

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001797.D
 Acq On : 17 May 2018 18:13
 Operator : JC/MD
 Sample : J2853-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-180507

Quant Time: May 18 04:51:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126574	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	195317	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
35) Dibromofluoromethane	5.51	113	167541	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
50) Toluene-d8	8.72	98	566012	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.15	95	155936	39.04	ug/l	0.00
Spiked Amount			Recovery	=	78.08%	

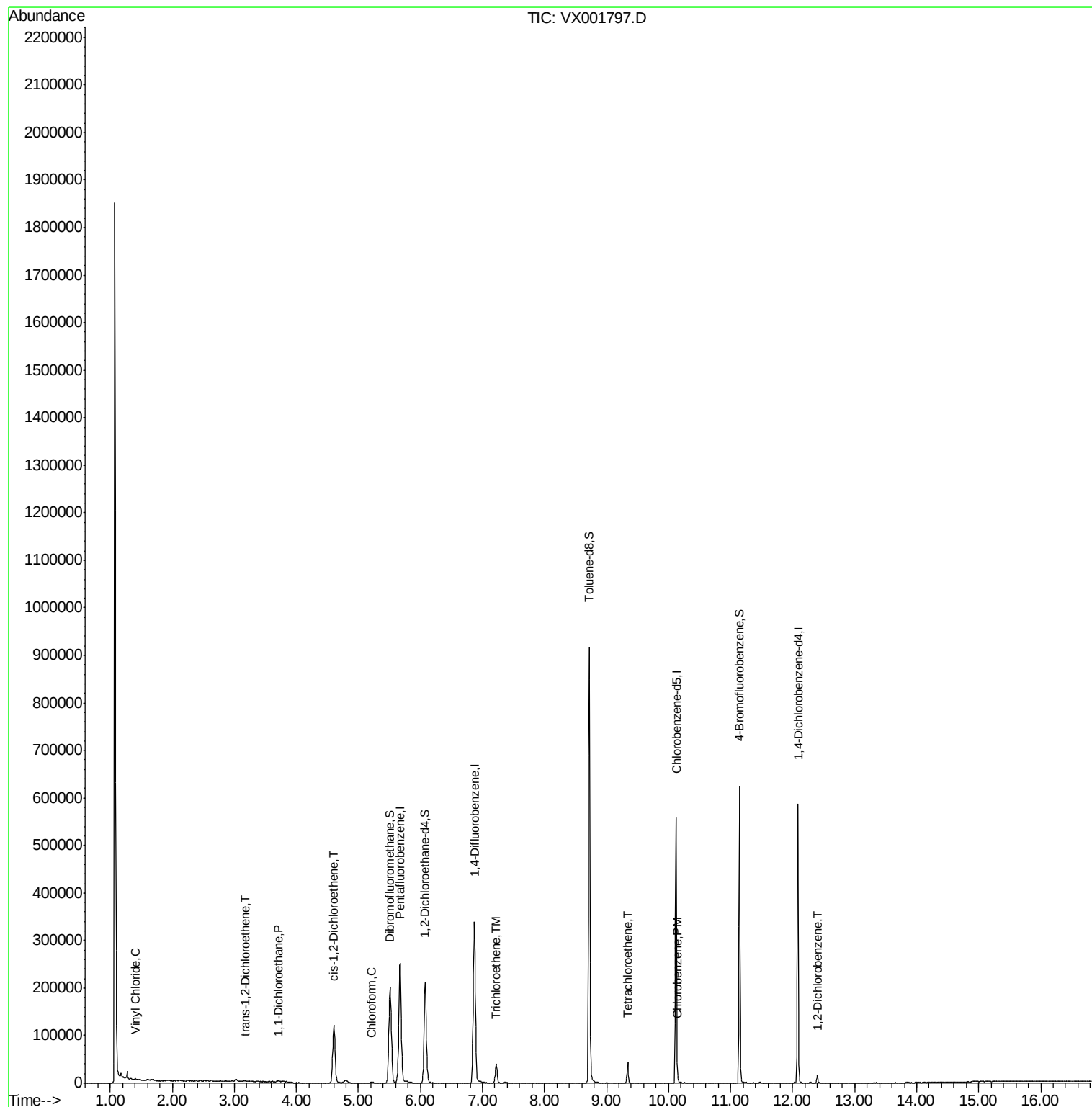
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	712	0.22	ug/l #	80
21) trans-1,2-Dichloroethene	3.17	96	837	0.28	ug/l #	83
24) 1,1-Dichloroethane	3.70	63	2111	0.40	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	80351	23.58	ug/l	91
30) Chloroform	5.21	83	1564	0.28	ug/l #	77
44) Trichloroethene	7.22	130	16327	4.23	ug/l	98
64) Tetrachloroethene	9.34	164	9822	2.70	ug/l	98
65) Chlorobenzene	10.15	112	1949	0.25	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	5457	1.21	ug/l	100

(#) = 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# 834

Delta R.T. 0.00 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

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MSVOA_X

ClientSampleId :

