

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006570.D
 Acq On : 17 Dec 2018 14:05
 Operator : JC/MD
 Sample : J6405-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20181212

Quant Time: Dec 18 01:10:30 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	673800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1064933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	967934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459240	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	363670	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
35) Dibromofluoromethane	5.50	113	324137	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	1262767	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.13	95	461730	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

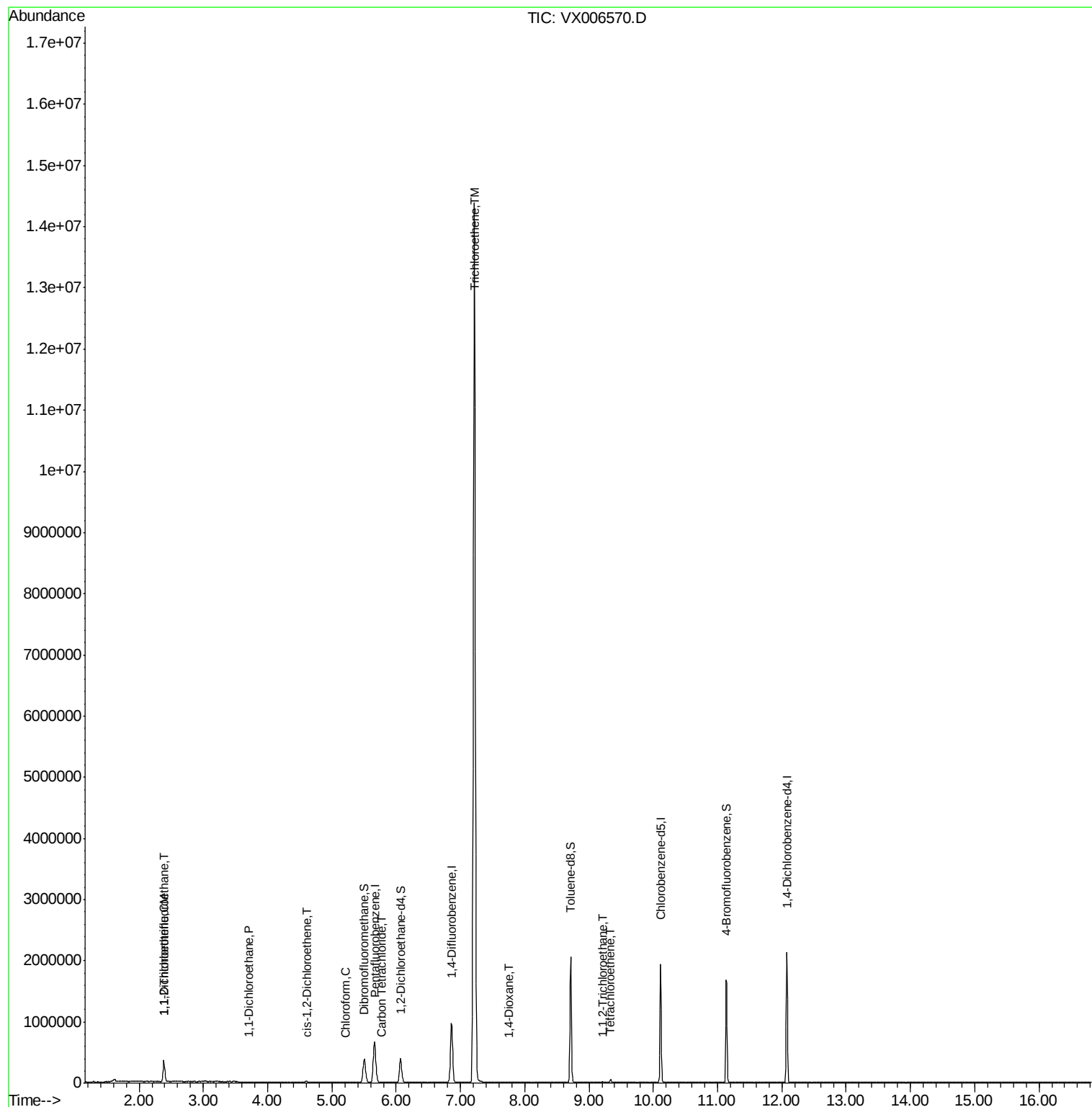
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118707	18.638	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30039	4.927	ug/l	94
24) 1,1-Dichloroethane	3.70	63	10044	0.934	ug/l #	94
27) cis-1,2-Dichloroethene	4.60	96	16825	2.322	ug/l	84
30) Chloroform	5.21	83	9527	0.843	ug/l #	80
38) Carbon Tetrachloride	5.77	117	8952	0.849	ug/l	88
44) Trichloroethene	7.21	130	5680275	698.090	ug/l	92
49) 1,4-Dioxane	7.76	88	1599	7.964	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4423	0.616	ug/l	91
64) Tetrachloroethene	9.34	164	10713	1.470	ug/l	88

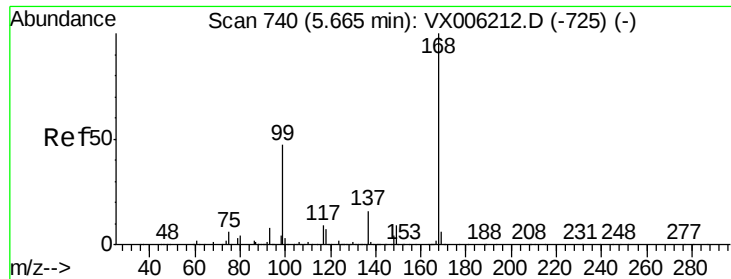
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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Quant Time: Dec 18 01:10:30 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: VX006570.D

Acq: 17 Dec 2018 14:05

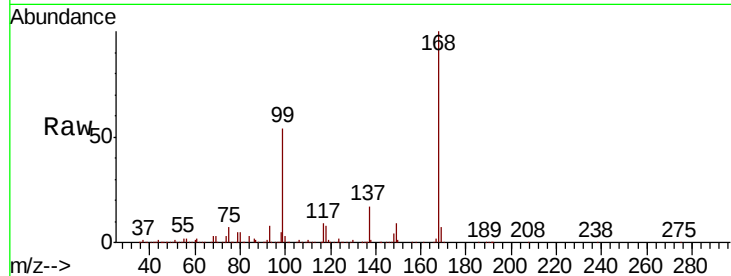
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20181212

