

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003515.D
 Acq On : 20 Jul 2018 17:52
 Operator : JC/SP
 Sample : J3170-08DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-071118DL

Quant Time: Jul 20 23:30:10 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

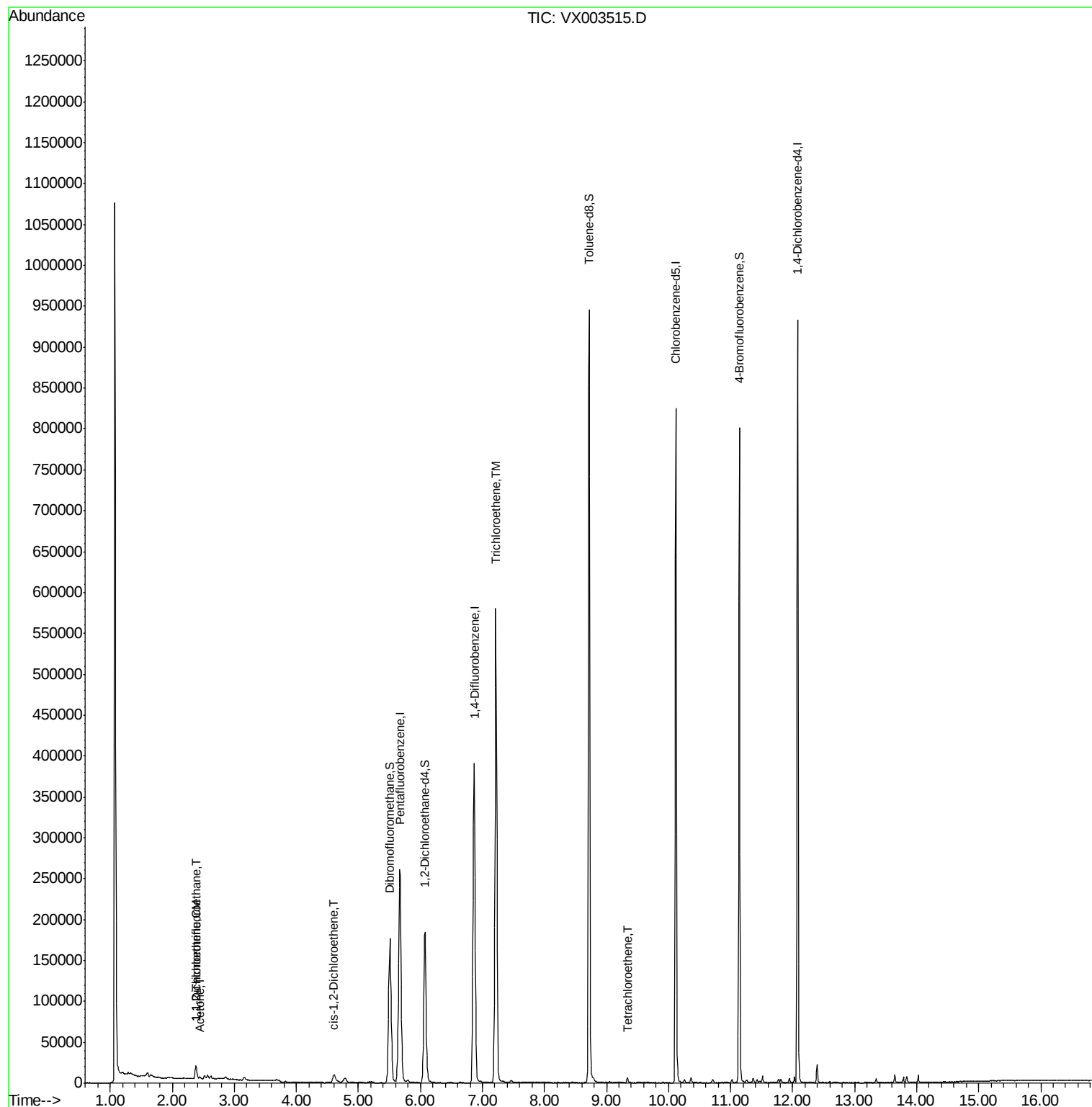
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175269	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	5.51	113	152910	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.72	98	580605	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.14	95	198464	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4936	1.648	ug/l	98
12) 1,1-Dichloroethene	2.37	96	1749	0.634	ug/l	94
16) Acetone	2.44	43	1361	1.127	ug/l #	69
27) cis-1,2-Dichloroethene	4.60	96	1797	0.526	ug/l #	1
44) Trichloroethene	7.21	130	239353	60.264	ug/l	98
64) Tetrachloroethene	9.34	164	1268	0.270	ug/l	96

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

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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: VX003515.D

