

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003480.D
 Acq On : 19 Jul 2018 23:14
 Operator : JC/SP
 Sample : J3170-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-071018

Quant Time: Jul 26 03:36:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	299042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224177	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	180933	51.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.22%	
35) Dibromofluoromethane	5.51	113	170621	50.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.70%	
50) Toluene-d8	8.72	98	623168	48.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.14	95	213615	45.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.92%	

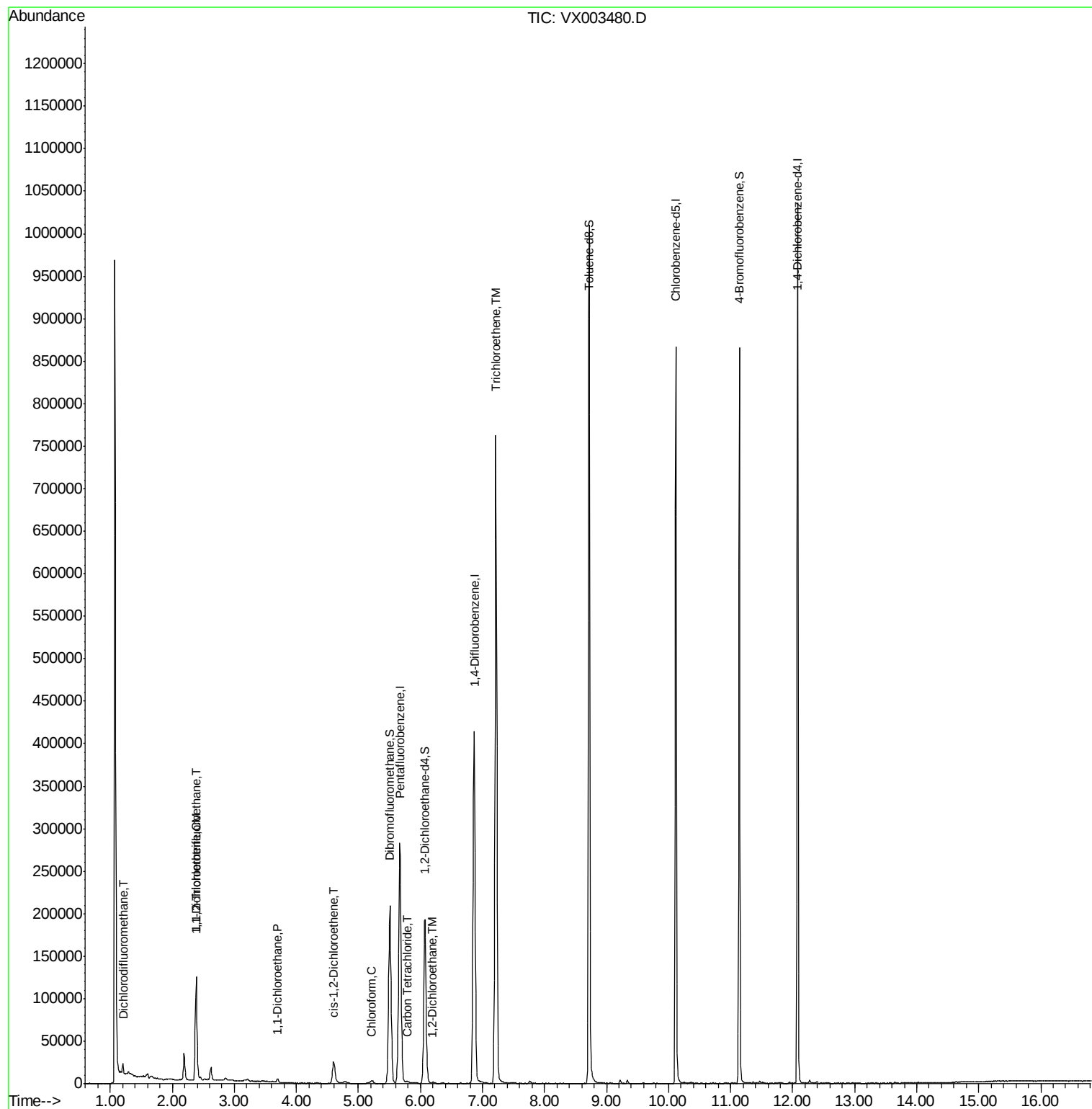
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	5015	1.413	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42419	12.788	ug/l	98
12) 1,1-Dichloroethene	2.37	96	9671	3.166	ug/l	93
24) 1,1-Dichloroethane	3.70	63	5694	0.954	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	13476	3.561	ug/l	51
30) Chloroform	5.21	83	3356	0.576	ug/l	97
38) Carbon Tetrachloride	5.79	117	1126	0.239	ug/l	85
42) 1,2-Dichloroethane	6.20	62	1357	0.297	ug/l	97
44) Trichloroethene	7.21	130	316868	73.268	ug/l	100

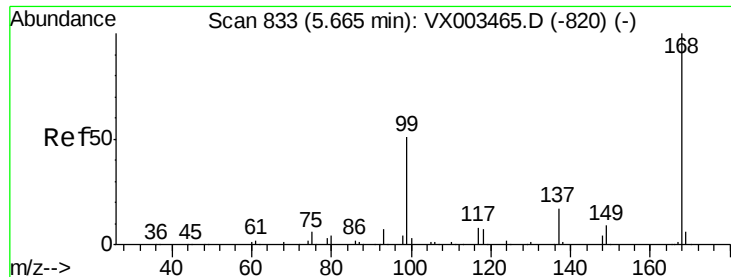
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071918\
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Instrument :
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Quant Time: Jul 26 03:36:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003480.D

