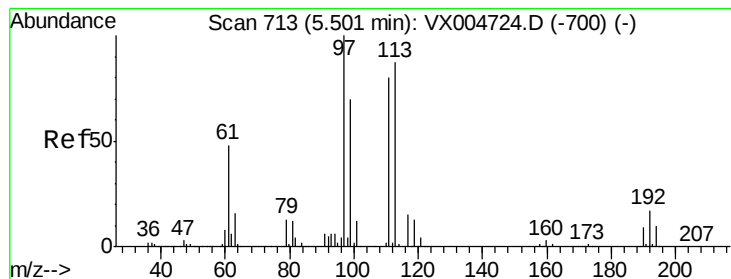


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.754 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

BSS-UST-1A

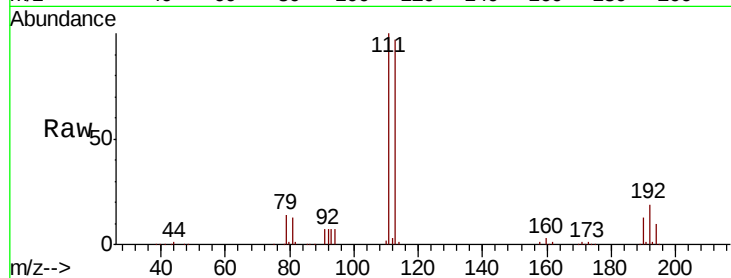
Tot Ion:113 Resp: 143679

Ion Ratio Lower Upper

113 100

111 104.8 77.0 115.4

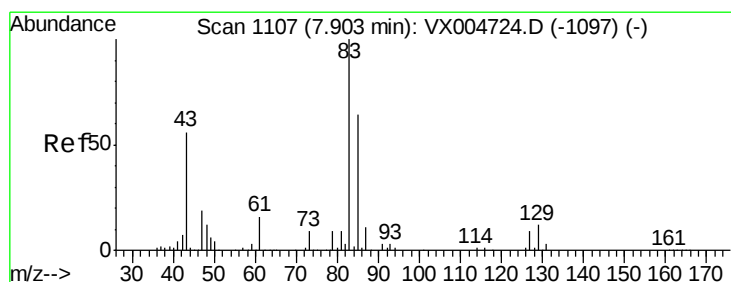
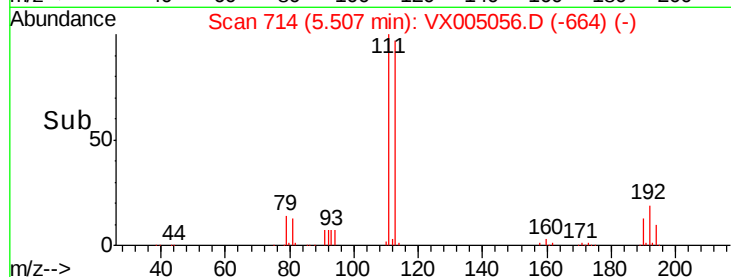
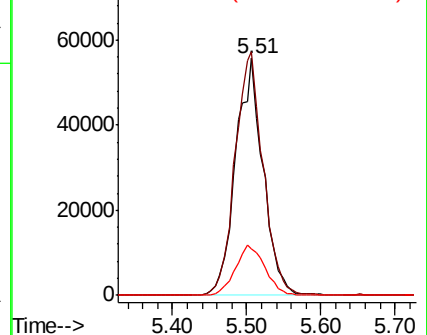
192 22.8 17.0 25.6



