

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001794.D
 Acq On : 17 May 2018 16:53
 Operator : JC/MD
 Sample : J2853-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-180508

Quant Time: May 18 04:41:04 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	282953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154140	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	193905	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
35) Dibromofluoromethane	5.51	113	167169	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
50) Toluene-d8	8.72	98	588833	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	168599	40.56	ug/l	0.00
Spiked Amount			Recovery	=	81.12%	

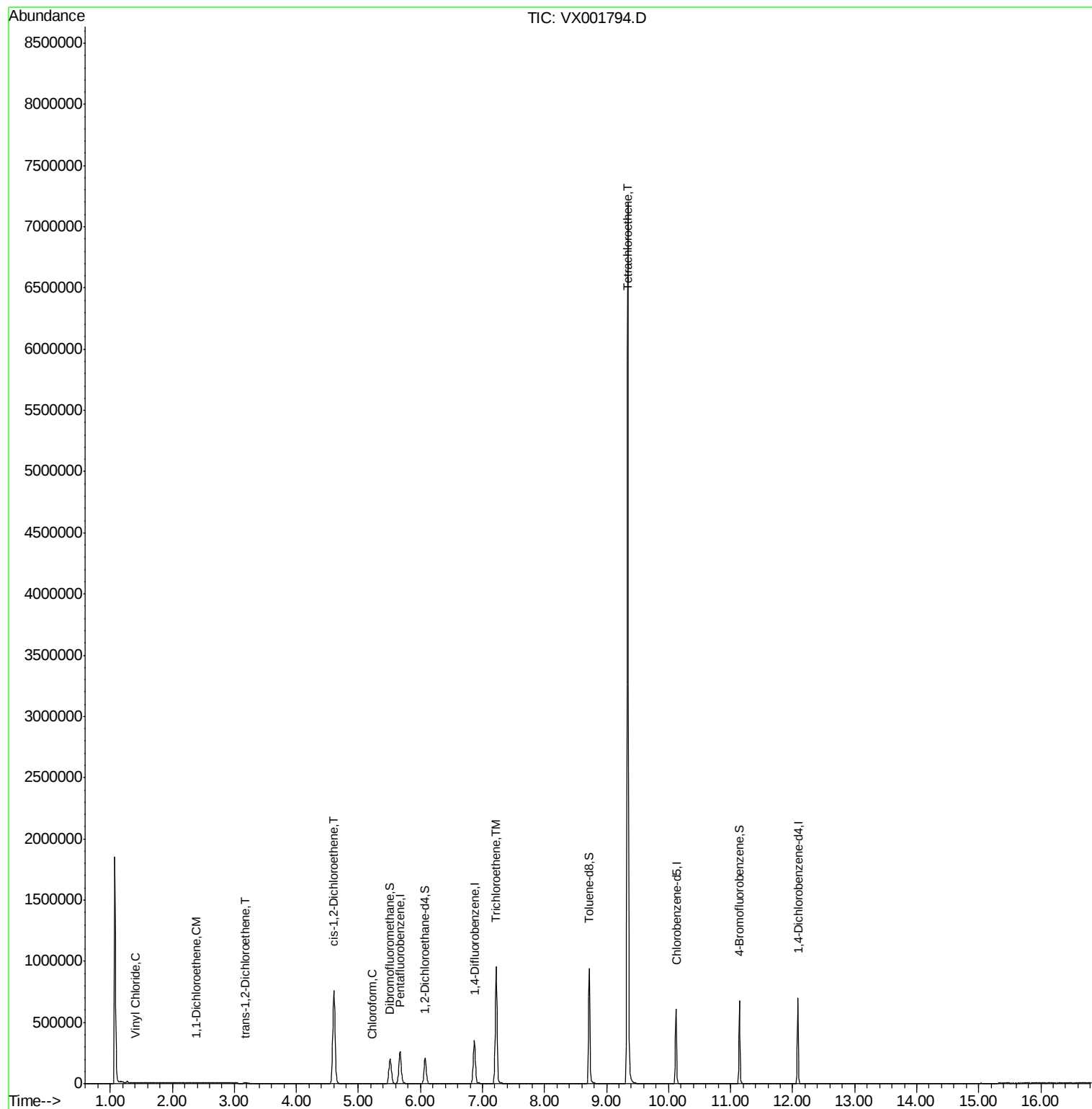
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	1132	0.34	ug/l #	71
12) 1,1-Dichloroethene	2.38	96	1003	0.36	ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	2232	0.72	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	501470	143.04	ug/l	89
30) Chloroform	5.23	83	1321	0.23	ug/l #	82
44) Trichloroethene	7.22	130	394298	98.07	ug/l	100
64) Tetrachloroethene	9.34	164	1604950	403.04	ug/l	98

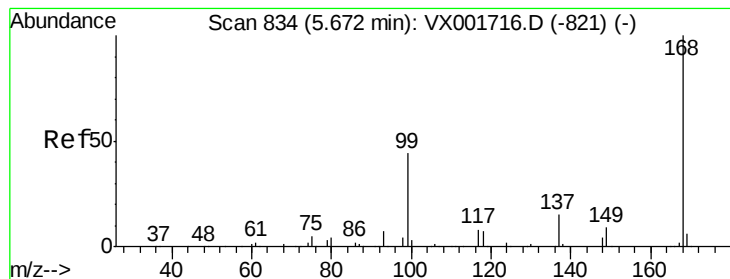
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