Tot Ion:168 Resp: 673800

Ion Ratio Lower Upper

168 100

99 53.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

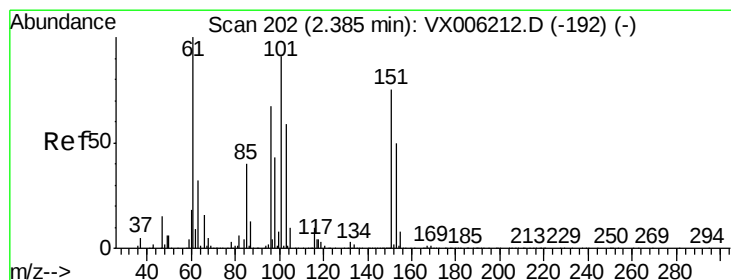
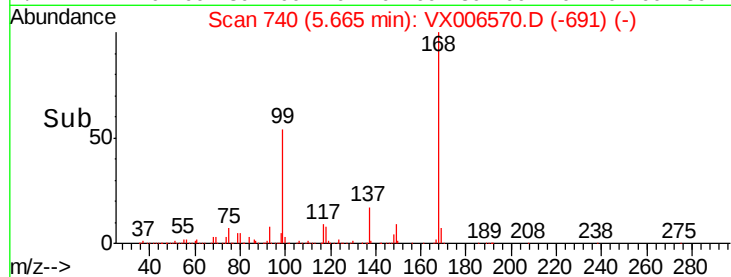
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.638 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

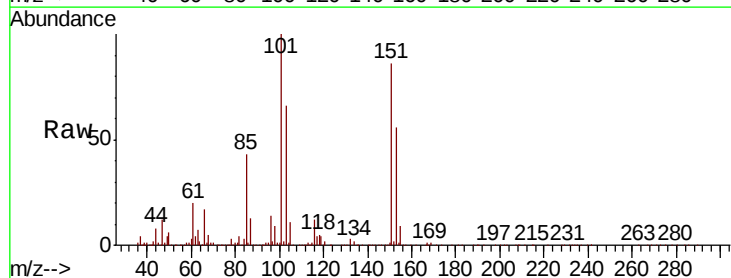
Tgt Ion:101 Resp: 118707

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

151 87.1 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

80000

60000

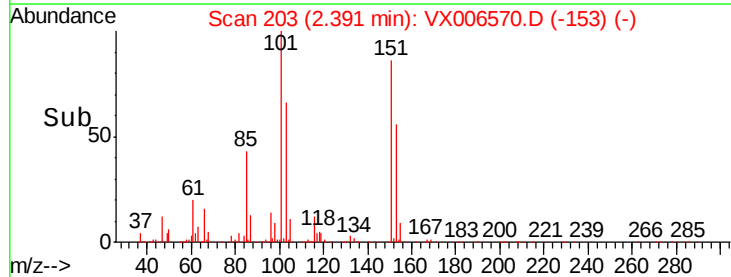
40000

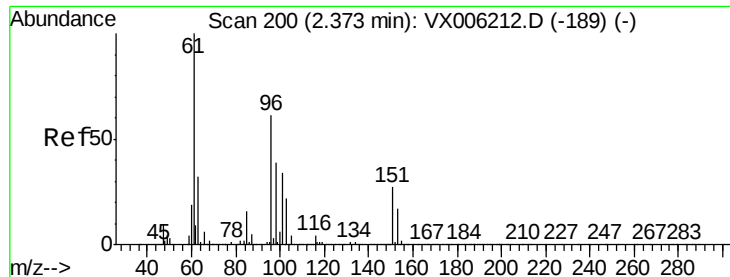
20000

0

Time-->

2.30 2.40 2.50

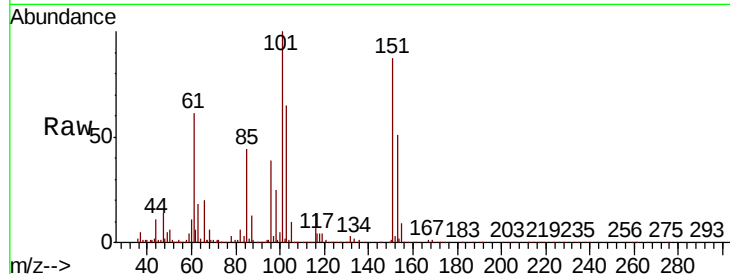




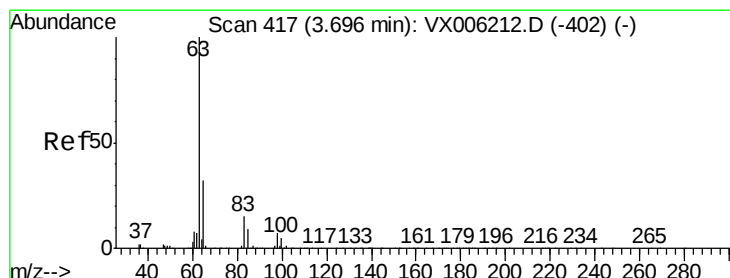
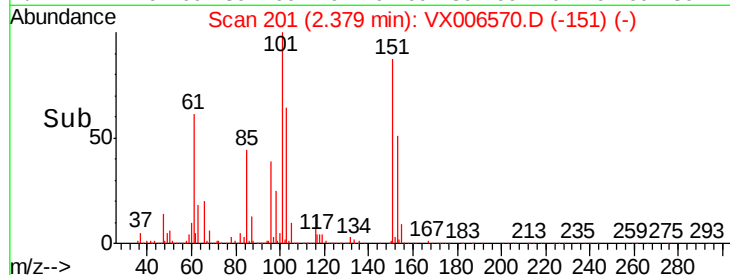
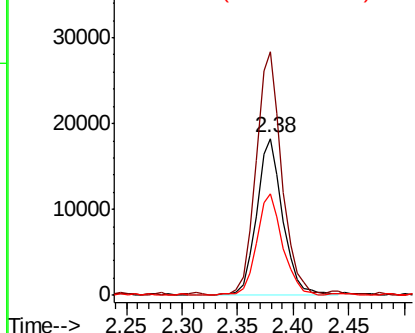
#12
 1,1-Dichloroethene
 Concen: 4.927 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006570.D
 Acq: 17 Dec 2018 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20181212