Acq: 20 Jul 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

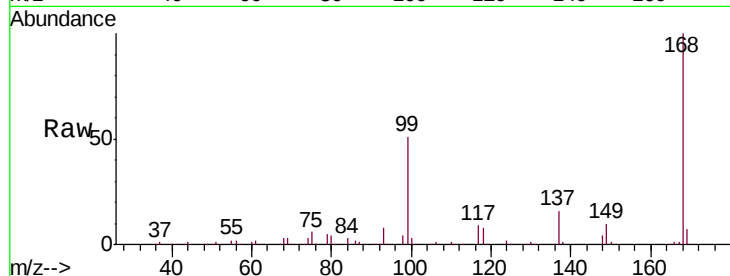
RE120D2-071118DL

Tot Ion:168 Resp: 270048

Ion Ratio Lower Upper

168 100

99 51.1 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

100000

80000

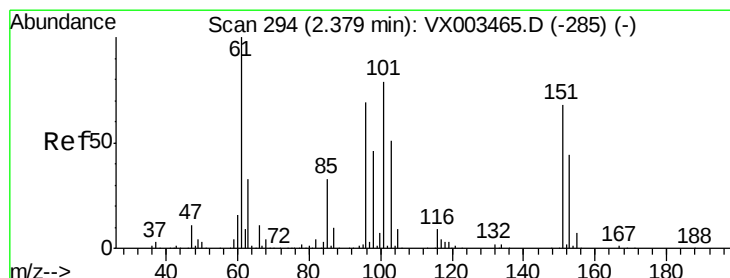
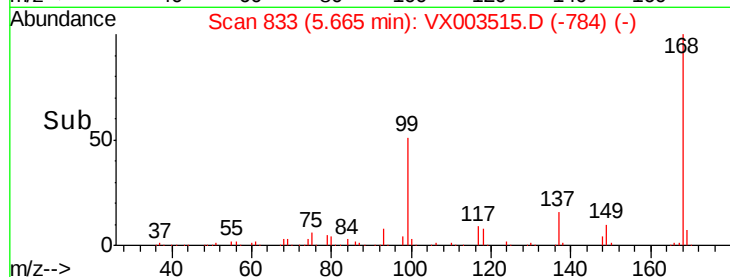
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.648 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003515.D

