

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005130.D
 Acq On : 08 Oct 2018 16:29
 Operator : JC/MD
 Sample : J5189-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP01-20180928

Quant Time: Oct 09 13:00:00 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	188203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169501	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	143876	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	5.51	113	121959	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	437337	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.14	95	158410	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	

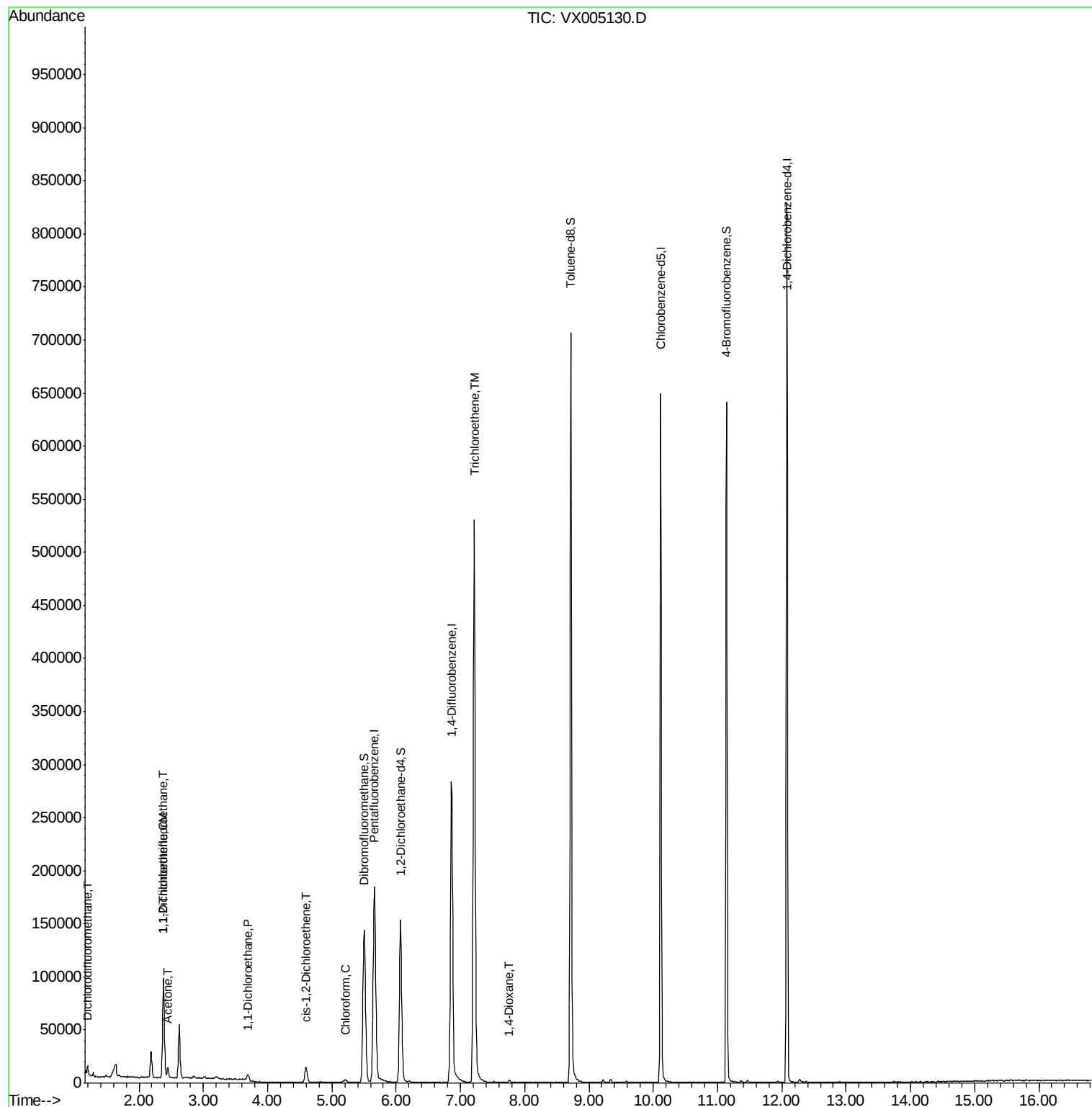
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	3826	1.49	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31251	15.18	ug/l	100
12) 1,1-Dichloroethene	2.37	96	6927	3.40	ug/l	92
16) Acetone	2.45	43	9148	5.83	ug/l	96
24) 1,1-Dichloroethane	3.70	63	4568	1.02	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	8664	3.47	ug/l	99
30) Chloroform	5.21	83	2314	0.55	ug/l	91
44) Trichloroethene	7.21	130	216808	82.30	ug/l	98
49) 1,4-Dioxane	7.76	88	1399	18.92	ug/l #	83

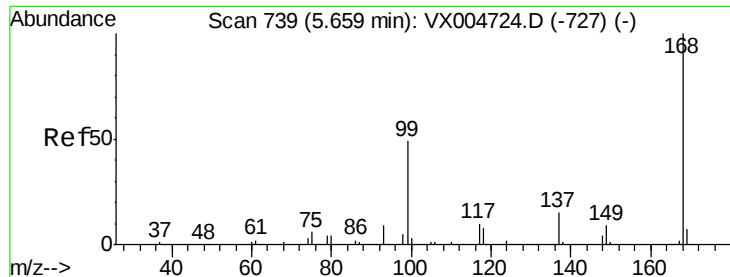
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