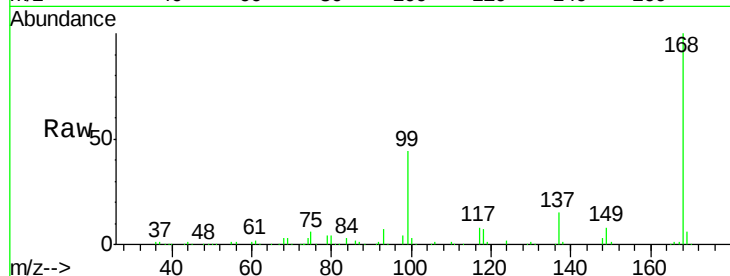
SS037MW307-180507

Tot Ion:168 Resp: 275071

Ion Ratio Lower Upper

168 100

99 44.2 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

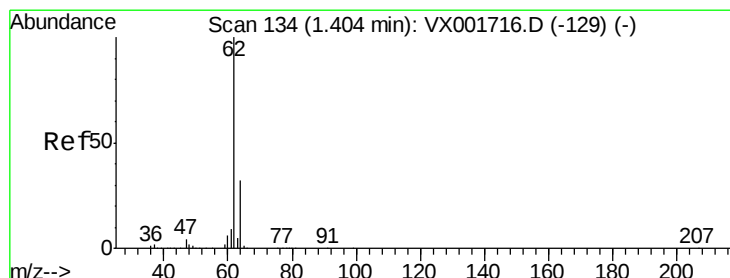
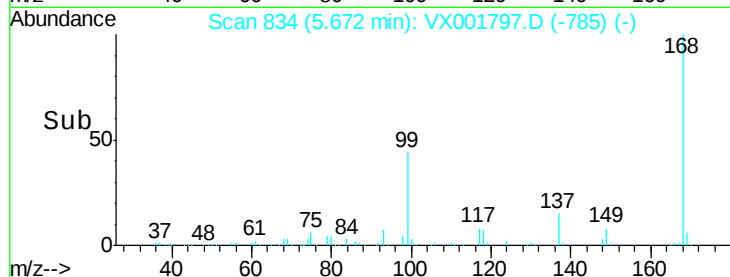
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001797.D

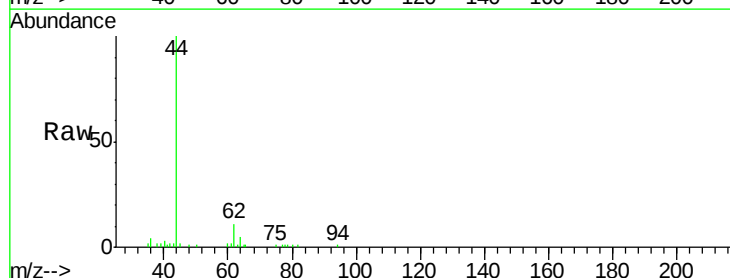
Acq: 17 May 2018 18:13

Tgt Ion: 62 Resp: 712

Ion Ratio Lower Upper

62 100

64 43.3 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

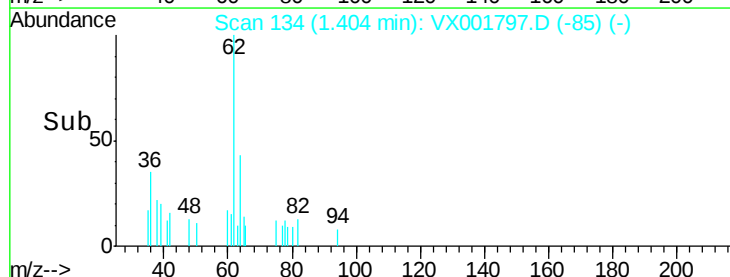
600

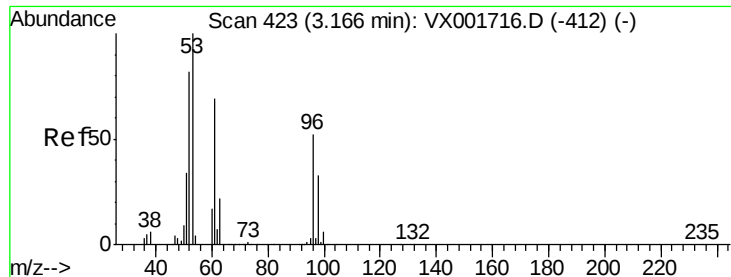
400

200

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 0.28 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-180507

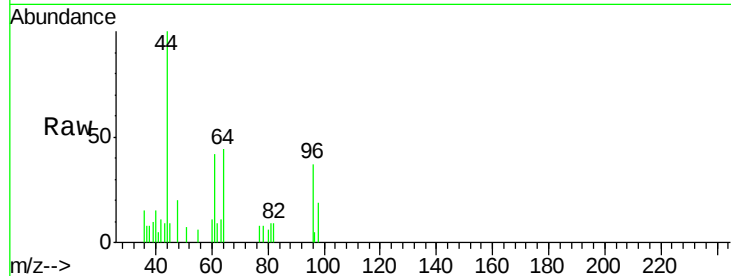
Tot Ion: 96 Resp: 837

Ion Ratio Lower Upper

96 100

61 112.1 105.8 158.8

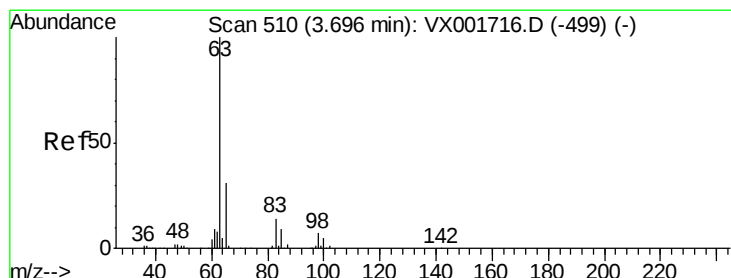
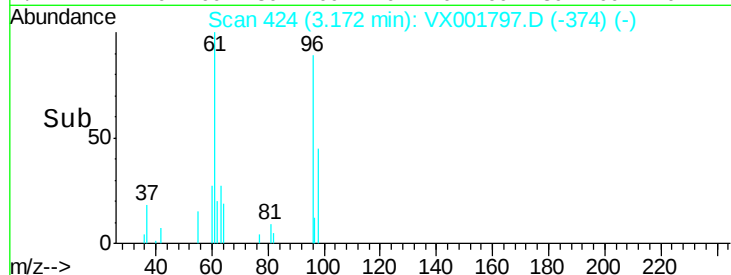
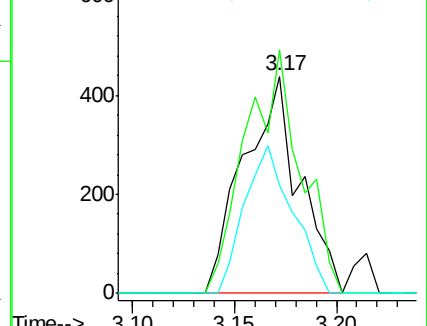
98 49.9 50.2 75.4#