Acq: 20 Jul 2018 17:52

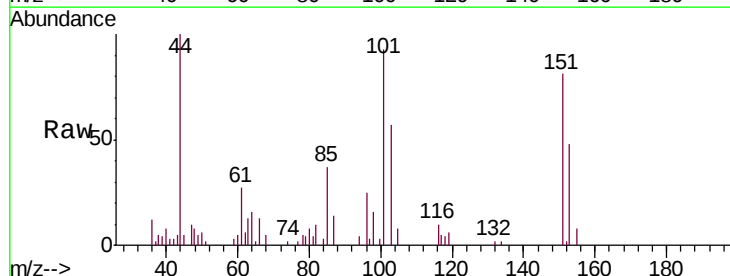
Tgt Ion:101 Resp: 4936

Ion Ratio Lower Upper

101 100

85 41.5 36.0 54.0

151 88.1 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

2.39

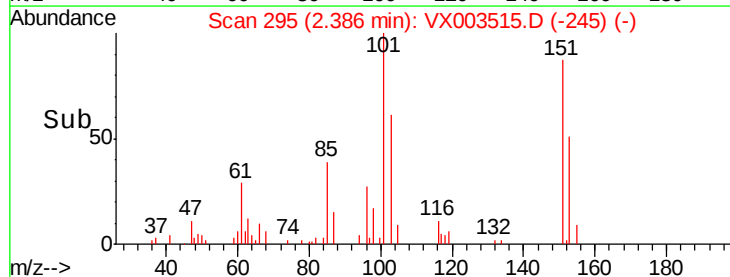
3000

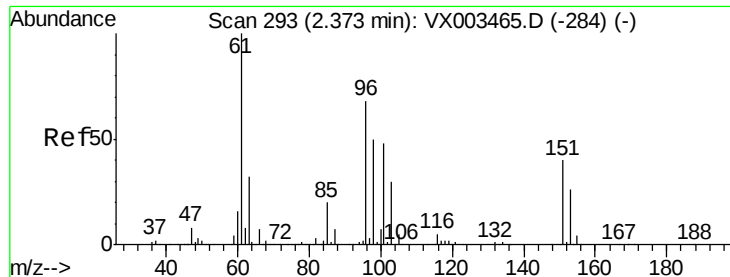
2000

1000

0

Time--> 2.30 2.35 2.40 2.45

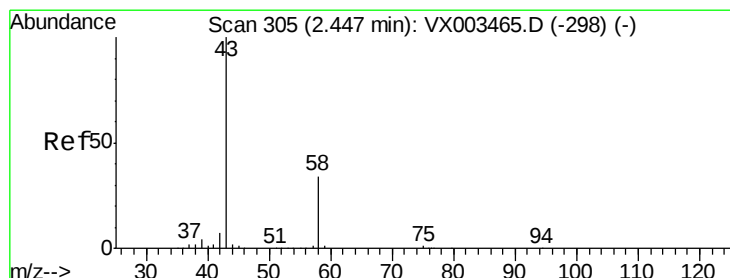
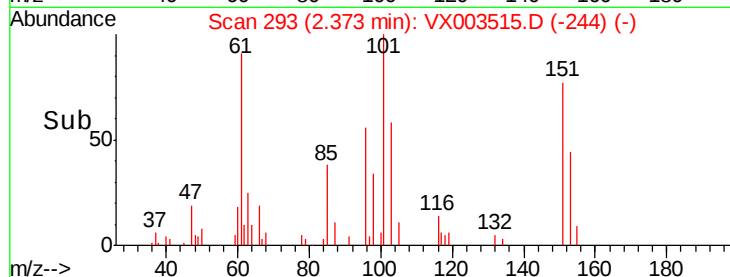
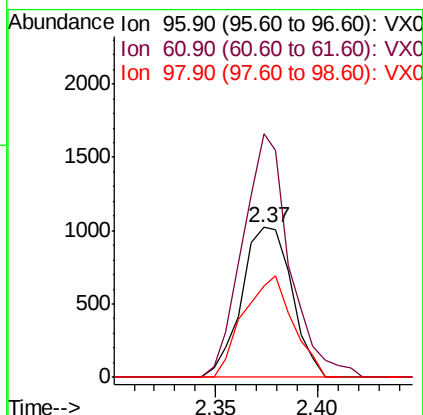
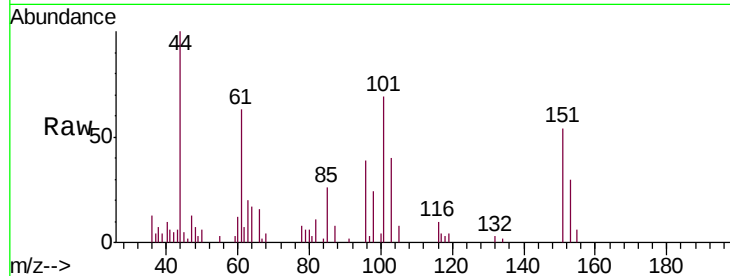




#12
 1,1-Dichloroethene
 Concen: 0.634 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003515.D
 Acq: 20 Jul 2018 17:52

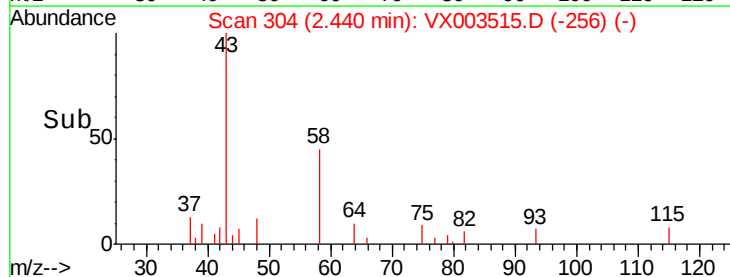
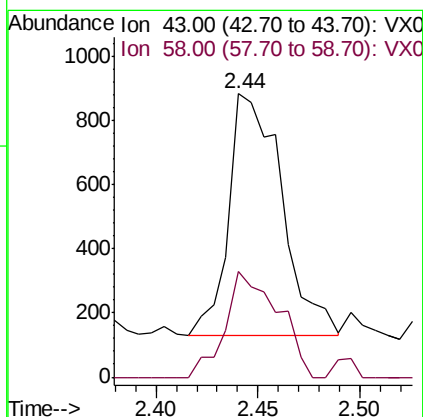
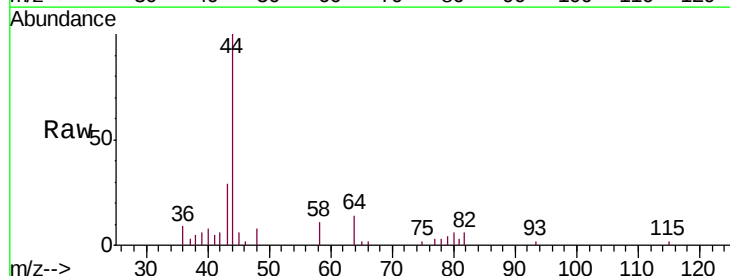
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-071118DL

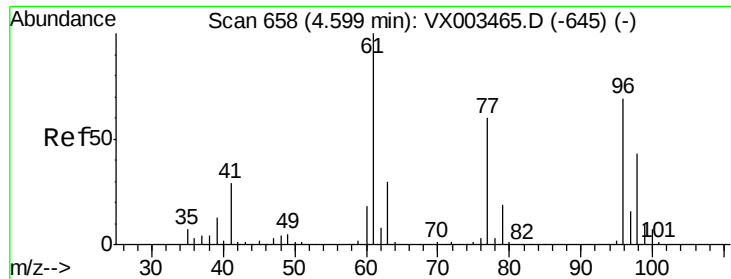
Tot Ion: 96 Resp: 1749
 Ion Ratio Lower Upper
 96 100
 61 162.3 137.9 206.9
 98 61.2 51.6 77.4



#16
 Acetone
 Concen: 1.127 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VX003515.D
 Acq: 20 Jul 2018 17:52

