

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006398.D
 Acq On : 11 Dec 2018 04:38
 Operator : JC/MD
 Sample : J6324-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D3-20181206

Quant Time: Dec 11 06:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	682595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1076404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	989353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469261	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	360509	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	5.51	113	329049	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
50) Toluene-d8	8.71	98	1266361	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.14	95	470598	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	

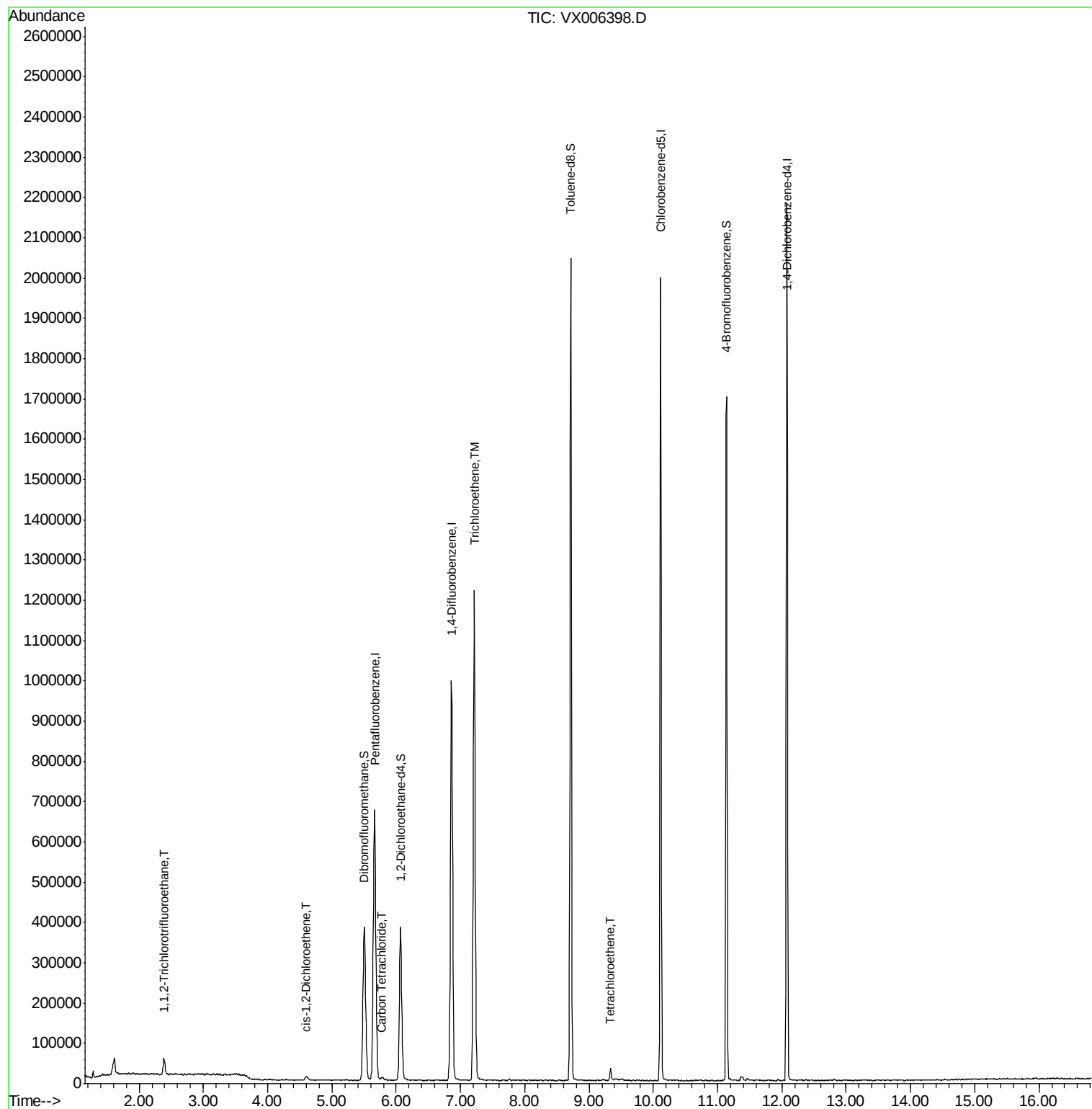
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	16079	2.492	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	6513	0.887	ug/l	90
38) Carbon Tetrachloride	5.78	117	6085	0.571	ug/l	86
44) Trichloroethene	7.21	130	487843	59.316	ug/l	96
64) Tetrachloroethene	9.34	164	5349	0.718	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006398.D
Acq On : 11 Dec 2018 04:38
Operator : JC/MD
Sample : J6324-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181206

Quant Time: Dec 11 06:08:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

Instrument :

MSVOA_X

ClientSampleId :

