

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006568.D
 Acq On : 17 Dec 2018 13:12
 Operator : JC/MD
 Sample : J6405-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20181212

Quant Time: Dec 18 01:06:08 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

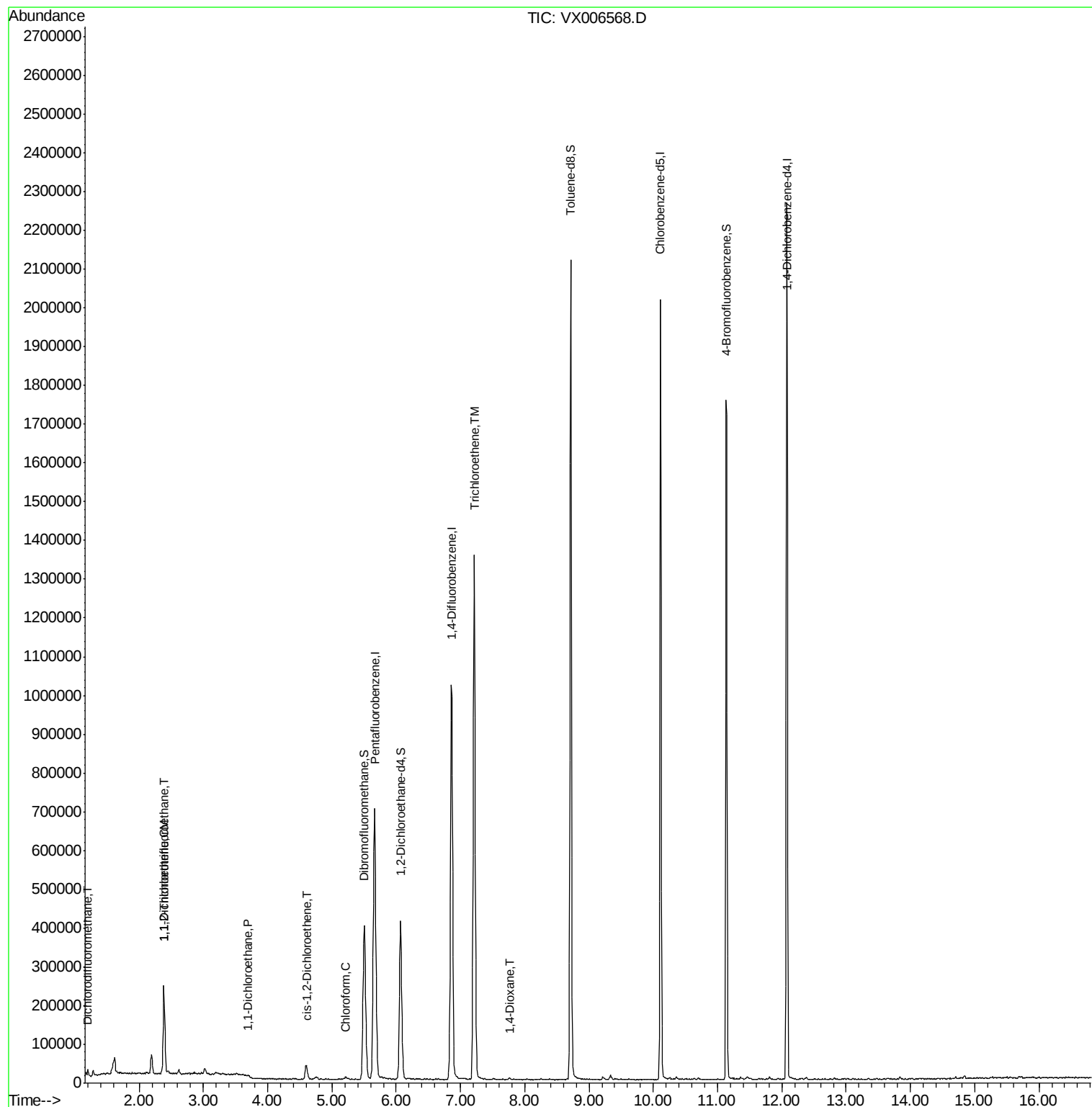
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	709821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1110394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1008156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	485575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	380526	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	5.50	113	341595	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	1309443	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	479959	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	8082	1.163	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78238	11.661	ug/l	99
12) 1,1-Dichloroethene	2.38	96	15897	2.475	ug/l	90
24) 1,1-Dichloroethane	3.70	63	8378	0.740	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	23888	3.129	ug/l	89
30) Chloroform	5.21	83	6006	0.505	ug/l	90
44) Trichloroethene	7.21	130	548632	64.665	ug/l	96
49) 1,4-Dioxane	7.76	88	3237	15.463	ug/l #	79

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
Data File : VX006568.D
Acq On : 17 Dec 2018 13:12
Operator : JC/MD
Sample : J6405-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Quant Time: Dec 18 01:06:08 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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