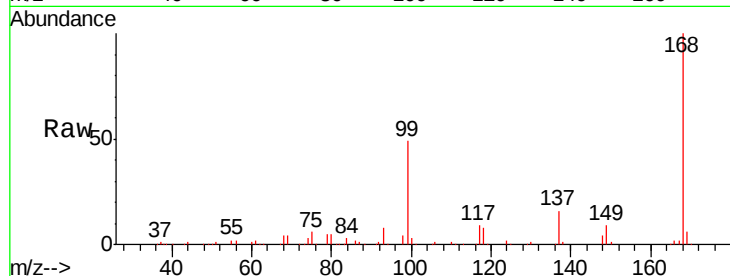
TT-DUP01-20180928

Tgt Ion:168 Resp: 188203

Ion Ratio Lower Upper

168 100

99 49.1 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

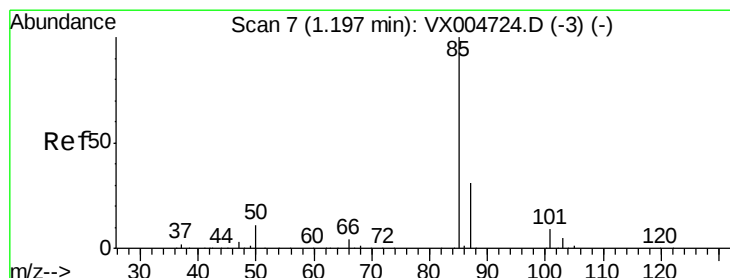
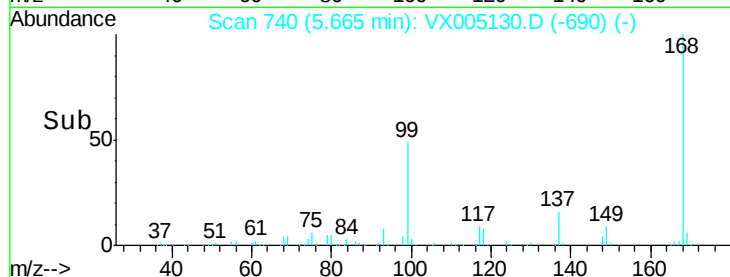
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.49 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005130.D

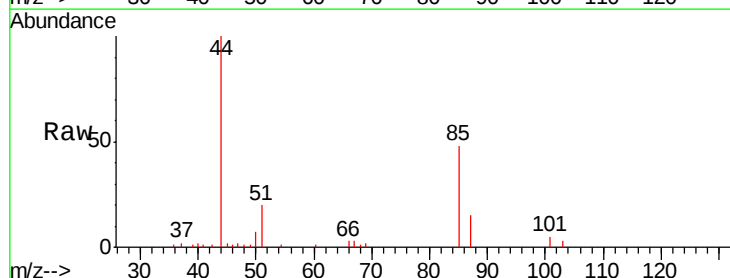
Acq: 08 Oct 2018 16:29

Tgt Ion: 85 Resp: 3826

Ion Ratio Lower Upper

85 100

87 31.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

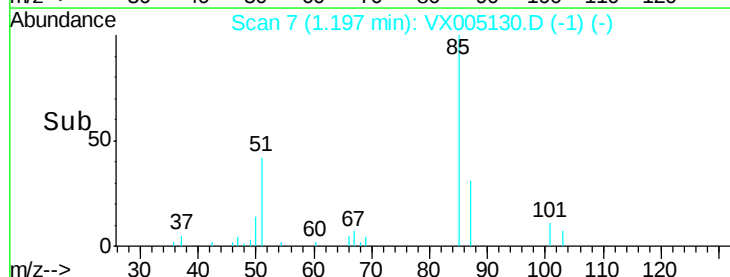
3000

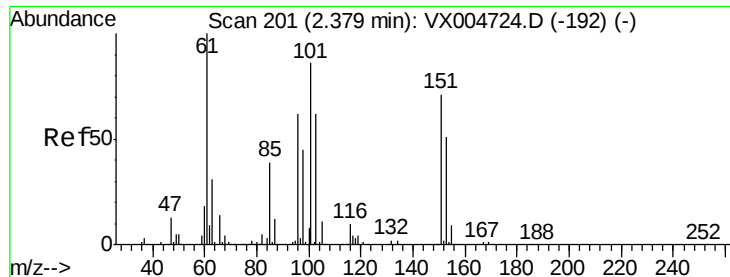
2000

1000

0

Time--> 1.15 1.20 1.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.18 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP01-20180928

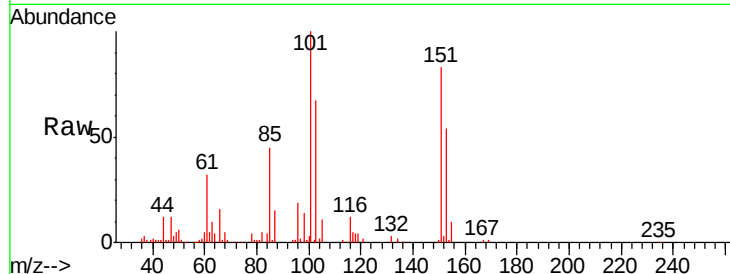
Tgt Ion:101 Resp: 31251

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

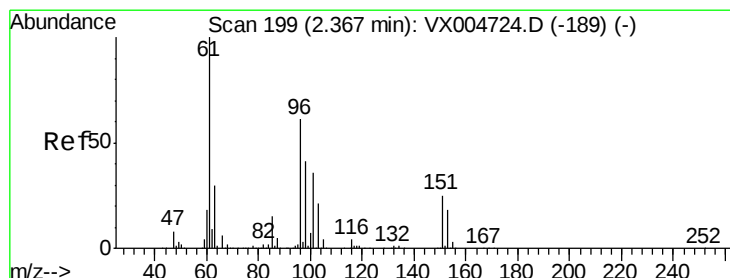
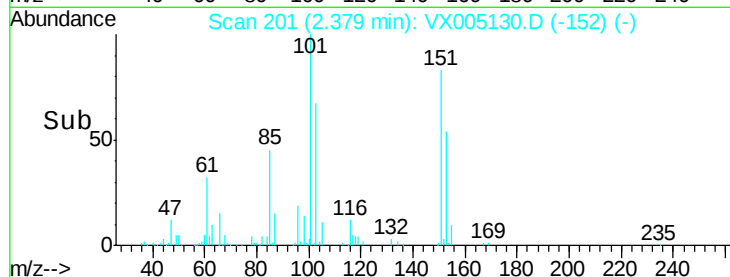
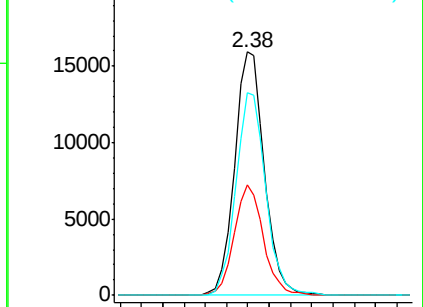
151 83.6 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 3.40 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