Acq: 19 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

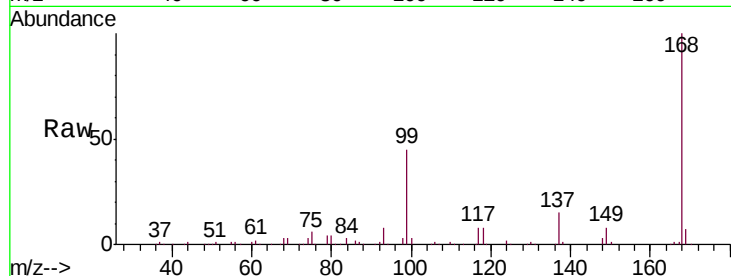
TT101D-071018

Tot Ion:168 Resp: 299042

Ion Ratio Lower Upper

168 100

99 44.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

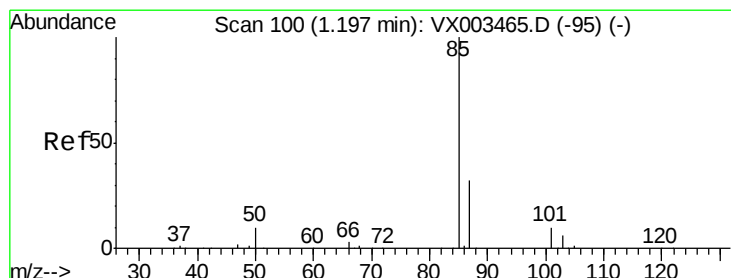
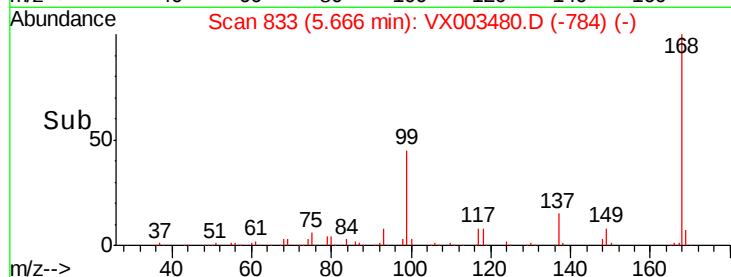
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.413 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003480.D

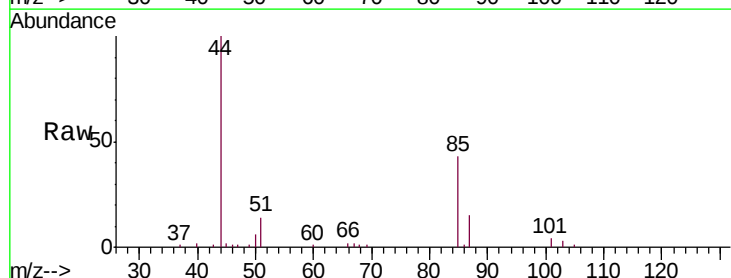
Acq: 19 Jul 2018 23:14

Tgt Ion: 85 Resp: 5015

Ion Ratio Lower Upper

85 100

87 35.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

5000

4000

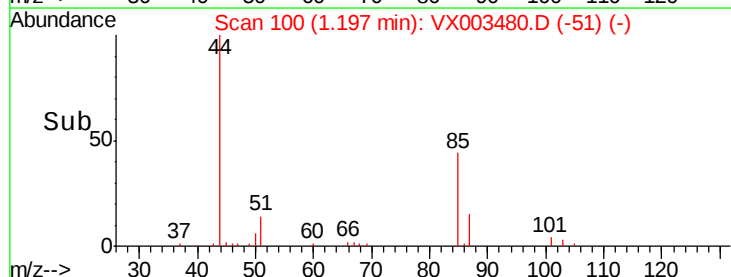
3000

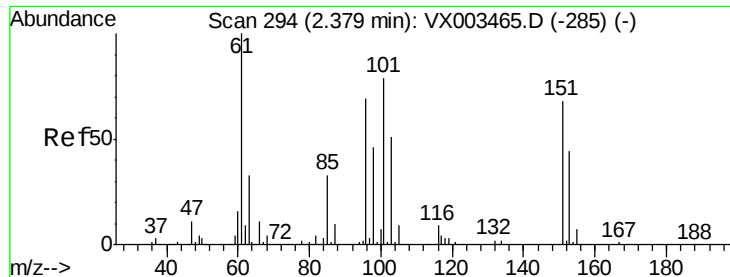
2000

1000

0

Time--> 1.15 1.20 1.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.788 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003480.D