Tot Ion: 96 Resp: 30039
 Ion Ratio Lower Upper
 96 100
 61 154.2 131.7 197.5
 98 64.0 51.8 77.6

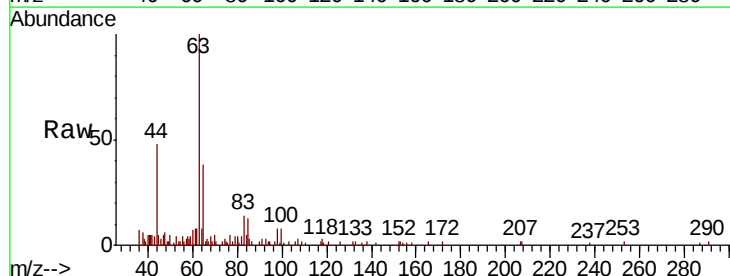


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

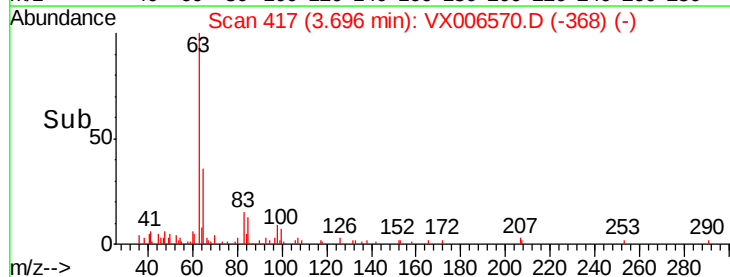
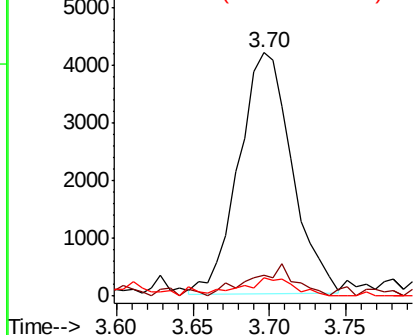


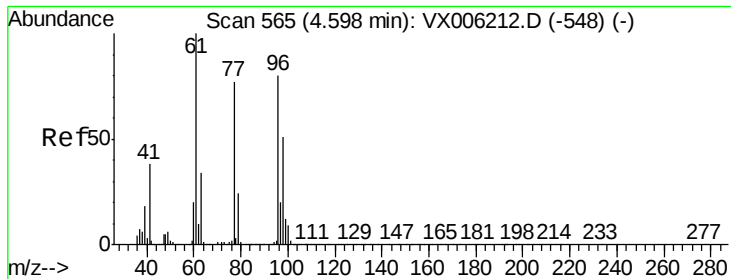
#24
 1,1-Dichloroethane
 Concen: 0.934 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006570.D
 Acq: 17 Dec 2018 14:05

Tgt Ion: 63 Resp: 10044
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.8 11.4
 100 7.8 2.5 7.4#



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



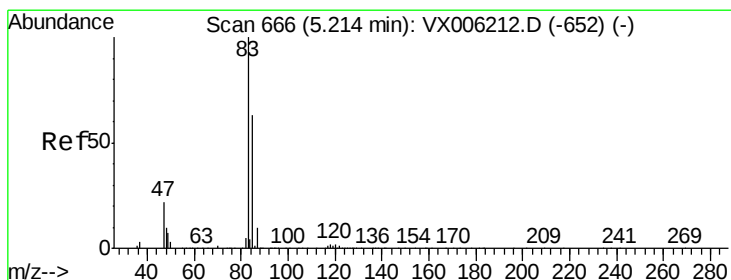
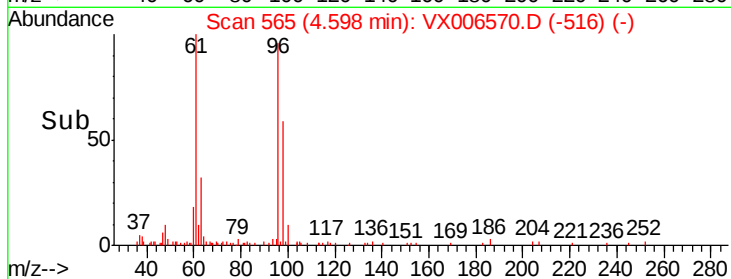
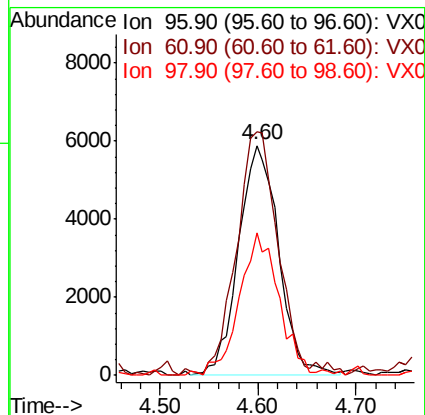
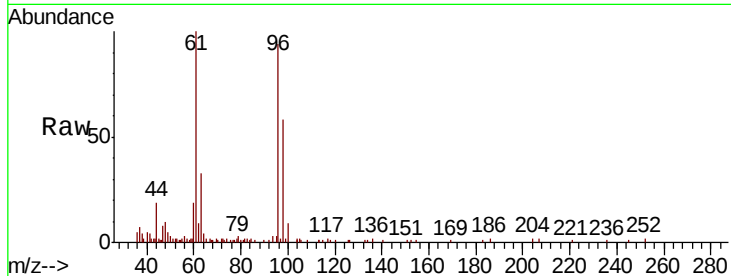


#27

cis-1,2-Dichloroethene
Concen: 2.322 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006570.D
Acq: 17 Dec 2018 14:05