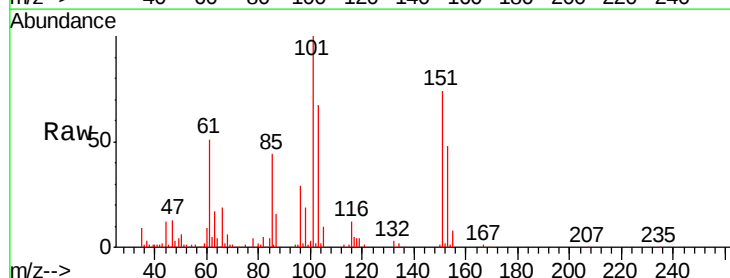
Tgt Ion: 96 Resp: 6927

Ion Ratio Lower Upper

96 100

61 176.0 130.2 195.4

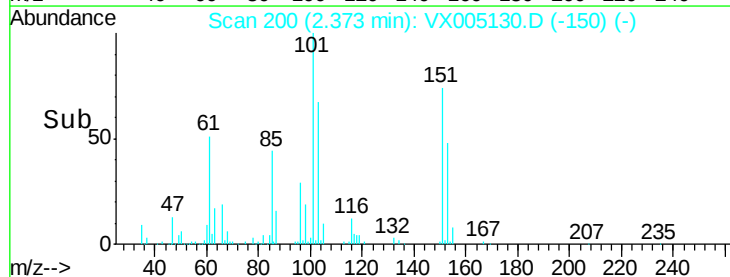
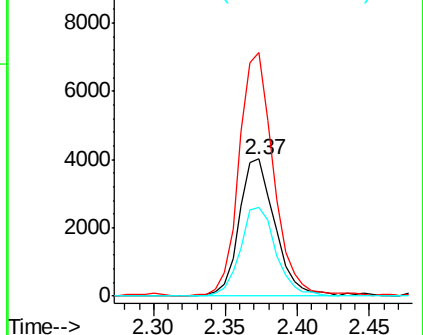
98 65.0 53.4 80.0

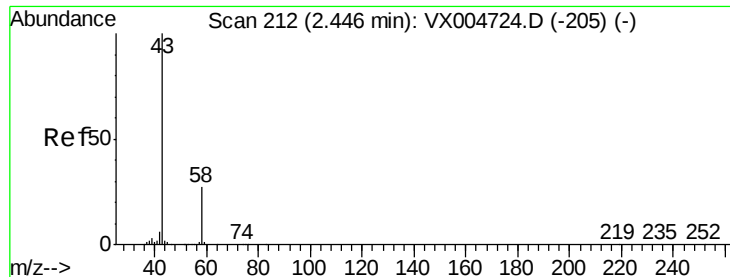


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 5.83 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

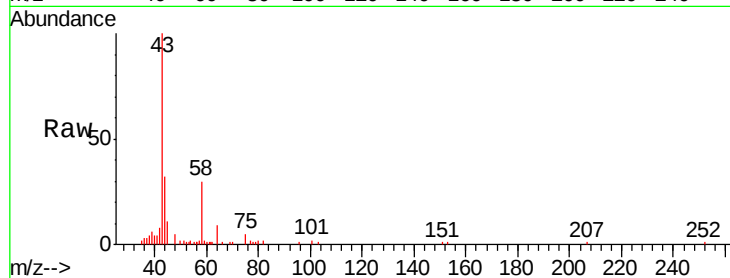
TT-DUP01-20180928

Tgt Ion: 43 Resp: 9148

Ion Ratio Lower Upper

43 100

58 29.5 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

5000

4000

3000

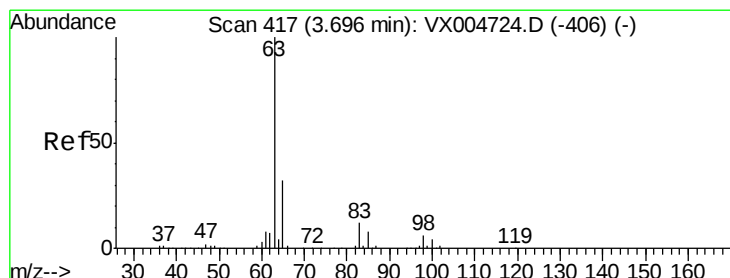
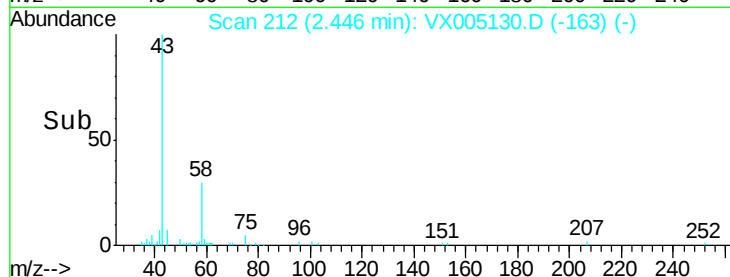
2000