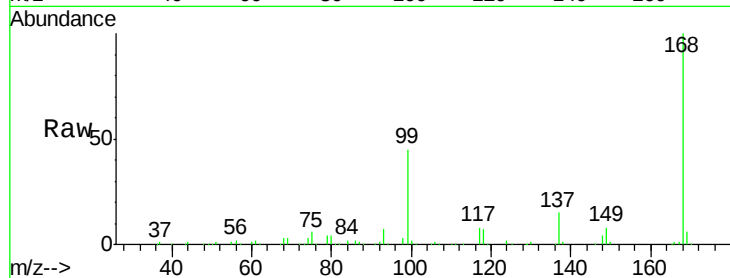
ST008MW158-180508

Tot Ion:168 Resp: 282953

Ion Ratio Lower Upper

168 100

99 45.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

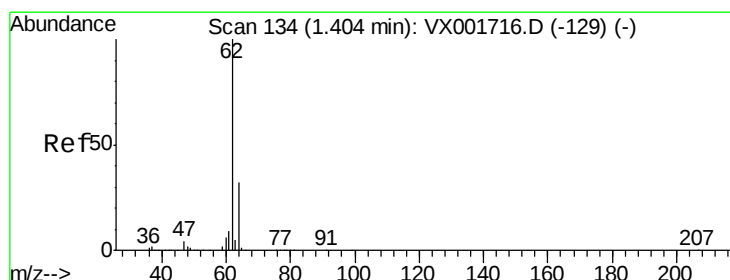
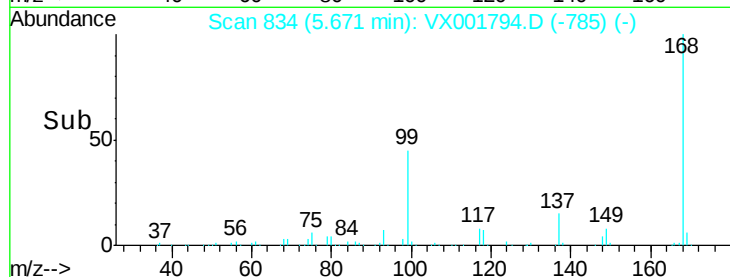
40000

20000

0

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 0.34 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001794.D