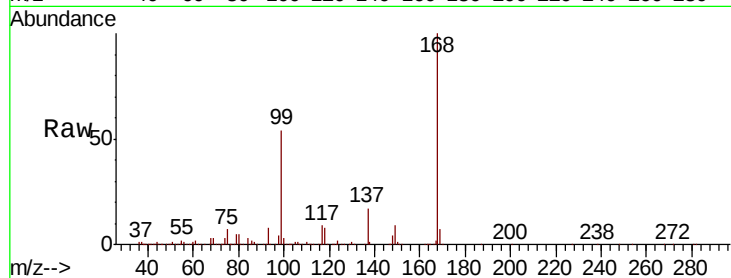
TT101D-20181212

Tot Ion:168 Resp: 709821

Ion Ratio Lower Upper

168 100

99 54.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

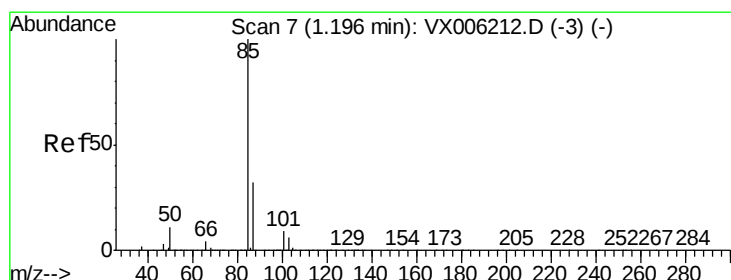
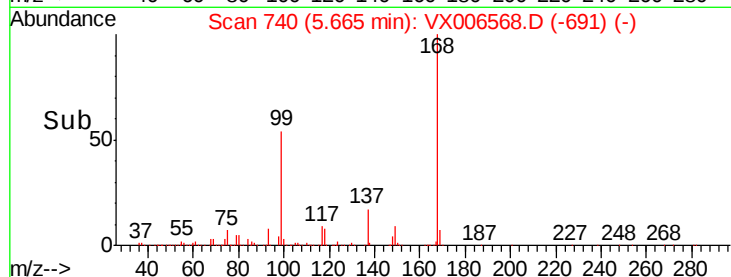
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.163 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006568.D

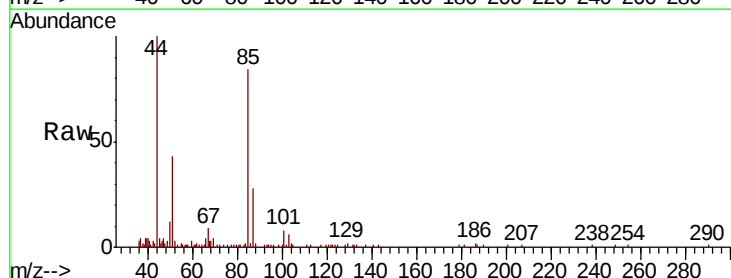
Acq: 17 Dec 2018 13:12

Tgt Ion: 85 Resp: 8082

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

8000

6000

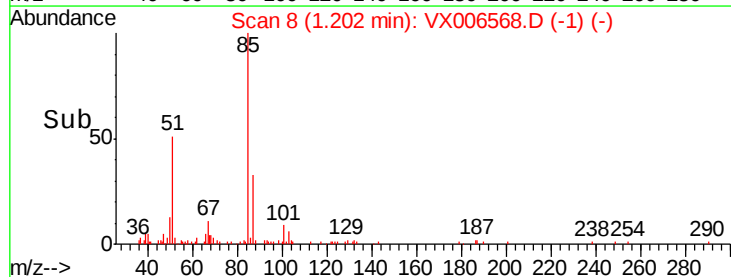
4000

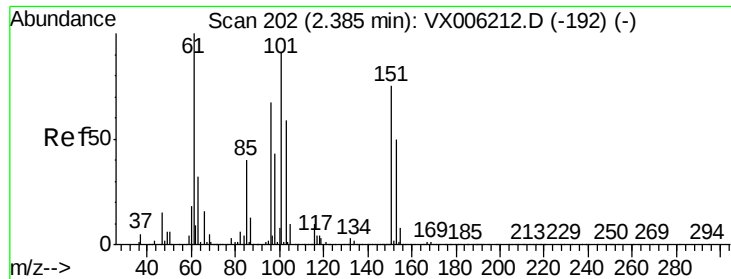
2000

0

Time-->

1.15 1.20 1.25 1.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.661 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20181212