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



#47

Bromodichloromethane

Concen: 0.662 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

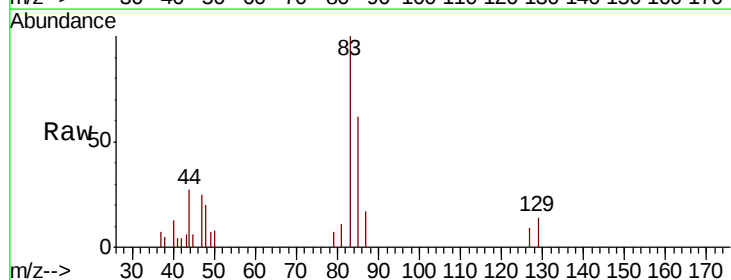
Tgt Ion: 83 Resp: 2309

Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8

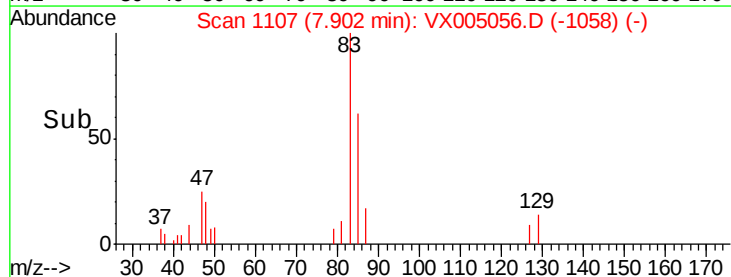
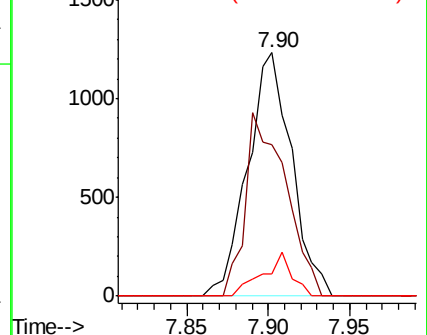
127 9.0 7.0 10.6

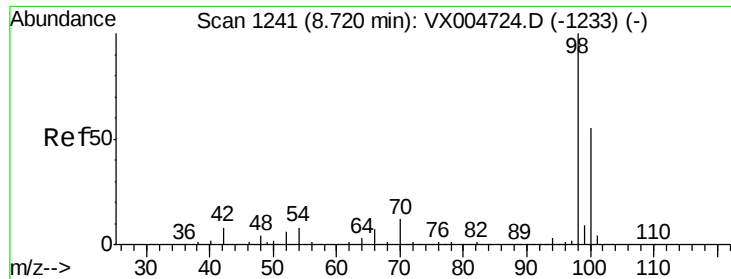


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 50.326 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

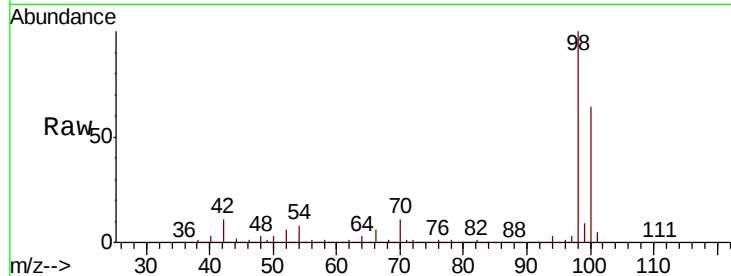
BSS-UST-1A

Tot Ion: 98 Resp: 473624

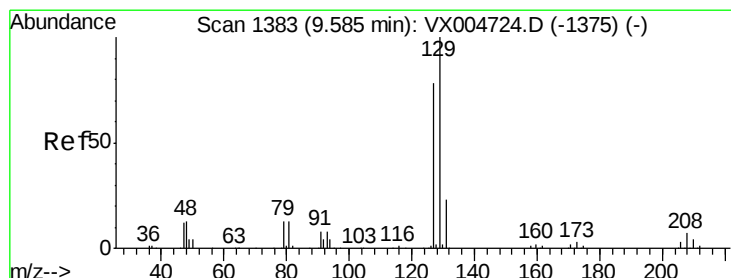
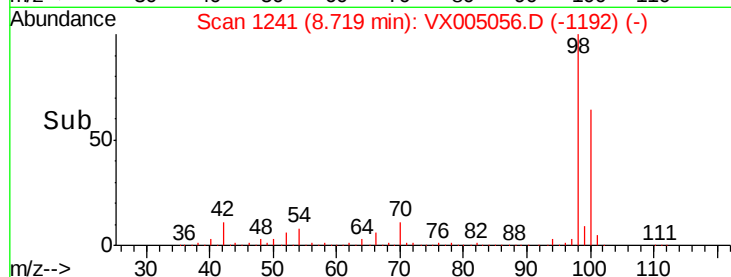
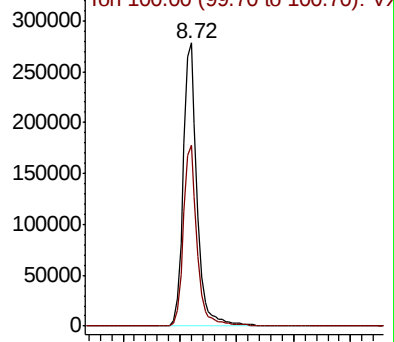
Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX004724.D (-1233) (-)