Tgt Ion: 43 Resp: 1361
 Ion Ratio Lower Upper
 43 100
 58 43.9 22.1 33.1#





#27

cis-1,2-Dichloroethene

Concen: 0.526 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003515.D

Acq: 20 Jul 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-071118DL

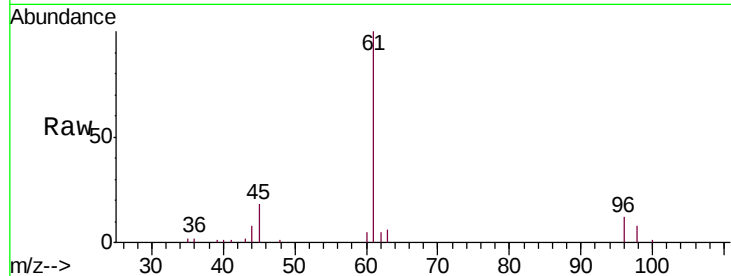
Tot Ion: 96 Resp: 1797

Ion Ratio Lower Upper

96 100

61 1351.4 0.0 330.2#

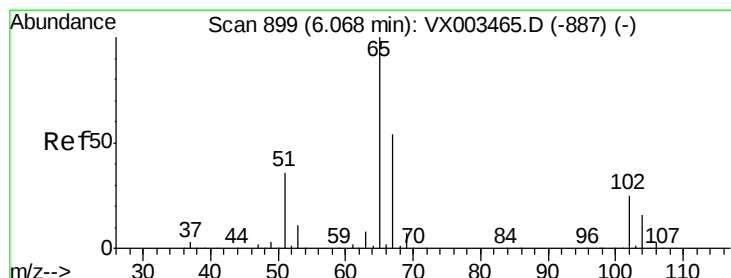
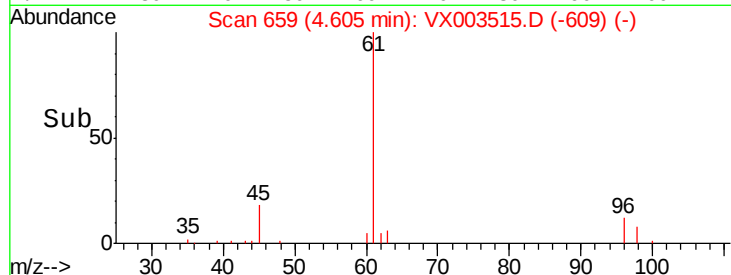
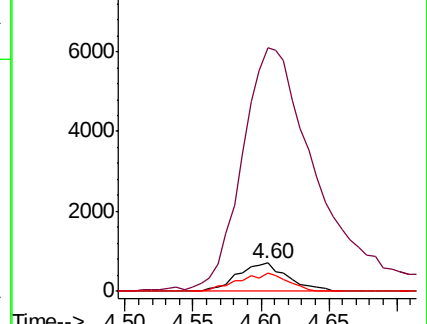
98 63.6 0.0 130.2



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



#33

1,2-Dichloroethane-d4

Concen: 54.829 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003515.D

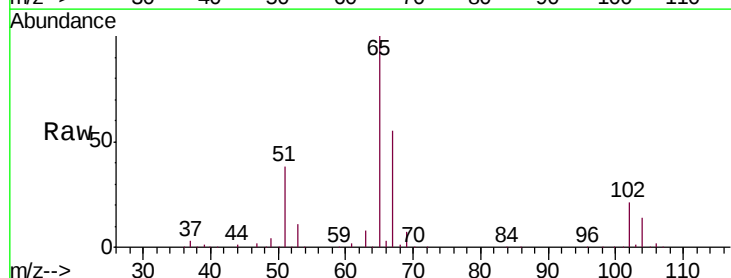
Acq: 20 Jul 2018 17:52

Tgt Ion: 65 Resp: 175269

Ion Ratio Lower Upper

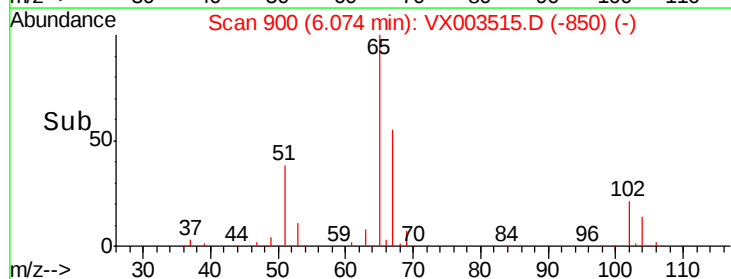
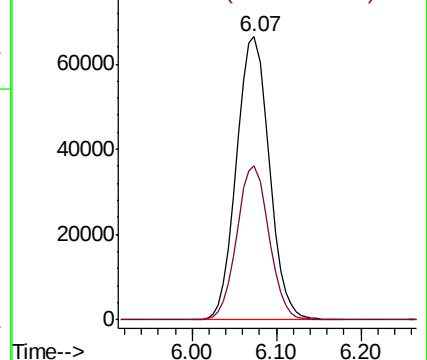
65 100