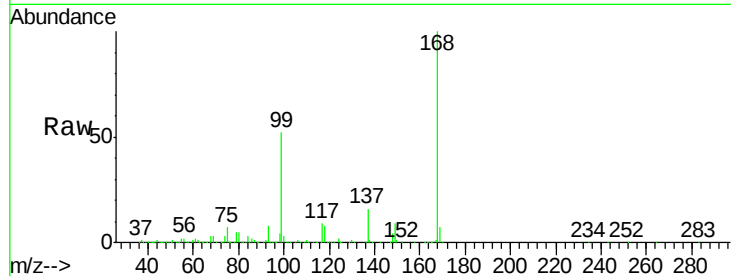
RE-109D3-20181206

Tot Ion:168 Resp: 682595

Ion Ratio Lower Upper

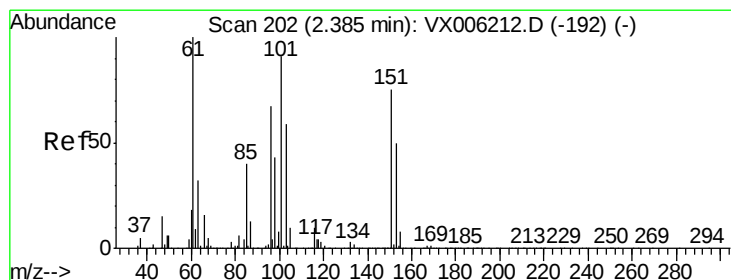
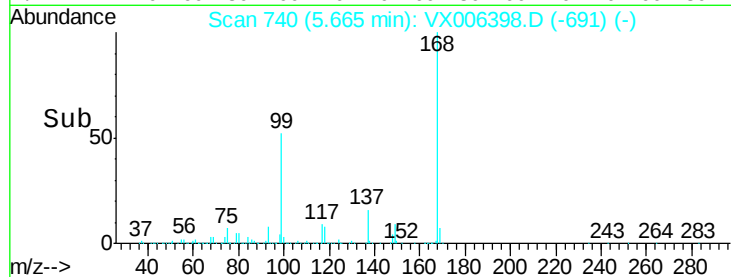
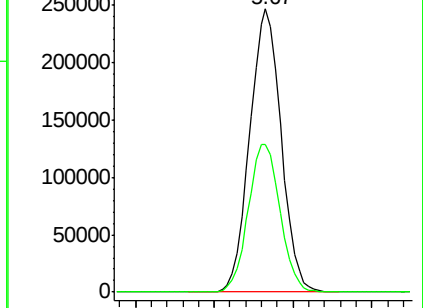
168 100

99 52.2 37.8 56.8



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: 2.492 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

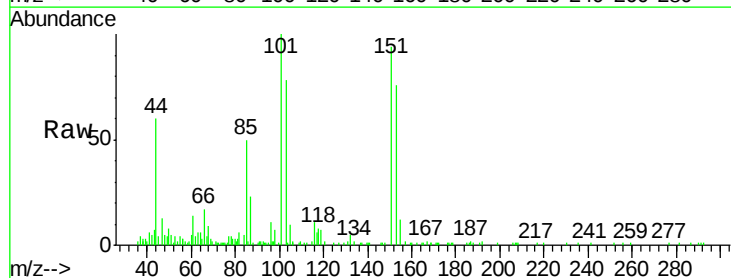
Tgt Ion:101 Resp: 16079

Ion Ratio Lower Upper

101 100

85 47.6 35.5 53.3

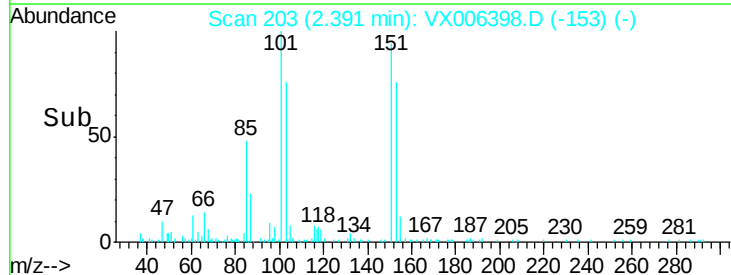
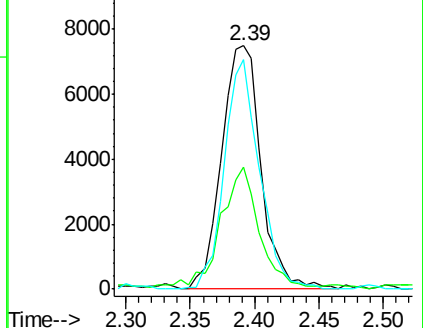
151 83.9 68.6 103.0