Acq: 19 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

TT101D-071018

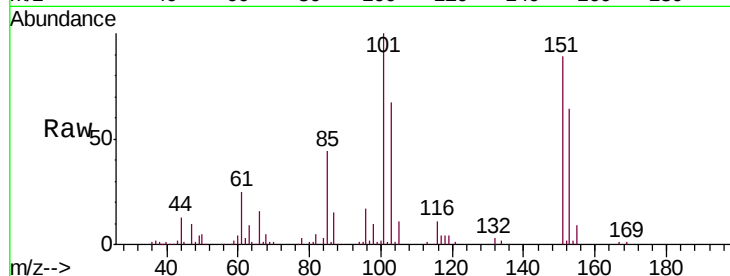
Tot Ion:101 Resp: 42419

Ion Ratio Lower Upper

101 100

85 42.7 36.0 54.0

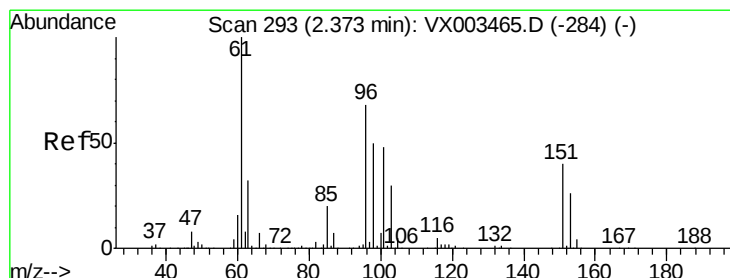
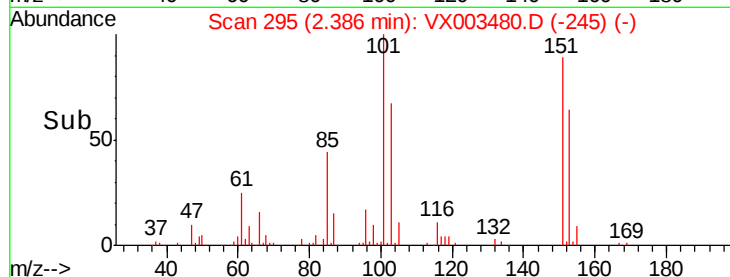
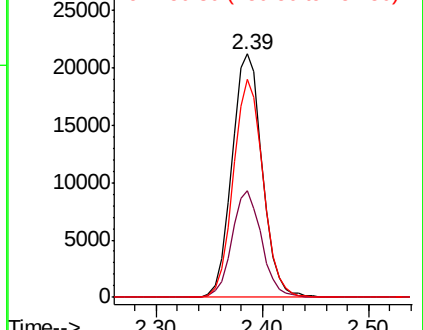
151 87.9 70.9 106.3



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: 3.166 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003480.D

Acq: 19 Jul 2018 23:14

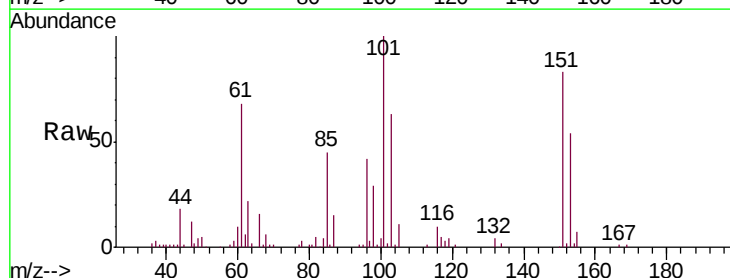
Tgt Ion: 96 Resp: 9671

Ion Ratio Lower Upper

96 100

61 163.4 137.9 206.9

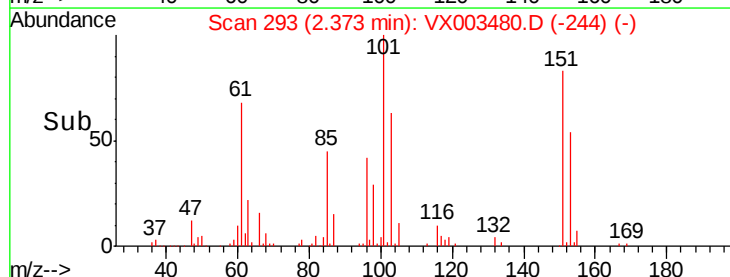
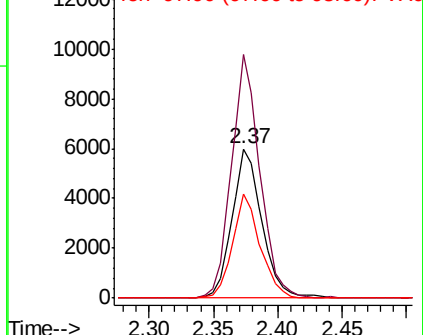
98 69.6 51.6 77.4

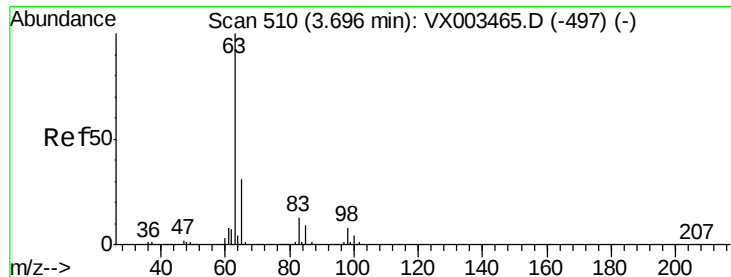


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 0.954 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003480.D

Acq: 19 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

TT101D-071018

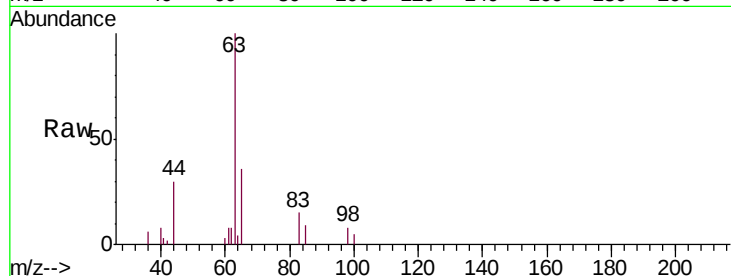
Tot Ion: 63 Resp: 5694

Ion Ratio Lower Upper

63 100

98 8.4 3.4 10.2

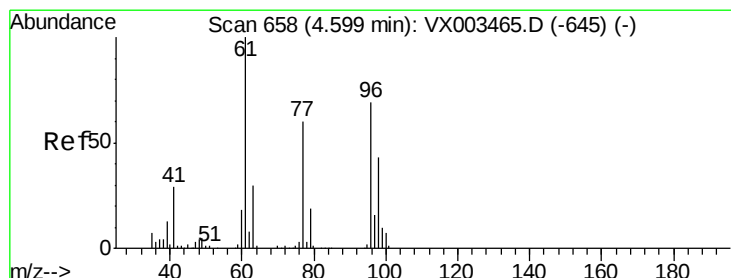
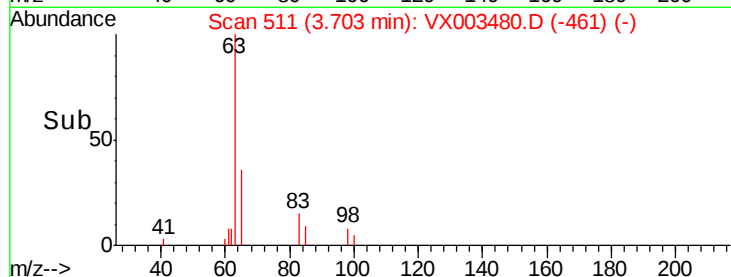
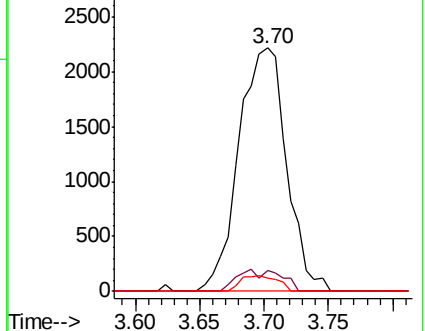
100 5.4 2.0 6.0



