

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005215.D
 Acq On : 10 Oct 2018 19:07
 Operator : JC/MD
 Sample : J5317-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D1-20181005

Quant Time: Oct 11 07:17:34 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	173897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151264	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	133096	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	5.51	113	112385	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	8.72	98	401122	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	142462	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	

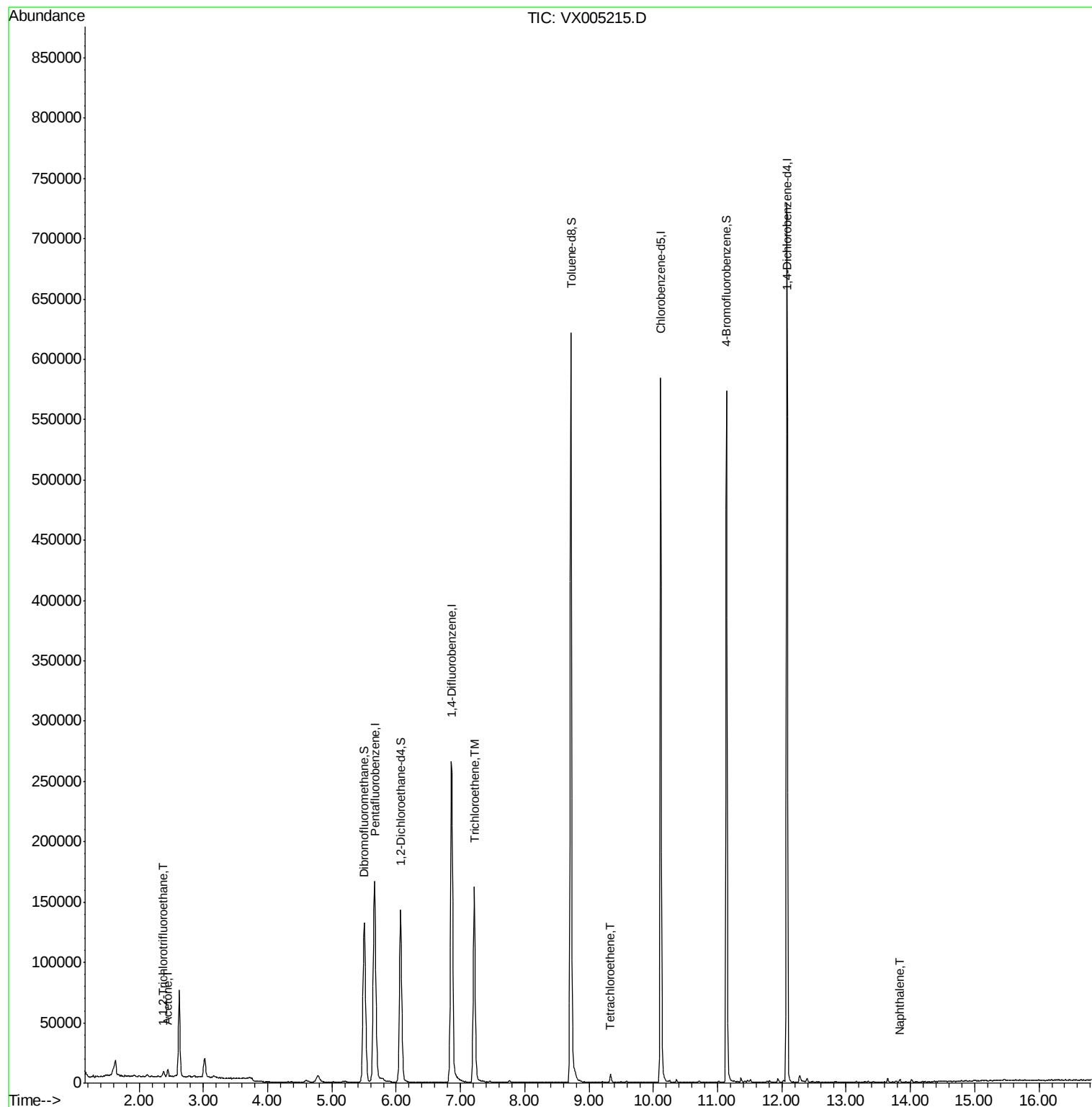
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1443	0.76	ug/l	98
16) Acetone	2.45	43	6064	4.18	ug/l	93
44) Trichloroethene	7.21	130	65097	26.54	ug/l	95
64) Tetrachloroethene	9.34	164	1164	0.43	ug/l	96
95) Naphthalene	13.83	128	1311	0.82	ug/l	96

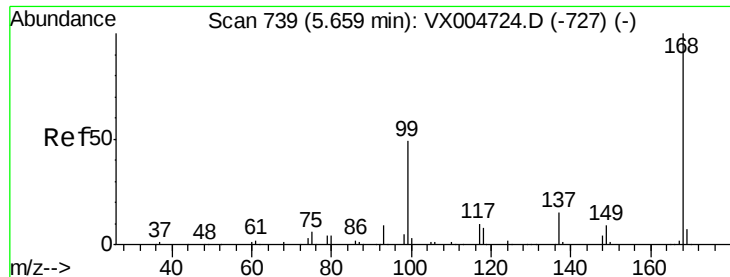
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005215.D

