

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006701.D
 Acq On : 21 Dec 2018 03:21
 Operator : JC/MD
 Sample : J6514-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0498

Quant Time: Dec 21 07:59:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

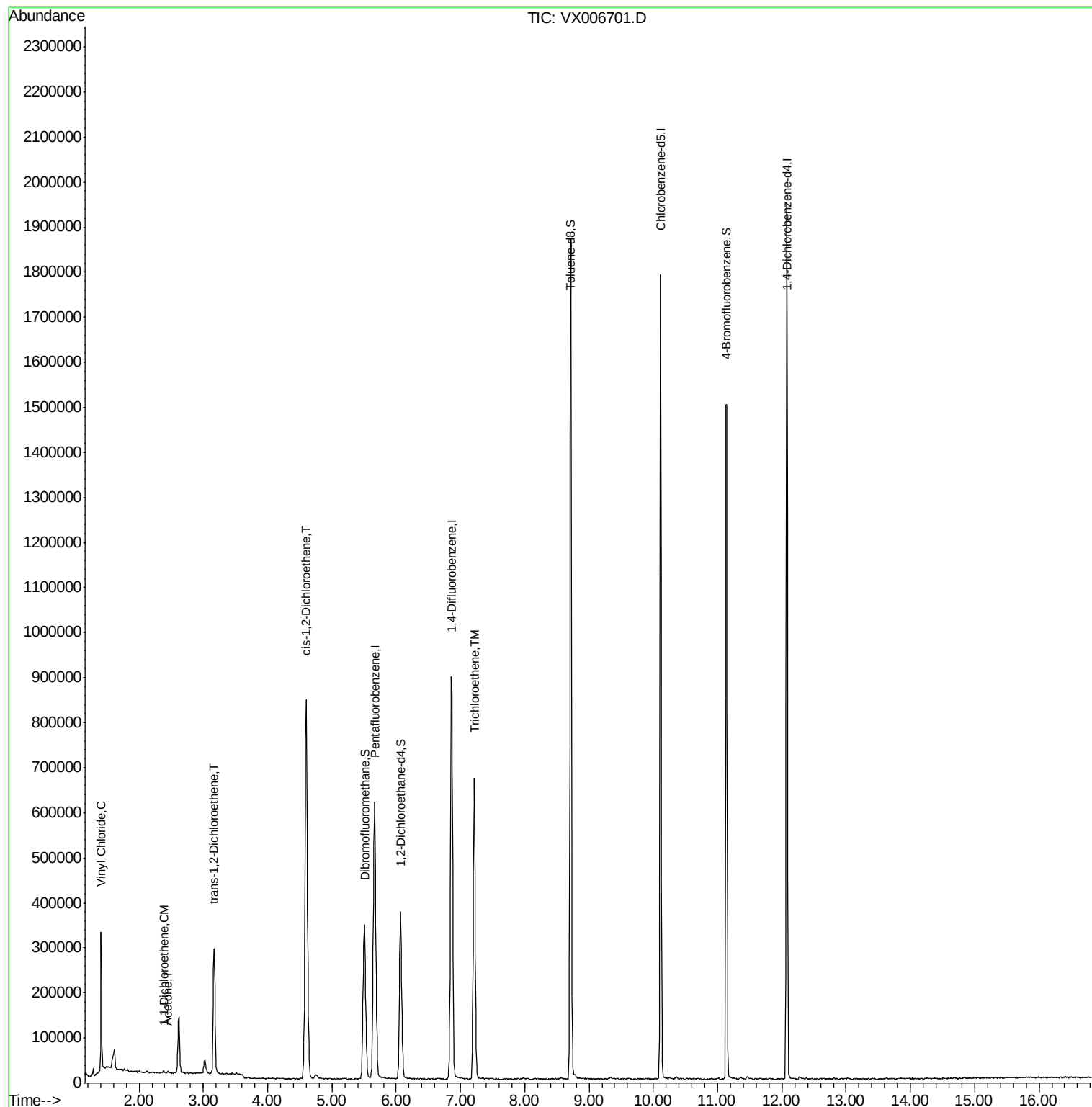
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	616172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	976356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	889041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	340033	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	5.51	113	292776	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	8.71	98	1158932	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	411174	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
4) Vinyl Chloride	1.41	62	188661	29.745	ug/l	98
12) 1,1-Dichloroethene	2.38	96	2135	0.388	ug/l #	64
16) Acetone	2.45	43	5014	1.643	ug/l #	85
21) trans-1,2-Dichloroethene	3.17	96	117737	19.301	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	561972	83.501	ug/l	92
44) Trichloroethene	7.21	130	267150	35.909	ug/l	96

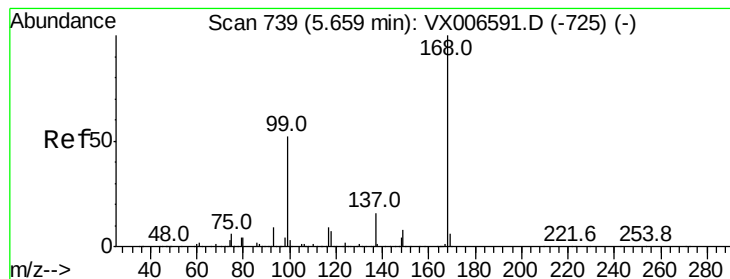
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006701.D
Acq On : 21 Dec 2018 03:21
Operator : JC/MD
Sample : J6514-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0498