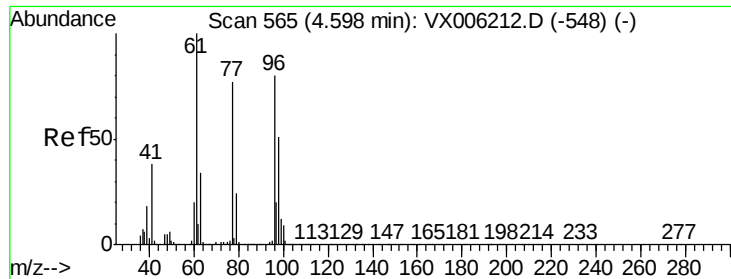


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



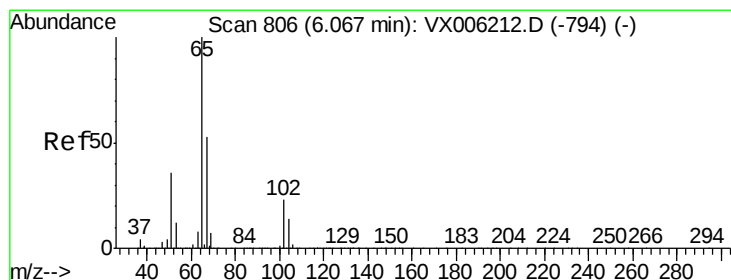
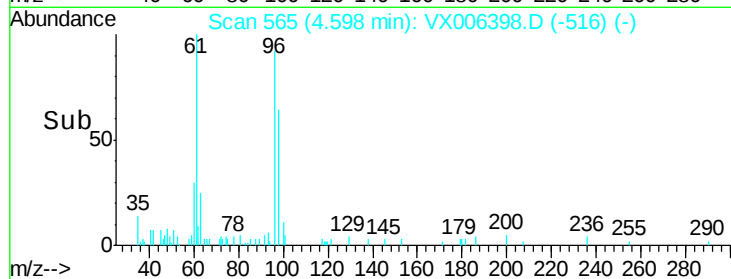
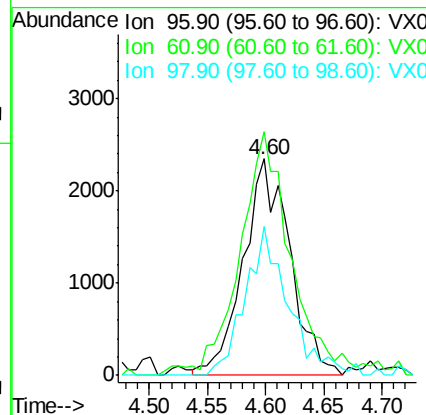
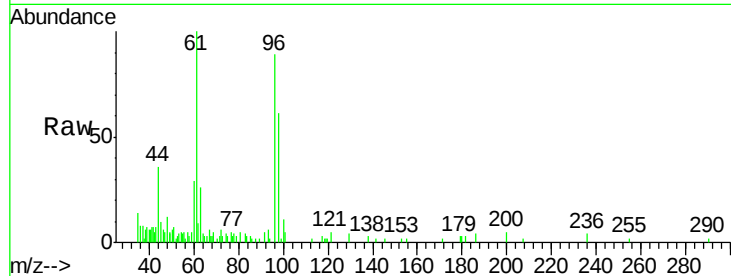


#27

cis-1,2-Dichloroethene
 Concen: 0.887 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006398.D
 Acq: 11 Dec 2018 04:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D3-20181206

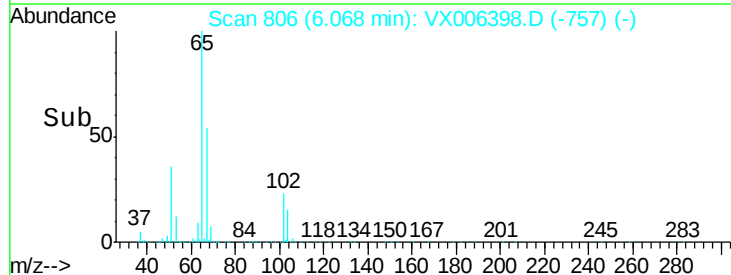
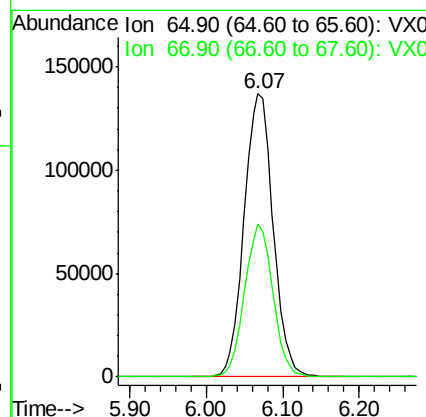
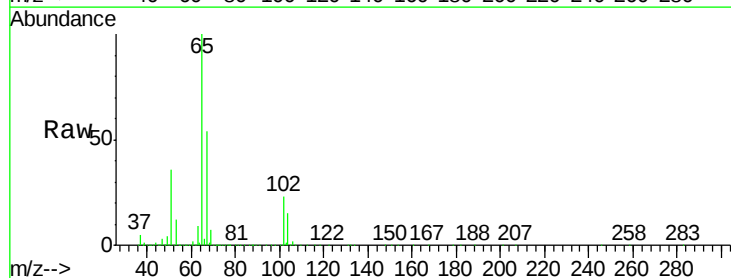
Tot Ion	Ratio	Lower	Upper
96	100		
61	115.2	0.0	265.0
98	64.1	0.0	130.2