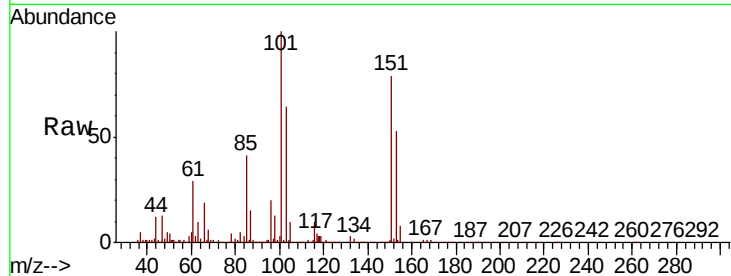
Tot Ion:101 Resp: 78238

Ion Ratio Lower Upper

101 100

85 42.7 35.5 53.3

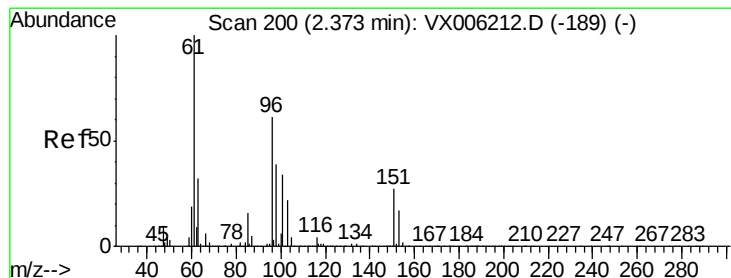
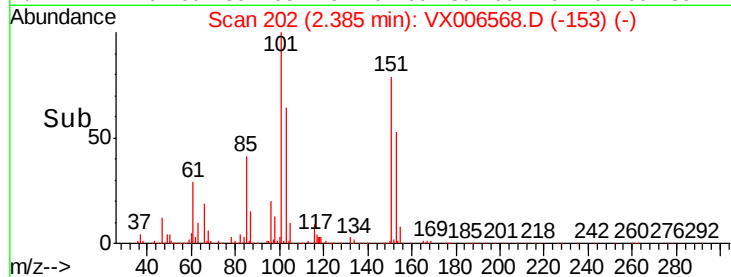
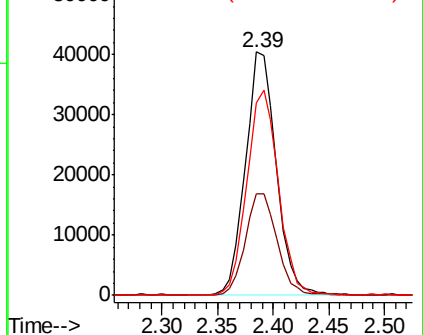
151 86.3 68.6 103.0



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



#12

1,1-Dichloroethene

Concen: 2.475 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

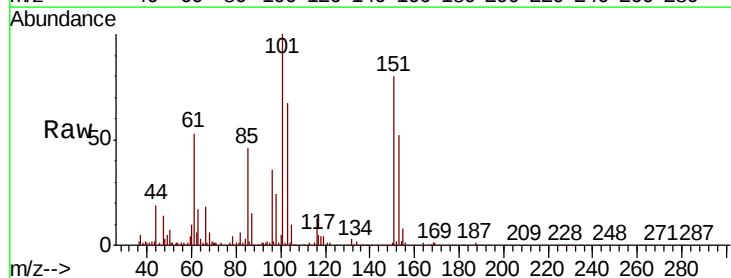
Tgt Ion: 96 Resp: 15897

Ion Ratio Lower Upper

96 100

61 147.0 131.7 197.5

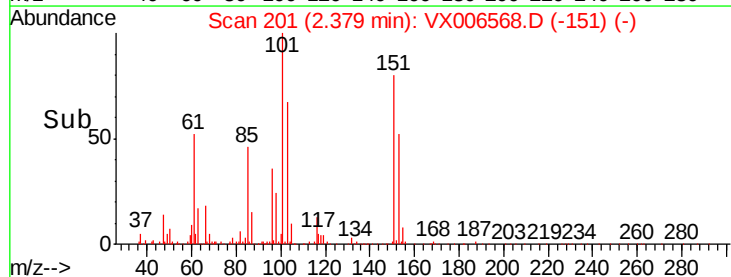
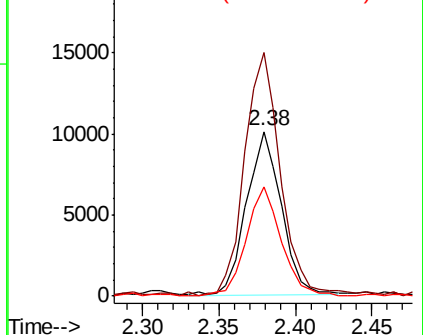
98 66.8 51.8 77.6

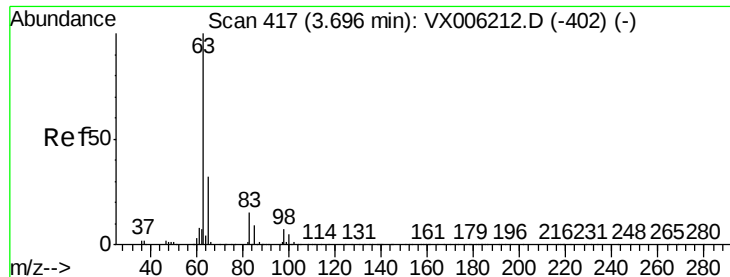


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 0.740 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20181212

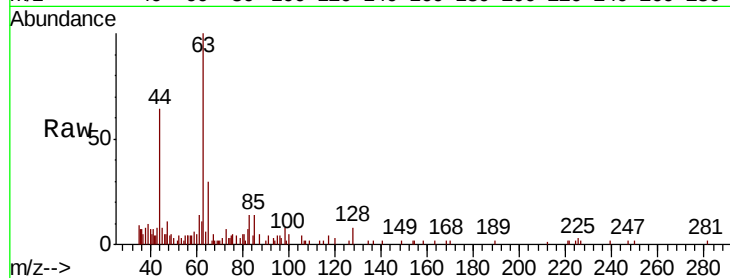
Tot Ion: 63 Resp: 8378

Ion Ratio Lower Upper

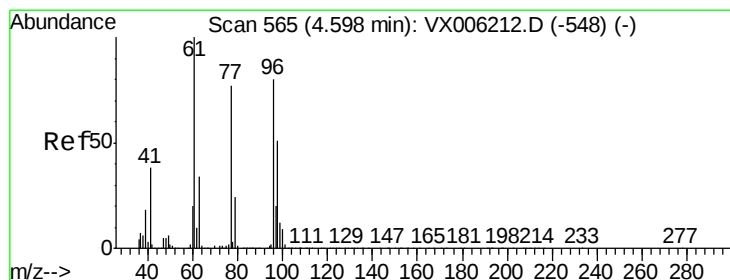
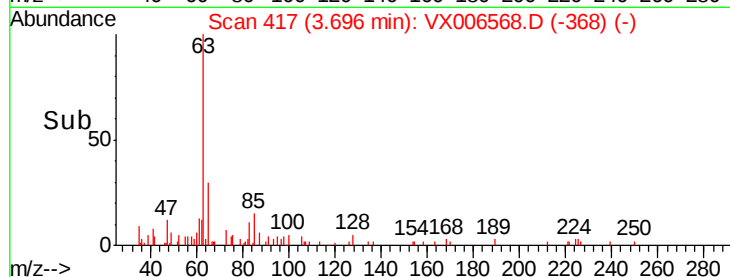
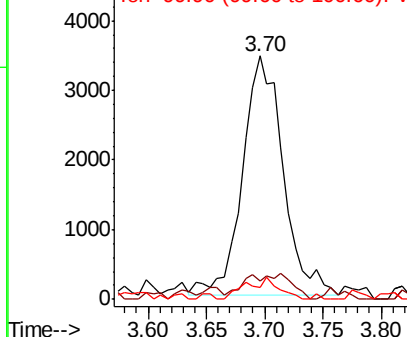
63 100