Quant Time: Dec 21 07:59:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

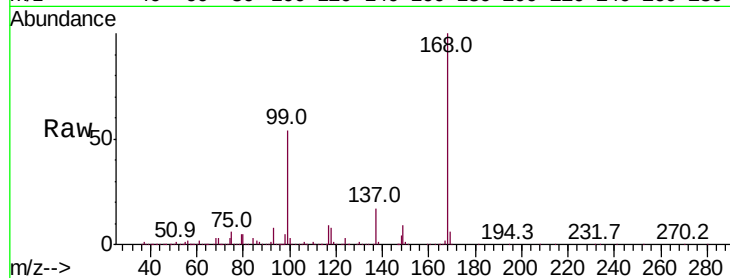
S49-0498

Tot Ion:168 Resp: 616172

Ion Ratio Lower Upper

168 100

99 53.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

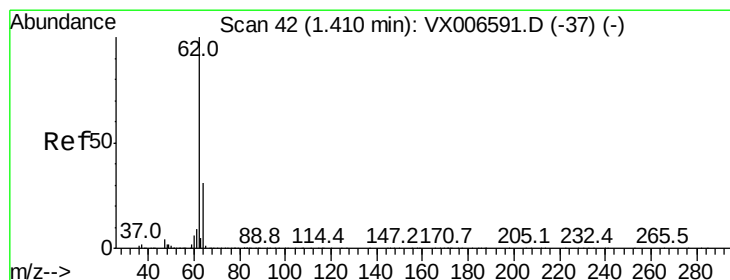
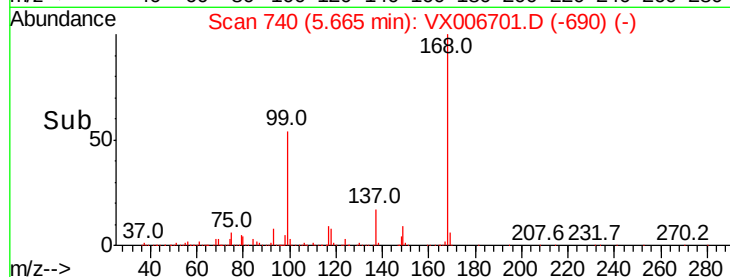
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 29.745 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006701.D

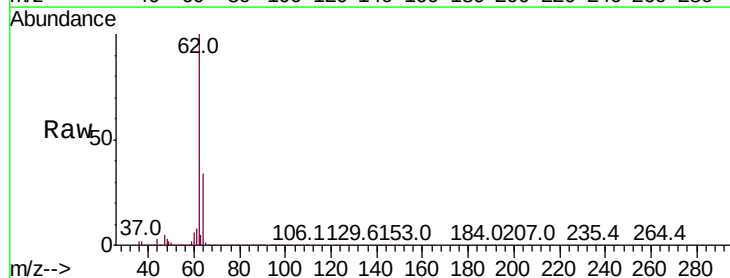
Acq: 21 Dec 2018 03:21

Tgt Ion: 62 Resp: 188661

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

200000

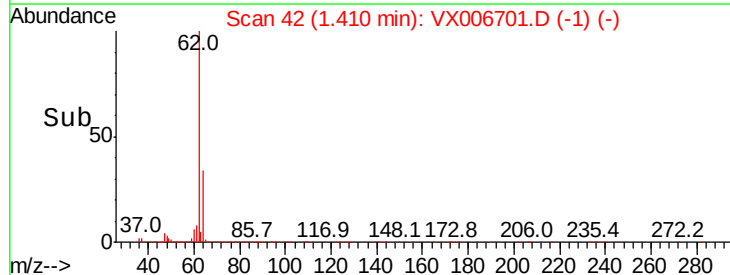
150000

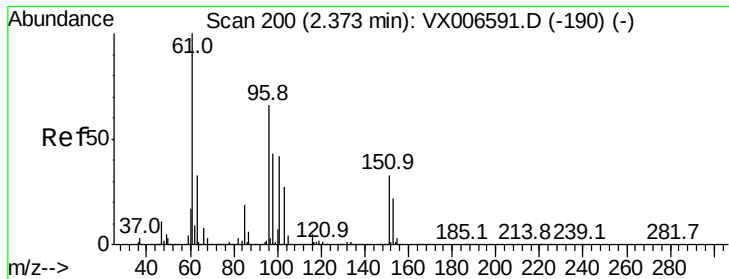
100000

50000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 0.388 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