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



#24

1,1-Dichloroethane

Concen: 0.40 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

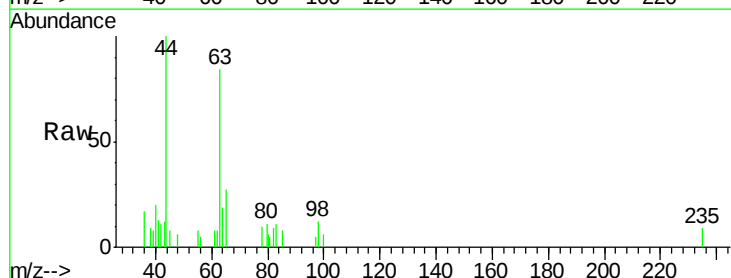
Tgt Ion: 63 Resp: 2111

Ion Ratio Lower Upper

63 100

98 13.8 3.7 11.1#

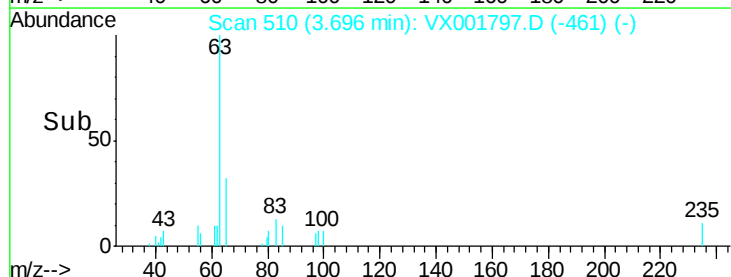
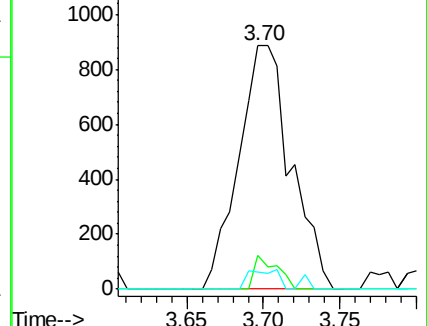
100 6.9 2.4 7.2

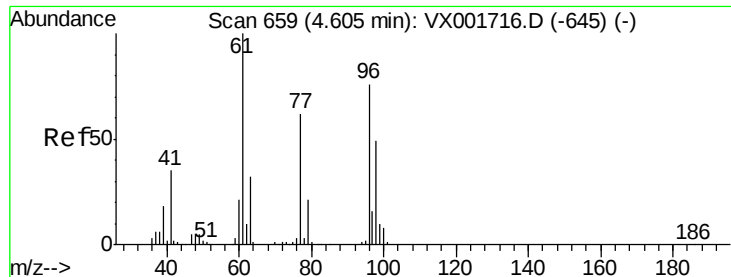


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 23.58 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-180507

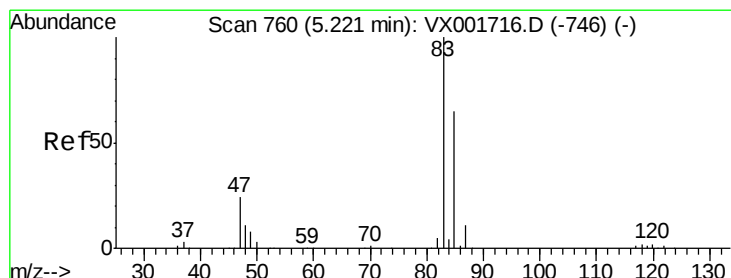
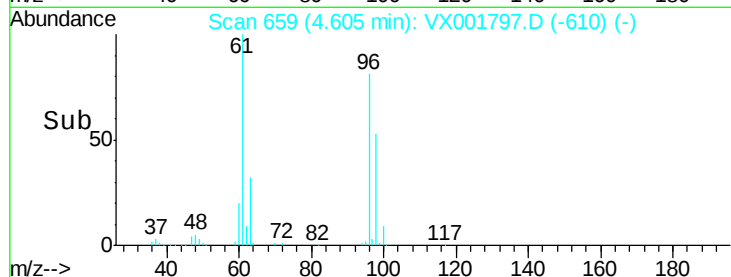
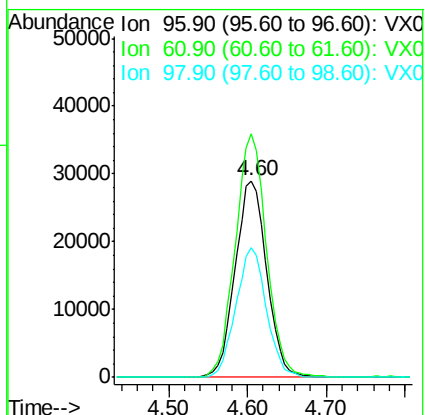
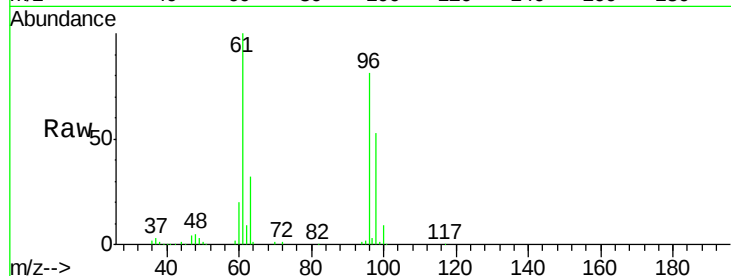
Tot Ion: 96 Resp: 80351