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20181212

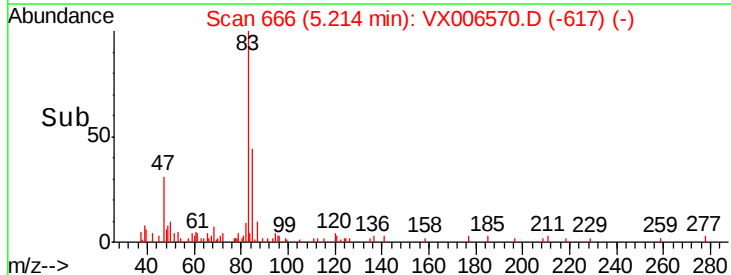
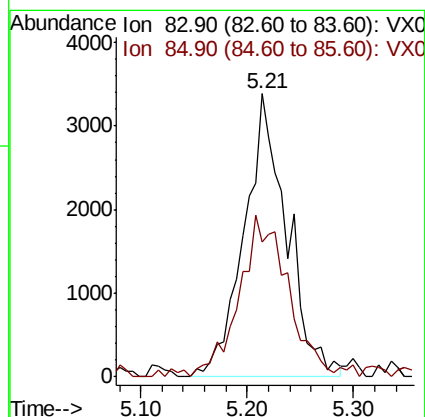
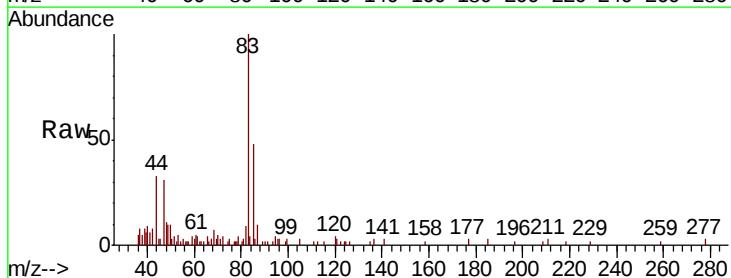
Tot Ion	Ratio	Lower	Upper
96	100		
61	107.7	0.0	265.0
98	60.7	0.0	130.2

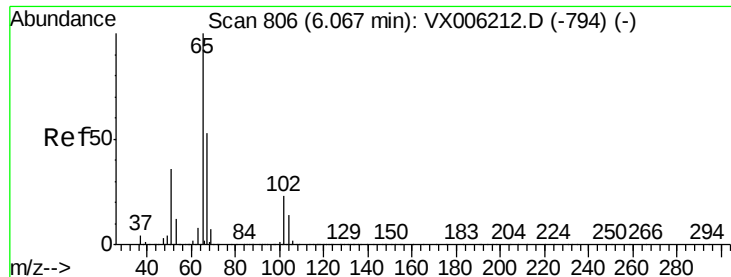


#30

Chloroform
Concen: 0.843 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006570.D
Acq: 17 Dec 2018 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	47.6	50.3	75.5#





#33

1,2-Dichloroethane-d4

Concen: 52.871 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

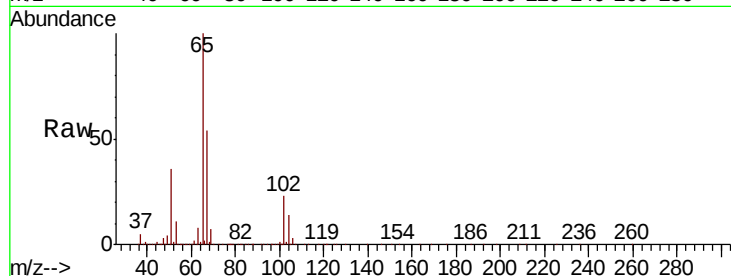
TT101D2-20181212

Tot Ion: 65 Resp: 363670

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

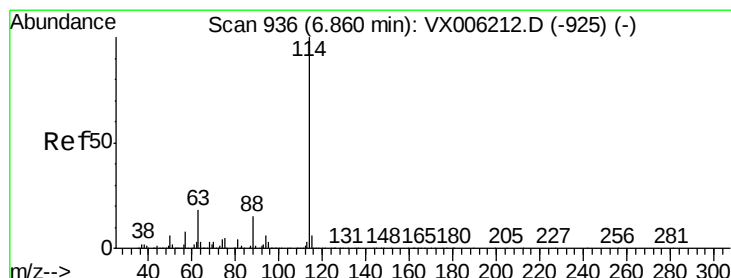
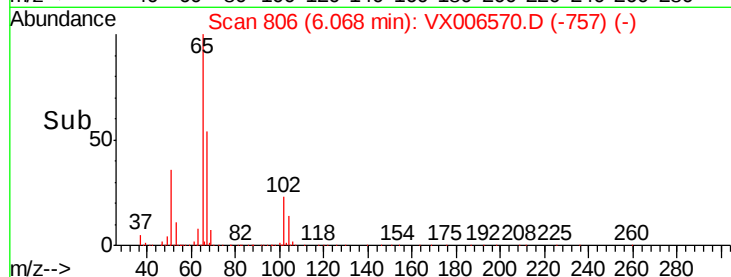
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