S49-0498

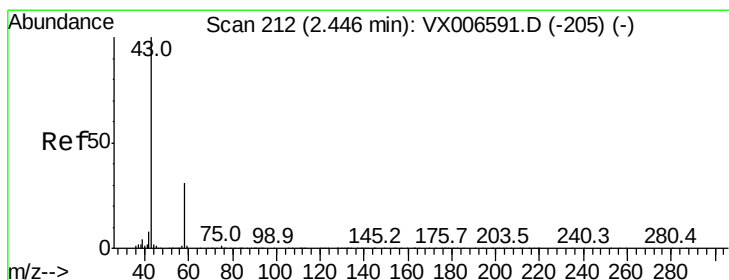
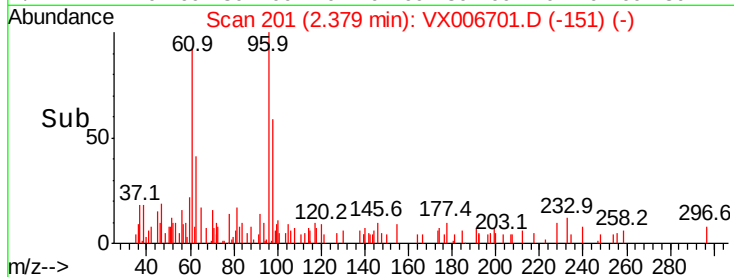
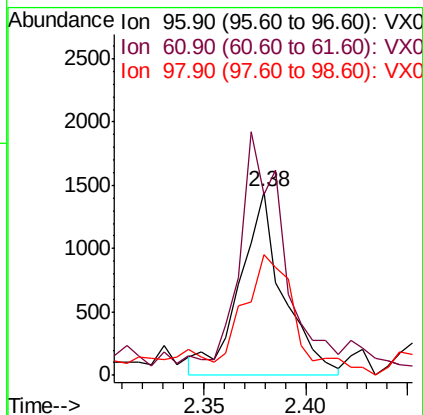
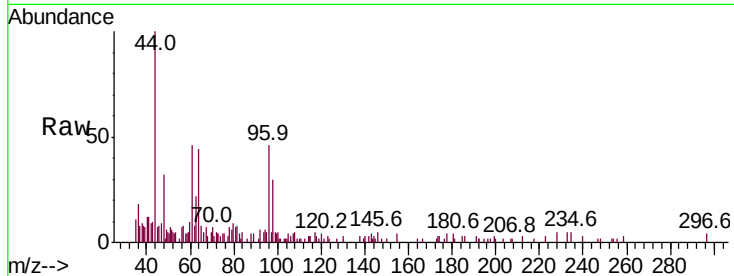
Tot Ion: 96 Resp: 2135

Ion Ratio Lower Upper

96 100

61 90.3 121.4 182.2#

98 58.2 51.9 77.9



#16

Acetone

Concen: 1.643 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006701.D

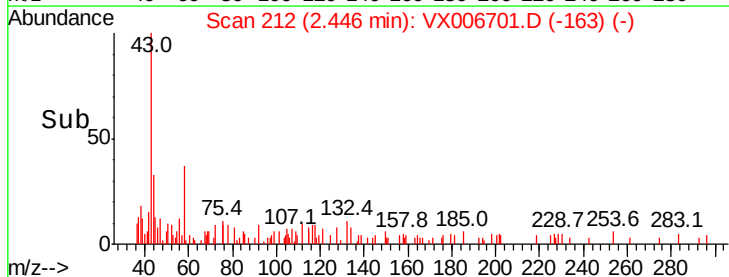
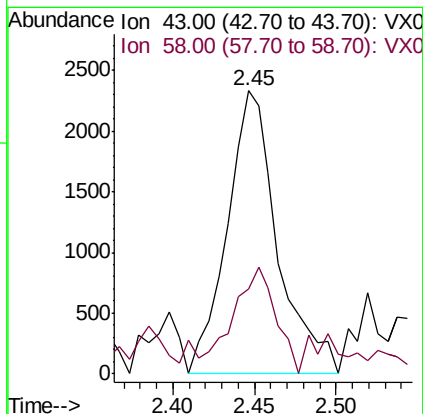
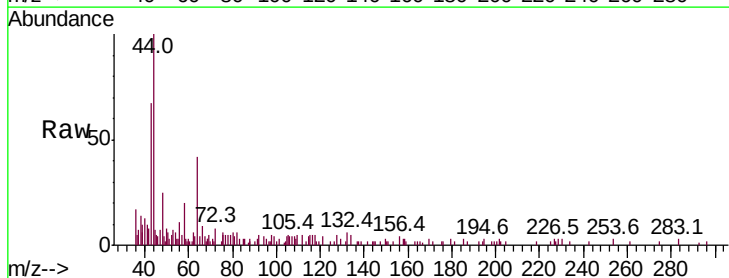
Acq: 21 Dec 2018 03:21

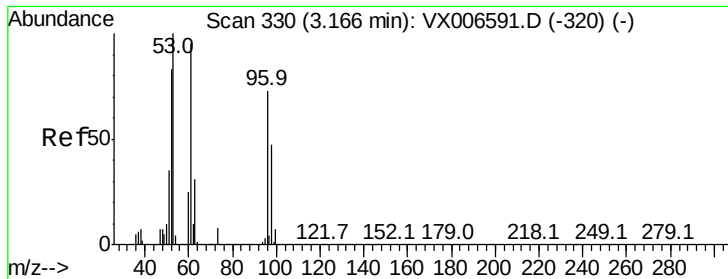
Tgt Ion: 43 Resp: 5014

Ion Ratio Lower Upper

43 100

58 23.3 25.0 37.6#





#21

trans-1,2-Dichloroethene

Concen: 19.301 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

Instrument :