Ion Ratio Lower Upper

96 100

61 123.8 0.0 280.4

98 64.2 0.0 128.4



#30

Chloroform

Concen: 0.28 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001797.D

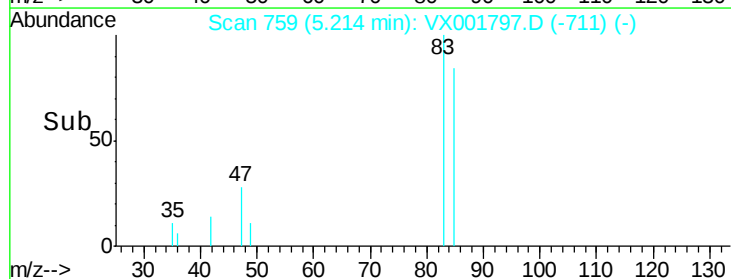
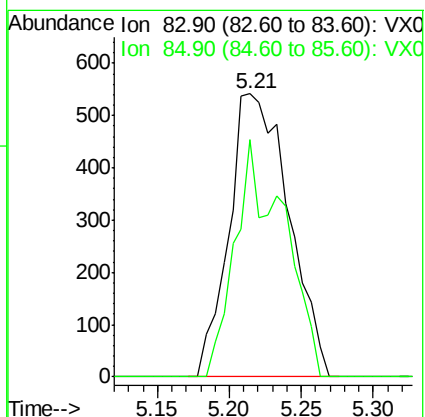
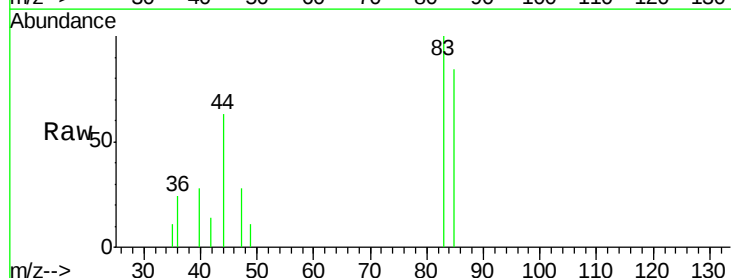
Acq: 17 May 2018 18:13

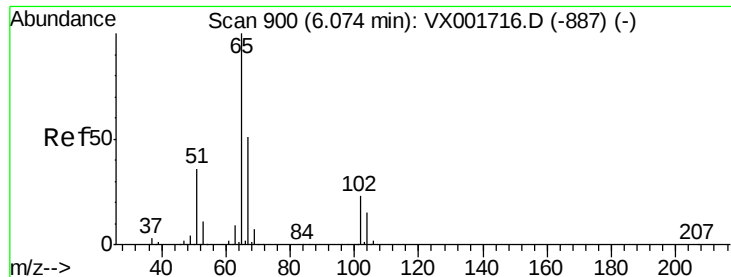
Tgt Ion: 83 Resp: 1564

Ion Ratio Lower Upper

83 100

85 83.9 52.3 78.5#

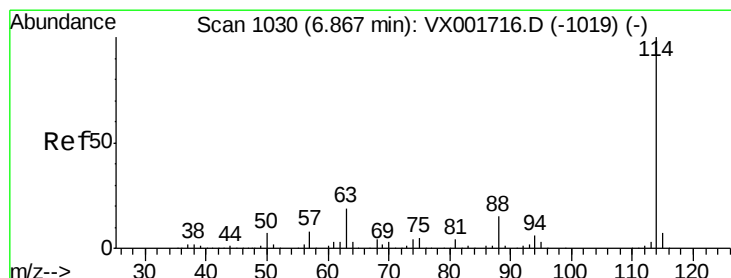
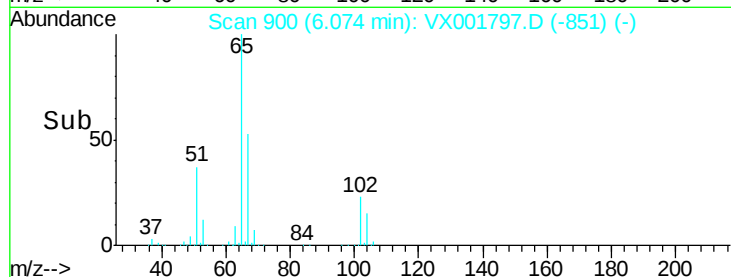
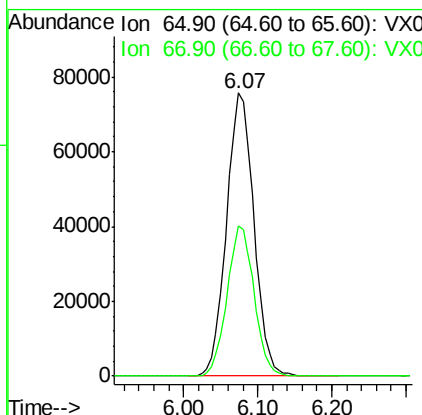
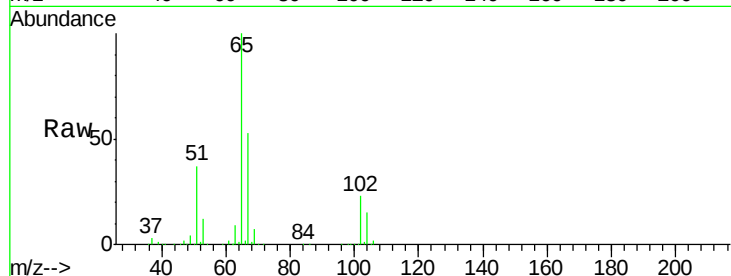




#33
 1,2-Dichloroethane-d4
 Concen: 52.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001797.D
 Acq: 17 May 2018 18:13