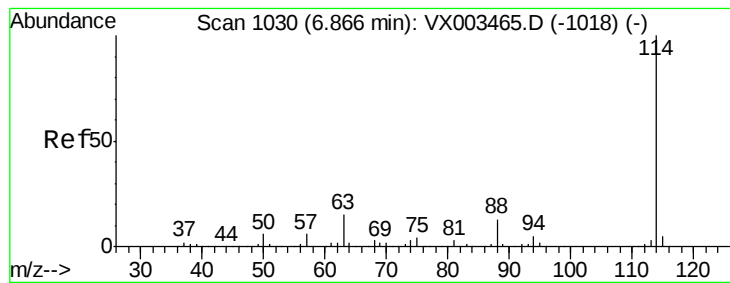
67 53.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003515.D

Acq: 20 Jul 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-071118DL

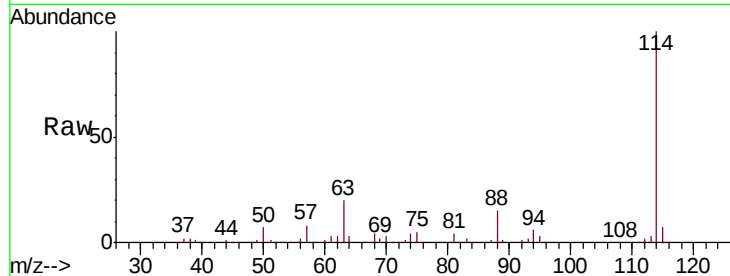
Tot Ion:114 Resp: 408557

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

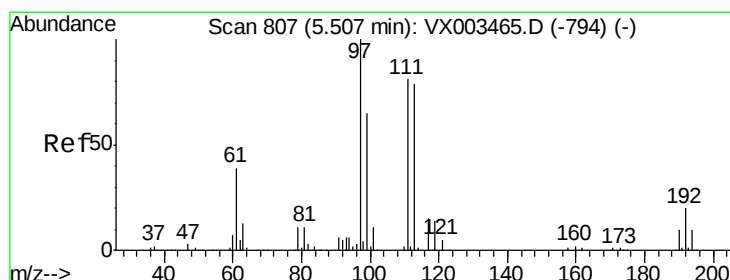
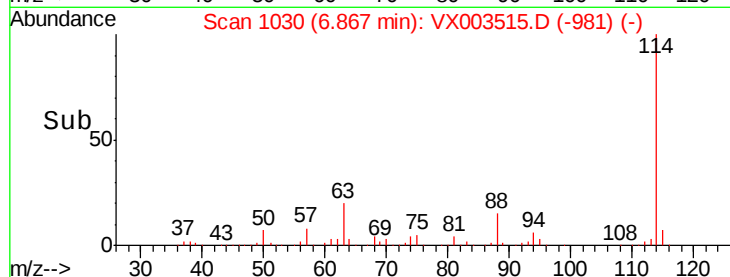
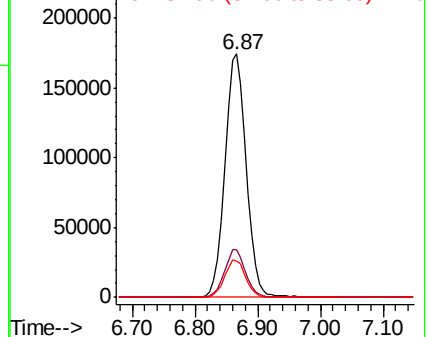
88 14.7 0.0 30.0



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: 49.138 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003515.D

Acq: 20 Jul 2018 17:52

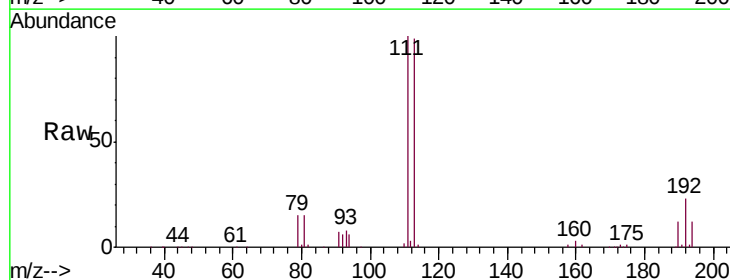
Tgt Ion:113 Resp: 152910

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

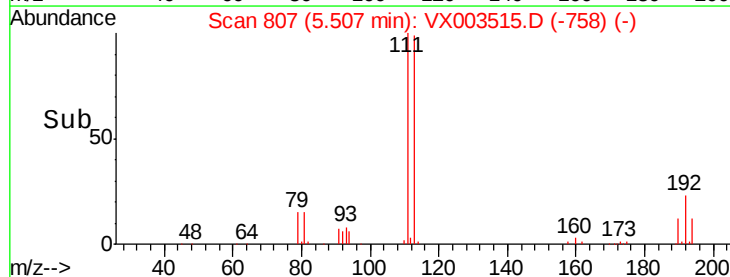
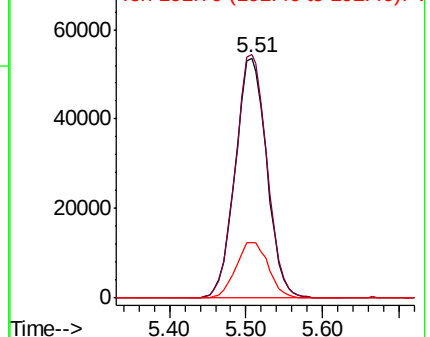
192 24.0 19.1 28.7