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: 3.561 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003480.D

Acq: 19 Jul 2018 23:14

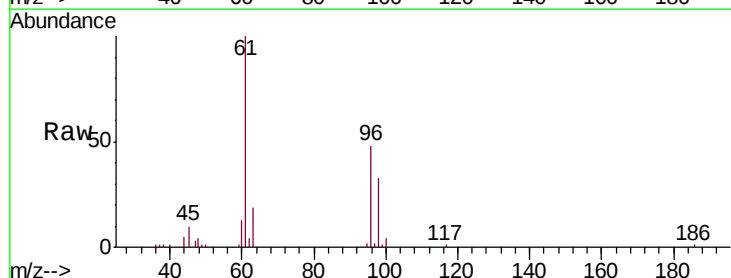
Tgt Ion: 96 Resp: 13476

Ion Ratio Lower Upper

96 100

61 256.2 0.0 330.2

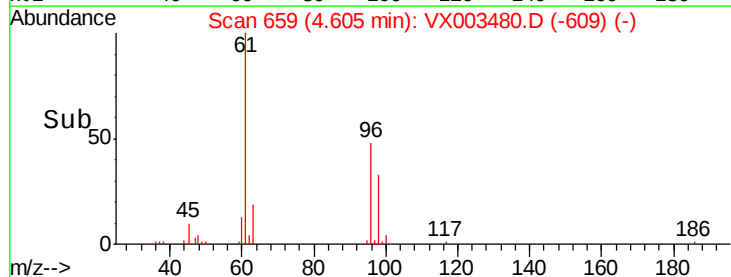
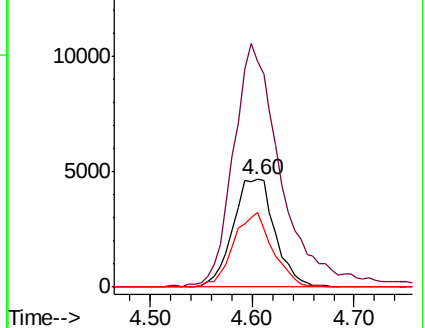
98 64.2 0.0 130.2

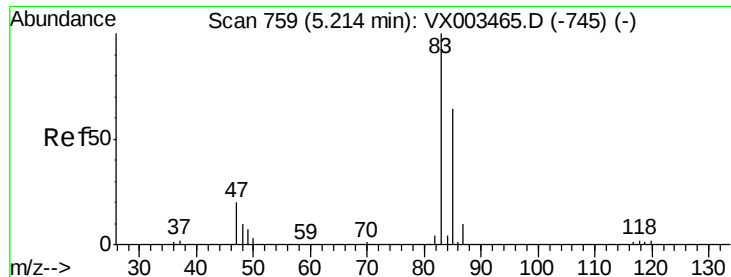


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

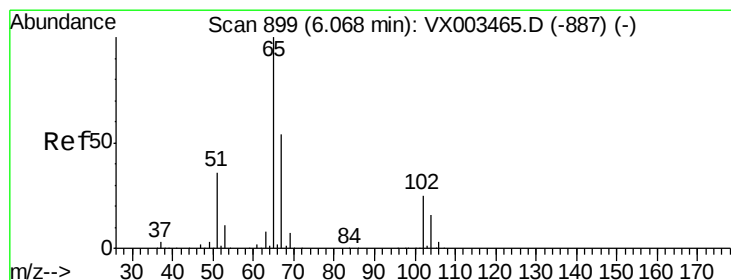
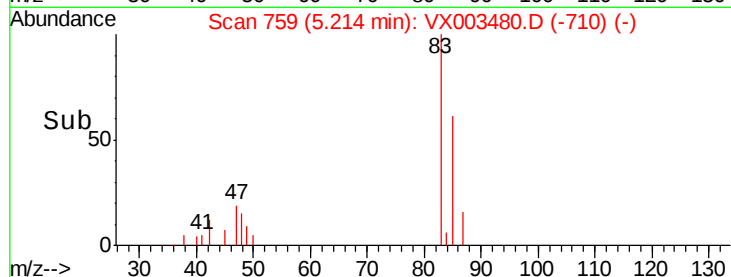
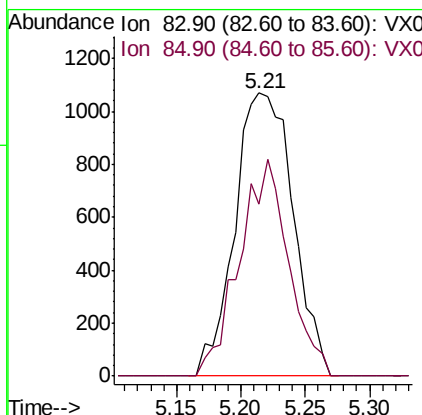
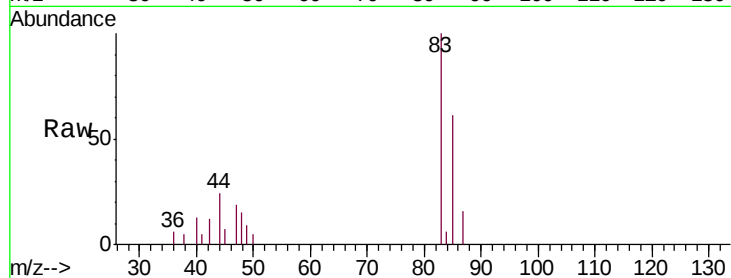