Acq: 10 Oct 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

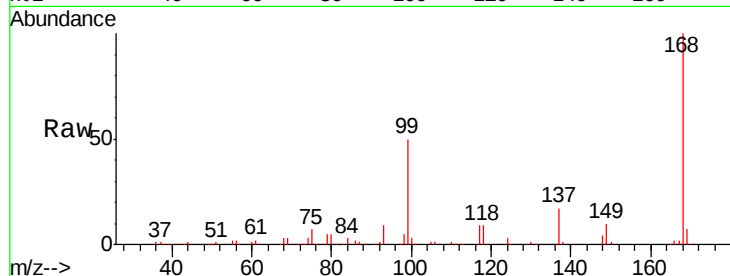
RE-109D1-20181005

Tgt Ion:168 Resp: 173897

Ion Ratio Lower Upper

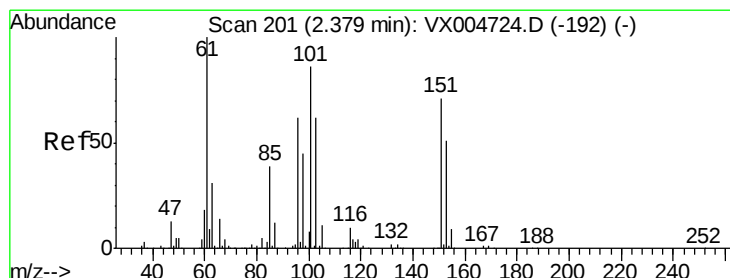
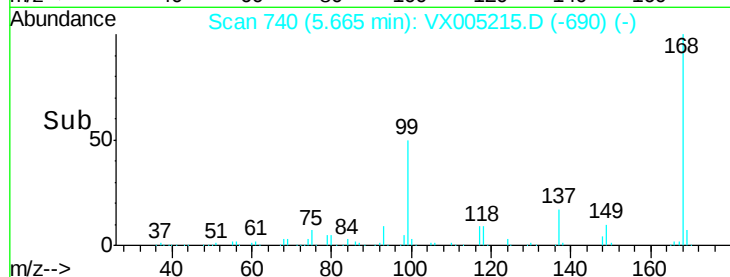
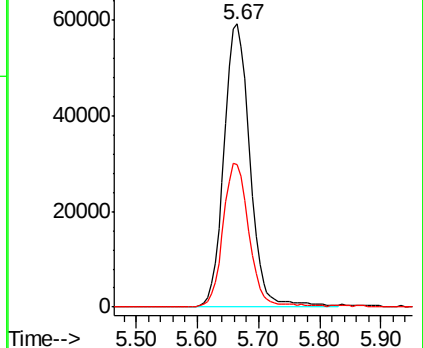
168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.76 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005215.D

Acq: 10 Oct 2018 19:07

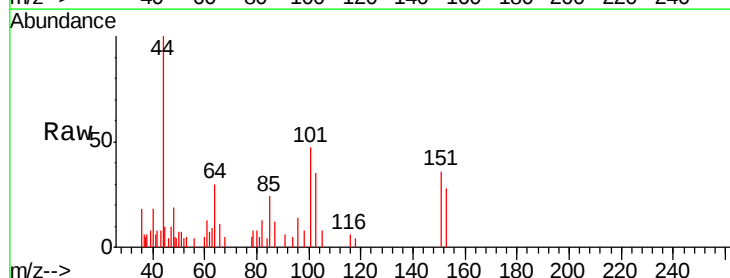
Tgt Ion:101 Resp: 1443

Ion Ratio Lower Upper

101 100

85 46.2 35.9 53.9

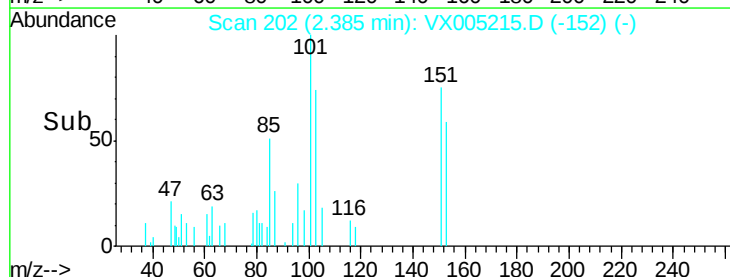
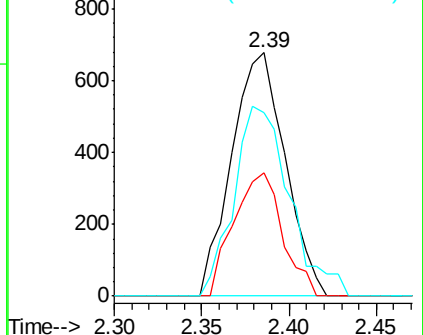
151 81.1 66.6 100.0