98 6.0 3.8 11.4

100 4.8 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: 3.129 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

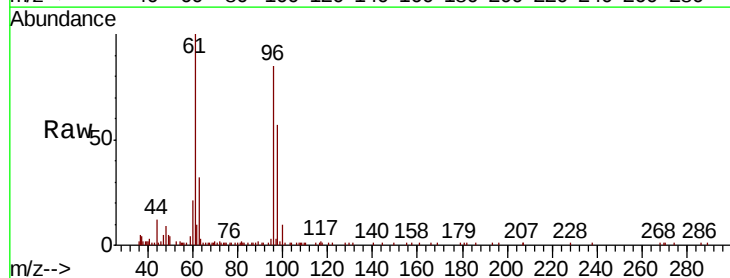
Tgt Ion: 96 Resp: 23888

Ion Ratio Lower Upper

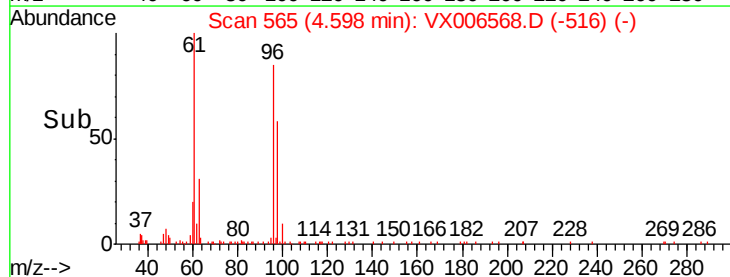
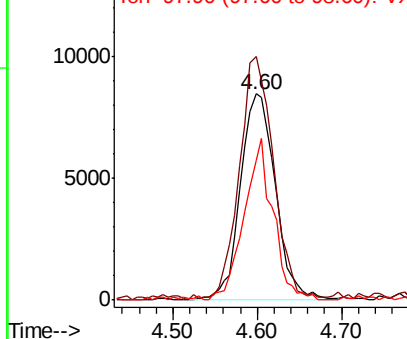
96 100

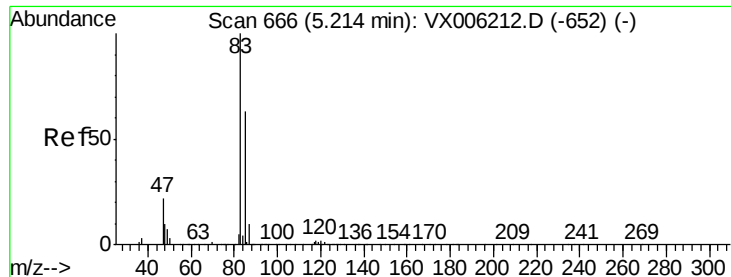
61 112.8 0.0 265.0

98 64.5 0.0 130.2



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

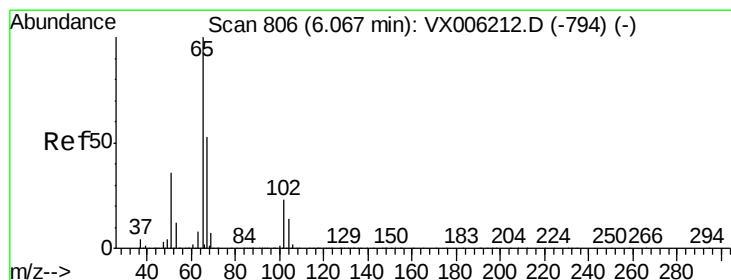
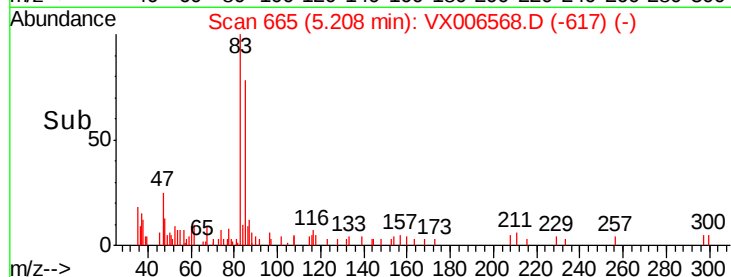
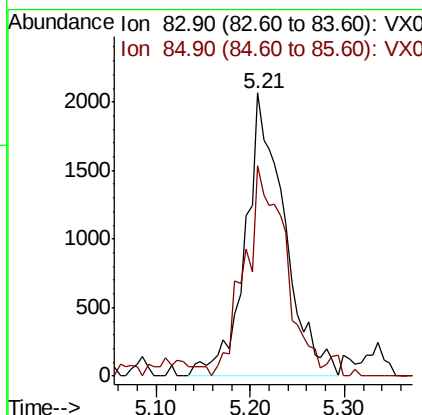
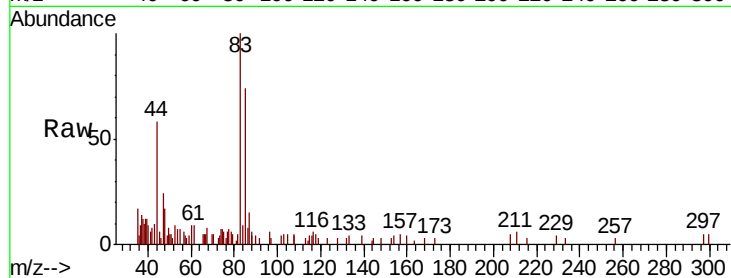