#30
Chloroform
Concen: 0.576 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

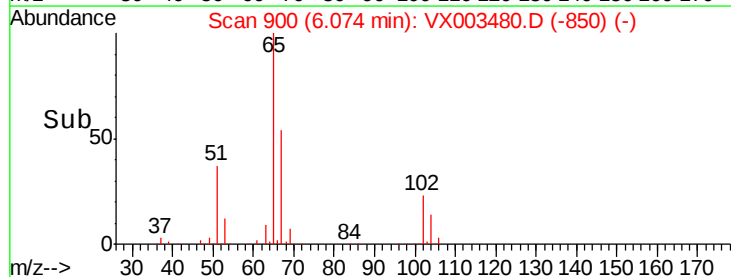
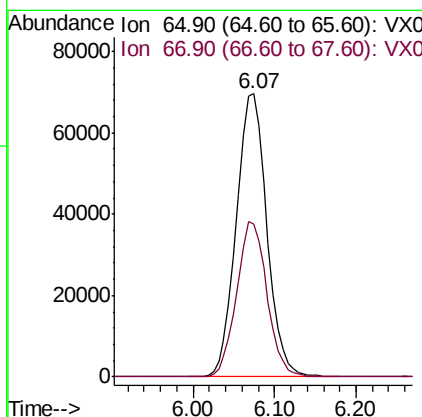
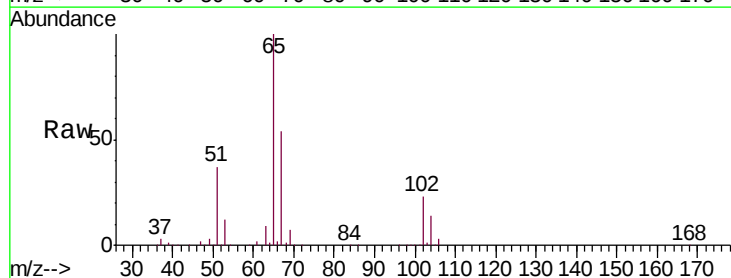
Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

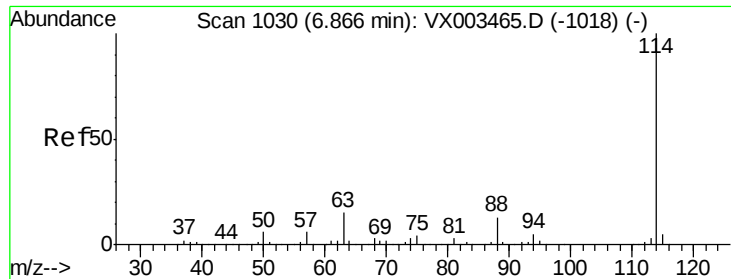
Tot Ion: 83 Resp: 3356
Ion Ratio Lower Upper
83 100
85 60.8 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 51.113 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 65 Resp: 180933
Ion Ratio Lower Upper
65 100
67 54.5 0.0 102.6

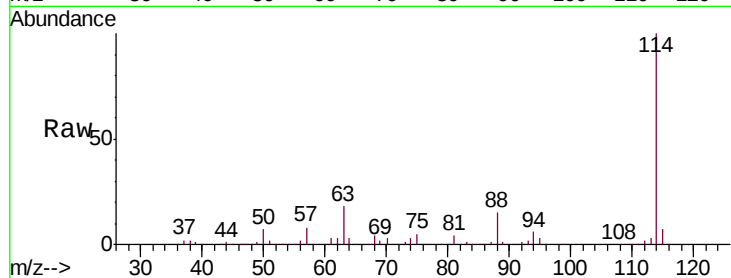




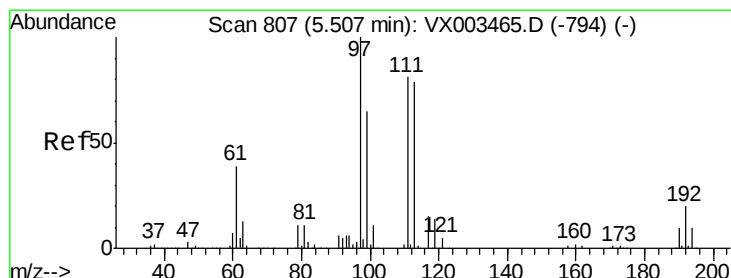
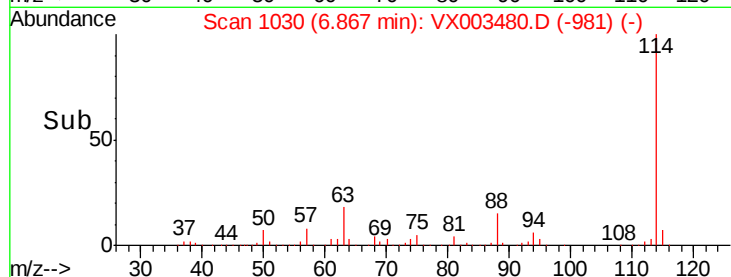
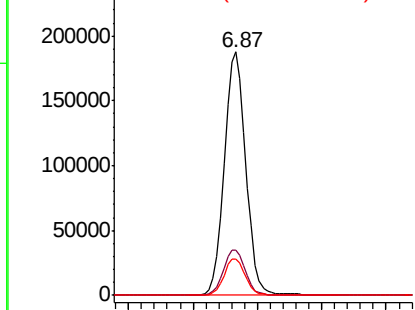
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003480.D
 Acq: 19 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-071018