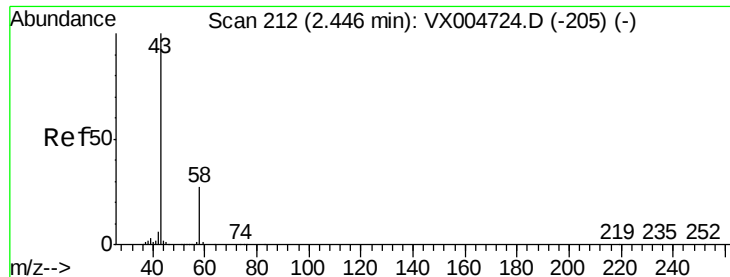


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#16

Acetone

Concen: 4.18 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005215.D

Acq: 10 Oct 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

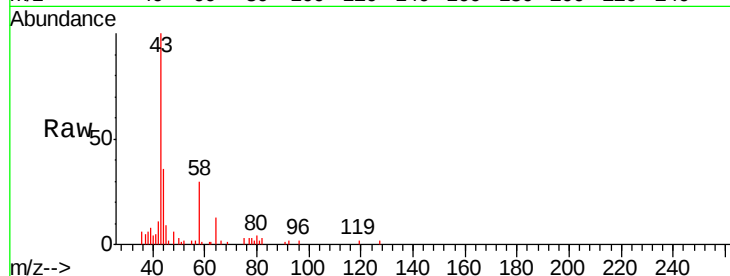
RE-109D1-20181005

Tgt Ion: 43 Resp: 6064

Ion Ratio Lower Upper

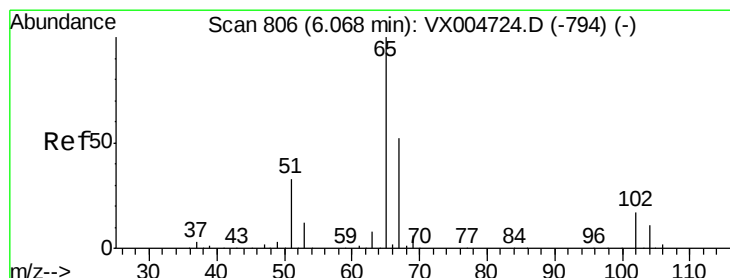
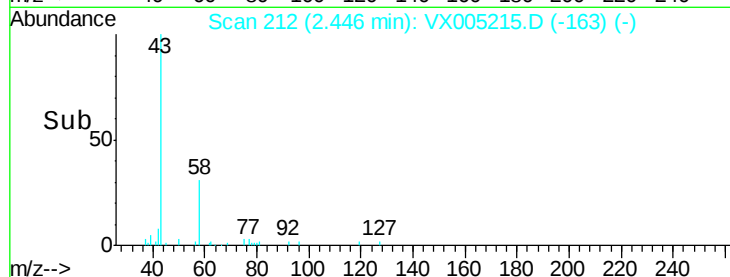
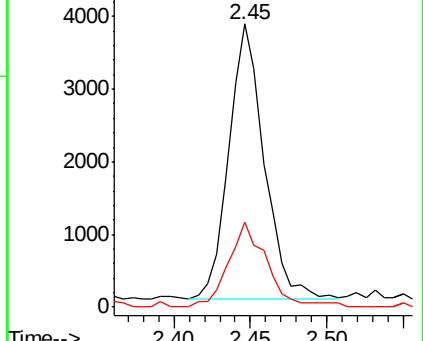
43 100

58 30.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.58 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005215.D