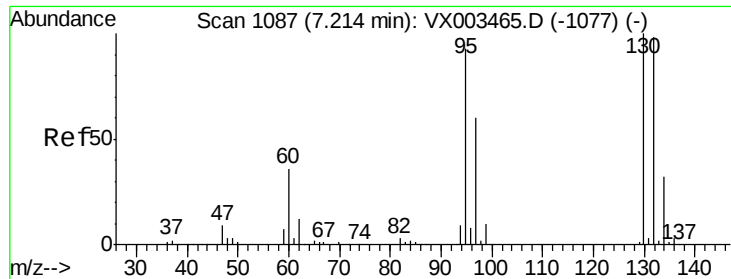


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

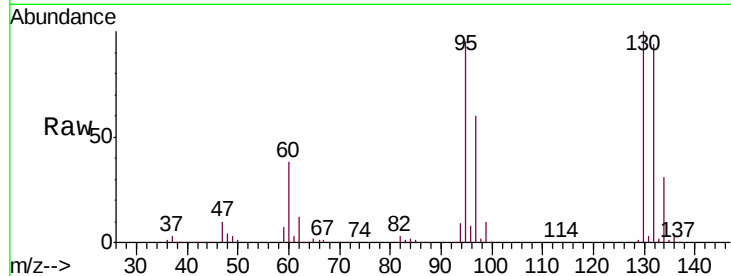




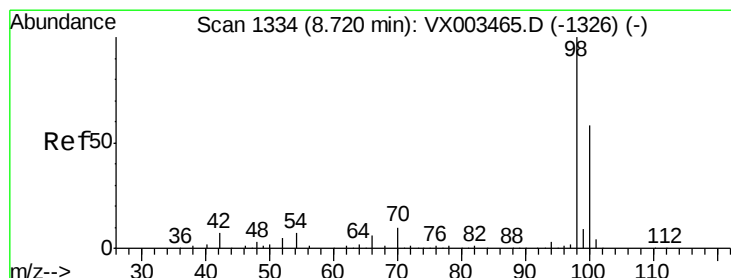
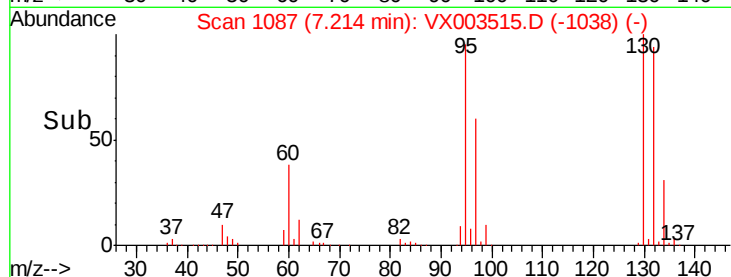
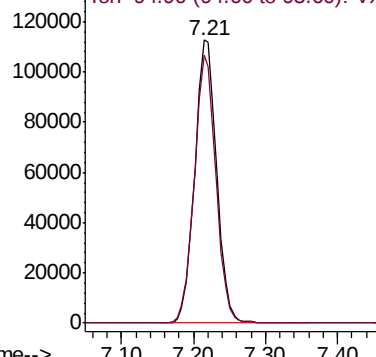
#44
 Trichloroethene
 Concen: 60.264 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003515.D
 Acq: 20 Jul 2018 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-071118DL

Tot Ion:130 Resp: 239353
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 185.4

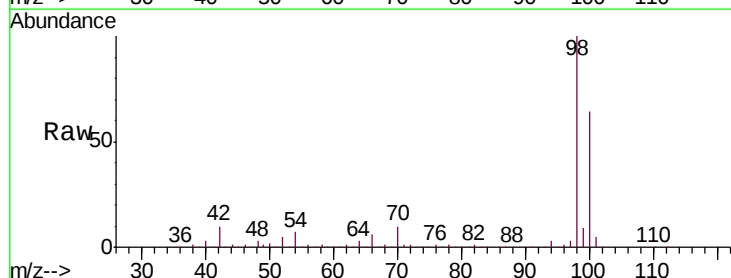


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

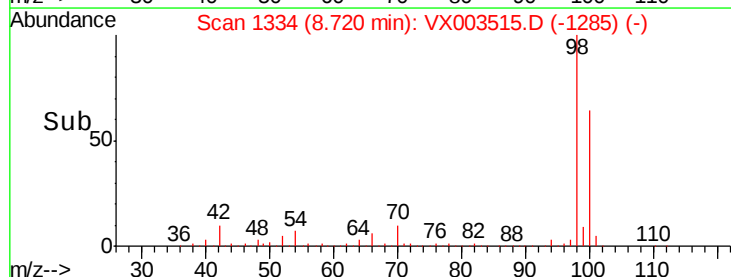
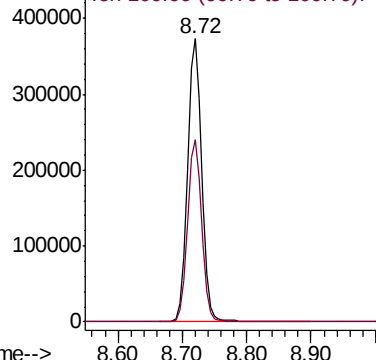