MSVOA_X

ClientSampled :

S49-0498

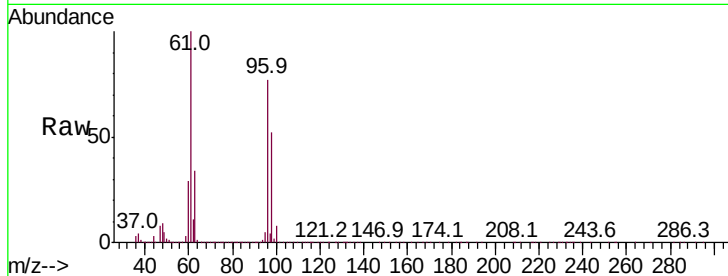
Tot Ion: 96 Resp: 117737

Ion Ratio Lower Upper

96 100

61 129.6 103.7 155.5

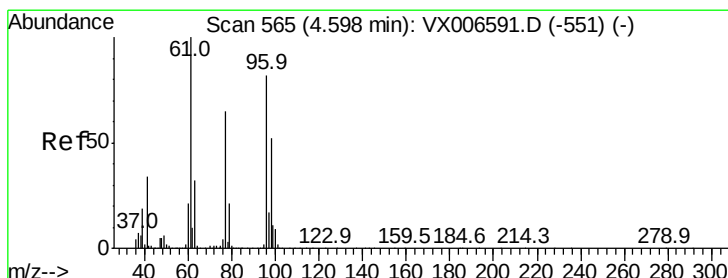
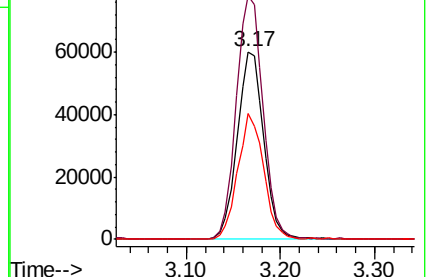
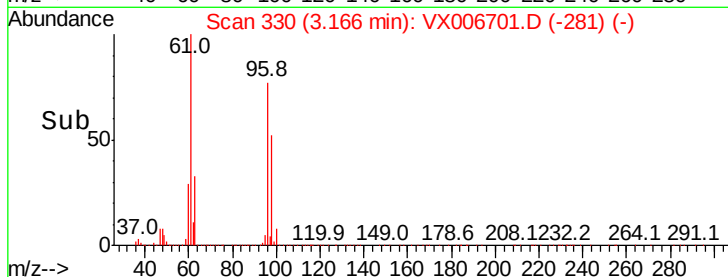
98 67.1 51.0 76.6



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



#27

cis-1,2-Dichloroethene

Concen: 83.501 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

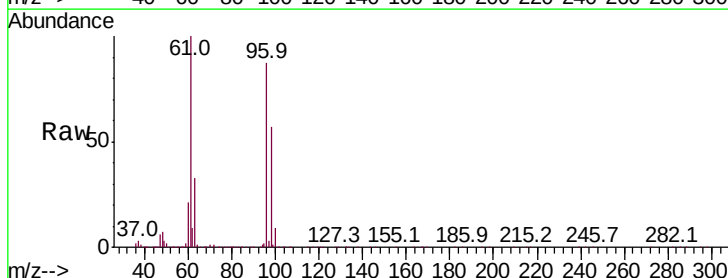
Tgt Ion: 96 Resp: 561972

Ion Ratio Lower Upper

96 100

61 115.6 0.0 258.6

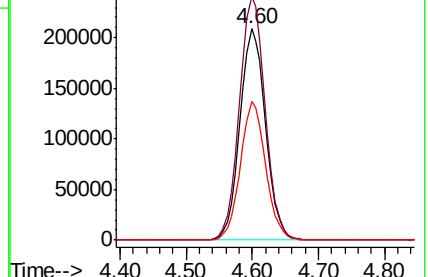
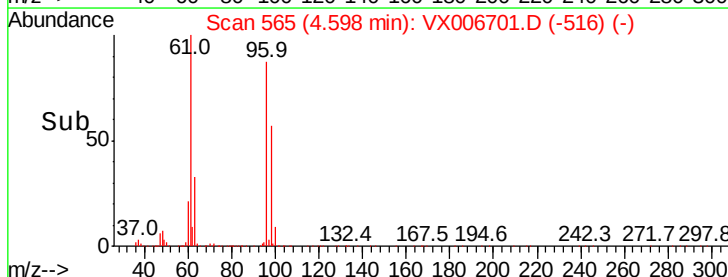
98 64.7 0.0 132.0