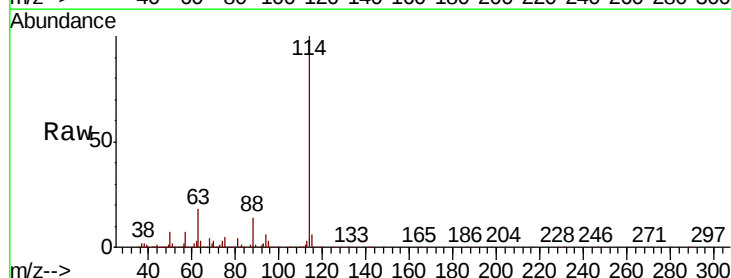
Tgt Ion: 114 Resp: 1064933

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

88 14.3 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

600000

500000

400000

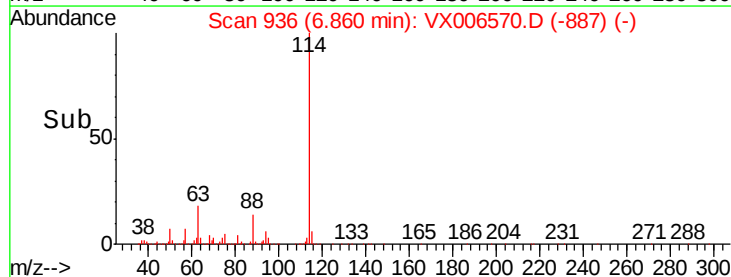
300000

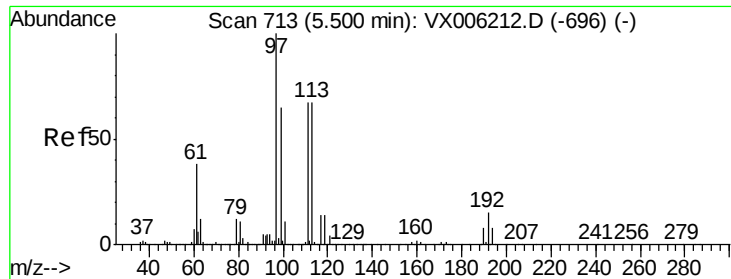
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

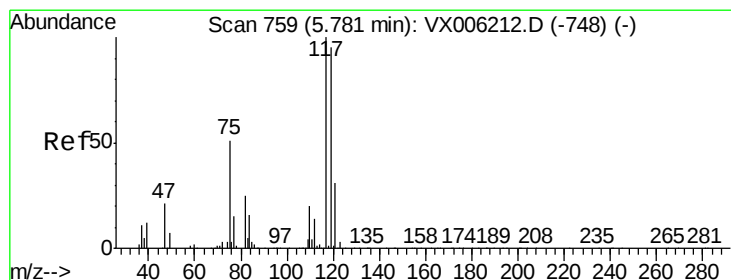
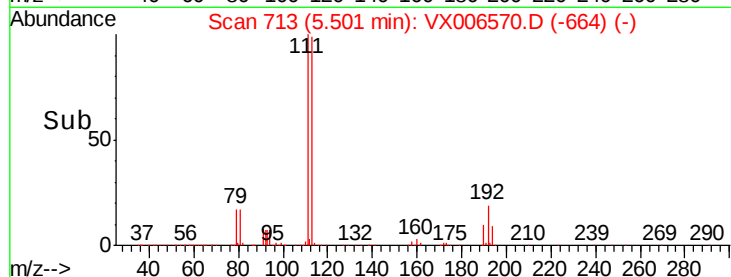
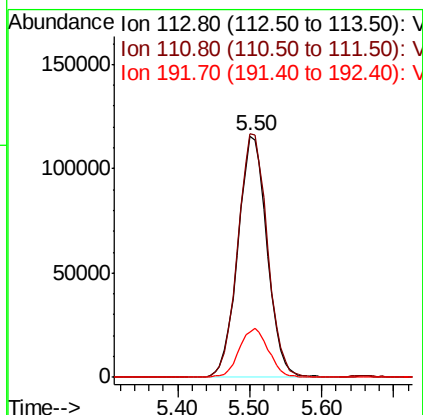
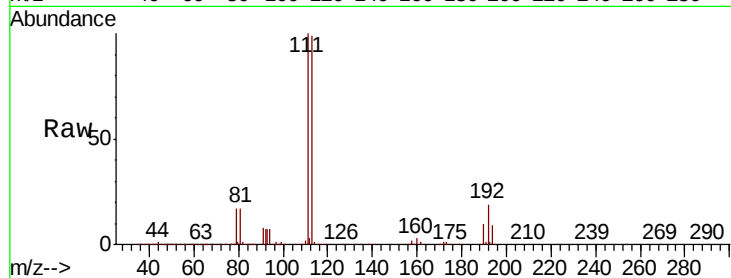




#35
 Dibromofluoromethane
 Concen: 47.010 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006570.D
 Acq: 17 Dec 2018 14:05

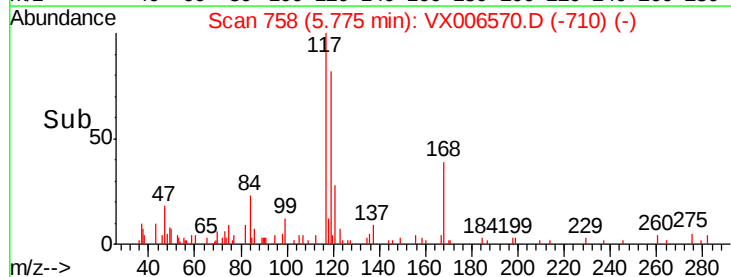
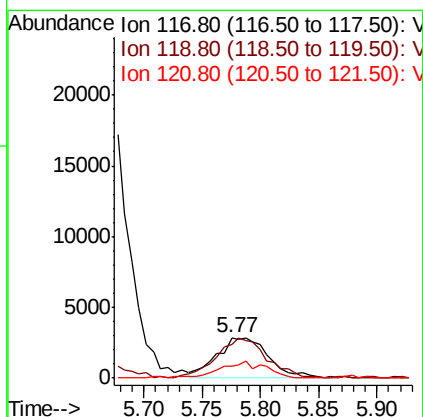
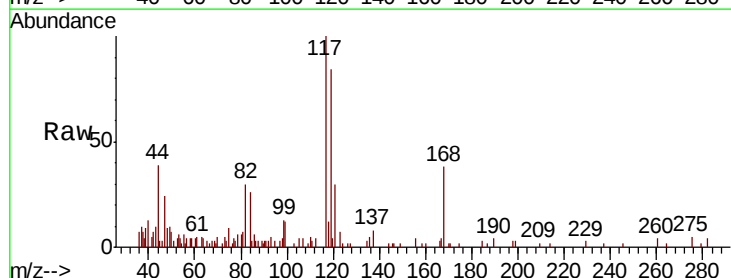
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20181212