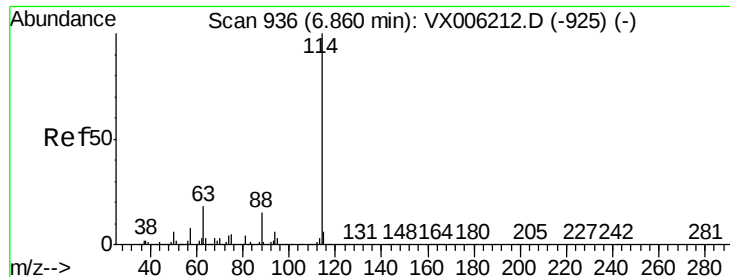


#33

1,2-Dichloroethane-d4
 Concen: 51.736 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006398.D
 Acq: 11 Dec 2018 04:38

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

Instrument :

MSVOA_X

ClientSampleId :

RE-109D3-20181206

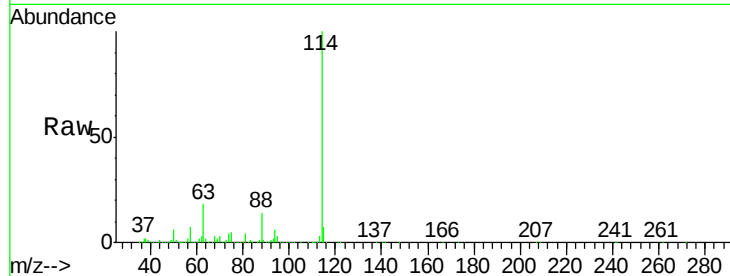
Tot Ion:114 Resp: 1076404

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

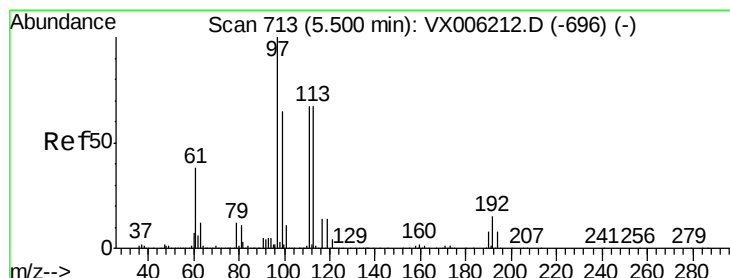
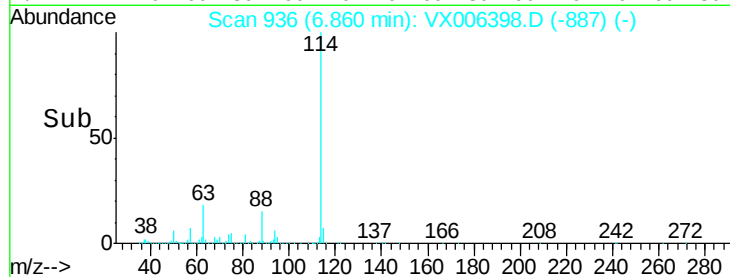
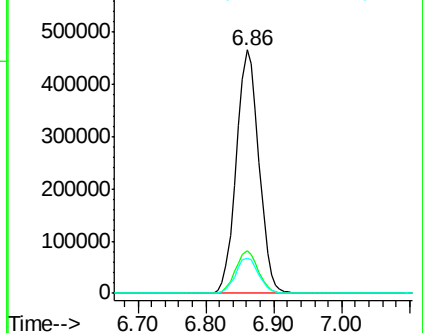
88 14.5 0.0 29.0



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: 47.214 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