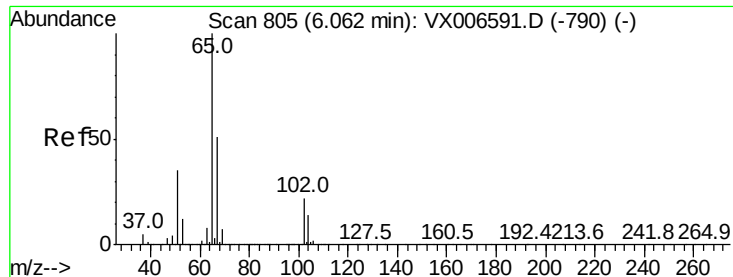


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.203 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

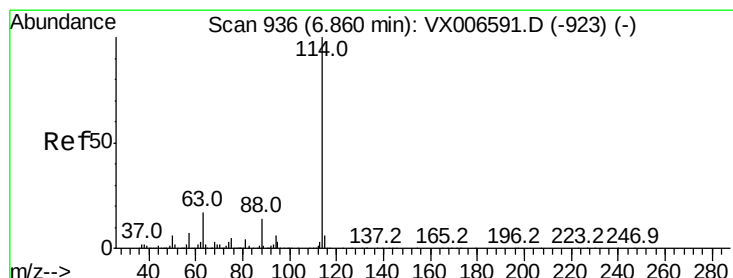
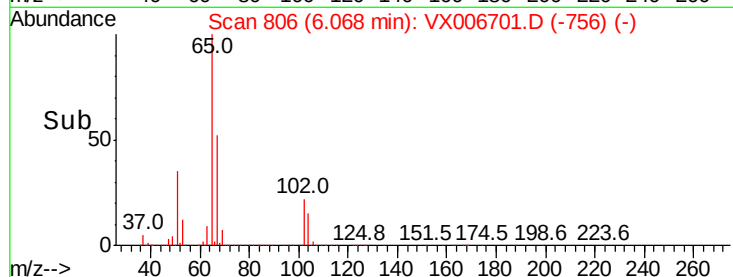
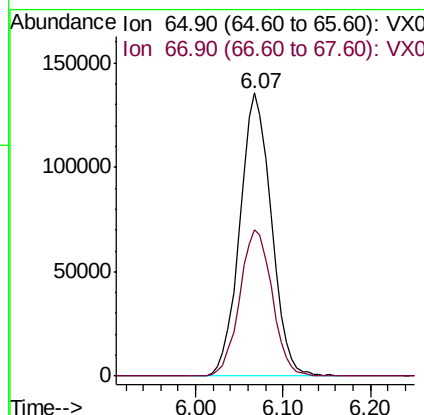
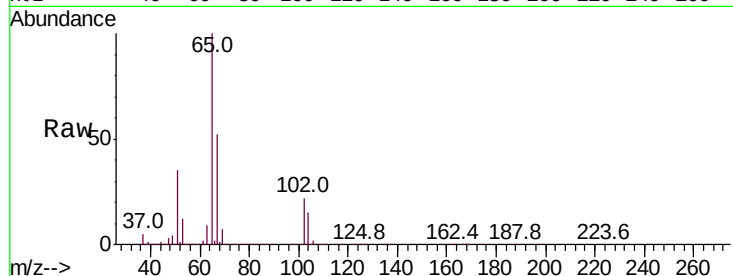
Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0498

Tot Ion: 65 Resp: 340033

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

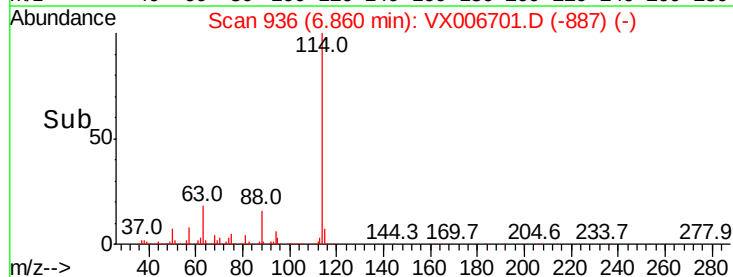
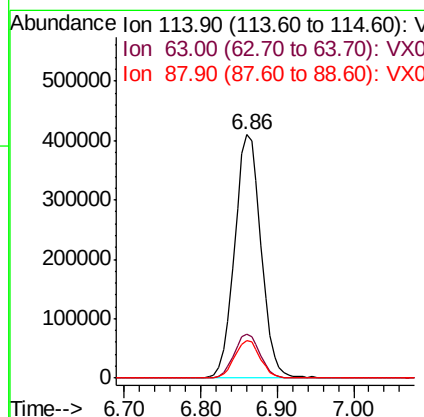
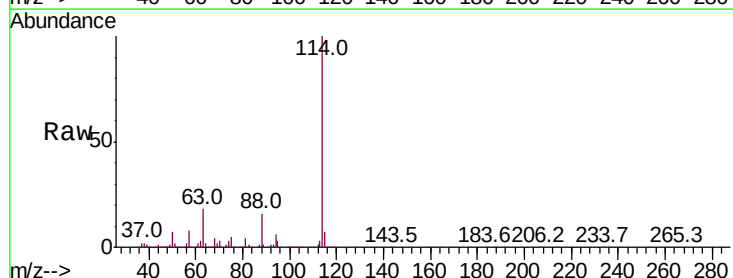
Delta R.T. -0.00 min