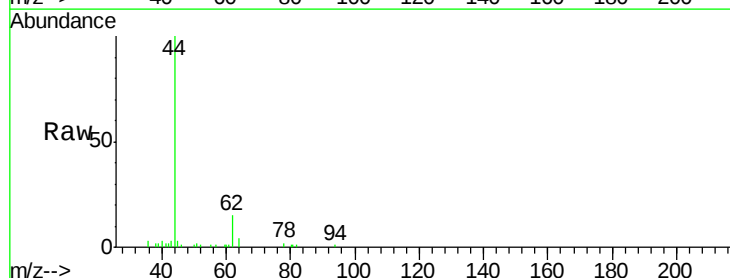
Acq: 17 May 2018 16:53

Tgt Ion: 62 Resp: 1132

Ion Ratio Lower Upper

62 100

64 15.9 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1000

800

600

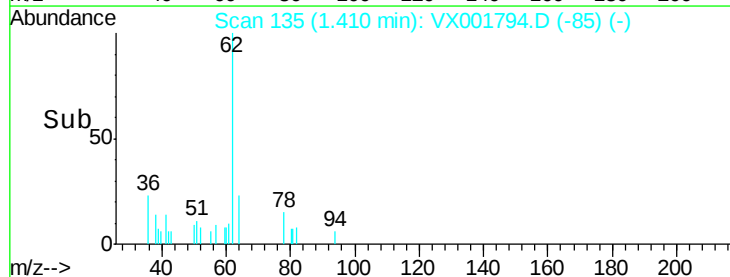
400

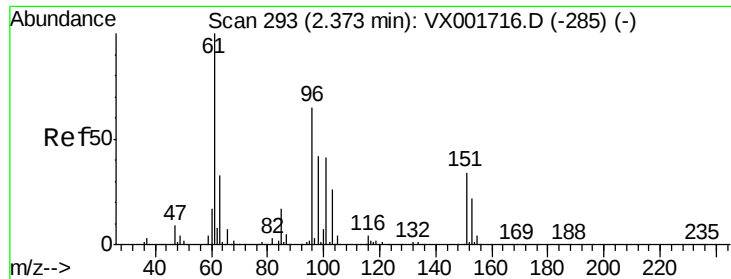
200

0

1.35 1.40 1.45

Time-->

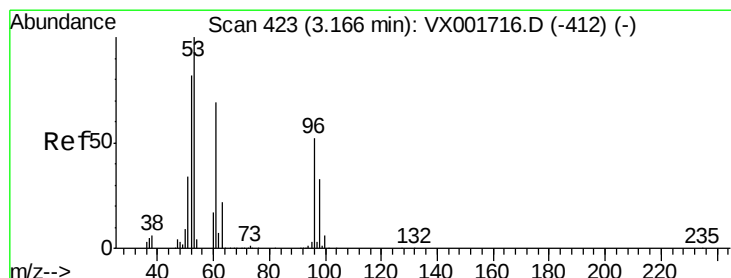
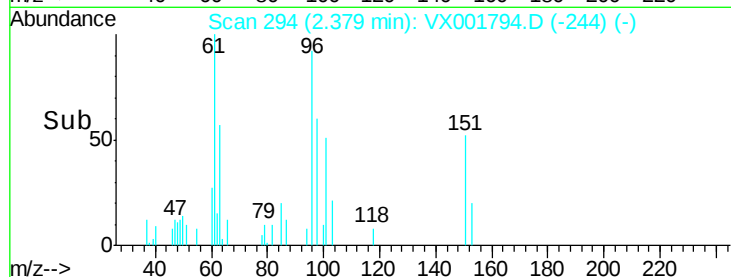
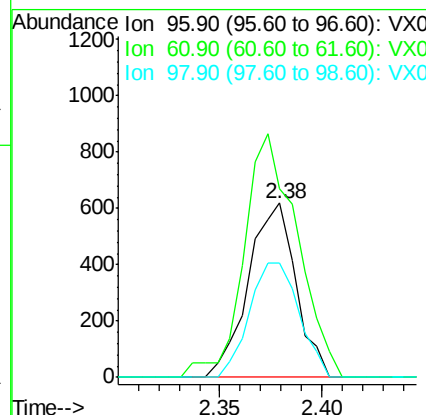
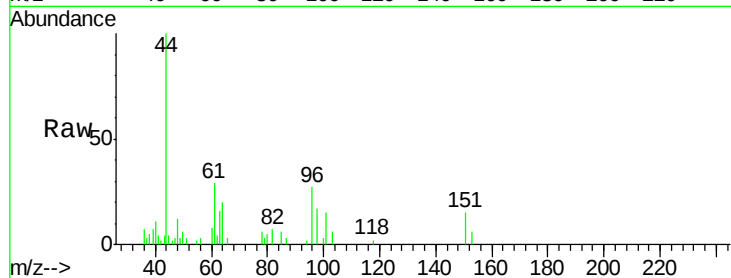




#12
 1,1-Dichloroethene
 Concen: 0.36 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001794.D
 Acq: 17 May 2018 16:53

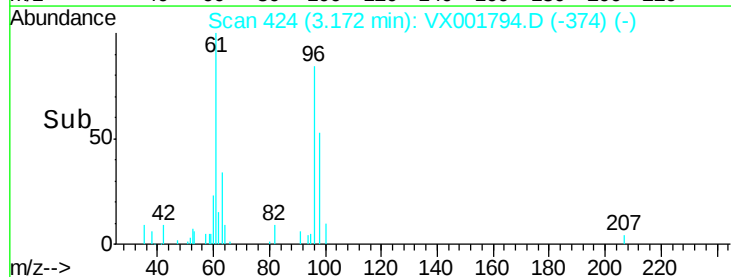
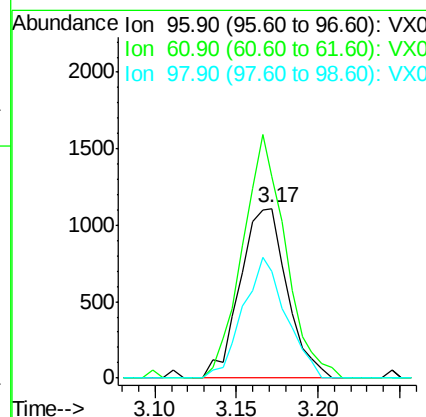
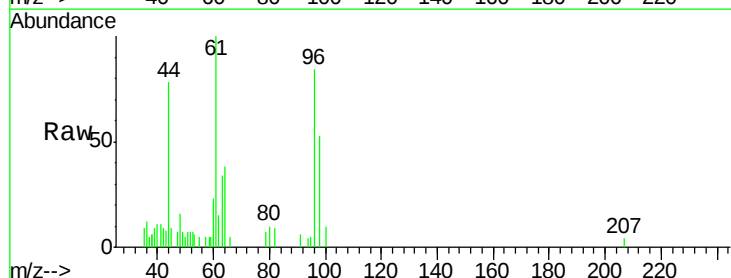
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-180508

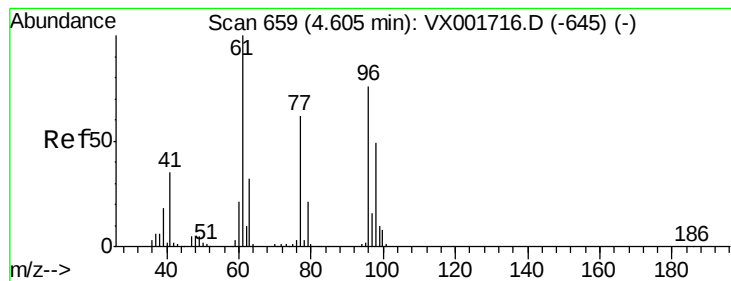
Tot Ion: 96 Resp: 1003
 Ion Ratio Lower Upper
 96 100
 61 108.2 122.2 183.2#
 98 65.4 51.4 77.0



#21
 trans-1,2-Dichloroethene
 Concen: 0.72 ug/l
 RT: 3.17 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX001794.D
 Acq: 17 May 2018 16:53

Tgt Ion: 96 Resp: 2232
 Ion Ratio Lower Upper
 96 100
 61 118.8 105.8 158.8
 98 63.0 50.2 75.4