#30
Chloroform
Concen: 0.505 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

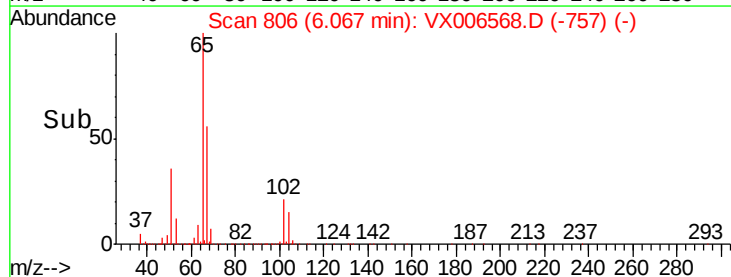
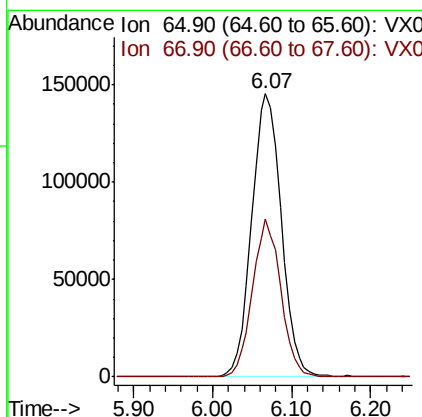
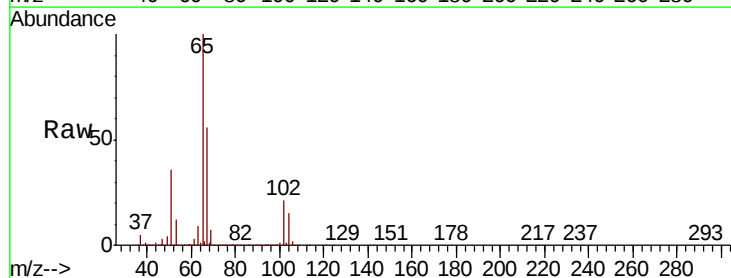
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

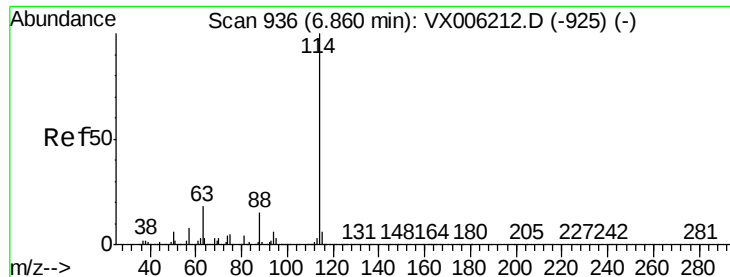
Tot Ion: 83 Resp: 6006
Ion Ratio Lower Upper
83 100
85 70.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 52.514 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion: 65 Resp: 380526
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.2

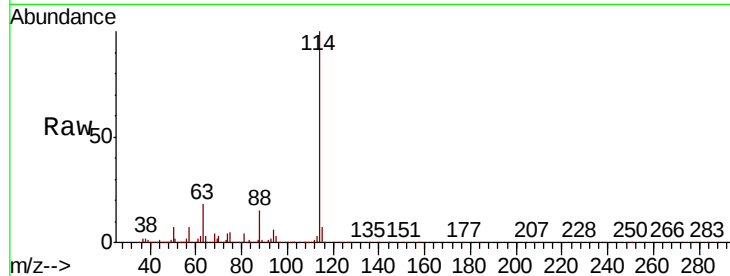




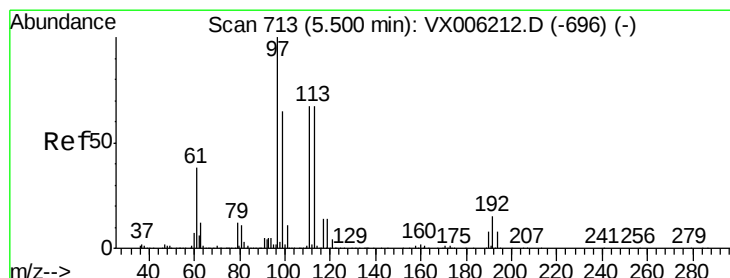
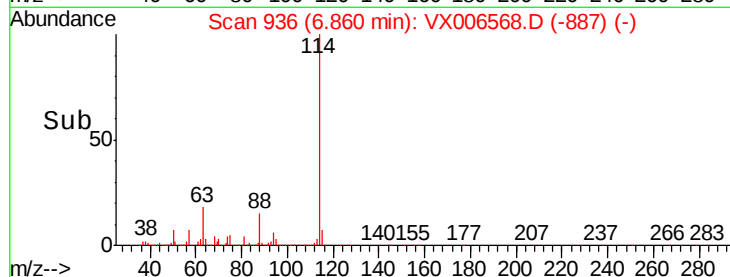
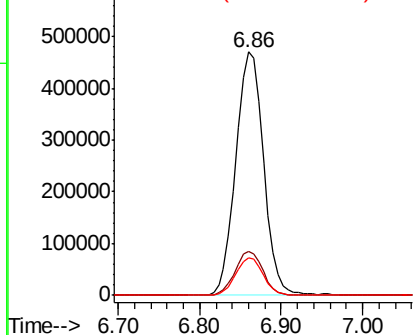
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tot Ion:114 Resp: 1110394
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.6
88 15.3 0.0 29.0