1000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#24

1,1-Dichloroethane

Concen: 1.02 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

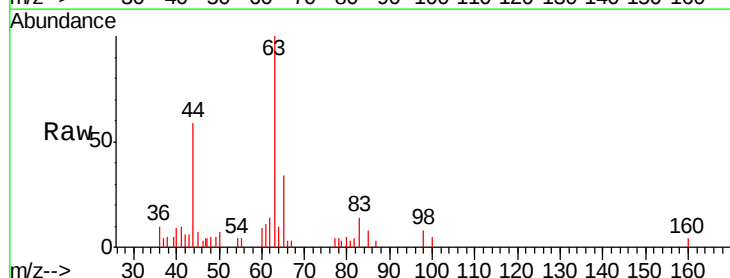
Tgt Ion: 63 Resp: 4568

Ion Ratio Lower Upper

63 100

98 7.5 3.0 9.2

100 5.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

2500

2000

1500

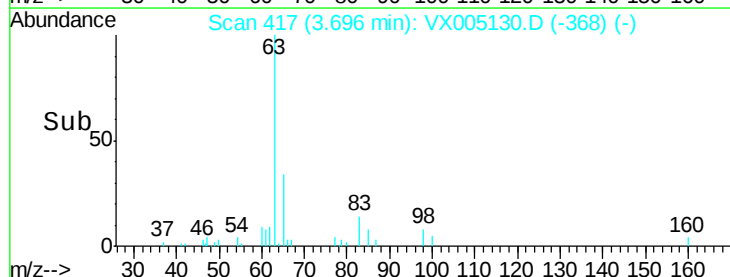
1000

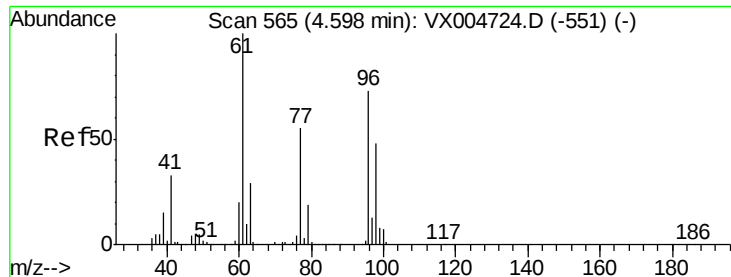
500

0

Time-->

3.60 3.65 3.70 3.75





#27

cis-1,2-Dichloroethene

Concen: 3.47 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP01-20180928

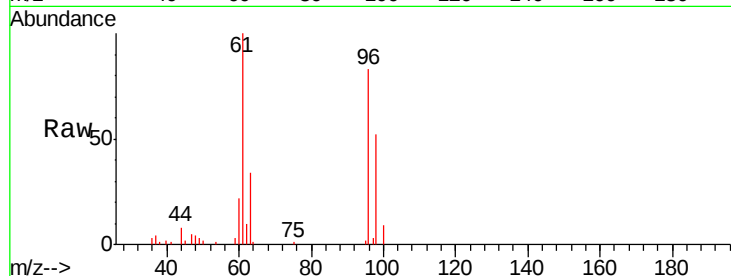
Tgt Ion: 96 Resp: 8664

Ion Ratio Lower Upper

96 100

61 142.9 0.0 285.8

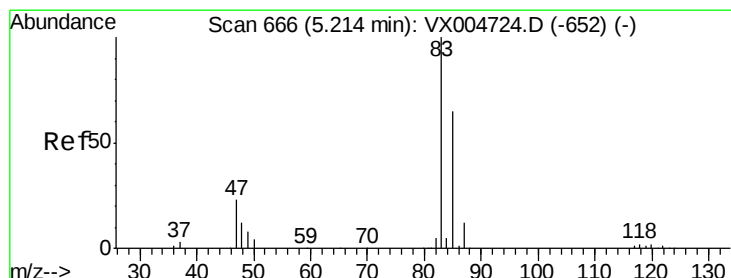
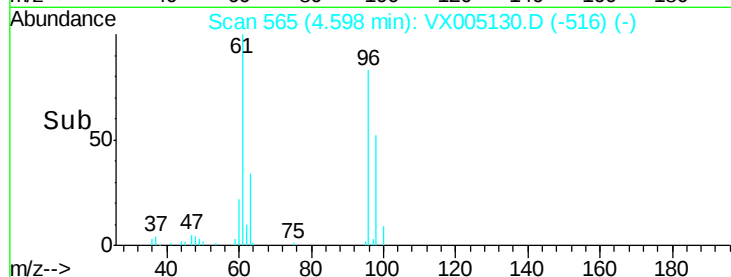
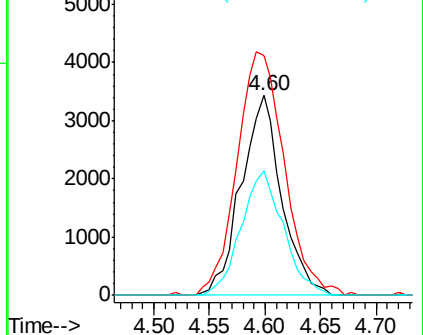
98 65.1 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#30

Chloroform

Concen: 0.55 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005130.D

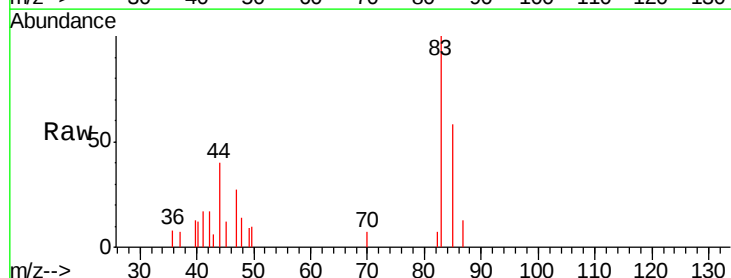
Acq: 08 Oct 2018 16:29

Tgt Ion: 83 Resp: 2314

Ion Ratio Lower Upper

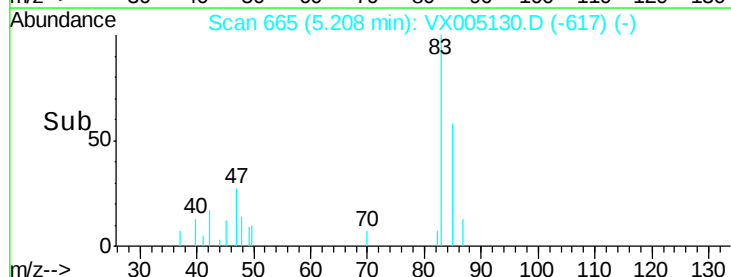
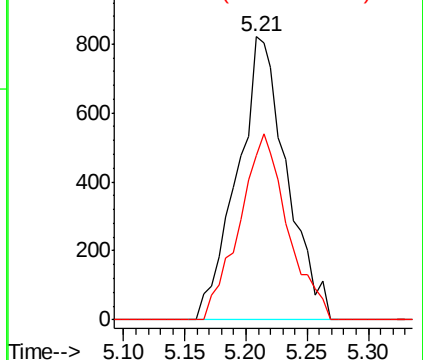
83 100