#27

cis-1,2-Dichloroethene

Concen: 143.04 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

ST008MW158-180508

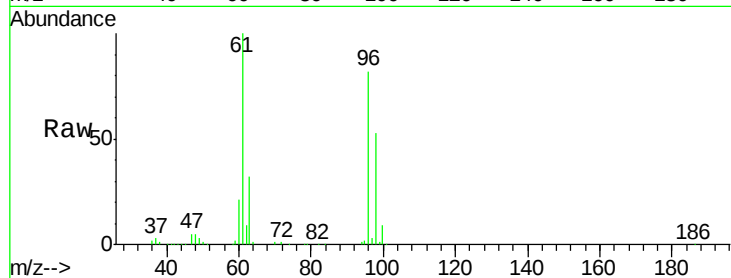
Tot Ion: 96 Resp: 501470

Ion Ratio Lower Upper

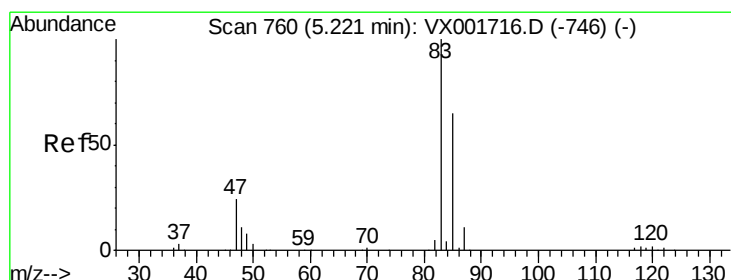
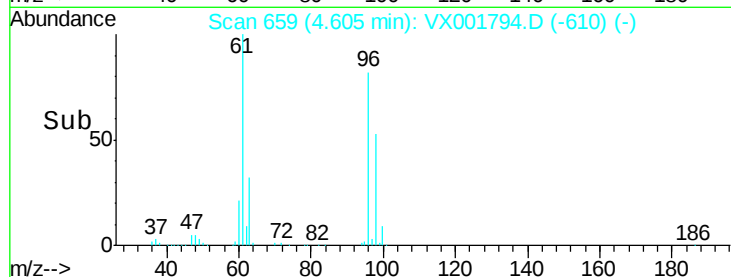
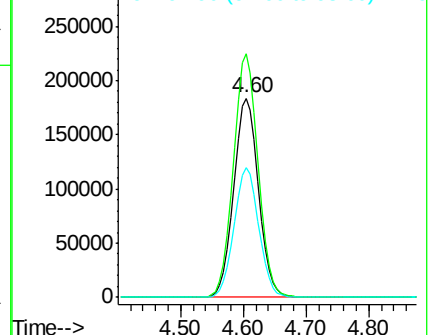
96 100

61 121.8 0.0 280.4

98 65.0 0.0 128.4



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



#30

Chloroform

Concen: 0.23 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001794.D

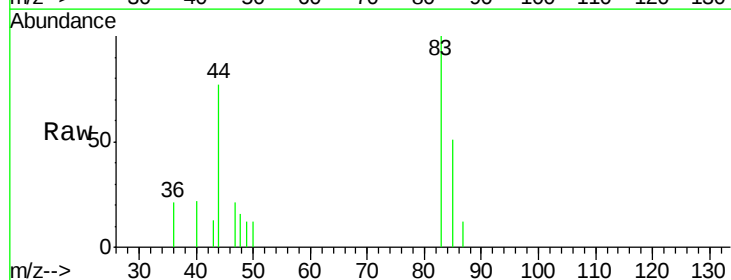
Acq: 17 May 2018 16:53

Tgt Ion: 83 Resp: 1321

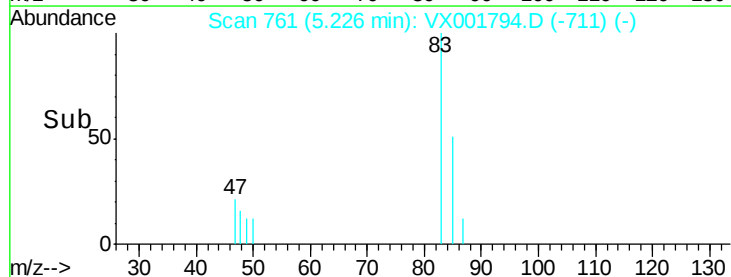
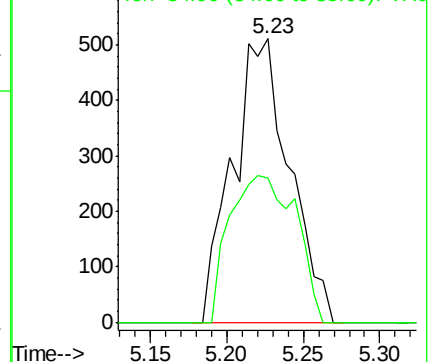
Ion Ratio Lower Upper

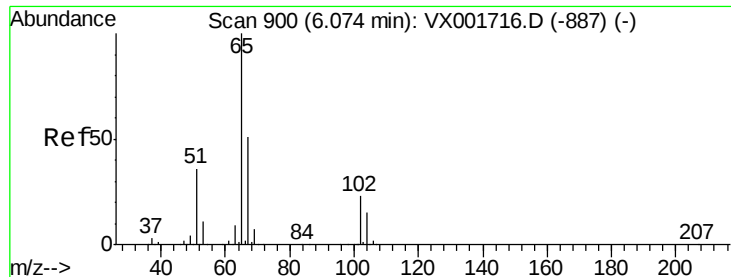
83 100

85 50.9 52.3 78.5#



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: 51.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