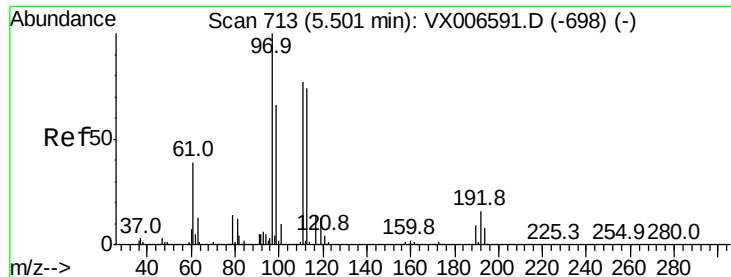
Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

Tgt Ion: 114 Resp: 976356

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.8
88	15.5	0.0	28.8

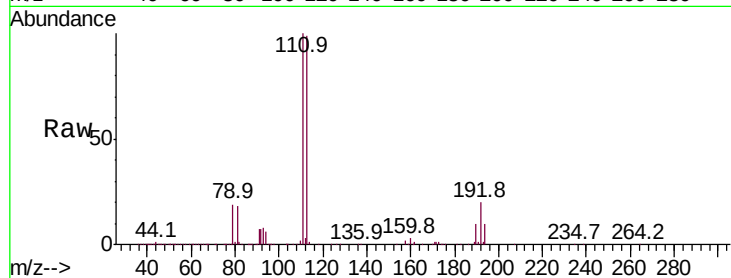




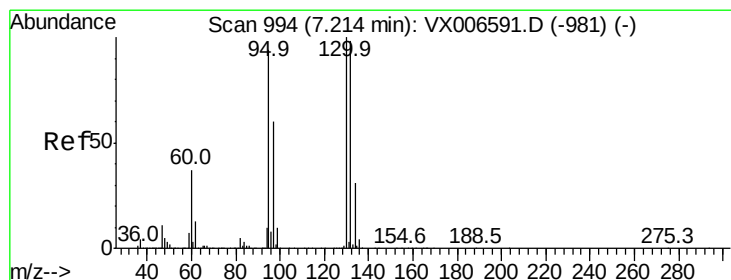
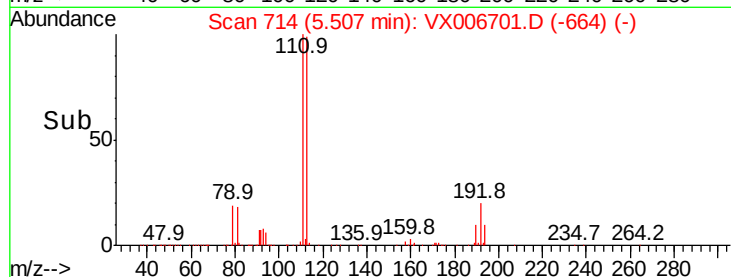
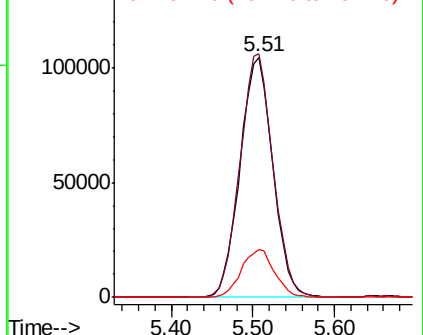
#35
 Dibromofluoromethane
 Concen: 47.419 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006701.D
 Acq: 21 Dec 2018 03:21

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0498

Tot Ion:113 Resp: 292776
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 20.2 16.7 25.1

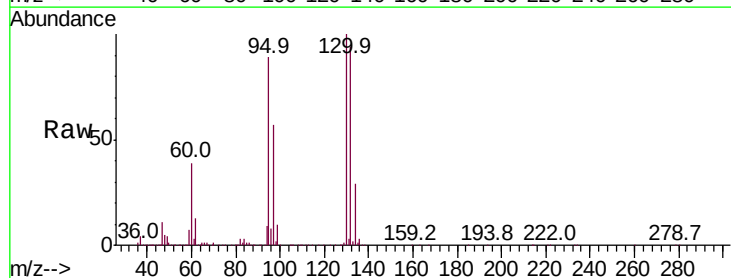


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

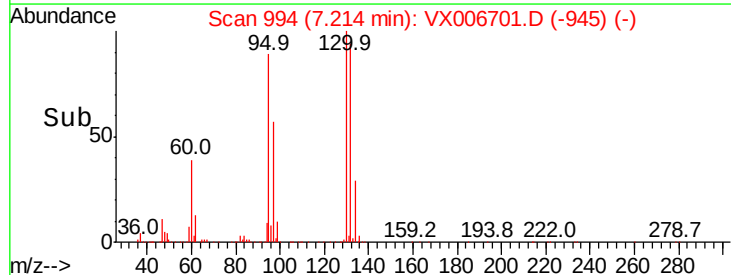
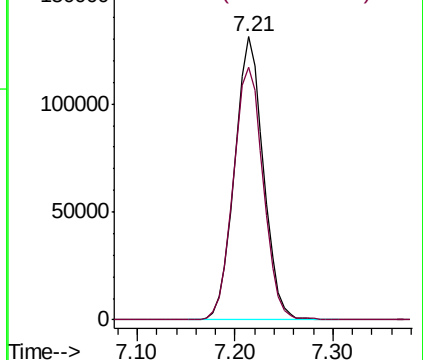