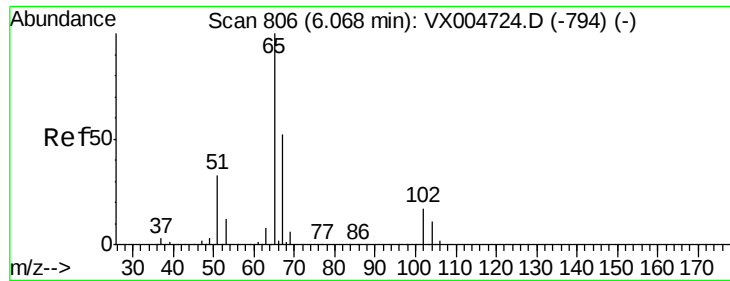
85 58.0 52.4 78.6



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: 53.52 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

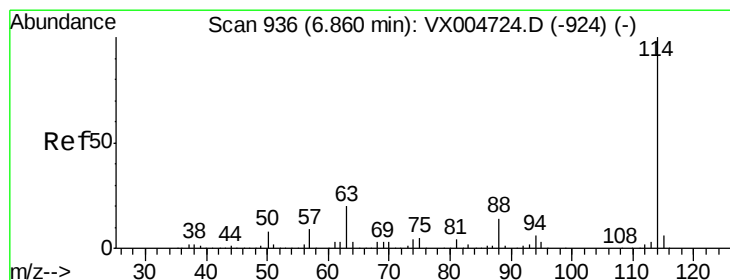
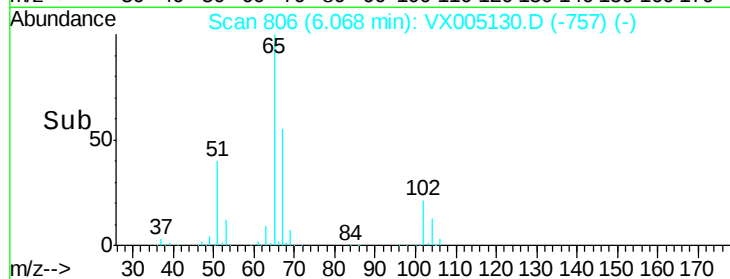
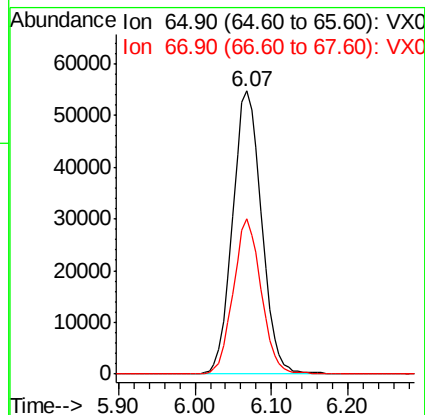
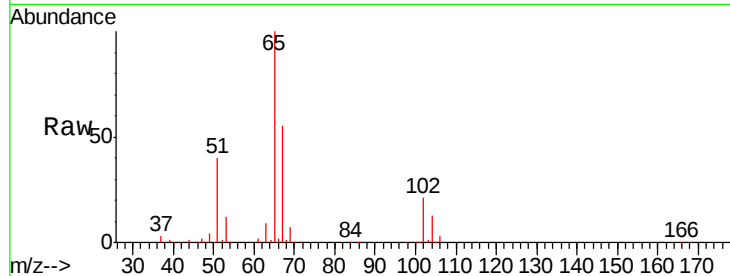
TT-DUP01-20180928

Tgt Ion: 65 Resp: 143876

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005130.D

Acq: 08 Oct 2018 16:29

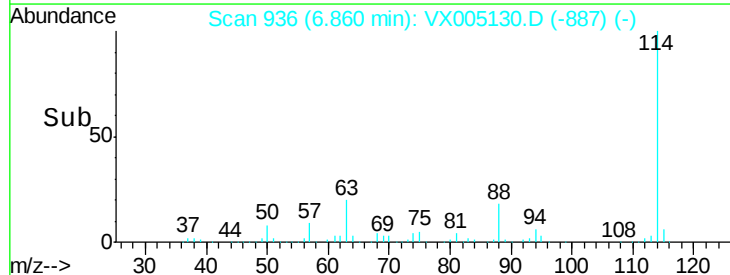
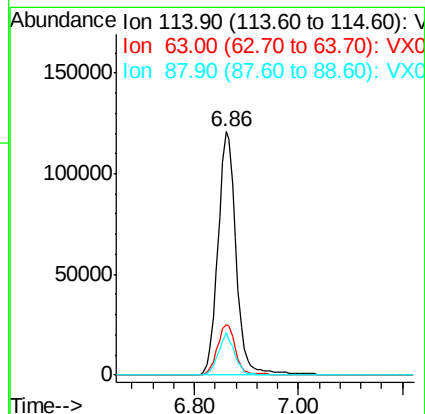
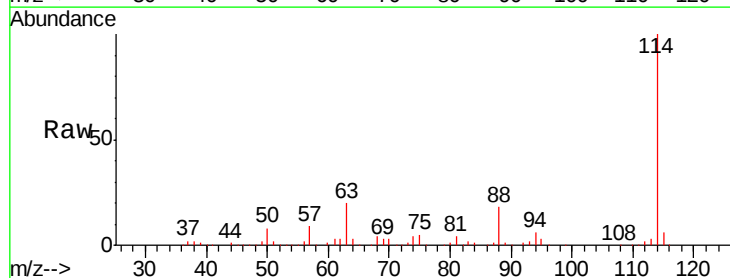
Tgt Ion: 114 Resp: 296033