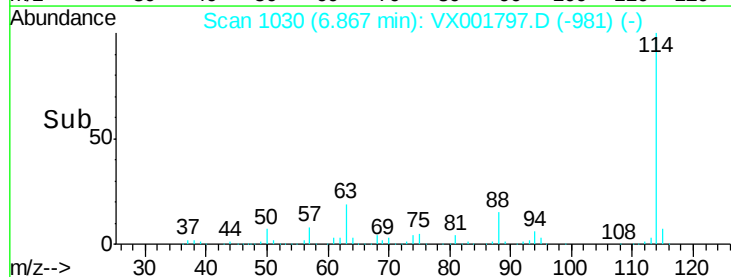
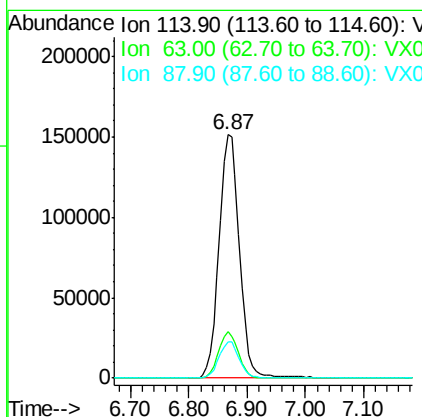
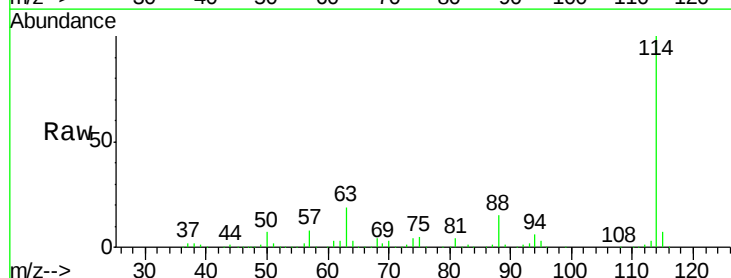
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-180507

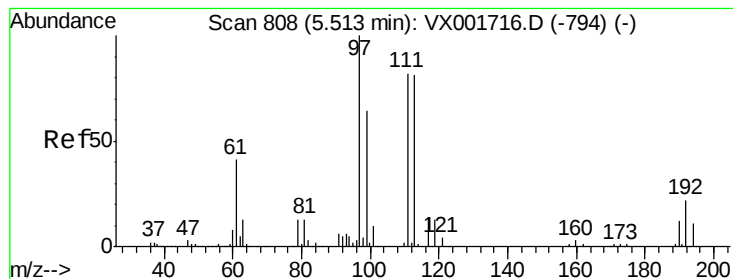
Tot Ion: 65 Resp: 195317
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001797.D
 Acq: 17 May 2018 18:13

Tgt Ion: 114 Resp: 367071
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 54.08 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-180507

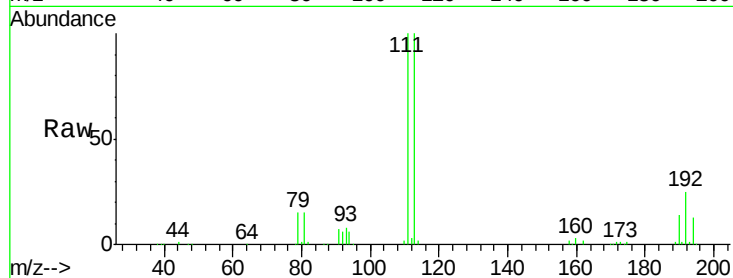
Tot Ion:113 Resp: 167541

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

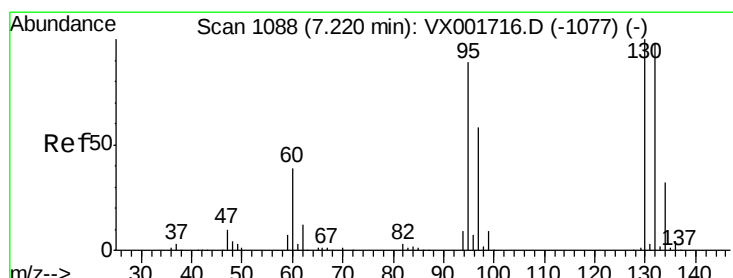
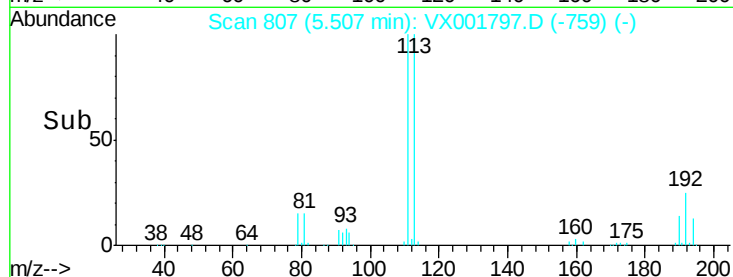
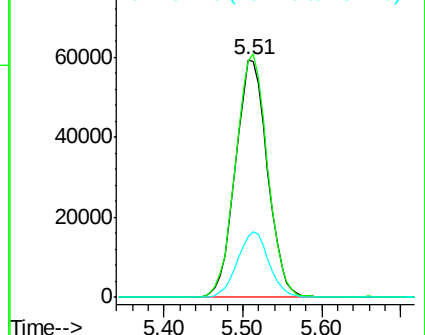
192 27.1 21.6 32.4



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: 4.23 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001797.D

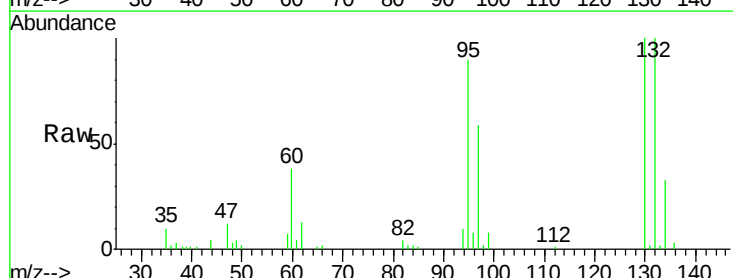
Acq: 17 May 2018 18:13

Tgt Ion:130 Resp: 16327

Ion Ratio Lower Upper

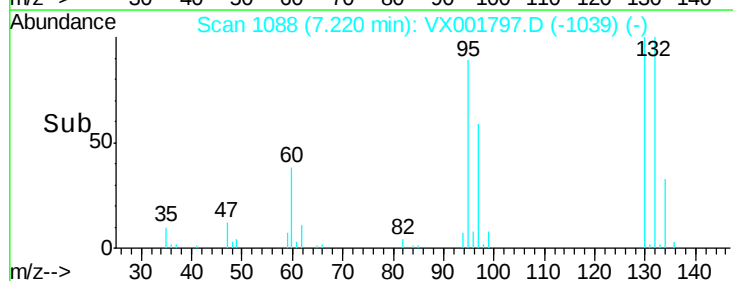
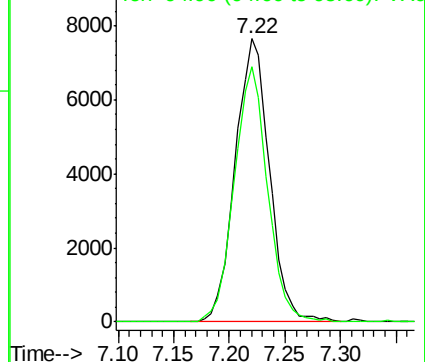
130 100