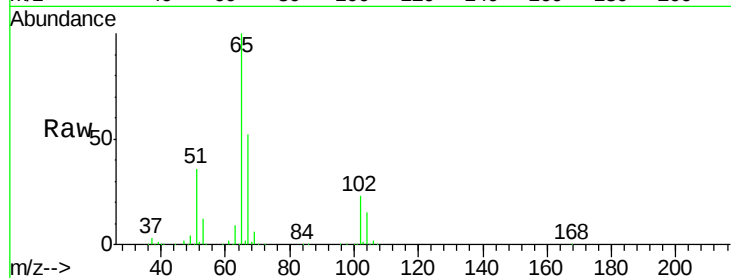
ST008MW158-180508

Tot Ion: 65 Resp: 193905

Ion Ratio Lower Upper

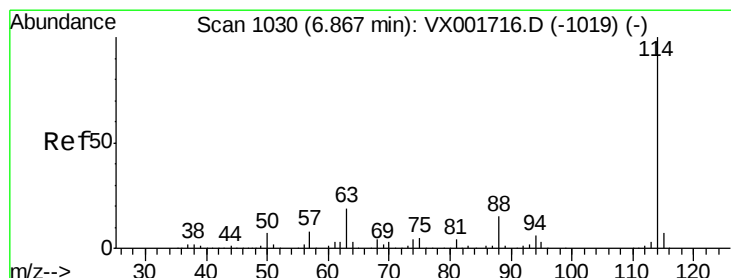
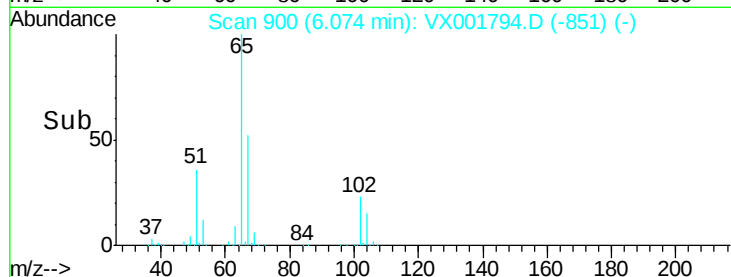
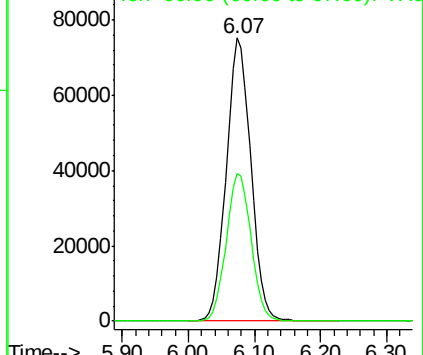
65 100

67 52.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

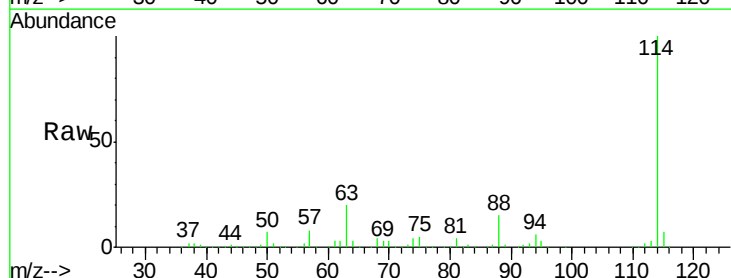
Tgt Ion: 114 Resp: 381932

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.0

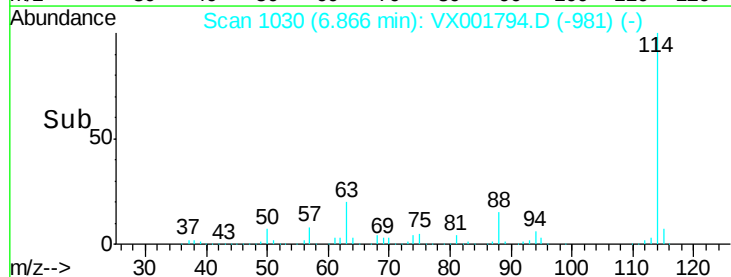
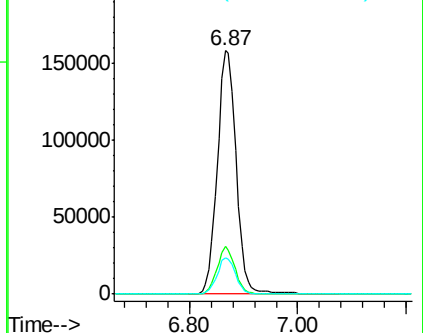
88 15.0 0.0 29.8

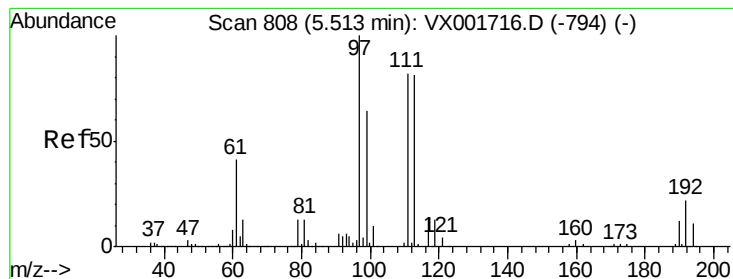


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.87 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