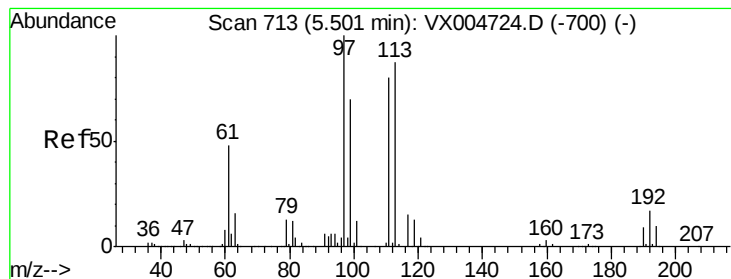
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

88 17.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.61 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005130.D

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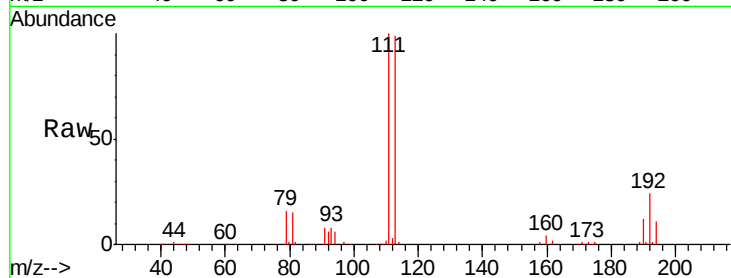
Tgt Ion:113 Resp: 121959

Ion Ratio Lower Upper

113 100

111 104.2 77.0 115.4

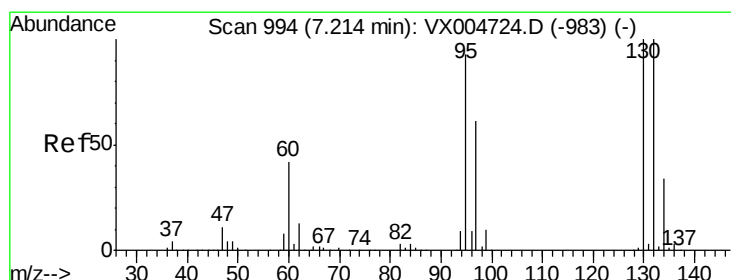
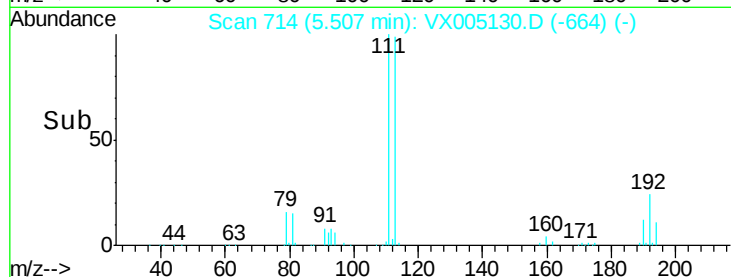
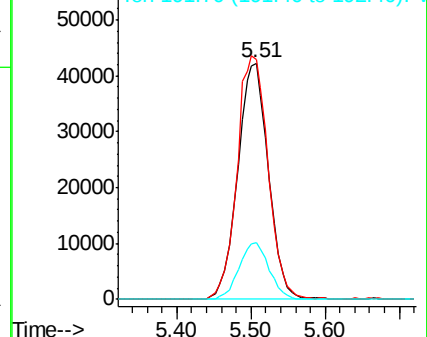
192 23.7 17.0 25.6



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



#44

Trichloroethene

Concen: 82.30 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005130.D

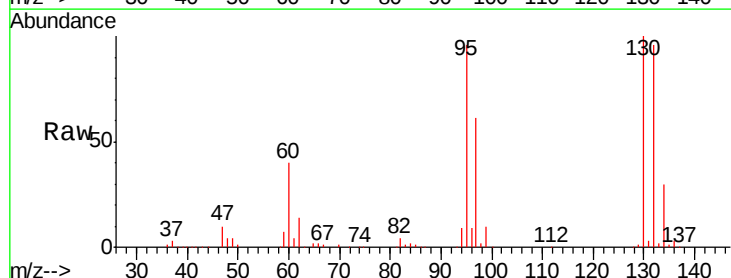
Acq: 08 Oct 2018 16:29

Tgt Ion:130 Resp: 216808

Ion Ratio Lower Upper

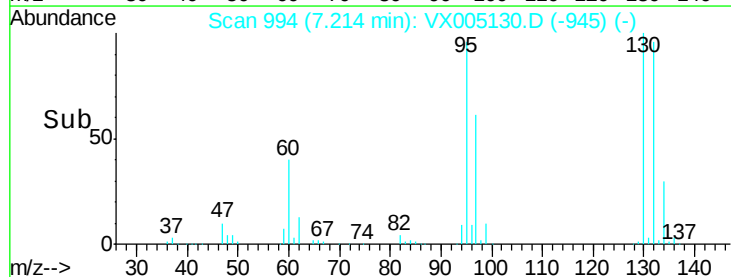
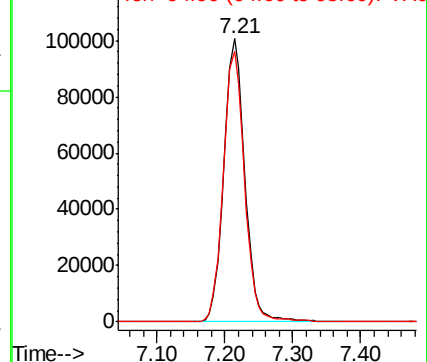
130 100

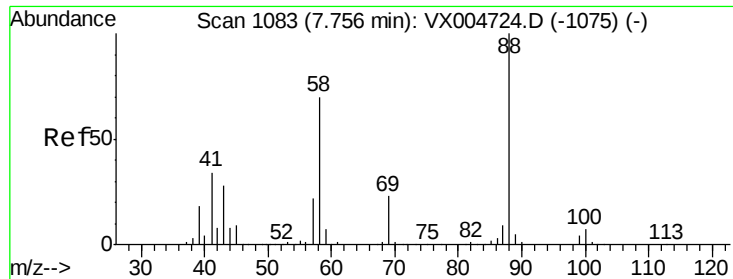
95 95.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