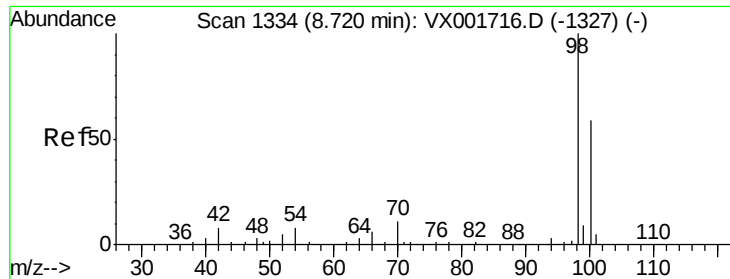
95 90.4 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.02 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

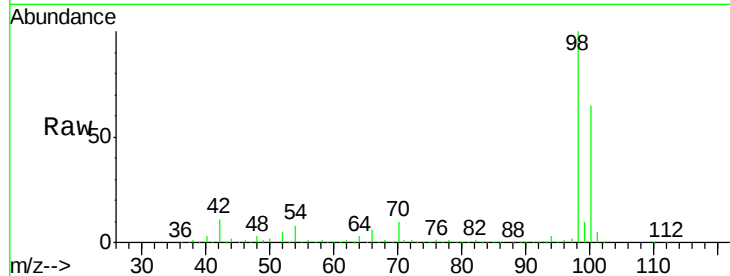
SS037MW307-180507

Tot Ion: 98 Resp: 566012

Ion Ratio Lower Upper

98 100

100 64.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX001716.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001716.D (-1327) (-)

8.72

400000

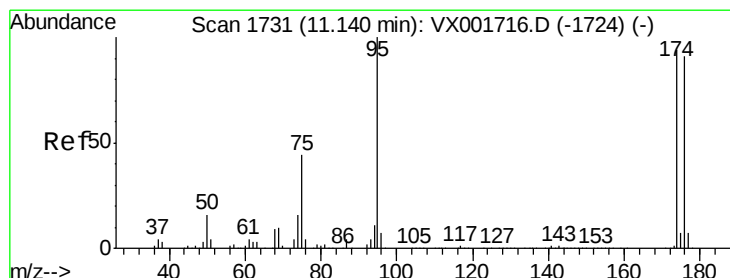
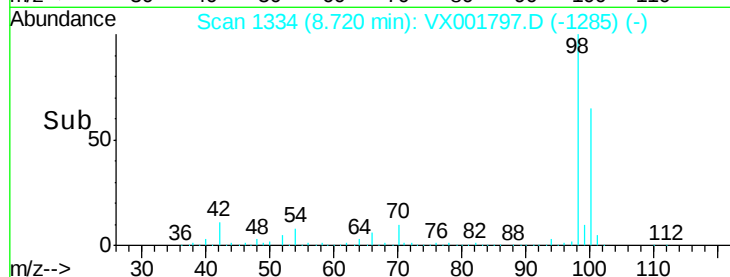
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.04 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

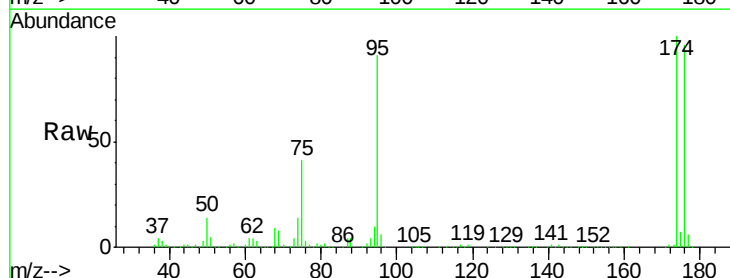
Tgt Ion: 95 Resp: 155936

Ion Ratio Lower Upper

95 100

174 104.2 0.0 201.8

176 100.0 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001716.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001716.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001716.D (-1724) (-)