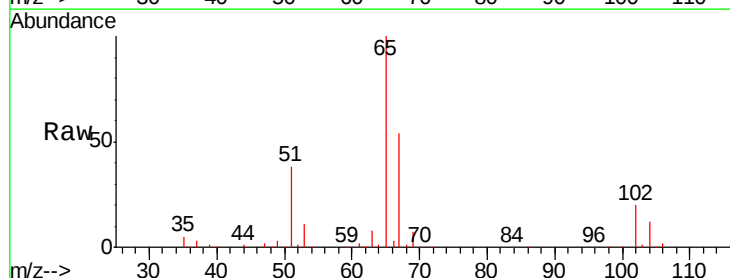
Acq: 10 Oct 2018 19:07

Tgt Ion: 65 Resp: 133096

Ion Ratio Lower Upper

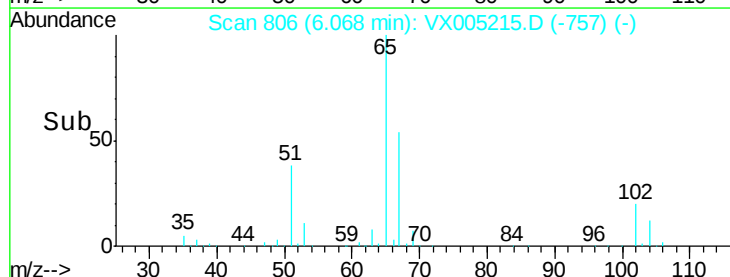
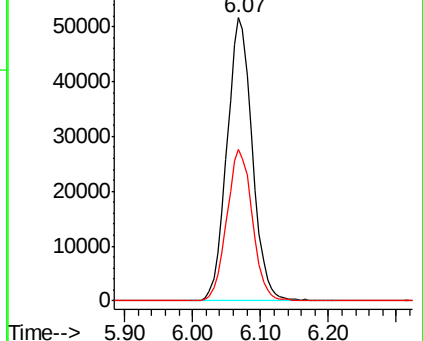
65 100

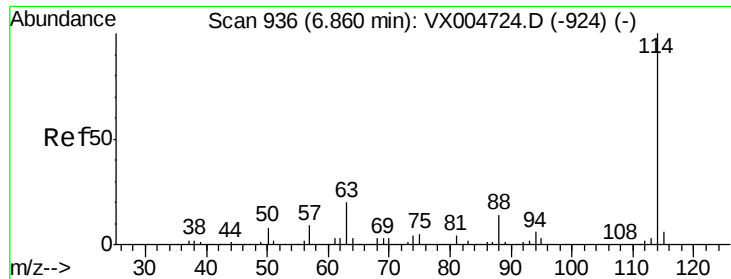
67 53.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

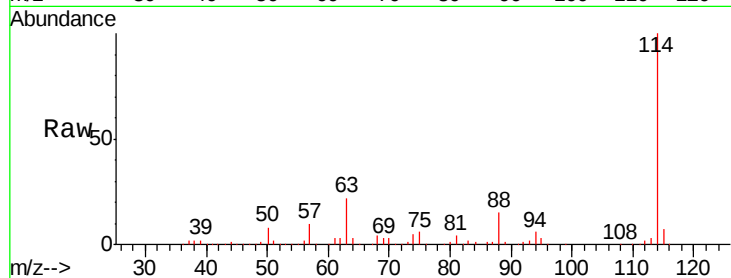




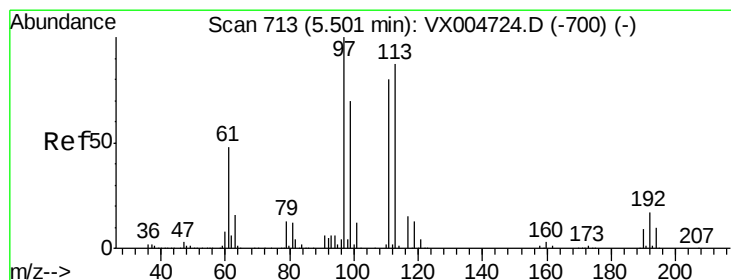
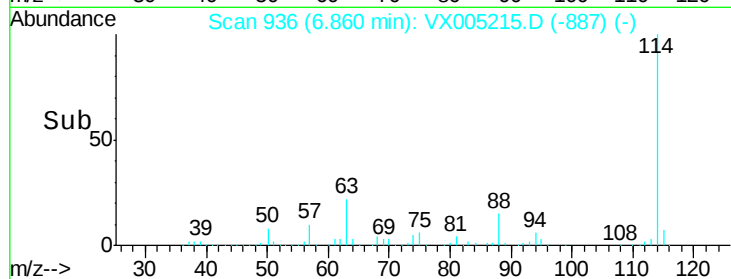
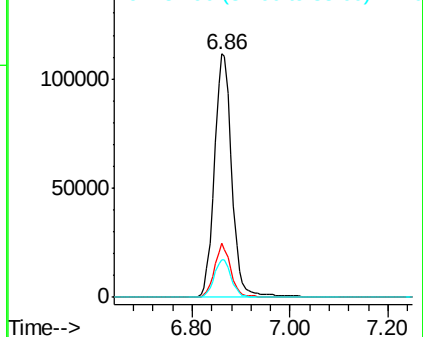
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005215.D
 Acq: 10 Oct 2018 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D1-20181005

Tgt Ion:114 Resp: 275601
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 39.8
 88 15.2 0.0 27.0