ST008MW158-180508

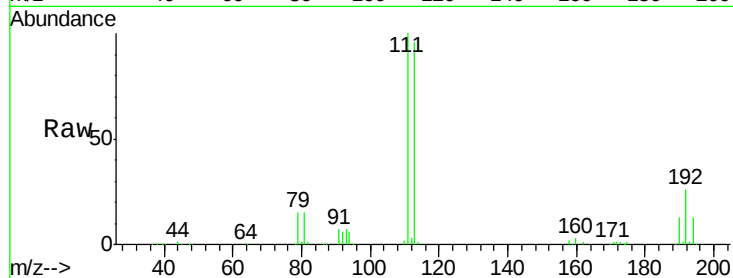
Tot Ion:113 Resp: 167169

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

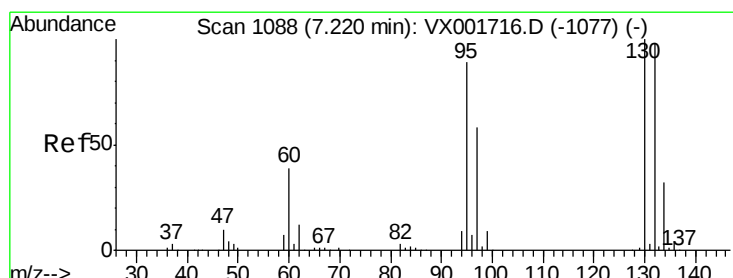
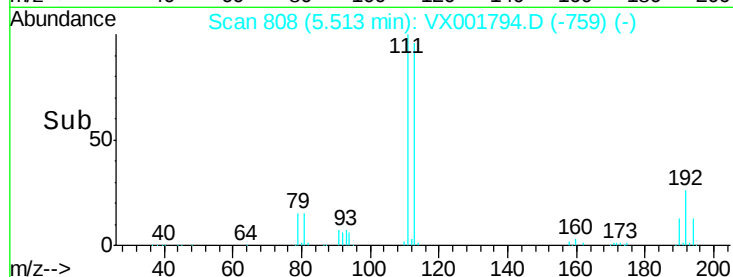
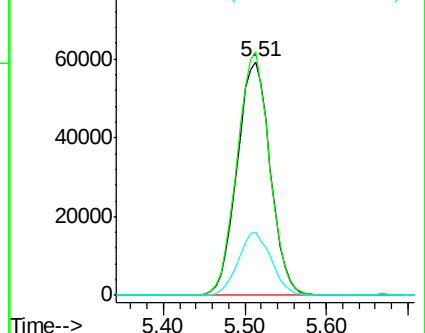
192 27.0 21.6 32.4



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: 98.07 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001794.D

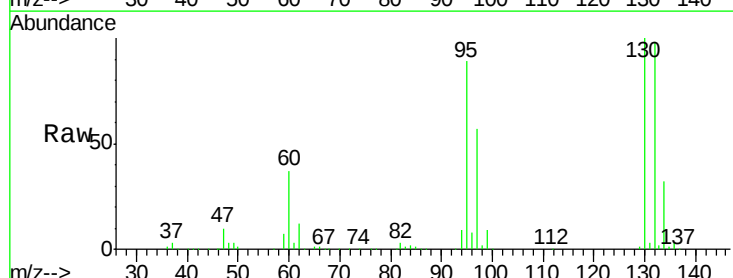
Acq: 17 May 2018 16:53

Tgt Ion:130 Resp: 394298

Ion Ratio Lower Upper

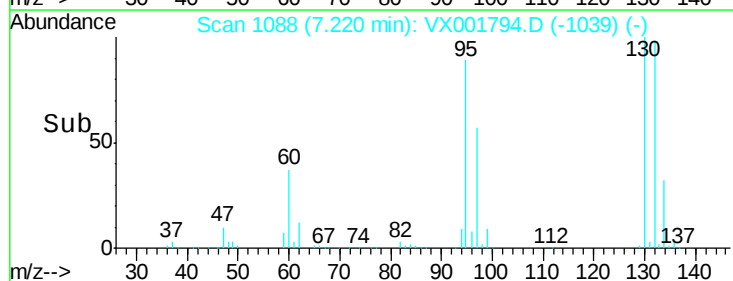
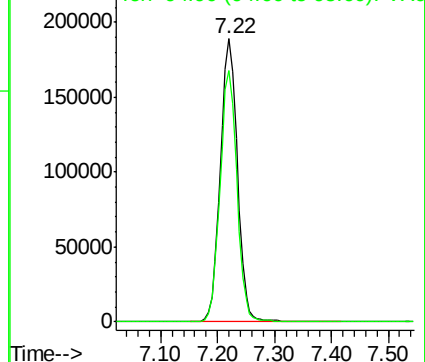
130 100

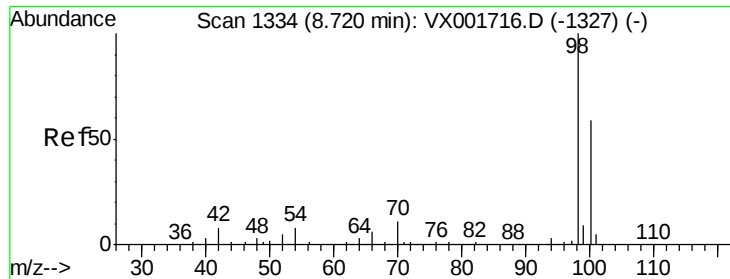
95 88.7 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.01 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