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.4
88	15.1	0.0	30.0

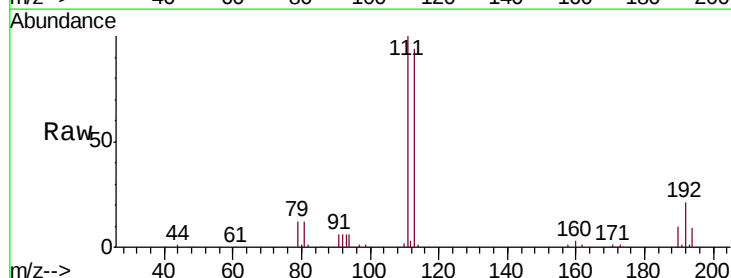


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

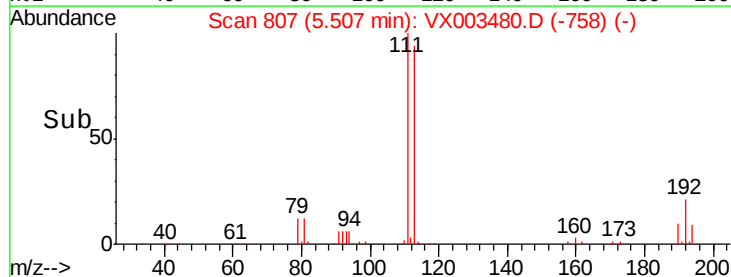
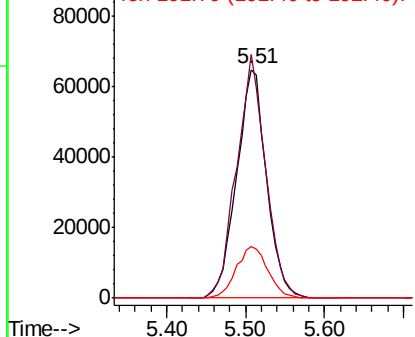


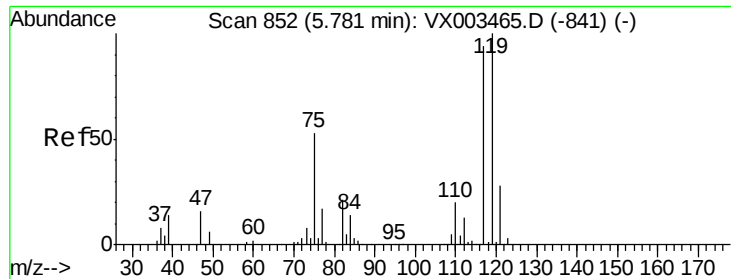
#35
 Dibromofluoromethane
 Concen: 50.354 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003480.D
 Acq: 19 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	24.0	19.1	28.7



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: 0.239 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.01 min

Lab File: VX003480.D

Acq: 19 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

TT101D-071018

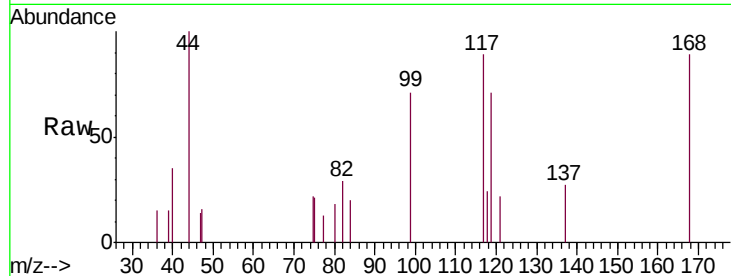
Tot Ion:117 Resp: 1126

Ion Ratio Lower Upper

117 100

119 79.9 77.4 116.0

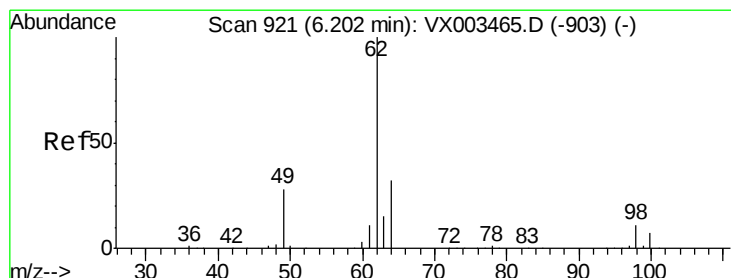
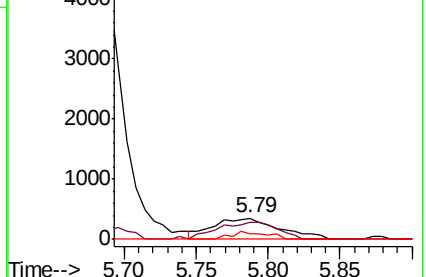
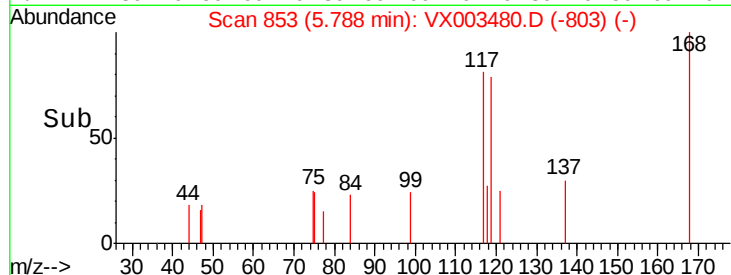
121 24.9 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#42