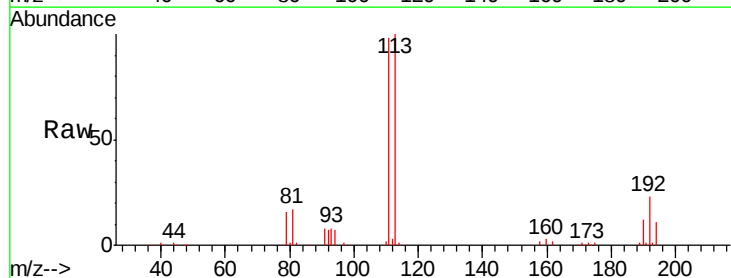


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

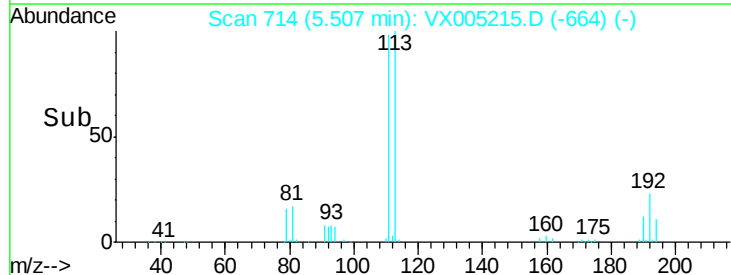
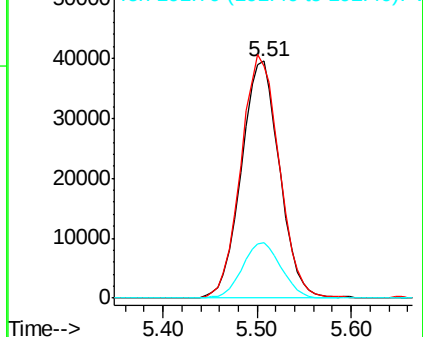


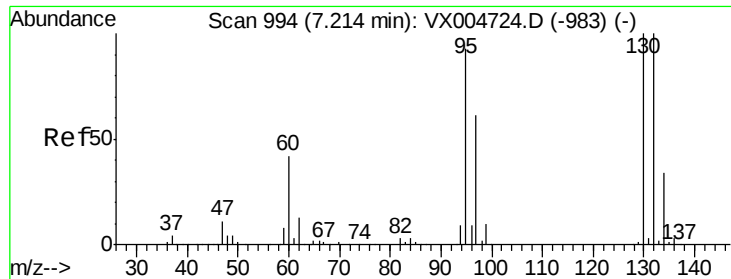
#35
 Dibromofluoromethane
 Concen: 48.12 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005215.D
 Acq: 10 Oct 2018 19:07

Tgt Ion:113 Resp: 112385
 Ion Ratio Lower Upper
 113 100
 111 103.2 77.0 115.4
 192 23.8 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





#44

Trichloroethene

Concen: 26.54 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005215.D

Acq: 10 Oct 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

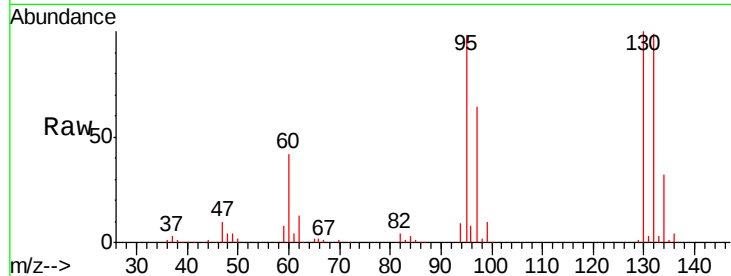
RE-109D1-20181005

Tgt Ion:130 Resp: 65097

Ion Ratio Lower Upper

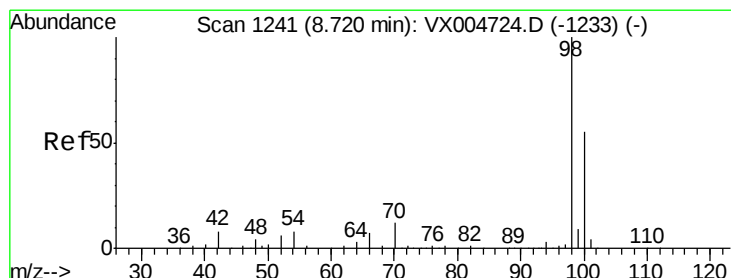
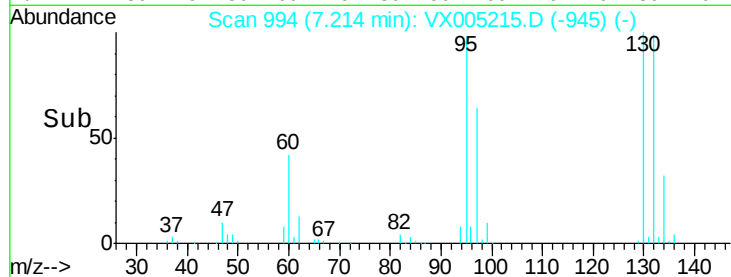
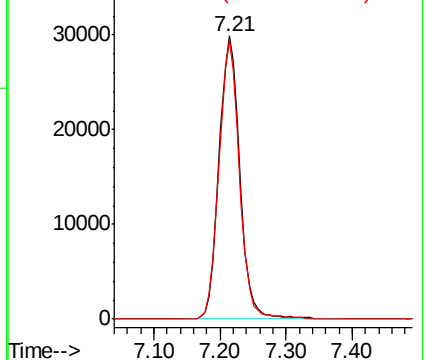
130 100