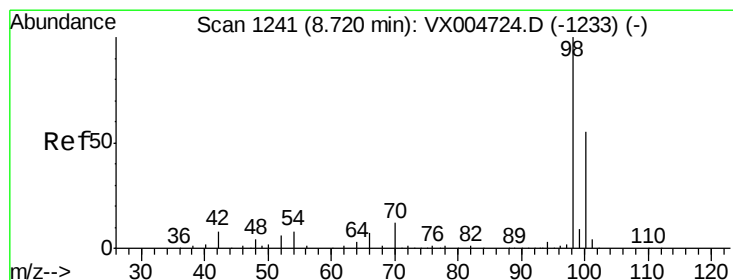
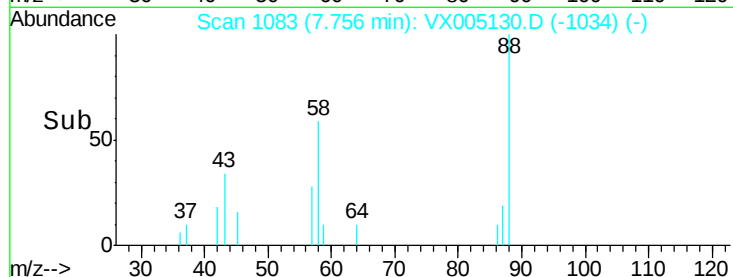
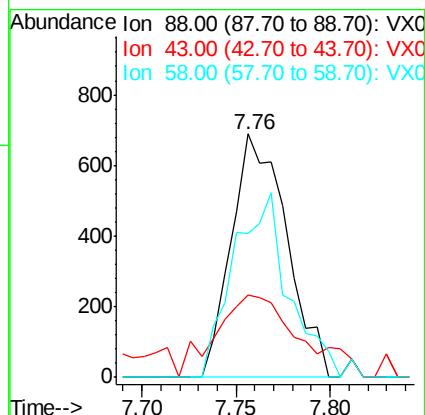
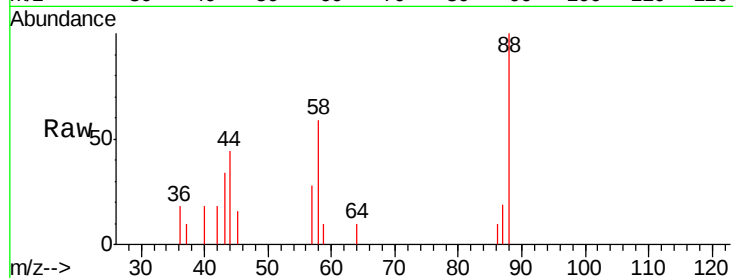




#49
1,4-Dioxane
Concen: 18.92 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005130.D
Acq: 08 Oct 2018 16:29

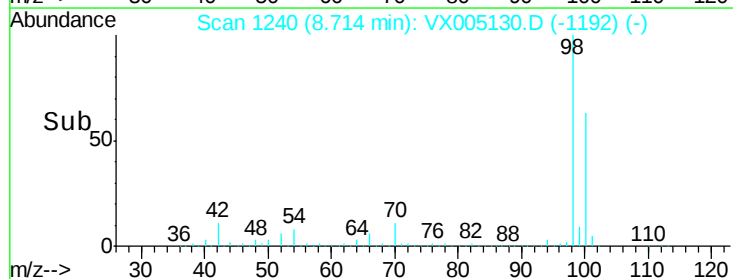
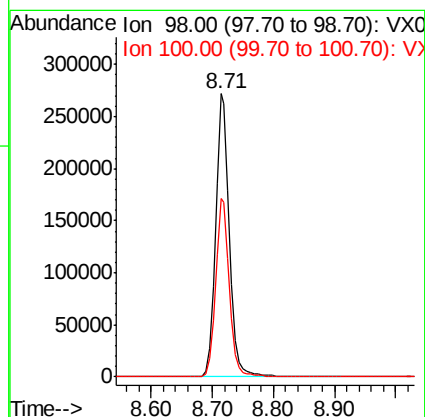
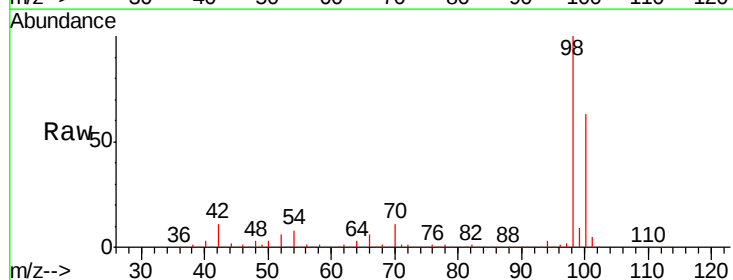
Instrument :
MSVOA_X
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TT-DUP01-20180928

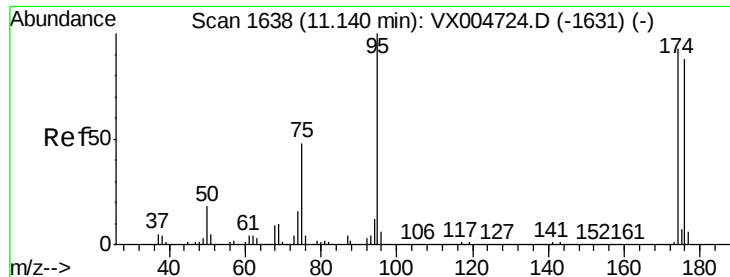
Tgt Ion: 88 Resp: 1399
Ion Ratio Lower Upper
88 100
43 51.3 25.1 37.7#
58 77.1 56.2 84.2



#50
Toluene-d8
Concen: 52.43 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005130.D
Acq: 08 Oct 2018 16:29