1,2-Dichloroethane

Concen: 0.297 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX003480.D

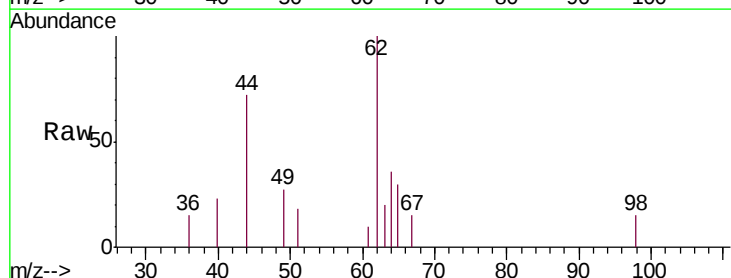
Acq: 19 Jul 2018 23:14

Tgt Ion: 62 Resp: 1357

Ion Ratio Lower Upper

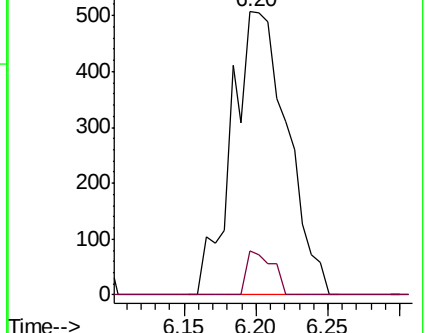
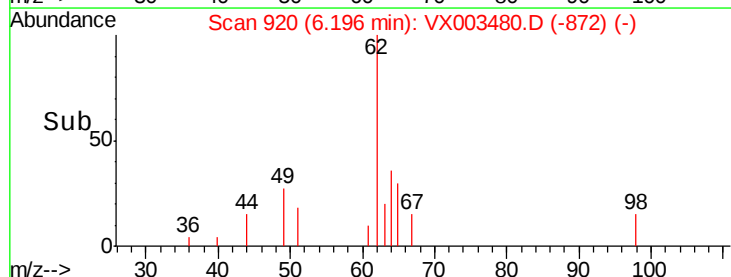
62 100

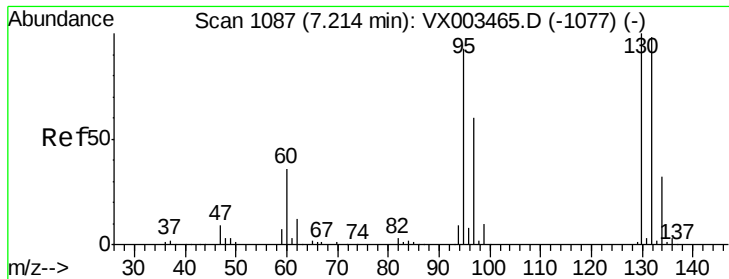
98 7.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 73.268 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003480.D

Acq: 19 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

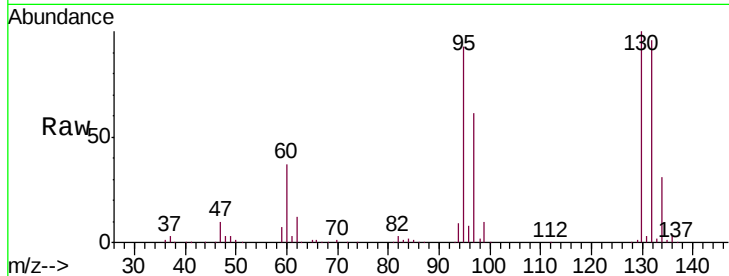
TT101D-071018

Tot Ion:130 Resp: 316868

Ion Ratio Lower Upper

130 100

95 92.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

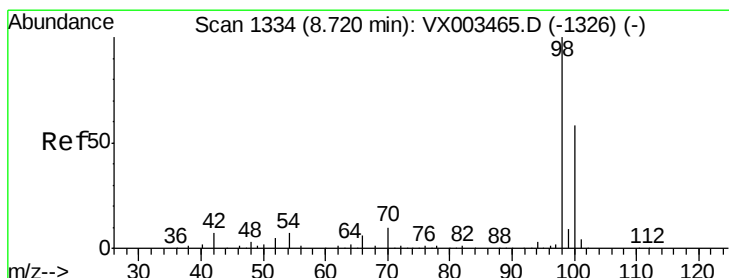
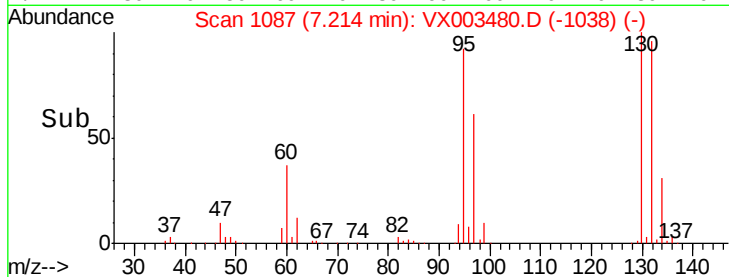
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.930 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003480.D