95 98.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.66 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005215.D

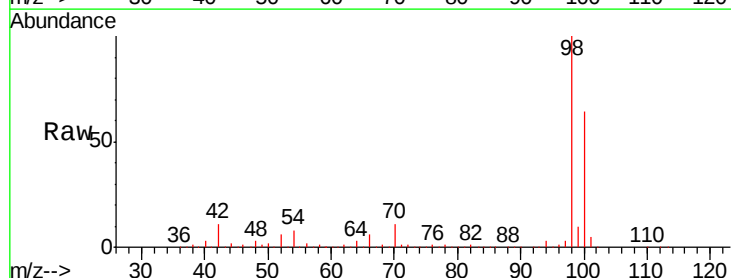
Acq: 10 Oct 2018 19:07

Tgt Ion: 98 Resp: 401122

Ion Ratio Lower Upper

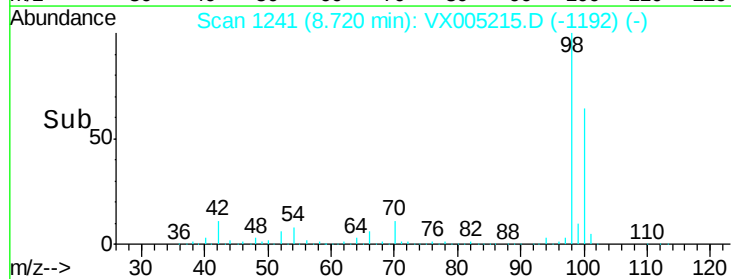
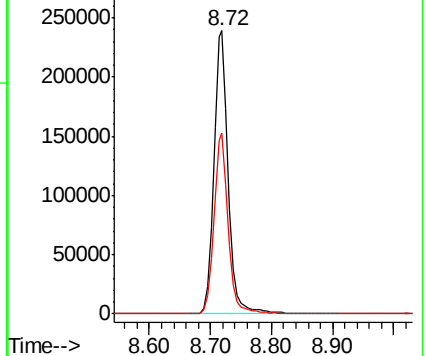
98 100

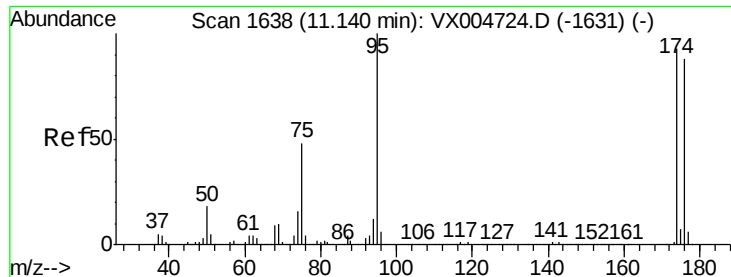
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

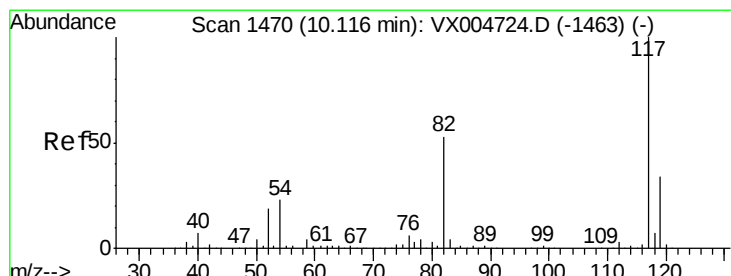
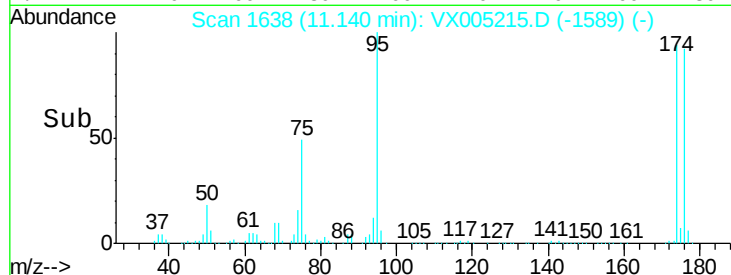
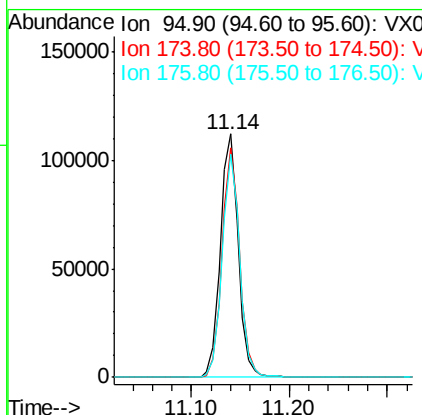
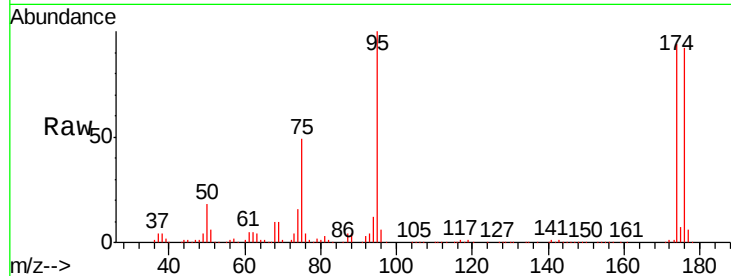