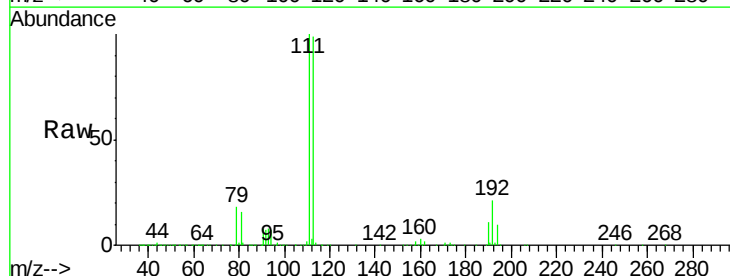
Tgt Ion:113 Resp: 329049

Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

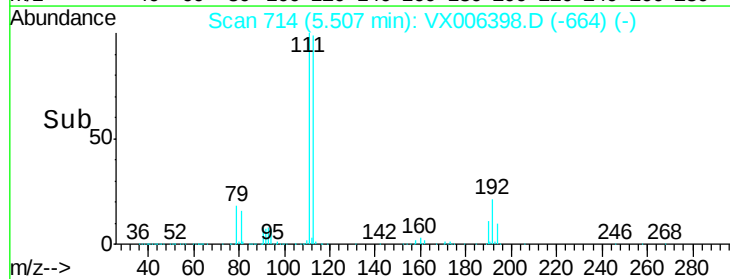
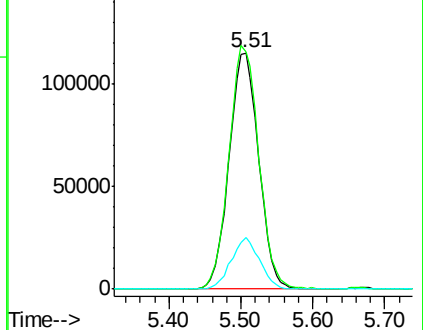
192 21.0 18.2 27.2

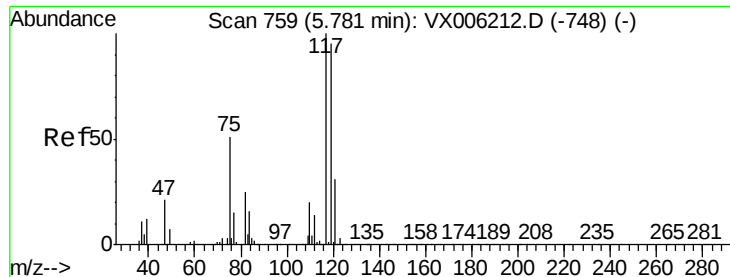


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 0.571 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

Instrument :

MSVOA_X

ClientSampleId :

RE-109D3-20181206

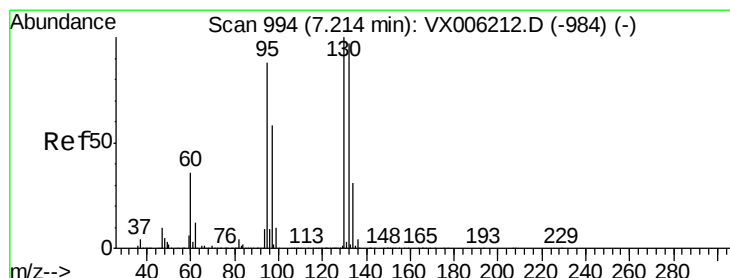
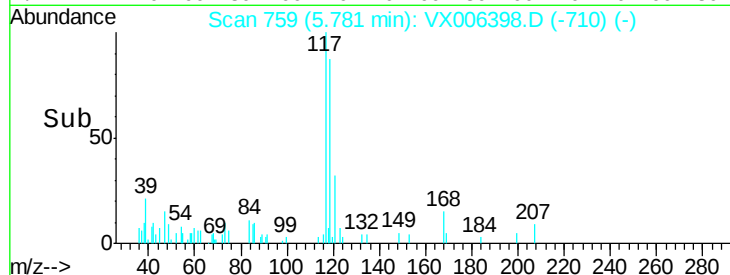
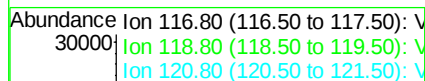
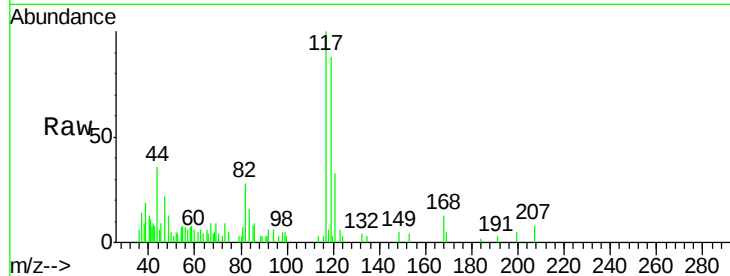
Tot Ion:117 Resp: 6085

Ion Ratio Lower Upper

117 100

119 78.2 75.8 113.8

121 33.4 24.6 37.0



#44

Trichloroethene

Concen: 59.316 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006398.D

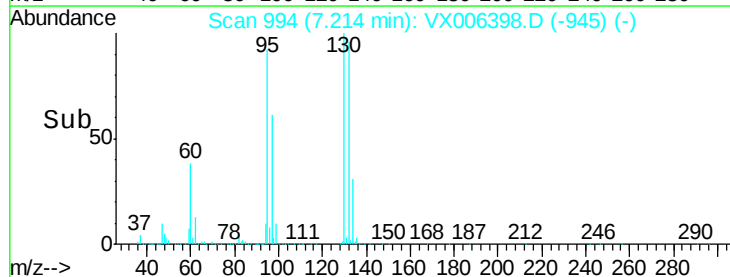
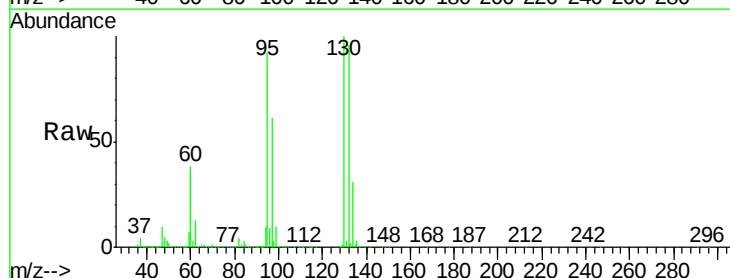
Acq: 11 Dec 2018 04:38