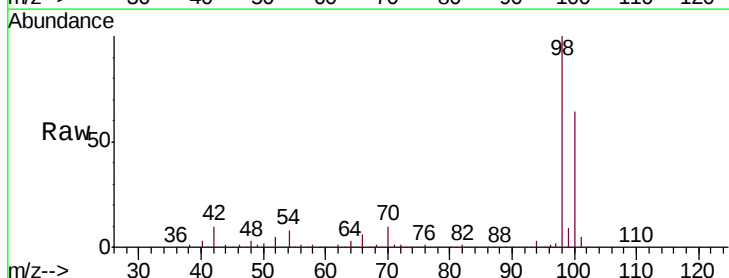
Acq: 19 Jul 2018 23:14

Tgt Ion: 98 Resp: 623168

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

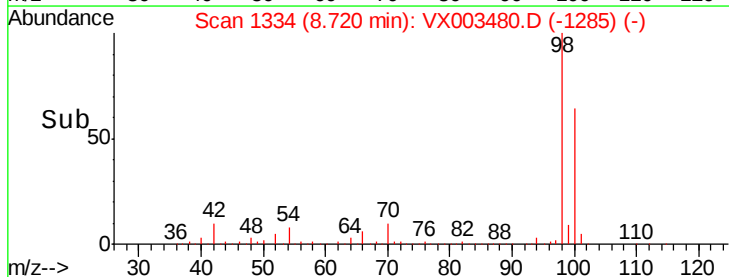
300000

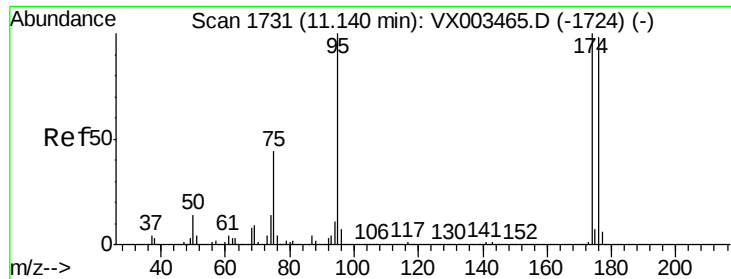
200000

100000

0

Time-->

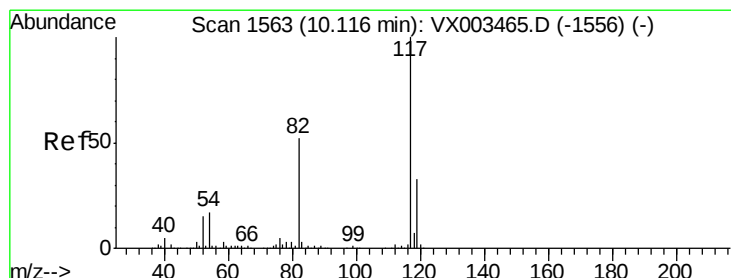
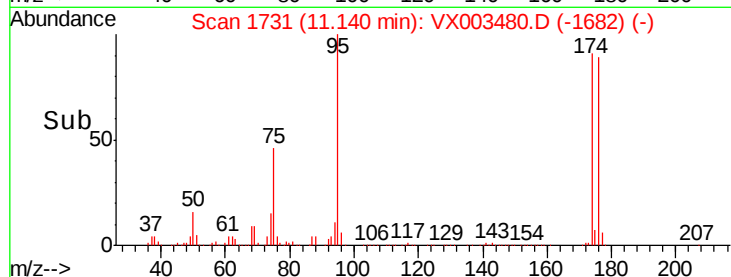
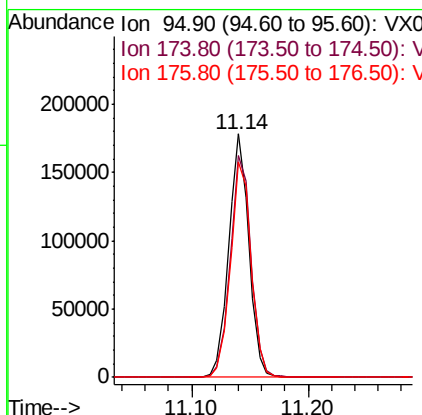
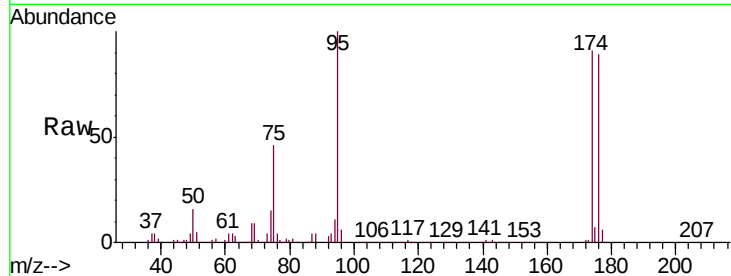




#62
4-Bromofluorobenzene
Concen: 45.960 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

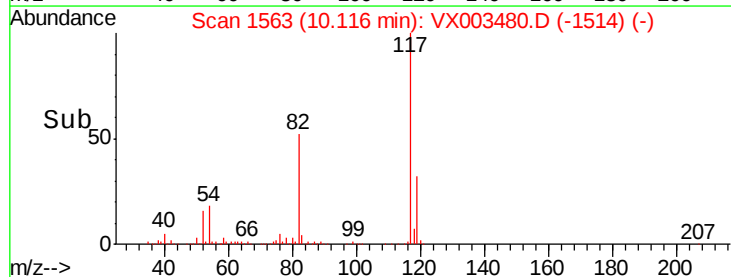
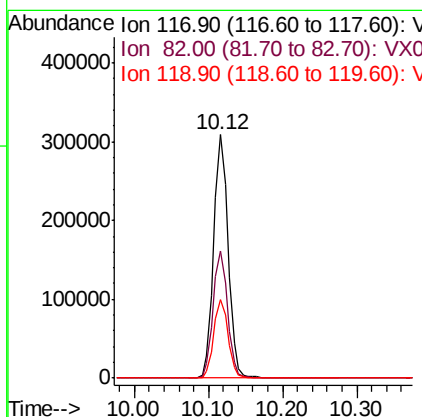
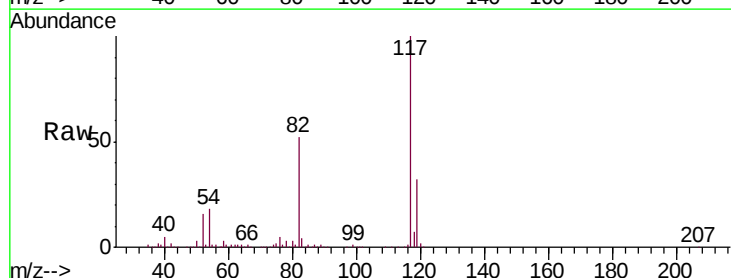
Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

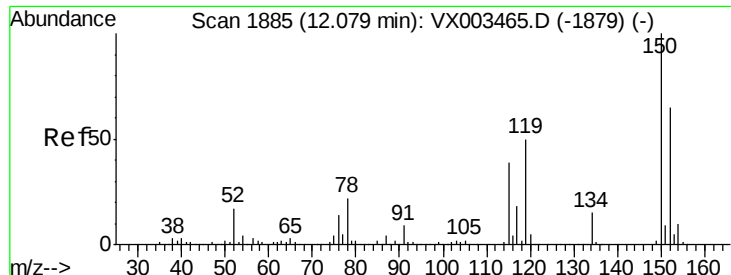
Tot Ion: 95 Resp: 213615
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.4
176 91.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 117 Resp: 411059
Ion Ratio Lower Upper
117 100
82 52.3 45.0 67.4
119 32.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX003480.D
 Acq: 19 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-071018

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	156.0	0.0	347.2