#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005215.D
Acq: 10 Oct 2018 19:07

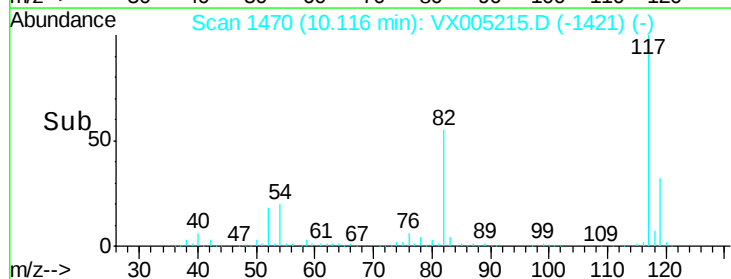
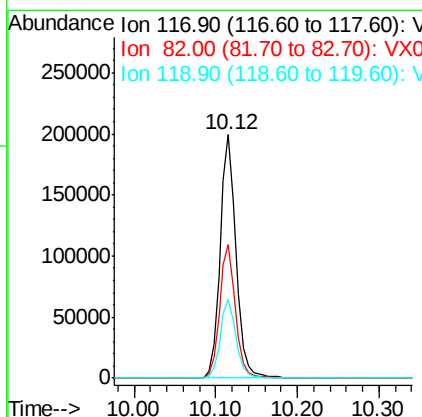
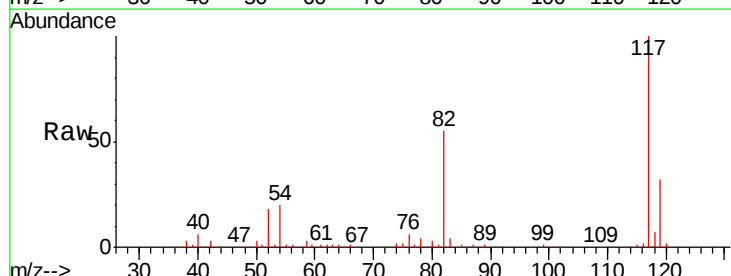
Instrument :
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ClientSampleId :
RE-109D1-20181005

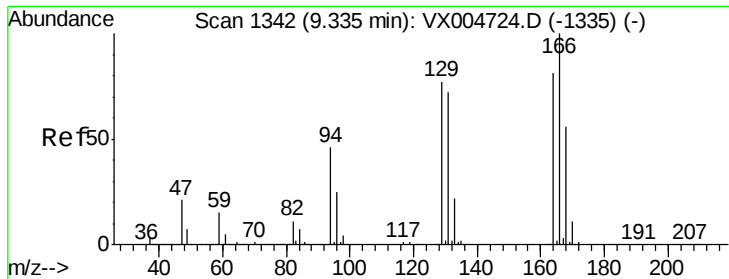
Tgt Ion: 95 Resp: 142462
Ion Ratio Lower Upper
95 100
174 93.1 0.0 185.0
176 89.9 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005215.D
Acq: 10 Oct 2018 19:07

Tgt Ion: 117 Resp: 272537
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.3 27.4 41.0





#64

Tetrachloroethene

Concen: 0.43 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005215.D

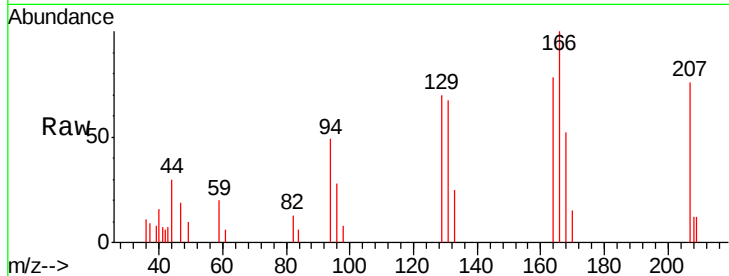
Acq: 10 Oct 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE-109D1-20181005



Tgt Ion:164 Resp: 1164

Ion Ratio Lower Upper

164 100

166 127.9 98.4 147.6

129 89.2 76.1 114.1

131 86.3 71.0 106.4

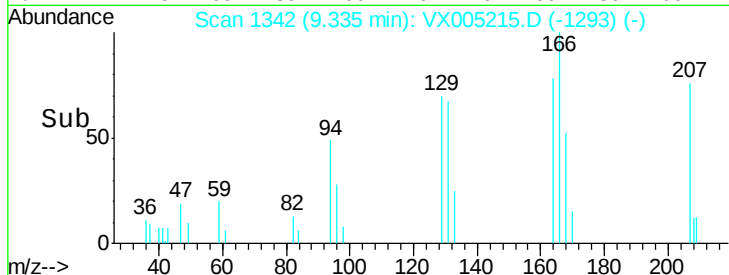
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