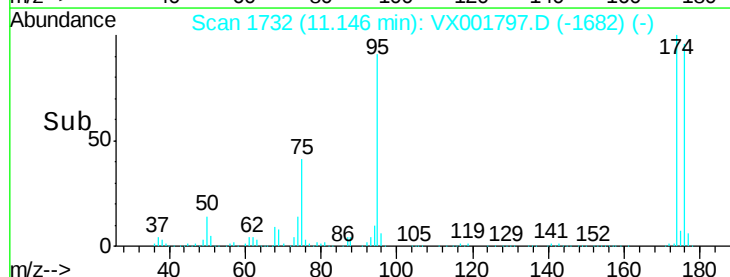
150000

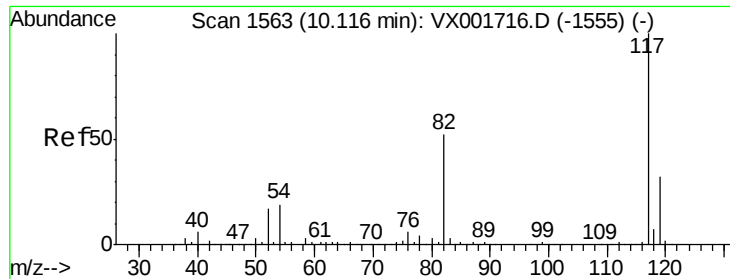
100000

50000

0

Time-->

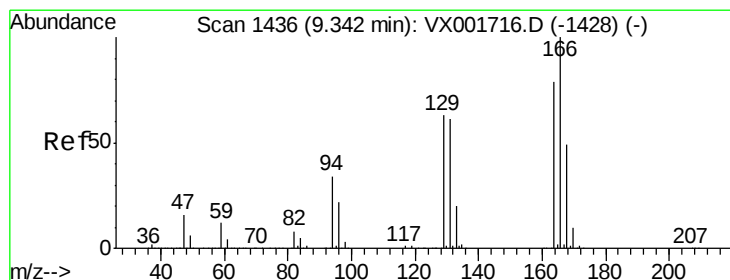
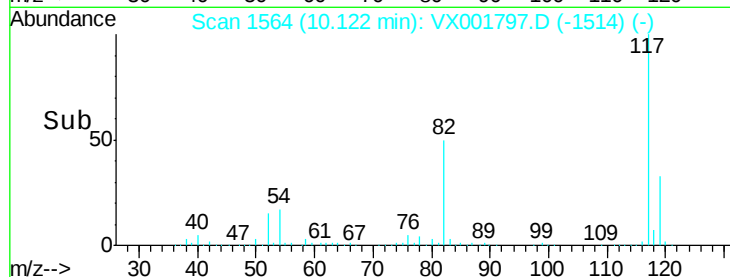
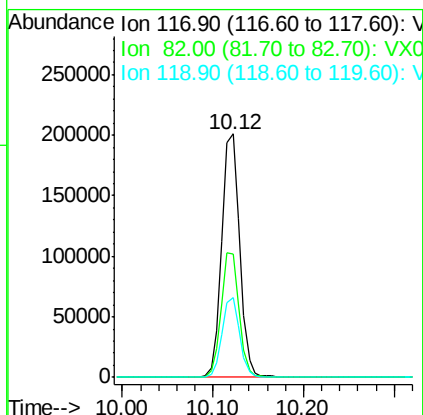
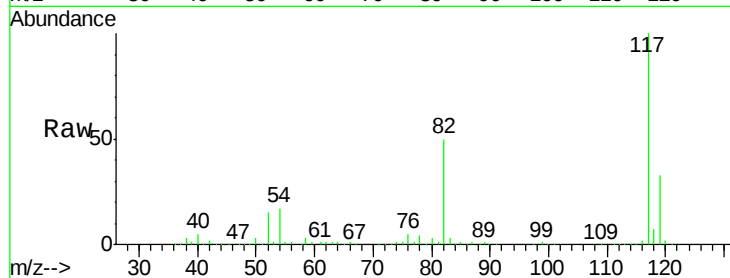




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001797.D
Acq: 17 May 2018 18:13

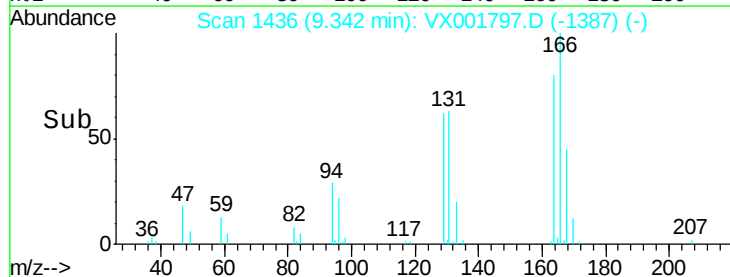
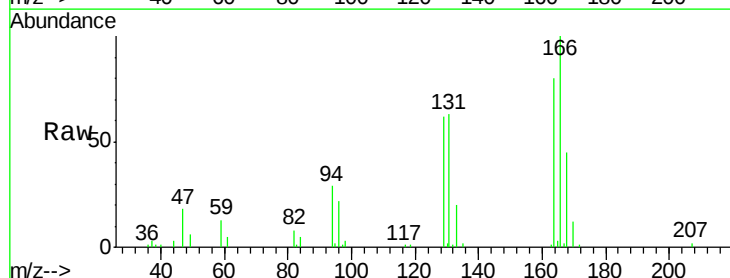
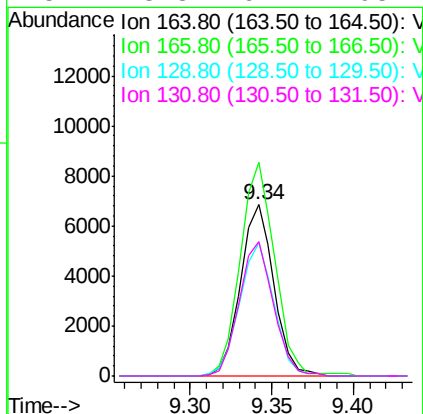
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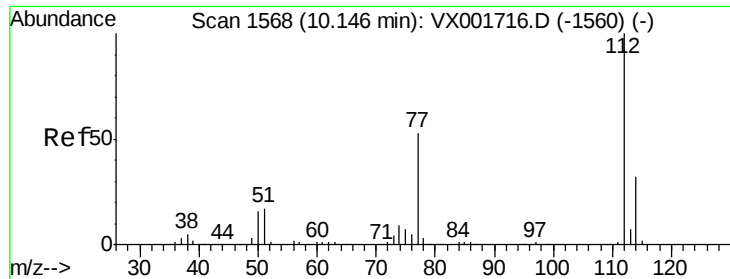
Tot Ion:117 Resp: 279738
Ion Ratio Lower Upper
117 100
82 50.4 41.4 62.2
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 2.70 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001797.D
Acq: 17 May 2018 18:13

Tgt Ion:164 Resp: 9822
Ion Ratio Lower Upper
164 100
166 124.7 101.8 152.8
129 77.4 63.8 95.6
131 78.3 62.2 93.2





