

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007791.D
 Acq On : 01 Mar 2019 15:53
 Operator : JC/SP
 Sample : K1701-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 01 22:20:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	331885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232778	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	188470	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
35) Dibromofluoromethane	5.51	113	163136	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	628380	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	228065	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	

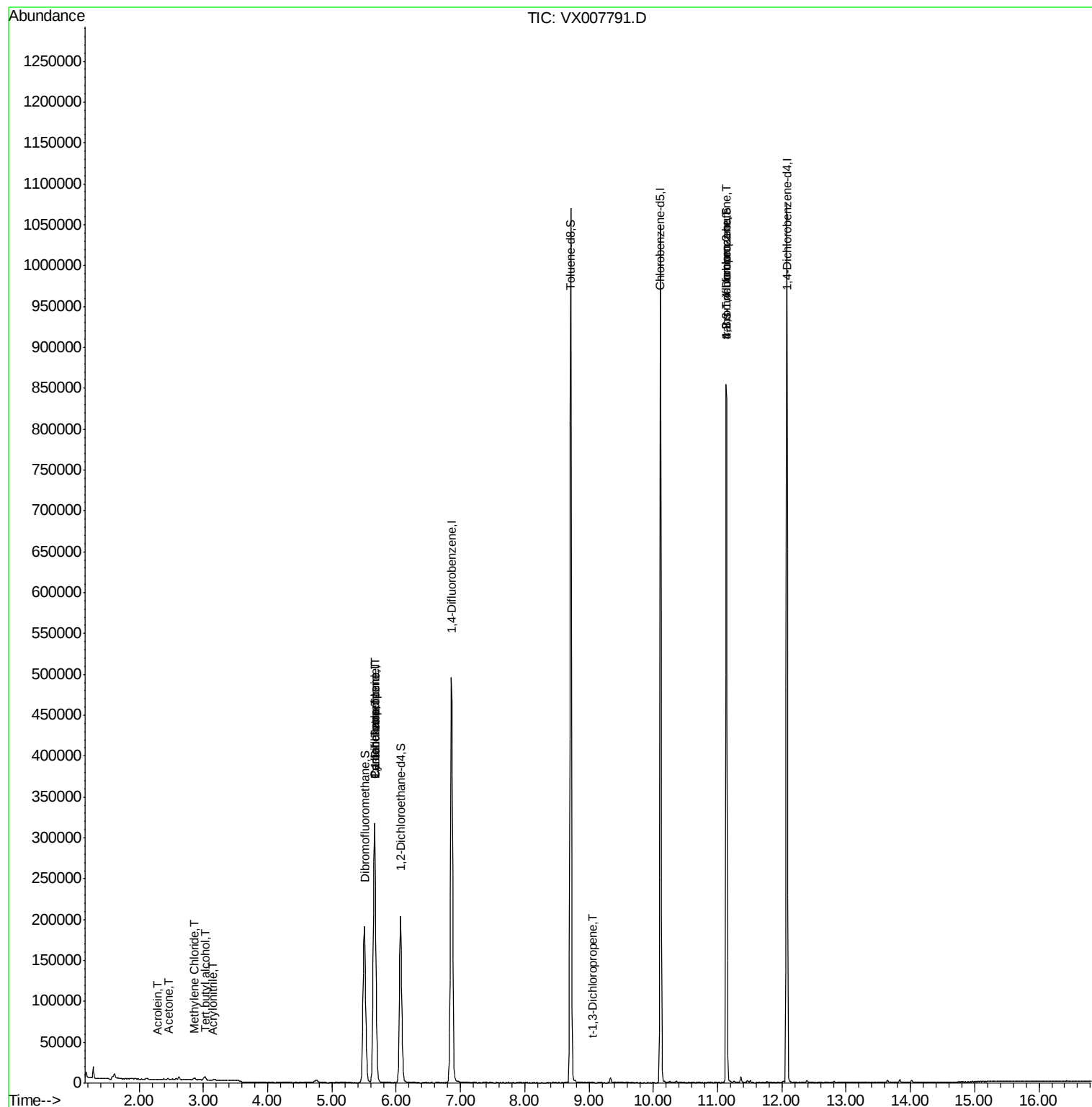
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	799	Below Cal		85
11) Tert butyl alcohol	3.02	59	2913	3.735	ug/l #	73
13) Acrolein	2.29	56	177	0.255	ug/l #	1
15) Acrylonitrile	3.15	53	765	0.417	ug/l #	84
16) Acetone	2.45	43	2693	1.473	ug/l	94
20) Methylene Chloride	2.86	84	1024	0.303	ug/l	91
31) Cyclohexane	5.66	56	5750	1.007	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	20972	4.575	ug/l #	47
38) Carbon Tetrachloride	5.67	117	28503	6.191	ug/l #	17
53) t-1,3-Dichloropropene	9.05	75	233	2.843	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	107301	21.626	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	107301	57.472	ug/l #	9