#60

Dibromochloromethane

Concen: 0.228 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005056.D

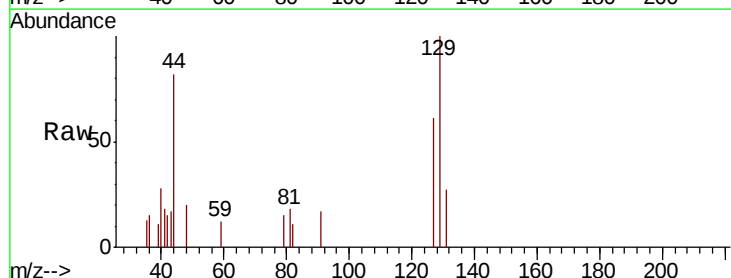
Acq: 05 Oct 2018 08:57

Tgt Ion: 129 Resp: 663

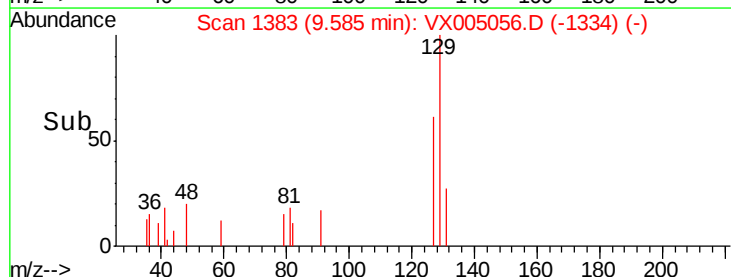
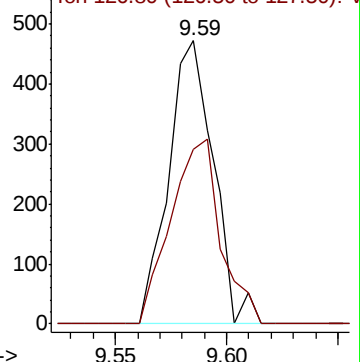
Ion Ratio Lower Upper

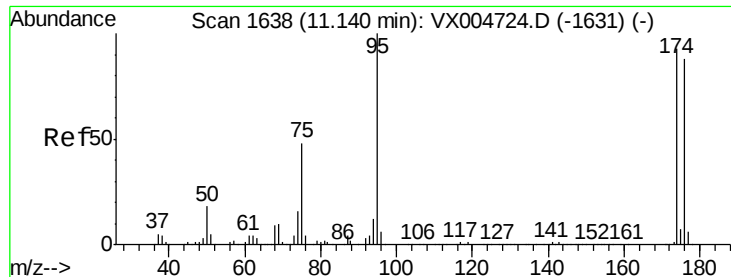
129 100

127 72.2 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VX004724.D (-1375) (-)