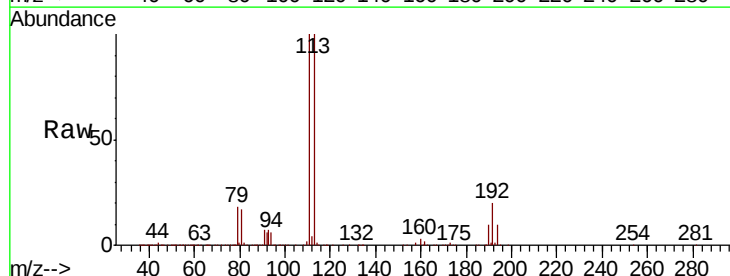


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

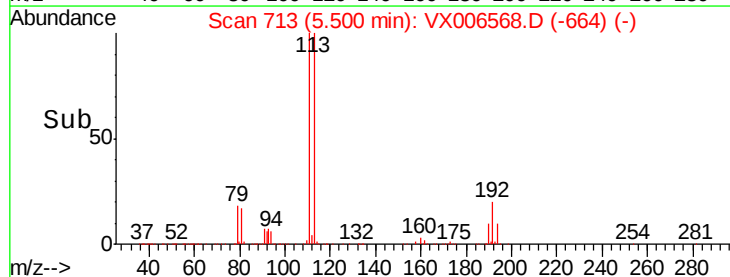
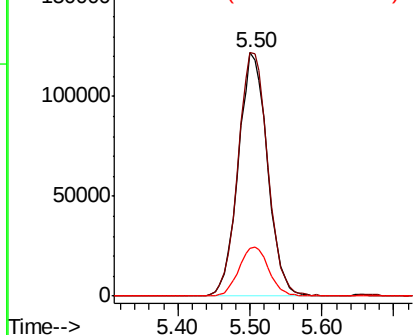


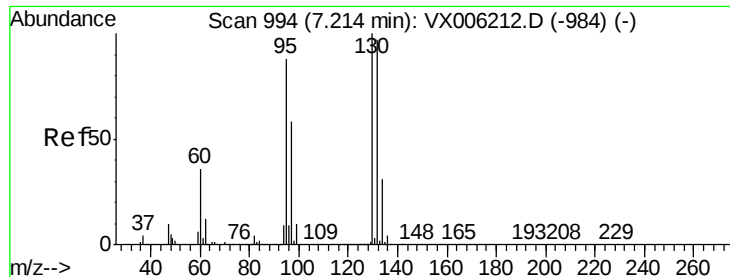
#35
Dibromofluoromethane
Concen: 47.514 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion:113 Resp: 341595
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.8 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





#44

Trichloroethene

Concen: 64.665 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

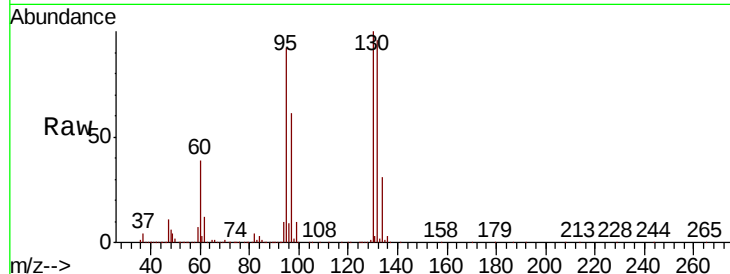
TT101D-20181212

Tot Ion:130 Resp: 548632

Ion Ratio Lower Upper

130 100

95 91.7 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

250000

200000

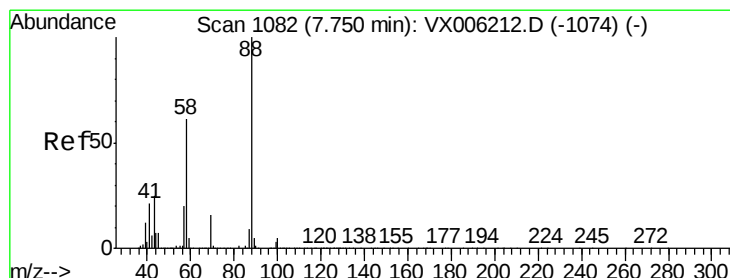
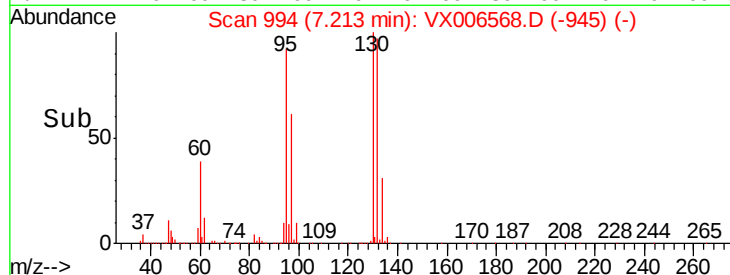
150000