Instrument :

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ClientSampleId :

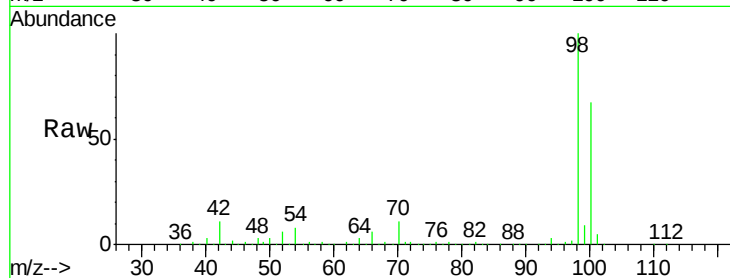
ST008MW158-180508

Tot Ion: 98 Resp: 588833

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

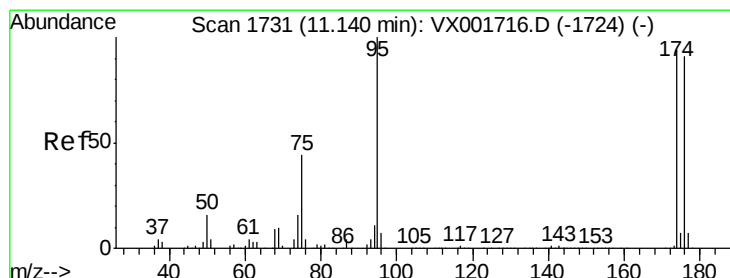
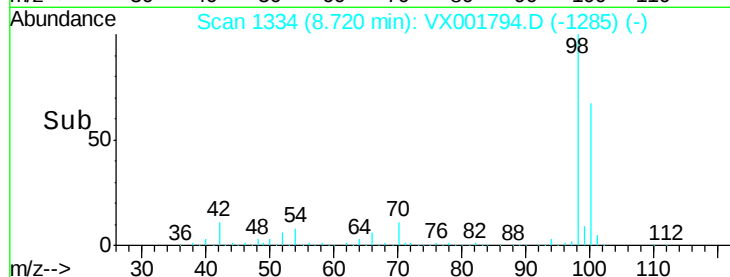
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