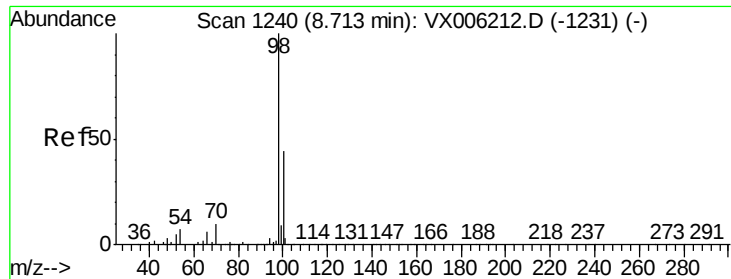
Tgt Ion:130 Resp: 487843

Ion Ratio Lower Upper

130 100

95 91.9 0.0 175.8





#50

Toluene-d8

Concen: 49.955 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

Instrument :

MSVOA_X

ClientSampleId :

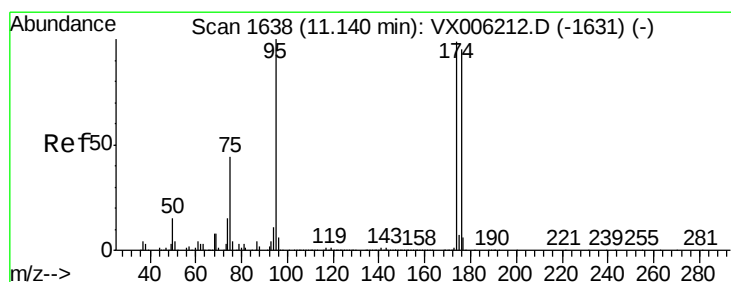
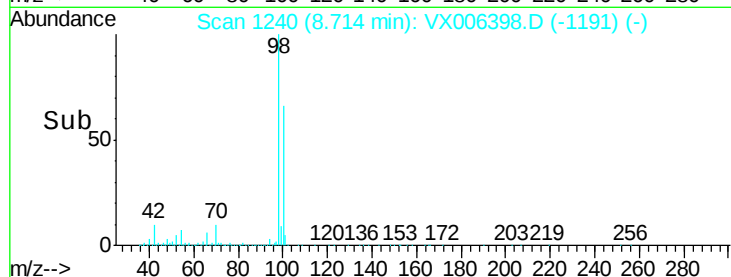
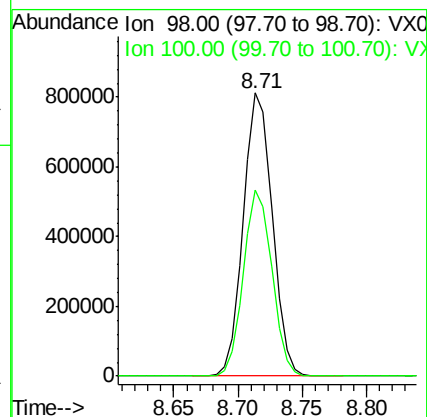
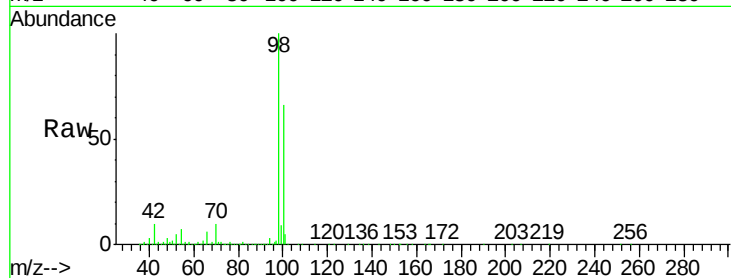
RE-109D3-20181206

Tot Ion: 98 Resp: 1266361

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.263 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