Abundance

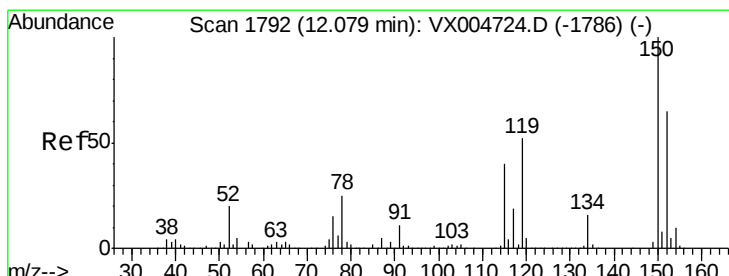
Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005215.D

Acq: 10 Oct 2018 19:07

Tgt Ion:152 Resp: 151264

Ion Ratio Lower Upper

152 100

115 55.2 40.2 120.6

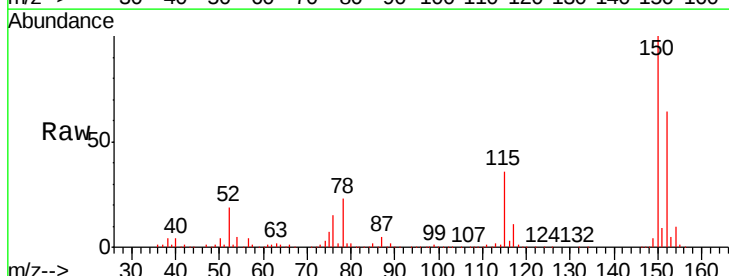
150 156.8 0.0 351.0

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

Time-->



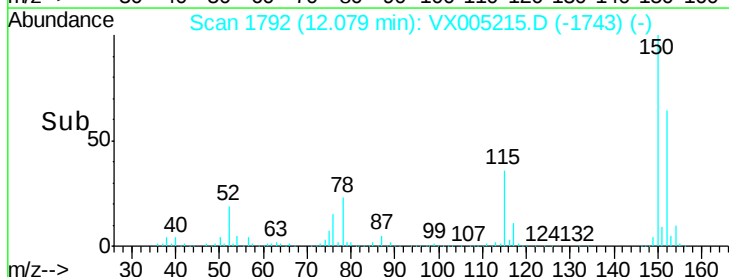
Abundance

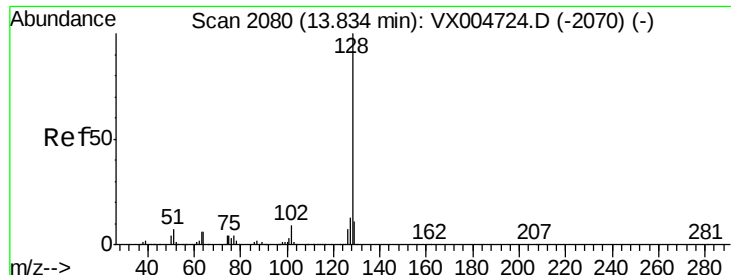
Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->





#95

Naphthalene

Concen: 0.82 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005215.D

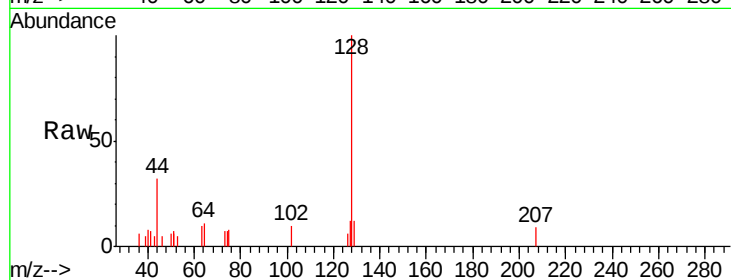
Acq: 10 Oct 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE-109D1-20181005



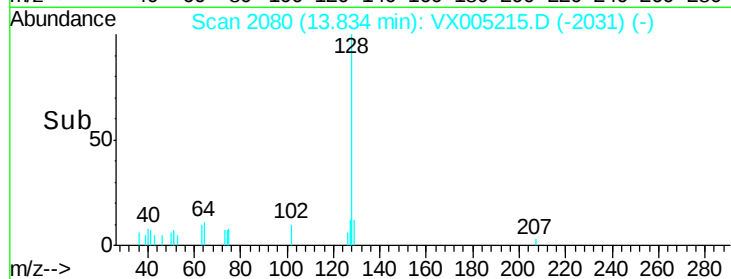
Tgt Ion:128 Resp: 1311

Ion Ratio Lower Upper

128 100

127 15.5 10.4 15.6

129 11.2 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