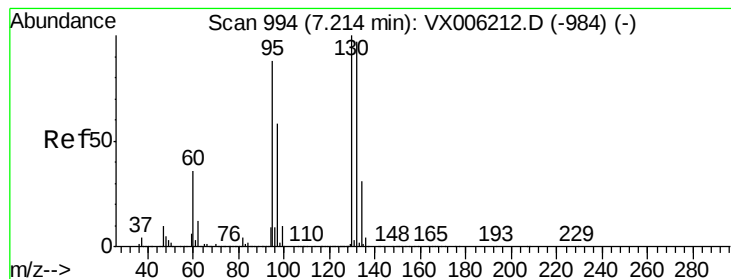
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	20.4	18.2	27.2



#38
 Carbon Tetrachloride
 Concen: 0.849 ug/l
 RT: 5.77 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VX006570.D
 Acq: 17 Dec 2018 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	79.9	75.8	113.8
121	29.8	24.6	37.0





#44

Trichloroethene

Concen: 698.090 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

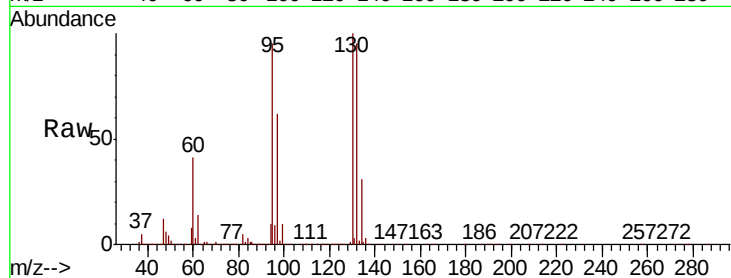
TT101D2-20181212

Tot Ion:130 Resp: 5680275

Ion Ratio Lower Upper

130 100

95 95.5 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

2500000

2000000

1500000

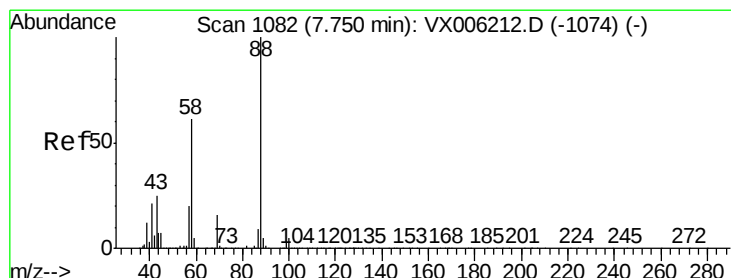
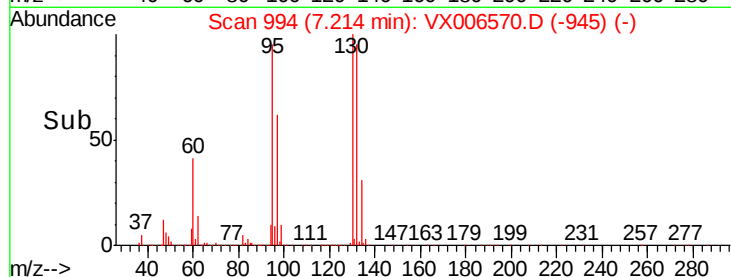
1000000

500000

0

Time-->

7.10 7.20 7.30 7.40



#49

1,4-Dioxane

Concen: 7.964 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

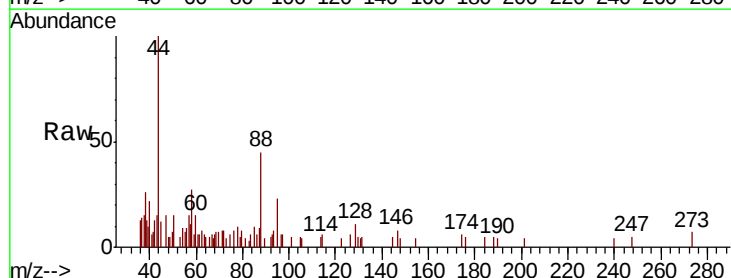
Tgt Ion: 88 Resp: 1599

Ion Ratio Lower Upper

88 100

43 24.0 23.2 34.8

58 63.1 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800

600

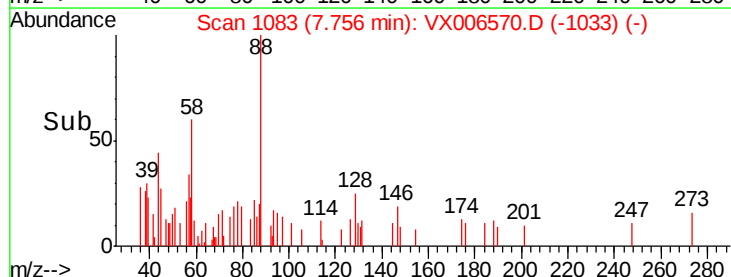
400

200

0

Time-->

7.70 7.75 7.80





#50

Toluene-d8

Concen: 50.349 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

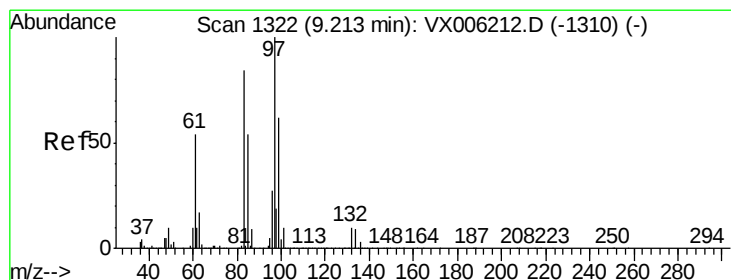
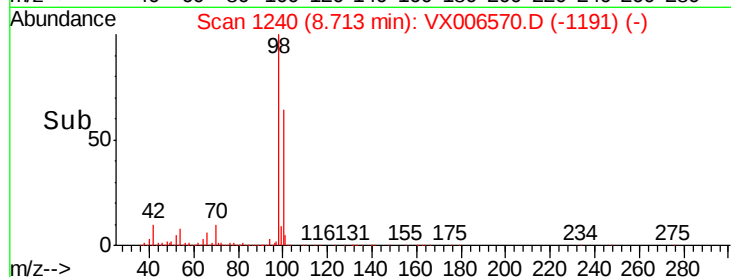
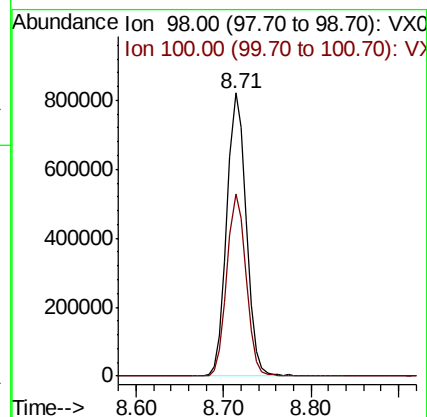
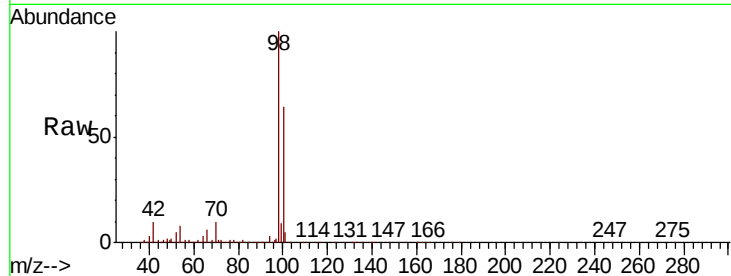
TT101D2-20181212