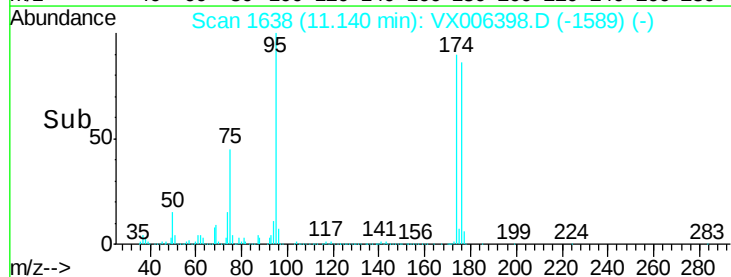
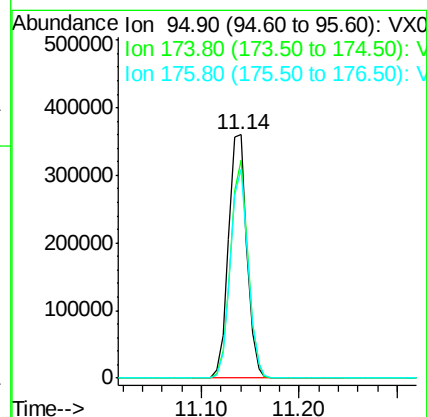
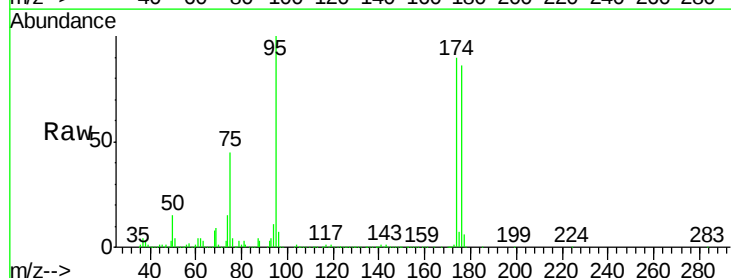
Tgt Ion: 95 Resp: 470598

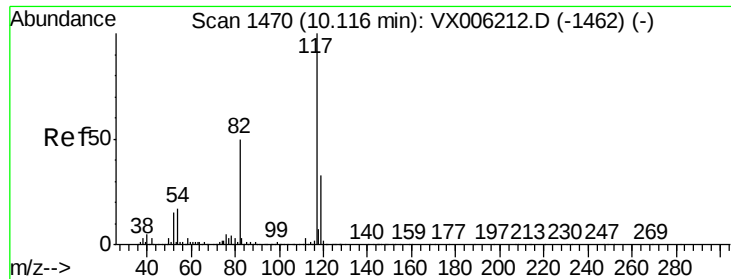
Ion Ratio Lower Upper

95 100

174 85.9 0.0 187.0

176 82.8 0.0 181.8

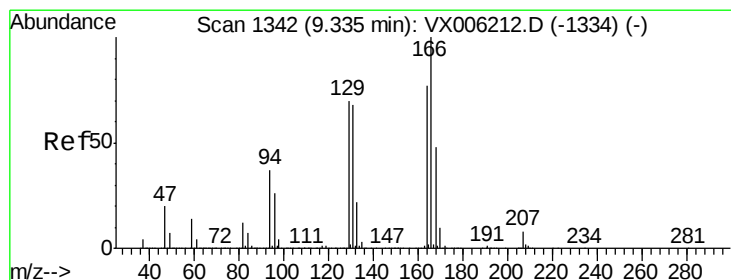
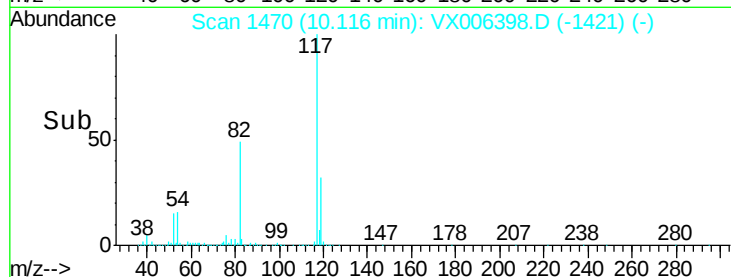
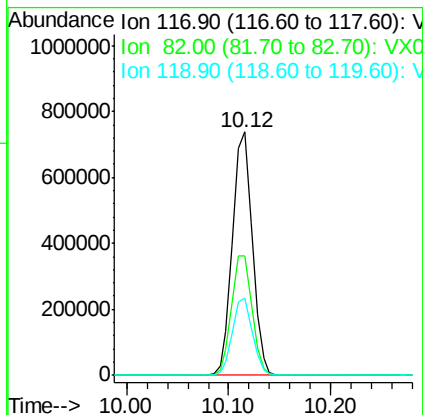
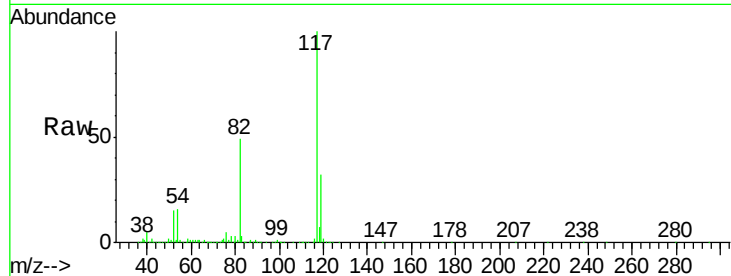