100000

50000

0

Time-->



#49

1,4-Dioxane

Concen: 15.463 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

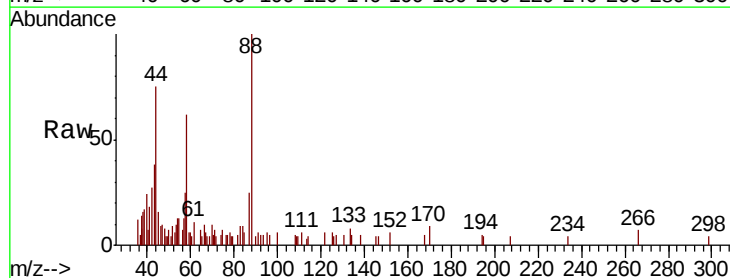
Tgt Ion: 88 Resp: 3237

Ion Ratio Lower Upper

88 100

43 31.3 23.2 34.8

58 86.0 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

2000

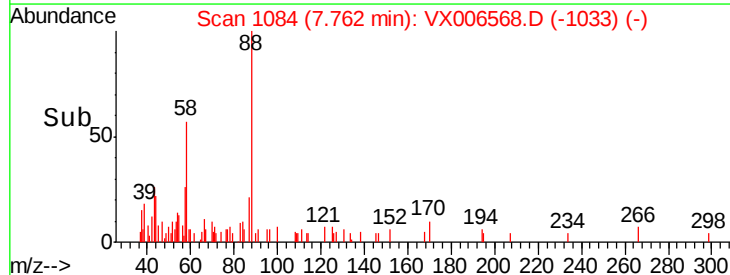
1500

1000

500

0

Time-->





#50

Toluene-d8

Concen: 50.073 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

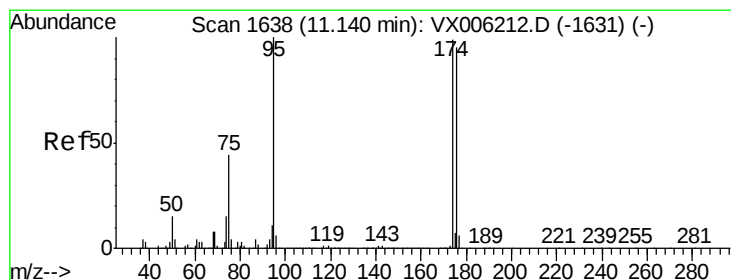
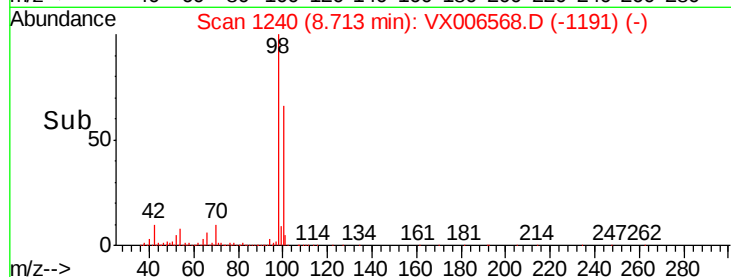
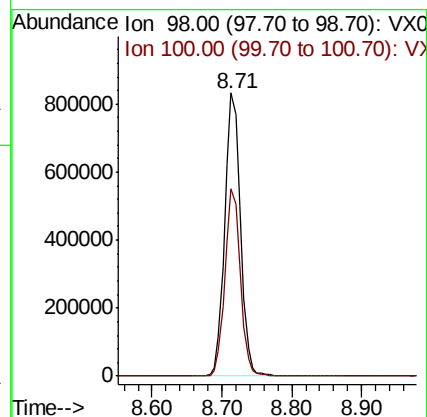
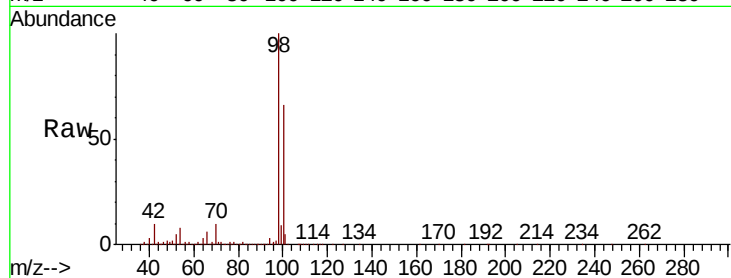
TT101D-20181212

Tot Ion: 98 Resp: 1309443

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.705 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006568.D