Tgt Ion: 98 Resp: 437337
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

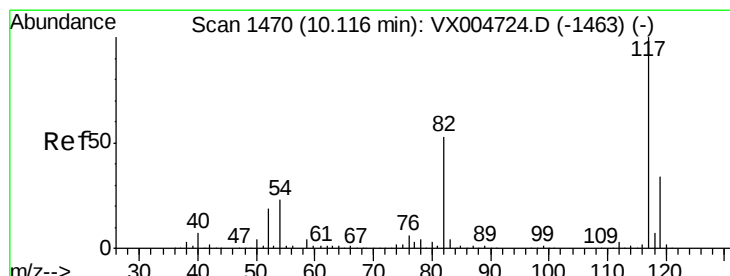
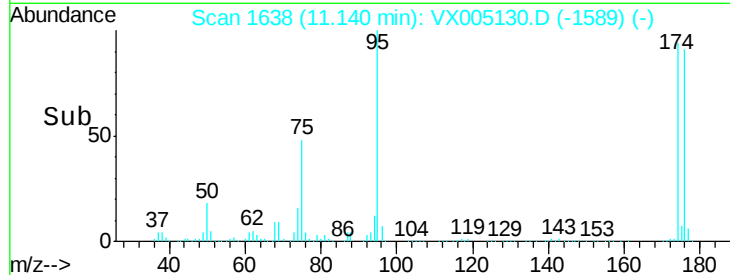
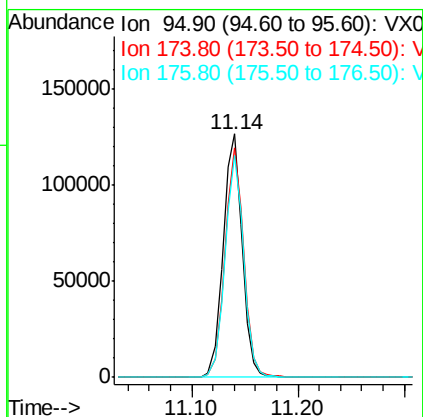
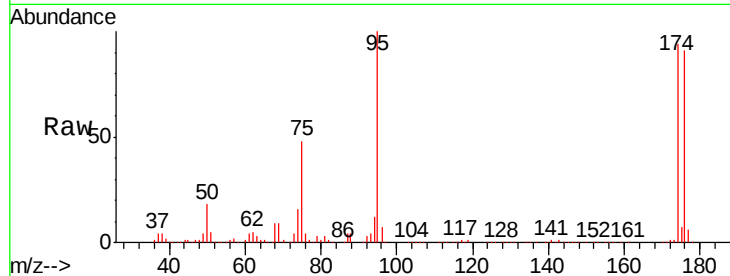




#62
4-Bromofluorobenzene
Concen: 52.72 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005130.D
Acq: 08 Oct 2018 16:29

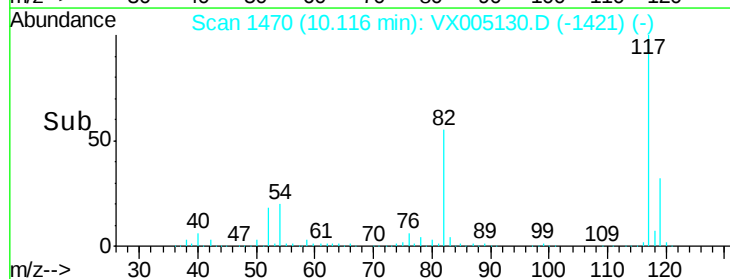
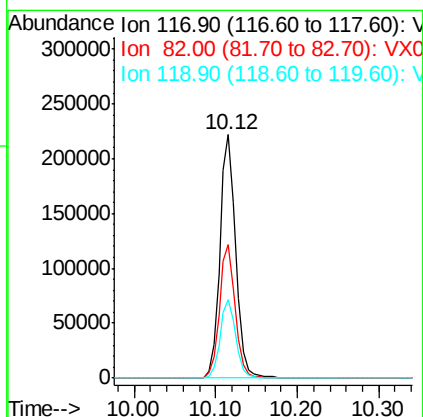
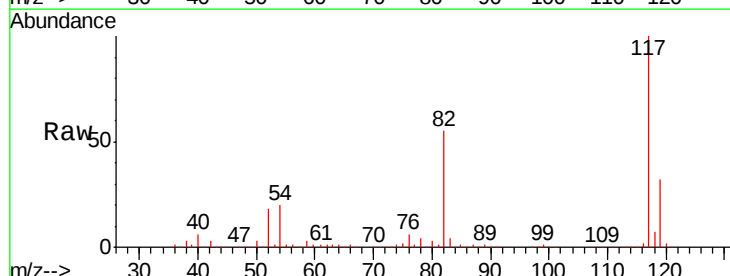
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP01-20180928

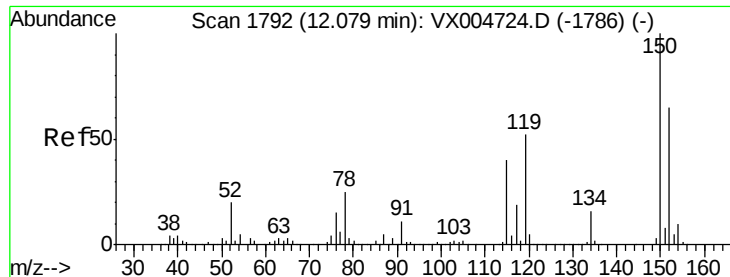
Tgt Ion: 95 Resp: 158410
Ion Ratio Lower Upper
95 100
174 93.2 0.0 185.0
176 89.8 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005130.D
Acq: 08 Oct 2018 16:29

Tgt Ion: 117 Resp: 300410
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 32.4 27.4 41.0

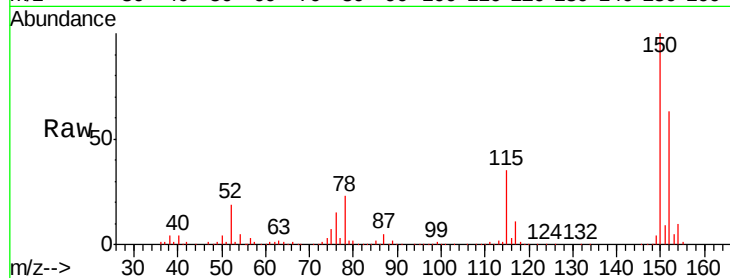




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005130.D
 Acq: 08 Oct 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP01-20180928

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.2	120.6
150	156.1	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