#62

4-Bromofluorobenzene

Concen: 49.810 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

BSS-UST-1A

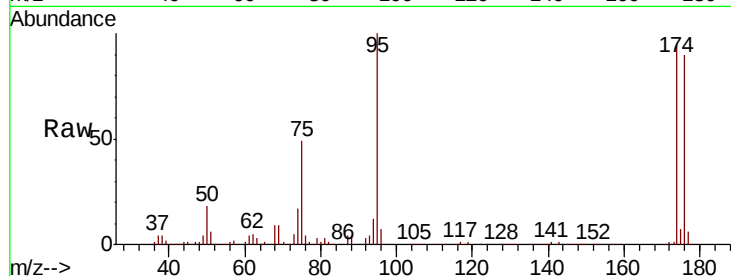
Tot Ion: 95 Resp: 168877

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

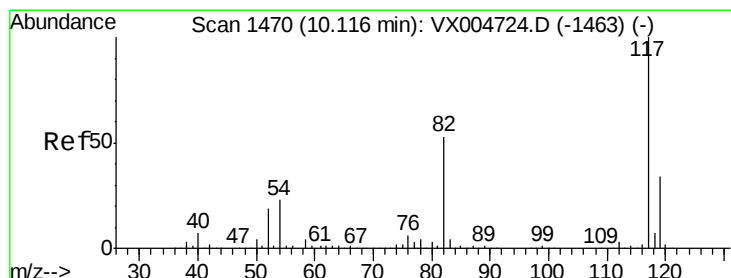
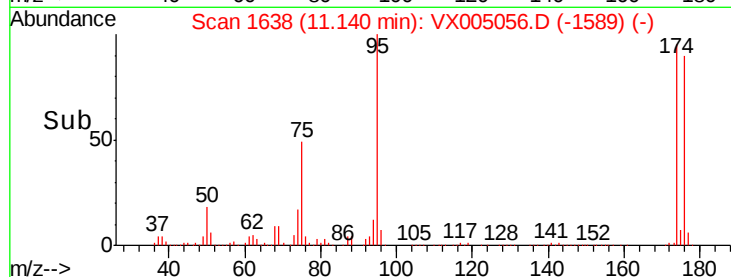
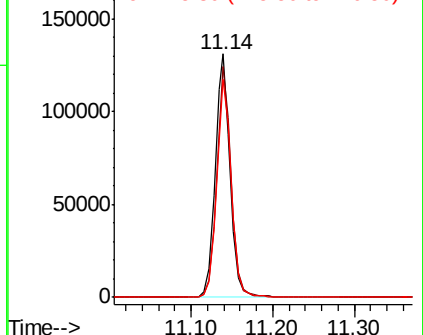
176 88.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

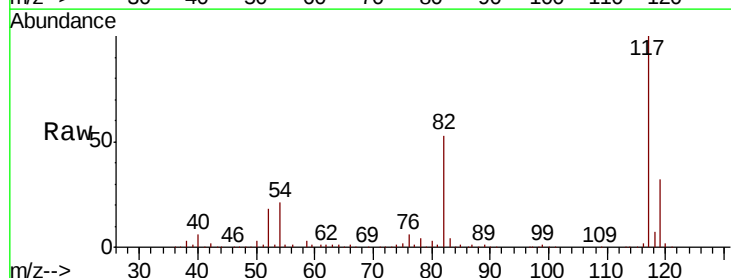
Tgt Ion: 117 Resp: 323519

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.4

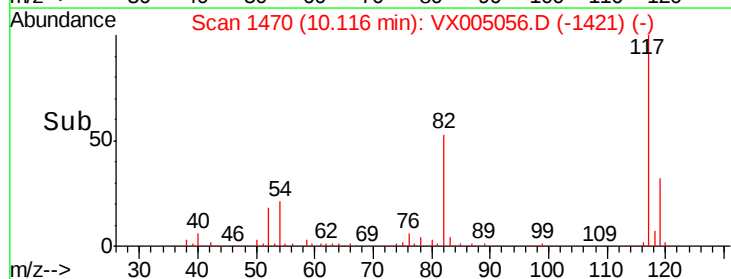
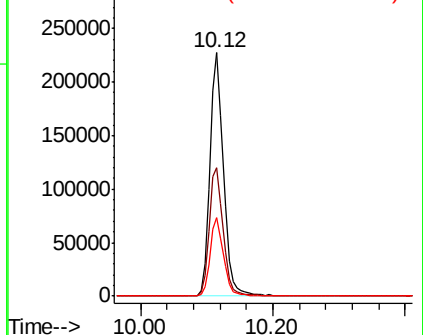
119 32.5 27.4 41.0