Acq: 17 Dec 2018 13:12

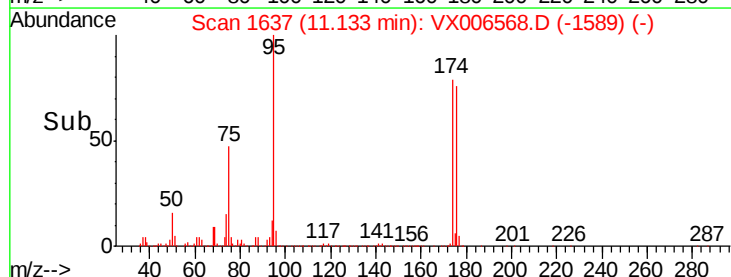
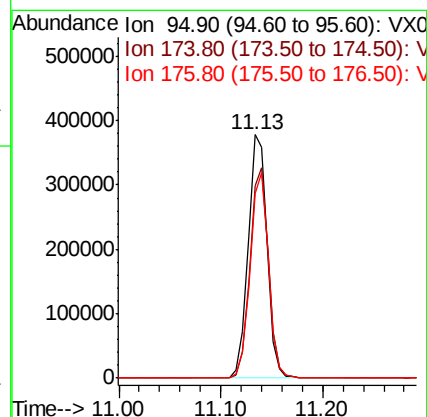
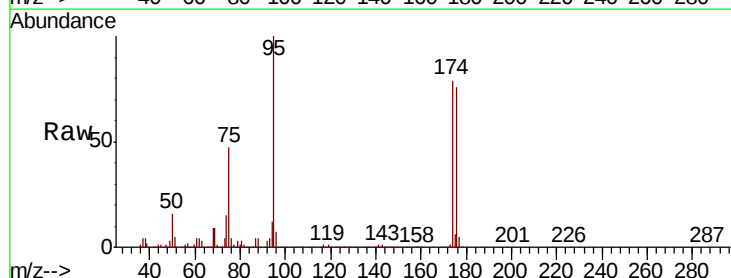
Tgt Ion: 95 Resp: 479959

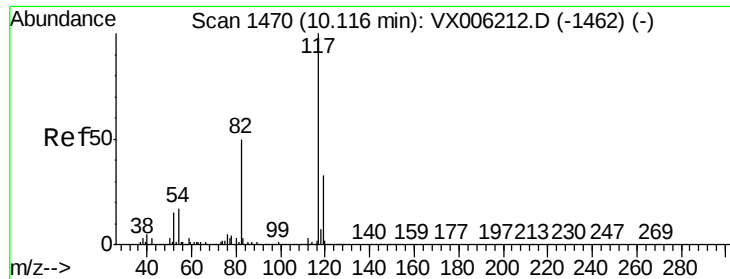
Ion Ratio Lower Upper

95 100

174 85.4 0.0 187.0

176 82.9 0.0 181.8

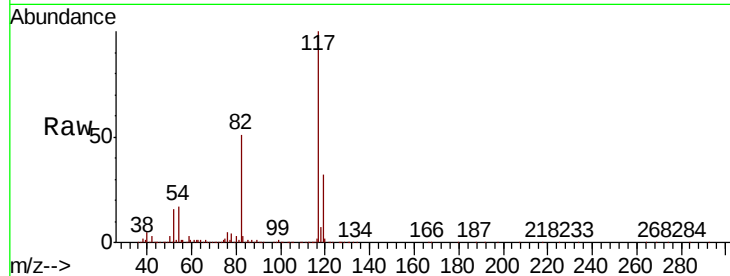




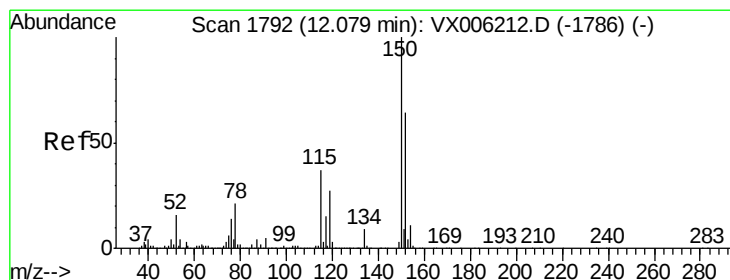
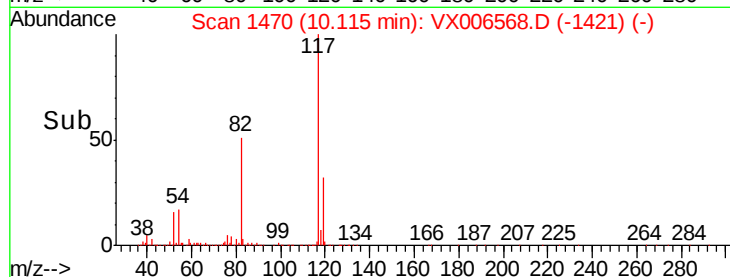
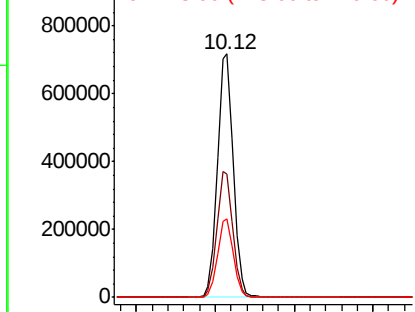
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20181212

Tot Ion:117 Resp: 1008156
Ion Ratio Lower Upper
117 100
82 50.8 39.6 59.4
119 32.1 26.3 39.5

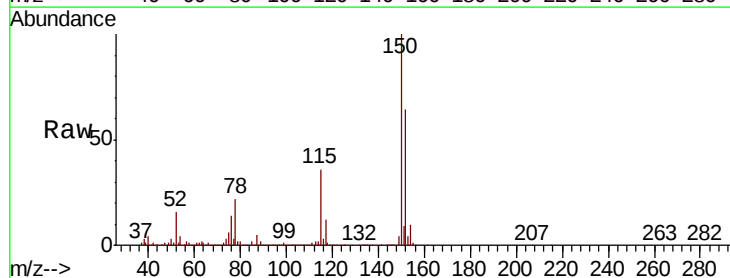


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006568.D
Acq: 17 Dec 2018 13:12

Tgt Ion:152 Resp: 485575
Ion Ratio Lower Upper
152 100
115 56.8 39.0 116.9
150 155.4 0.0 345.8



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