Tot Ion: 98 Resp: 1262767

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.2



#55

1,1,2-Trichloroethane

Concen: 0.616 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

Tgt Ion: 97 Resp: 4423

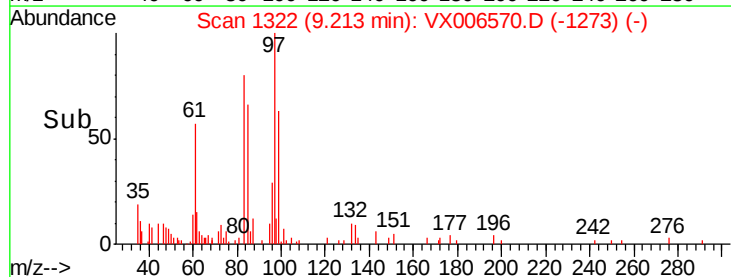
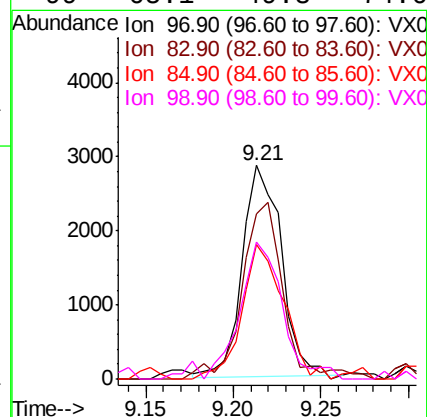
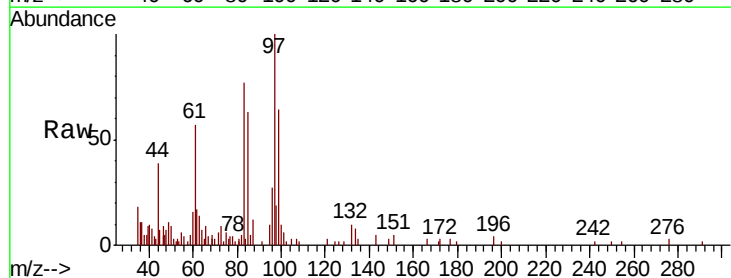
Ion Ratio Lower Upper

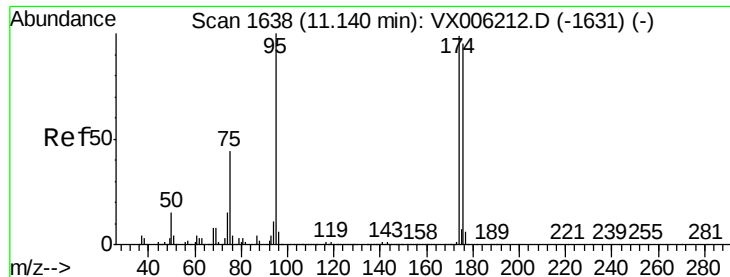
97 100

83 74.2 67.1 100.7

85 64.0 43.2 64.8

99 65.1 49.8 74.6





#62

4-Bromofluorobenzene

Concen: 48.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20181212

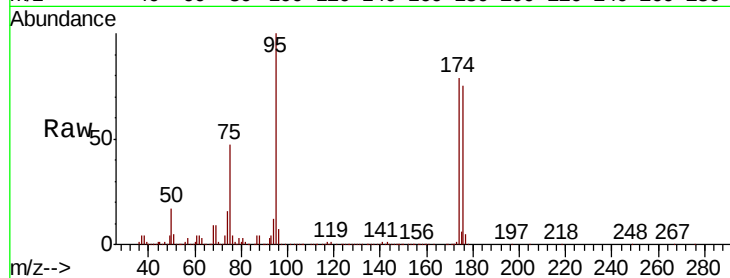
Tot Ion: 95 Resp: 461730

Ion Ratio Lower Upper

95 100

174 85.8 0.0 187.0

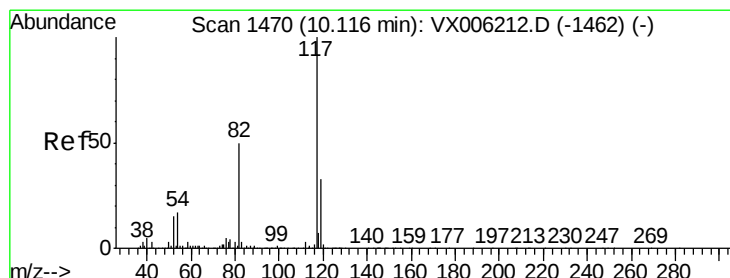
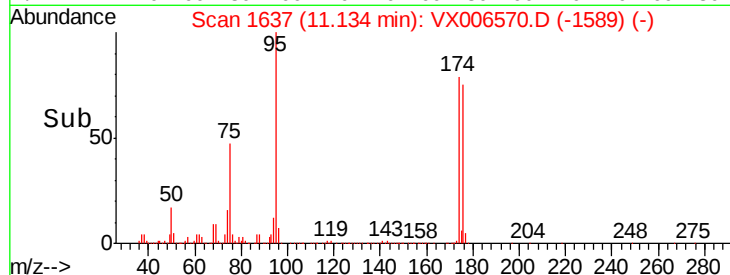
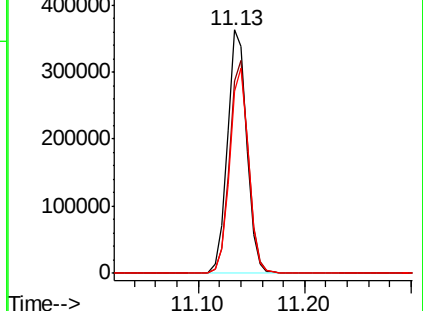
176 82.8 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006570.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006570.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006570.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