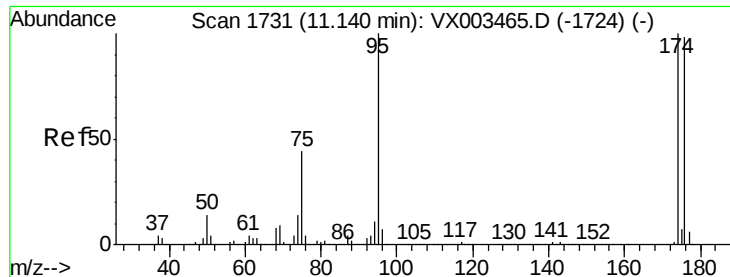
#50
 Toluene-d8
 Concen: 49.640 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003515.D
 Acq: 20 Jul 2018 17:52

Tgt Ion: 98 Resp: 580605
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

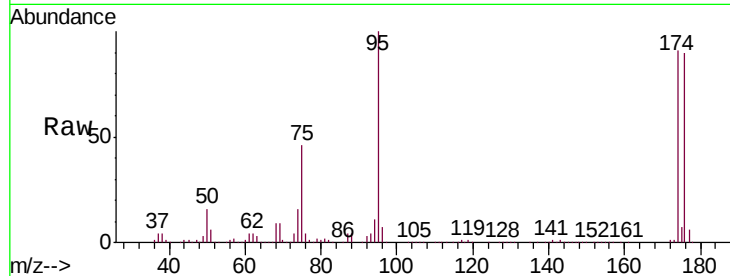




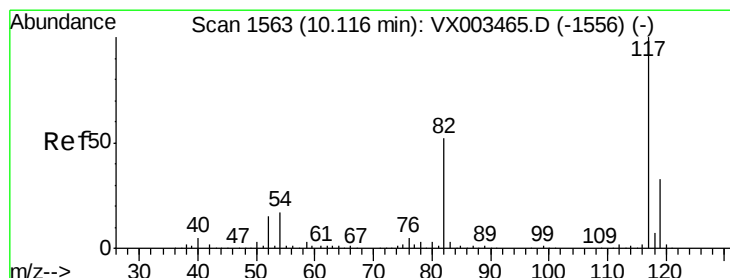
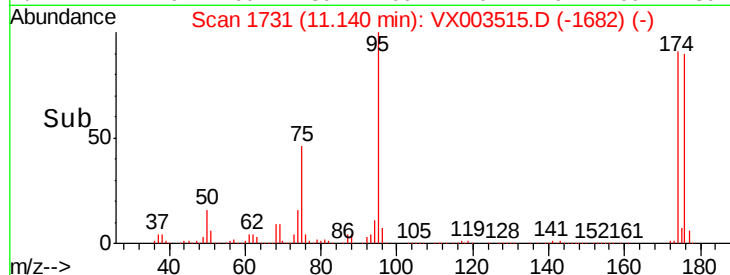
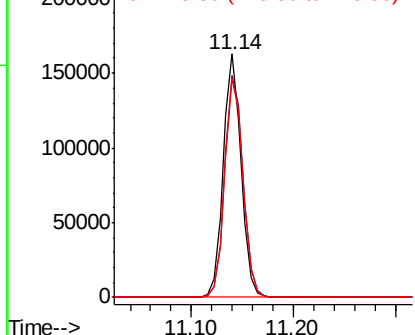
#62
4-Bromofluorobenzene
Concen: 46.496 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003515.D
Acq: 20 Jul 2018 17:52

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118DL

Tot Ion: 95 Resp: 198464
Ion Ratio Lower Upper
95 100
174 94.1 0.0 187.4
176 91.4 0.0 181.0