#65

Chlorobenzene

Concen: 0.25 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

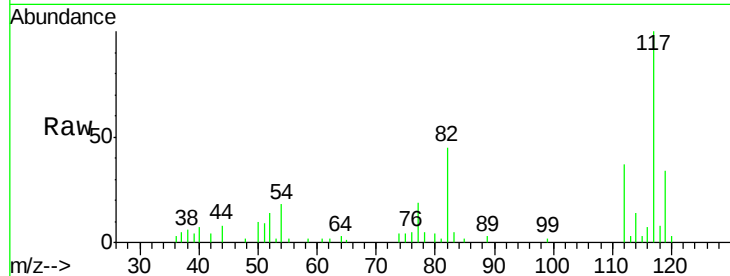
SS037MW307-180507

Tot Ion:112 Resp: 1949

Ion Ratio Lower Upper

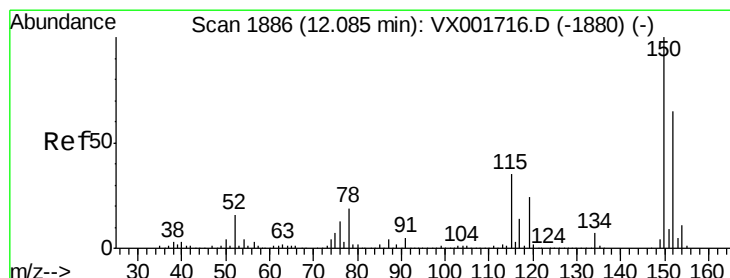
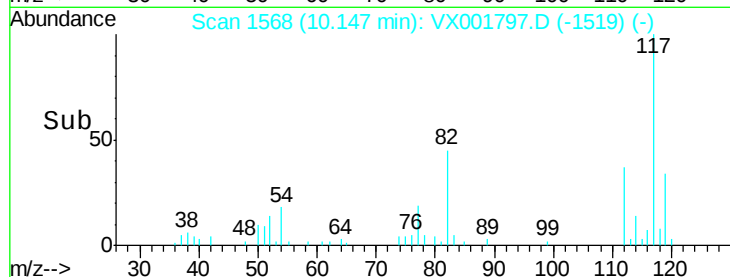
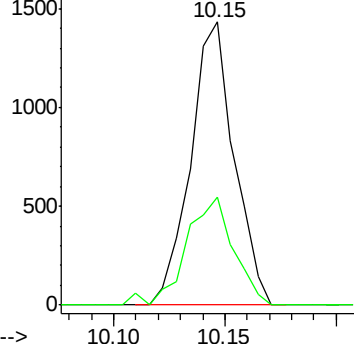
112 100

114 38.1 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

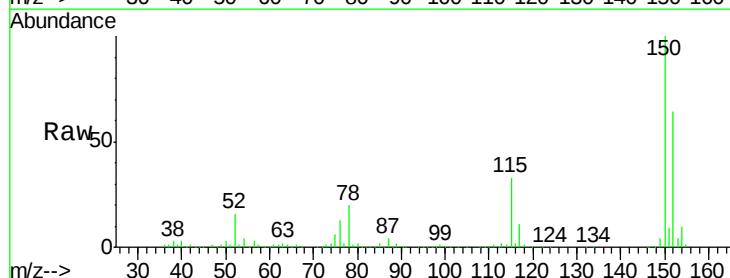
Tgt Ion:152 Resp: 126574

Ion Ratio Lower Upper

152 100

115 51.9 37.4 112.2

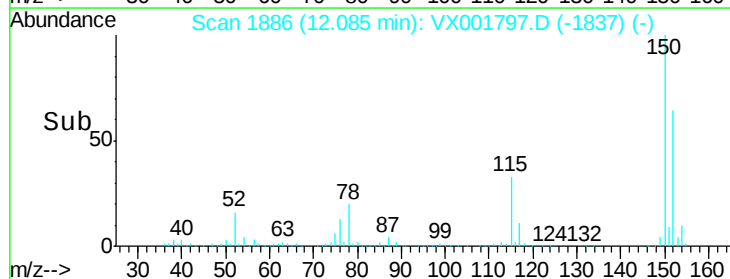
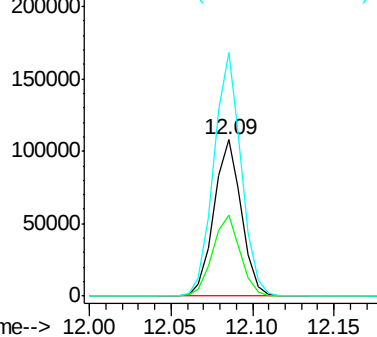
150 155.5 0.0 344.8

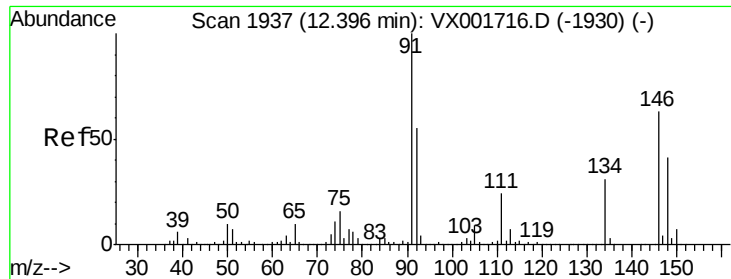


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 1.21 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001797.D

Acq: 17 May 2018 18:13

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-180507

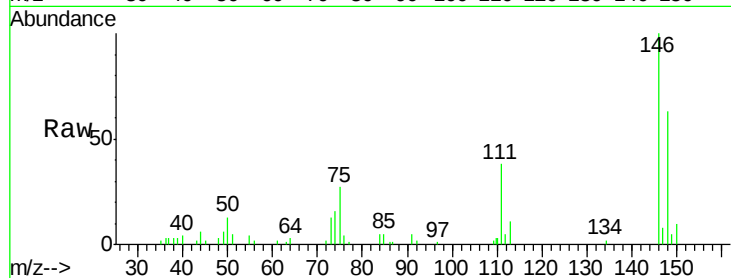
Tot Ion:146 Resp: 5457

Ion Ratio Lower Upper

146 100

111 37.9 18.6 56.0

148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