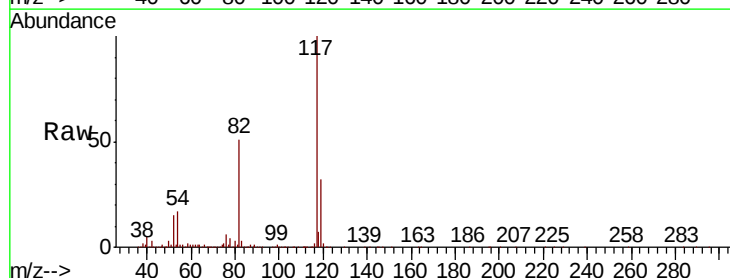
Tgt Ion: 117 Resp: 967934

Ion Ratio Lower Upper

117 100

82 50.5 39.6 59.4

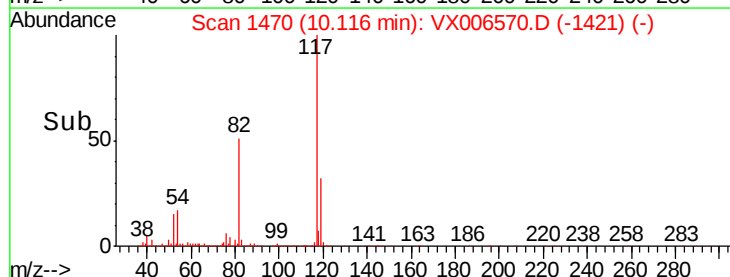
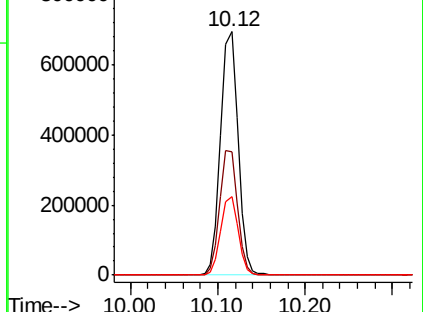
119 32.5 26.3 39.5

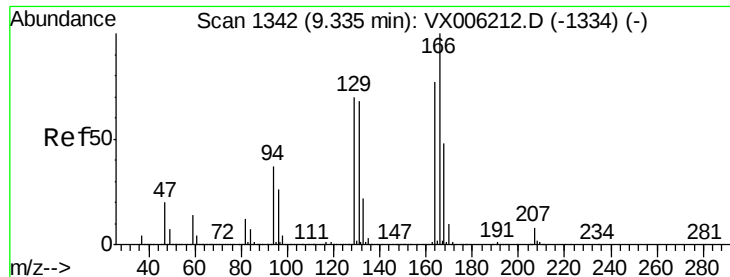


Abundance Ion 116.90 (116.60 to 117.60): VX006570.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006570.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006570.D (-1421) (-)





#64

Tetrachloroethene

Concen: 1.470 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006570.D

Acq: 17 Dec 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20181212

Tot Ion:164 Resp: 10713

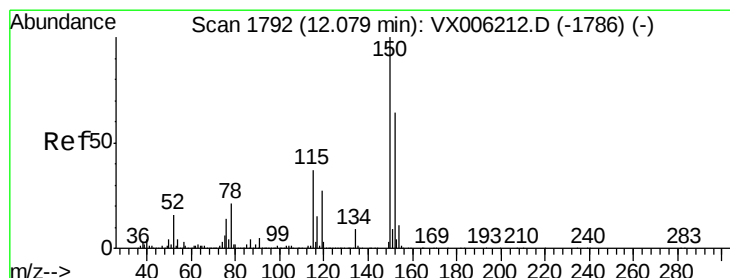
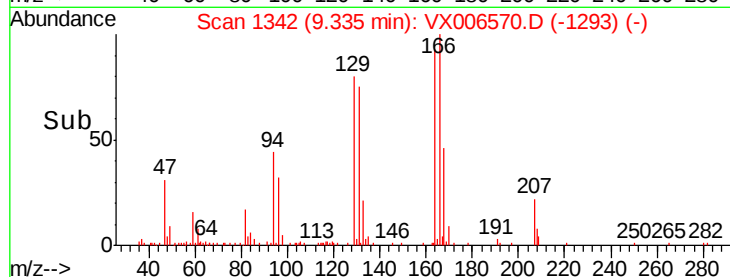
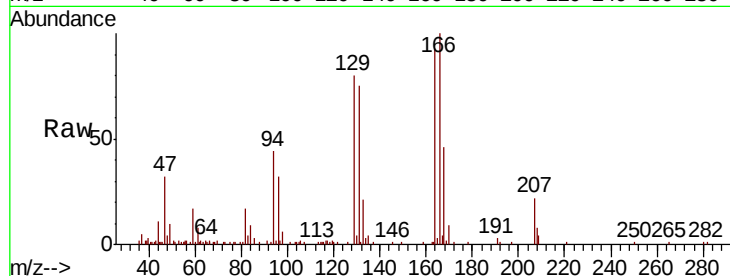
Ion Ratio Lower Upper

164 100

166 107.3 104.2 156.2

129 85.6 72.6 108.8

131 79.9 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: VX006570.D

Acq: 17 Dec 2018 14:05

Tgt Ion:152 Resp: 459240

Ion Ratio Lower Upper

152 100

115 57.5 39.0 116.9

150 156.5 0.0 345.8