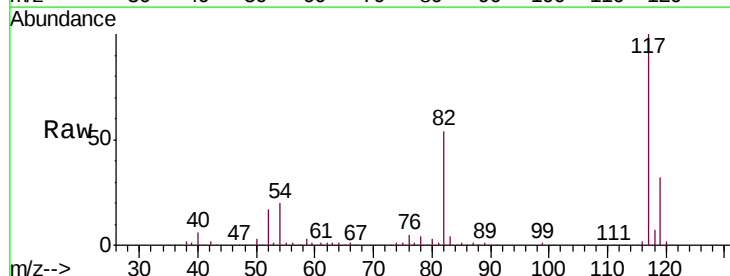


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

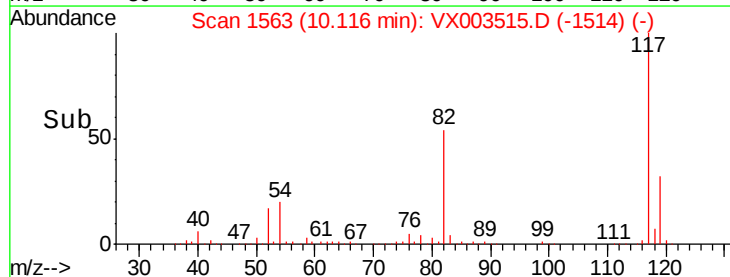
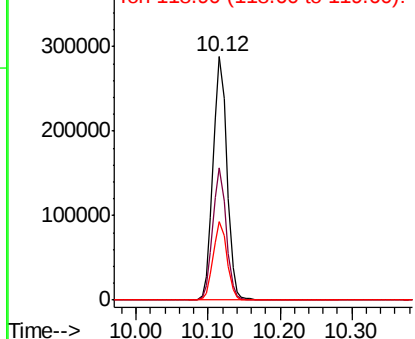


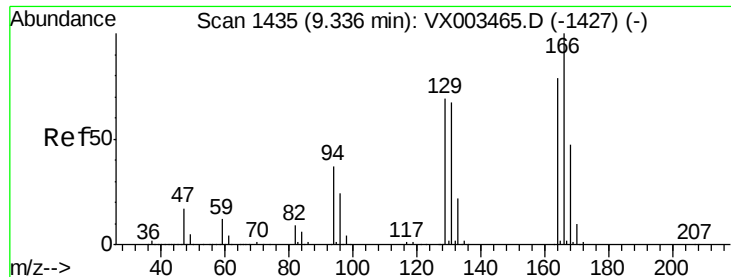
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003515.D
Acq: 20 Jul 2018 17:52

Tgt Ion: 117 Resp: 385400
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.4 25.8 38.6



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

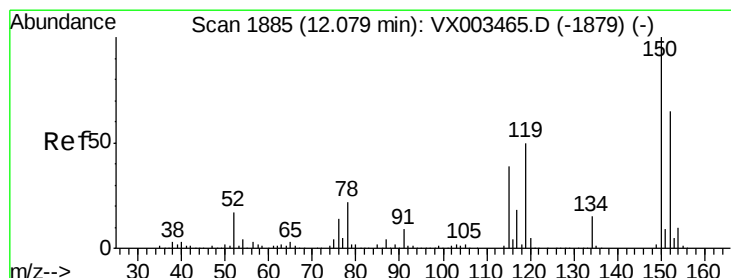
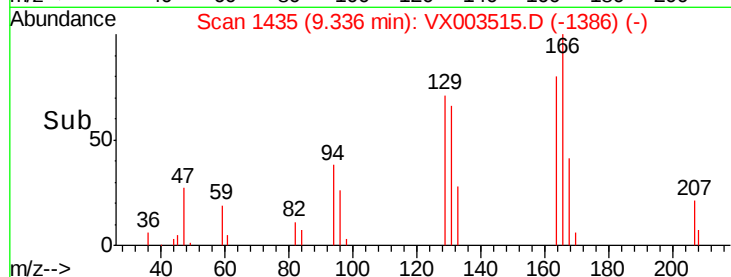
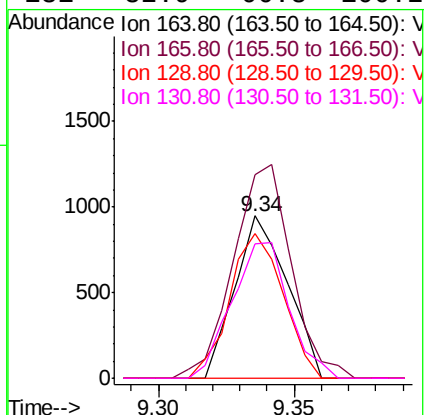
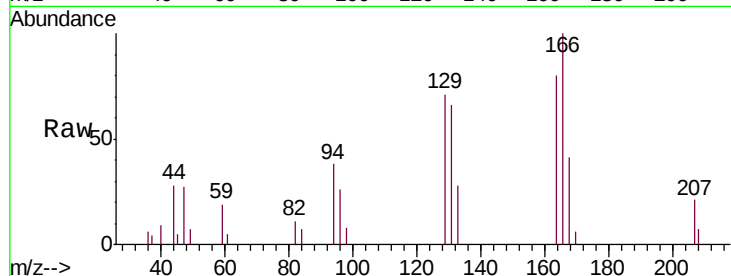




#64
Tetrachloroethene
Concen: 0.270 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003515.D
Acq: 20 Jul 2018 17:52

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-071118DL

Tot Ion:	164	Resp:	1268
Ion	Ratio	Lower	Upper
164	100		
166	120.3	102.9	154.3
129	88.9	68.6	102.8
131	82.9	66.8	100.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003515.D
Acq: 20 Jul 2018 17:52

Tgt Ion:	152	Resp:	207283
Ion	Ratio	Lower	Upper
152	100		
115	54.3	40.1	120.2
150	156.0	0.0	347.2