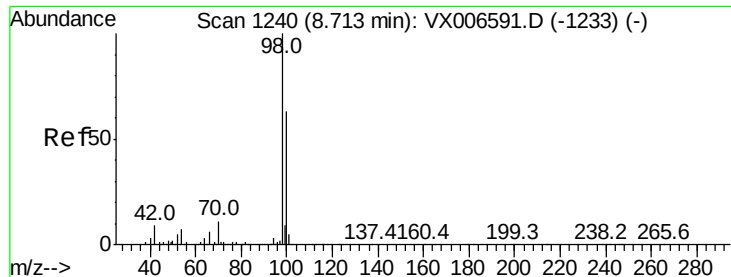
#44
 Trichloroethene
 Concen: 35.909 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006701.D
 Acq: 21 Dec 2018 03:21

Tgt Ion:130 Resp: 267150
 Ion Ratio Lower Upper
 130 100
 95 89.3 0.0 187.0



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





#50

Toluene-d8

Concen: 49.788 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

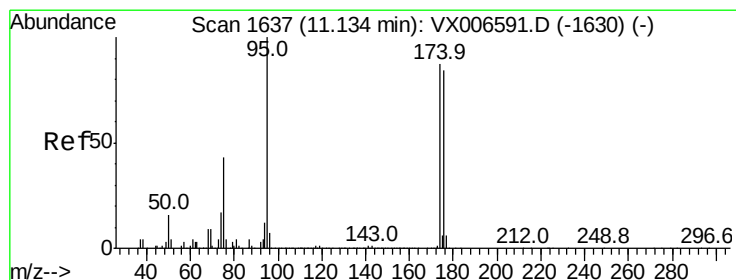
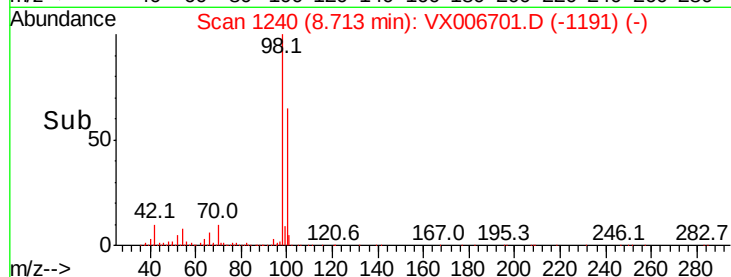
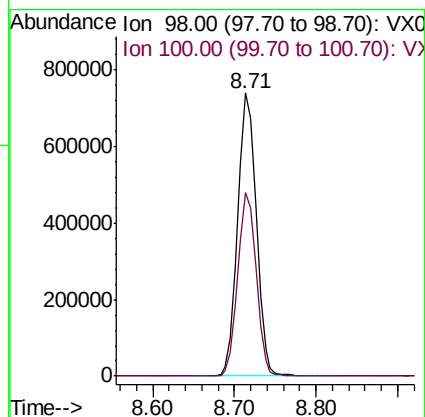
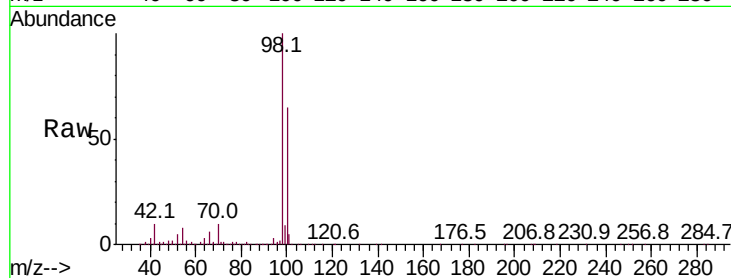
S49-0498

Tot Ion: 98 Resp: 1158932

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.231 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006701.D