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006398.D
Acq: 11 Dec 2018 04:38

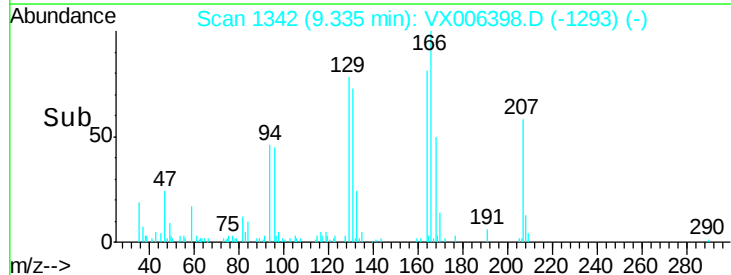
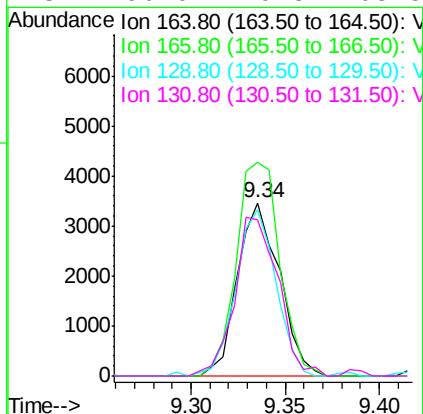
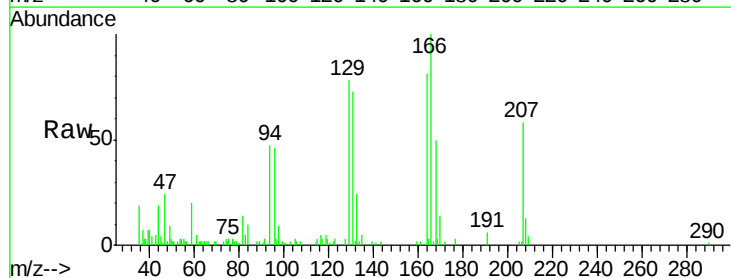
Instrument :
MSVOA_X
ClientSampleId :
RE-109D3-20181206

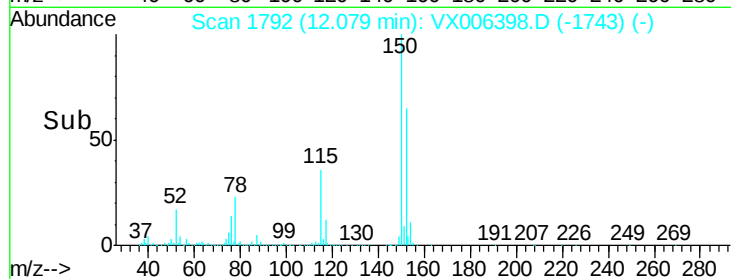
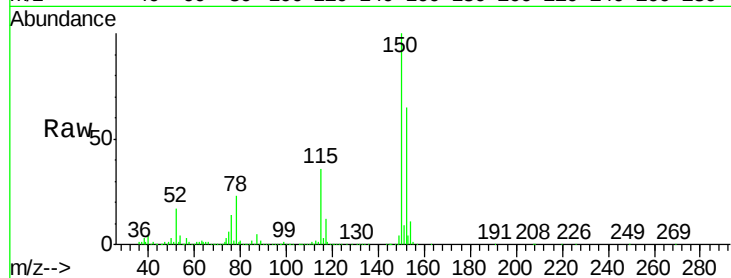
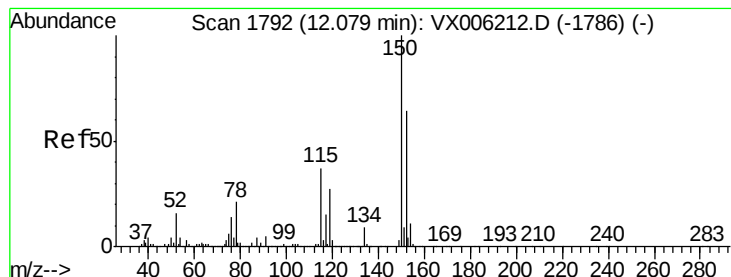
Tot Ion:117 Resp: 989353
Ion Ratio Lower Upper
117 100
82 48.8 39.6 59.4
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 0.718 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006398.D
Acq: 11 Dec 2018 04:38

Tgt Ion:164 Resp: 5349
Ion Ratio Lower Upper
164 100
166 123.3 104.2 156.2
129 96.1 72.6 108.8
131 90.0 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006398.D

Acq: 11 Dec 2018 04:38

Instrument :

MSVOA_X

ClientSampleId :

RE-109D3-20181206

Tot Ion:152 Resp: 469261

Ion Ratio Lower Upper

152 100

115 56.5 39.0 116.9

150 156.4 0.0 345.8