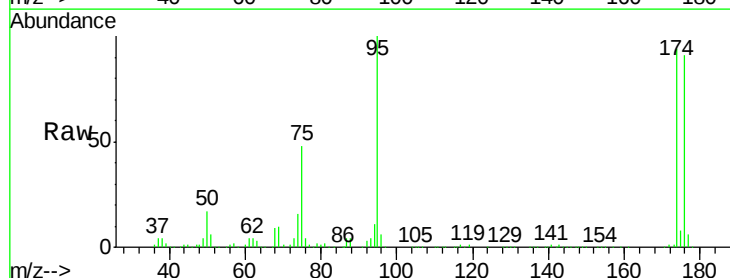
Tgt Ion: 95 Resp: 168599

Ion Ratio Lower Upper

95 100

174 104.1 0.0 201.8

176 100.9 0.0 196.8



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

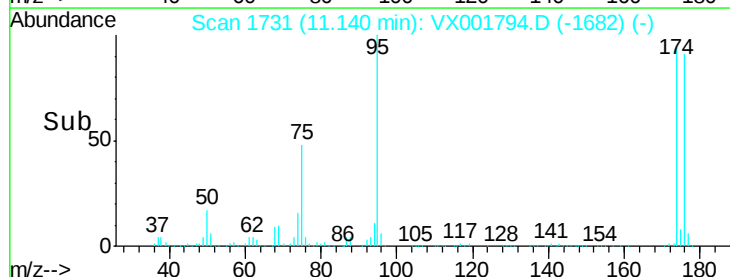
150000

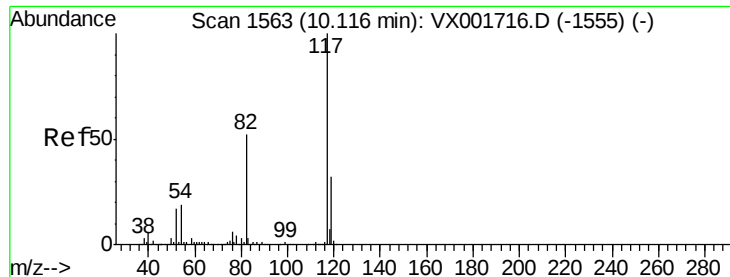
100000

50000

0

Time-->

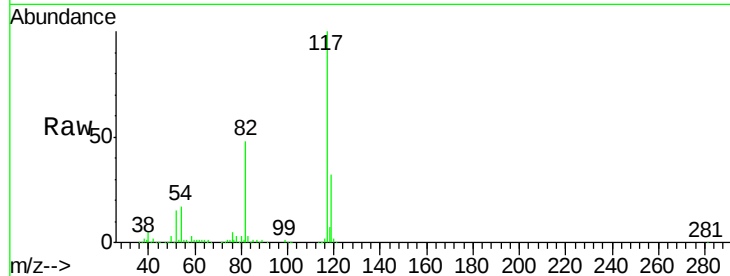




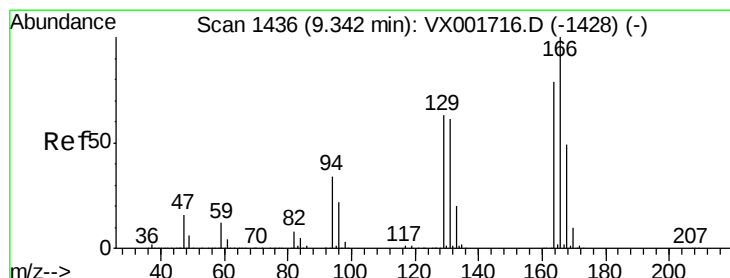
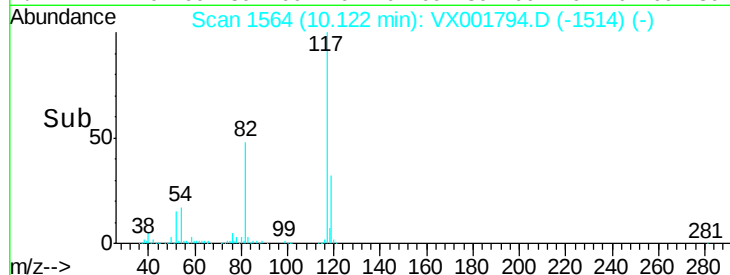
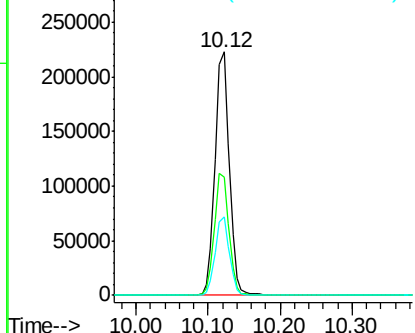
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001794.D
Acq: 17 May 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-180508

Tot Ion:117 Resp: 305898
Ion Ratio Lower Upper
117 100
82 48.4 41.4 62.2
119 32.4 25.6 38.4

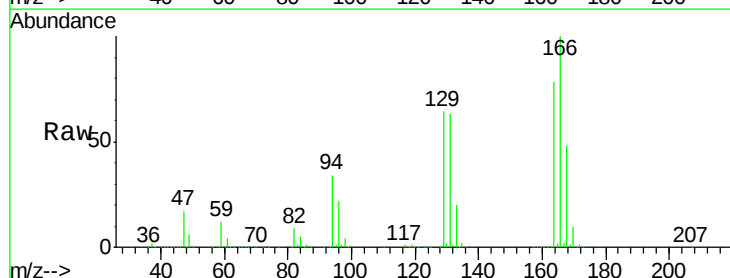


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

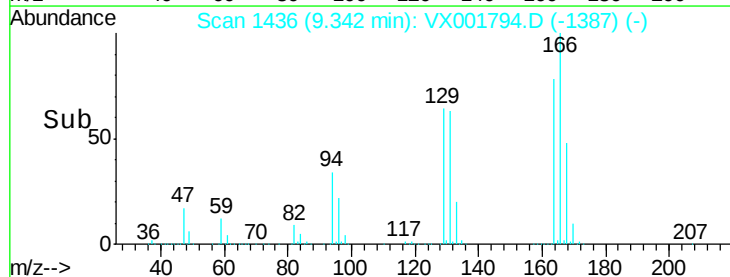
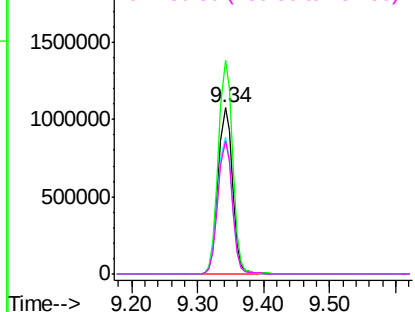


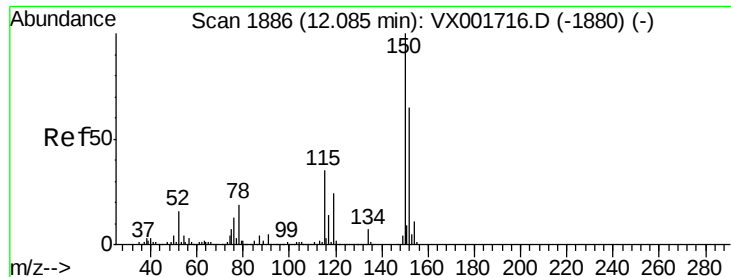
#64
Tetrachloroethene
Concen: 403.04 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001794.D
Acq: 17 May 2018 16:53

Tgt Ion:164 Resp: 1604950
Ion Ratio Lower Upper
164 100
166 128.4 101.8 152.8
129 82.7 63.8 95.6
131 80.3 62.2 93.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001794.D

Acq: 17 May 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

ST008MW158-180508

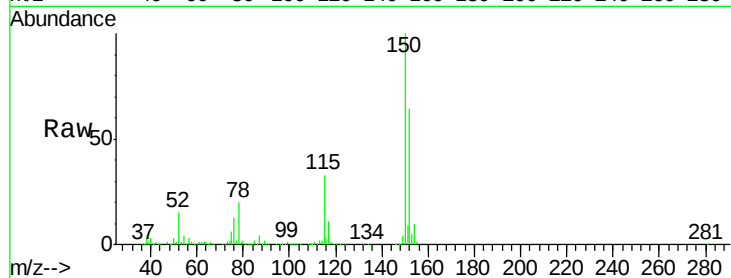
Tot Ion:152 Resp: 154140

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

150 156.5 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