Acq: 21 Dec 2018 03:21

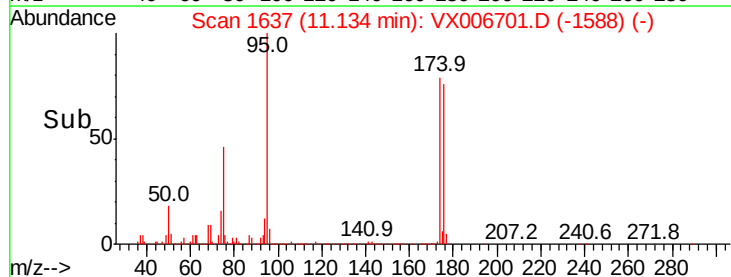
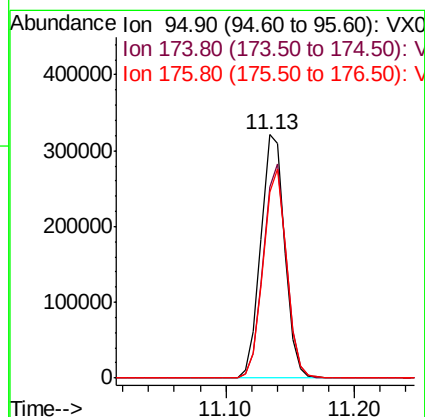
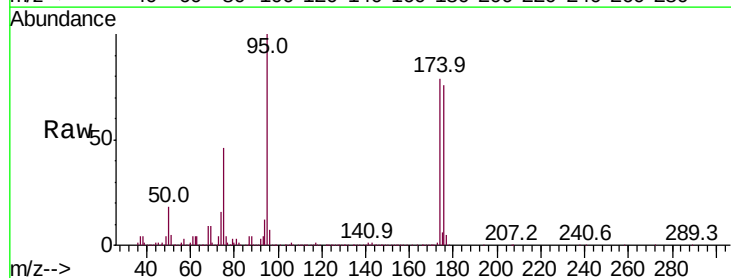
Tgt Ion: 95 Resp: 411174

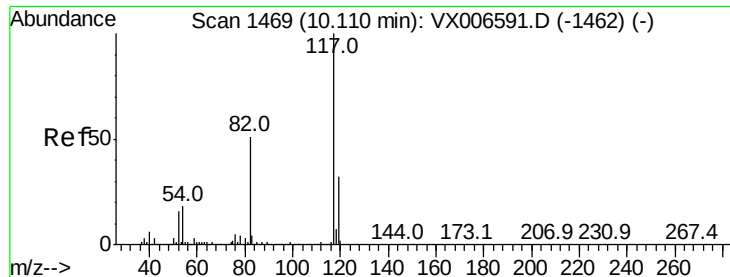
Ion Ratio Lower Upper

95 100

174 85.4 0.0 182.2

176 83.7 0.0 178.8

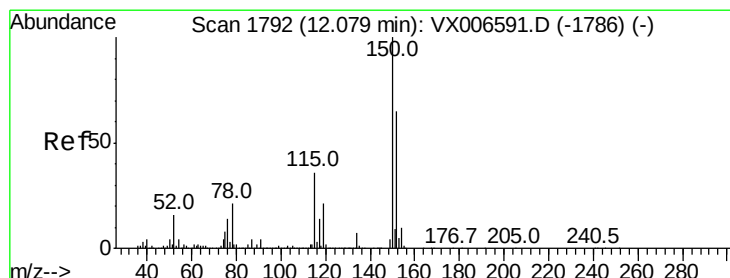
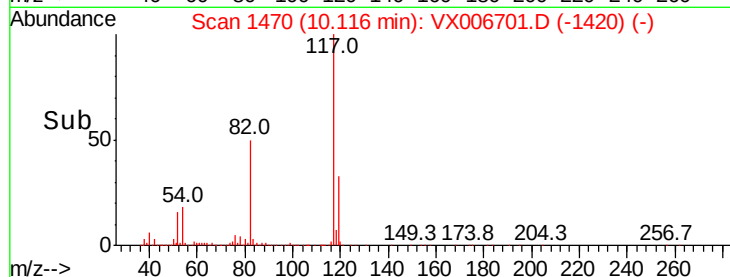
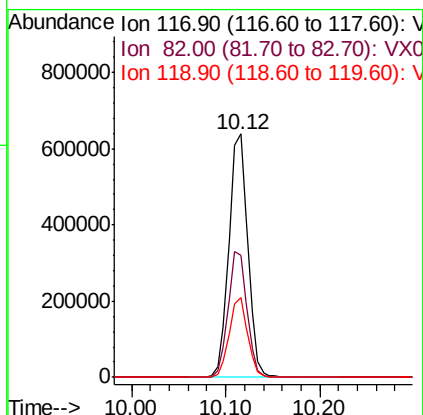
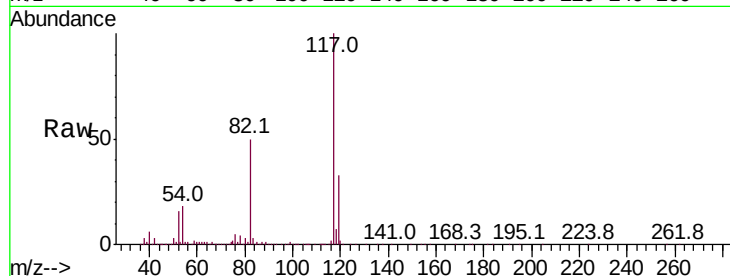




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006701.D
Acq: 21 Dec 2018 03:21

Instrument :
MSVOA_X
ClientSampled :
S49-0498

Tot Ion:117 Resp: 889041
Ion Ratio Lower Upper
117 100
82 50.3 41.0 61.6
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006701.D
Acq: 21 Dec 2018 03:21

Tgt Ion:152 Resp: 416088
Ion Ratio Lower Upper
152 100
115 56.6 39.1 117.2
150 157.0 0.0 344.8