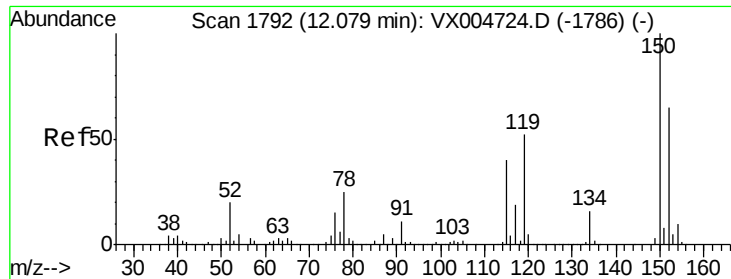


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

Instrument :

MSVOA_X

ClientSampleId :

BSS-UST-1A

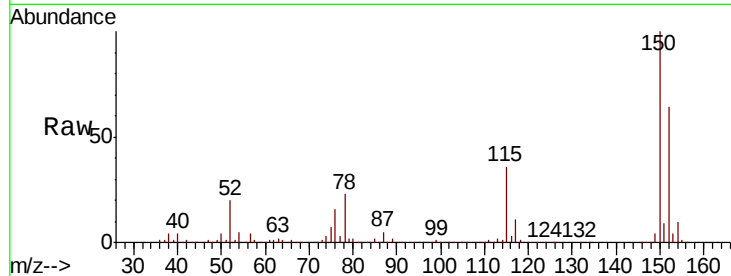
Tot Ion:152 Resp: 173656

Ion Ratio Lower Upper

152 100

115 55.7 40.2 120.6

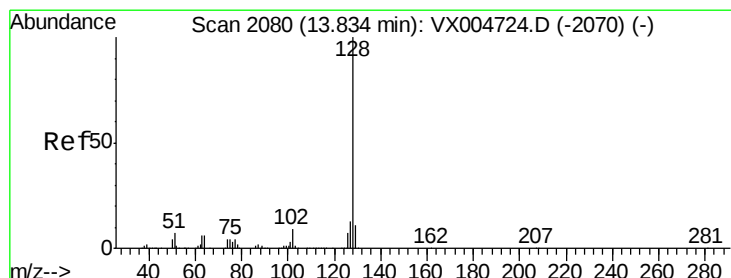
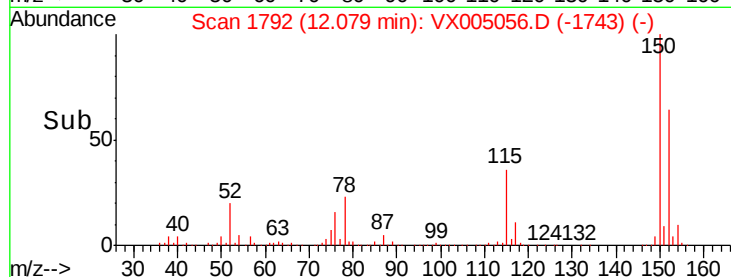
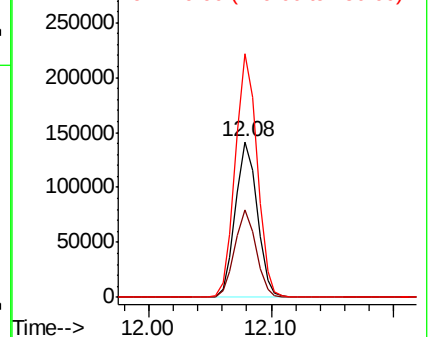
150 156.7 0.0 351.0



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: 0.860 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005056.D

Acq: 05 Oct 2018 08:57

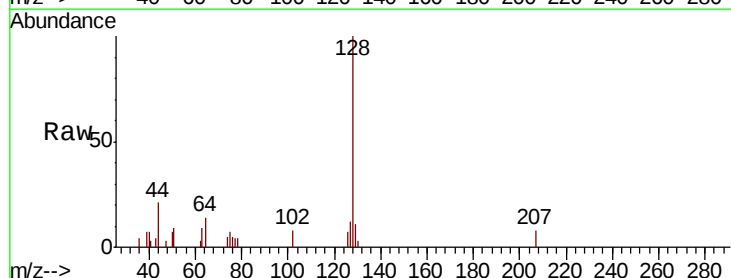
Tgt Ion:128 Resp: 2056

Ion Ratio Lower Upper

128 100

127 15.9 10.4 15.6#

129 11.6 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