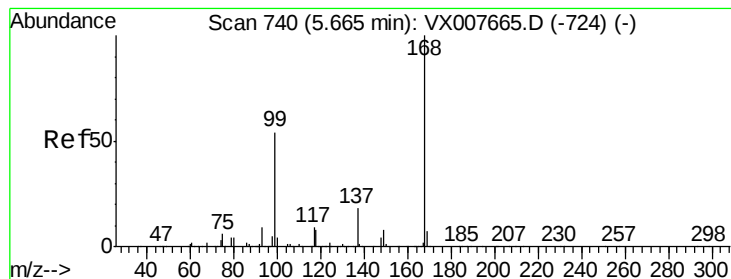
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampled :

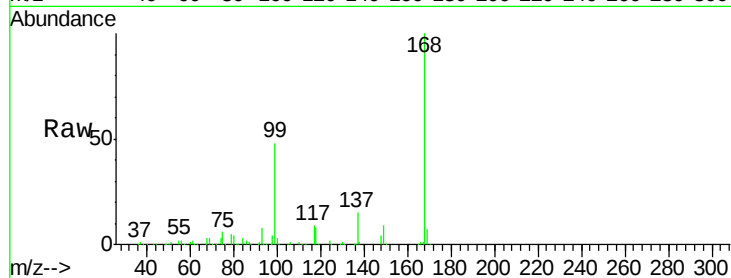
TB

Tot Ion:168 Resp: 331885

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

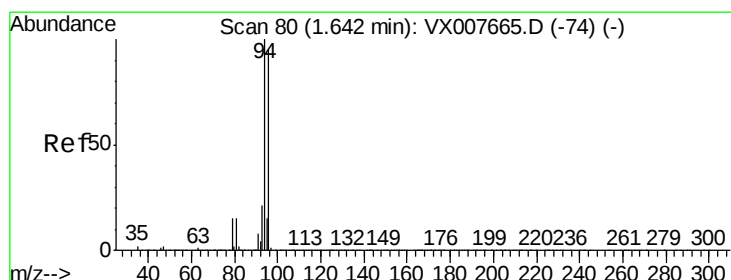
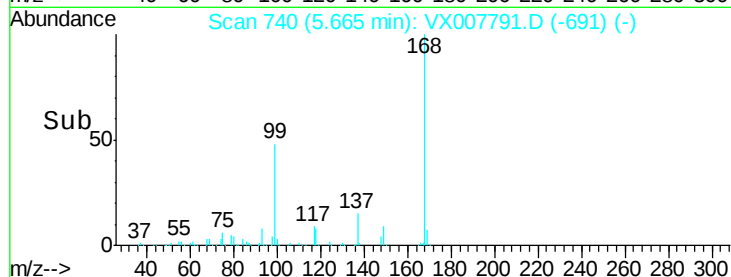
5.67

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007791.D

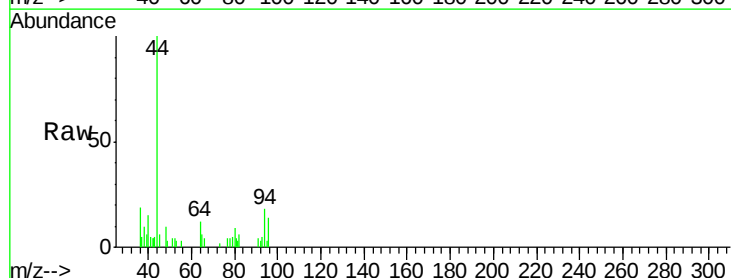
Acq: 01 Mar 2019 15:53

Tgt Ion: 94 Resp: 799

Ion Ratio Lower Upper

94 100

96 77.7 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

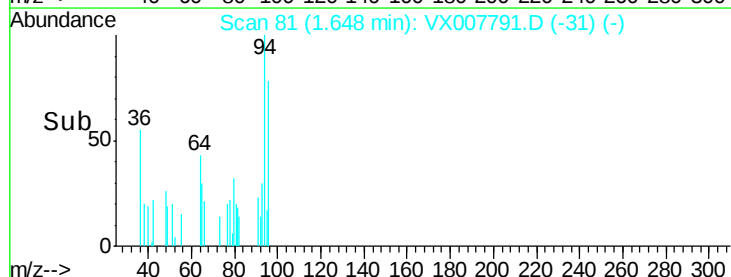
300

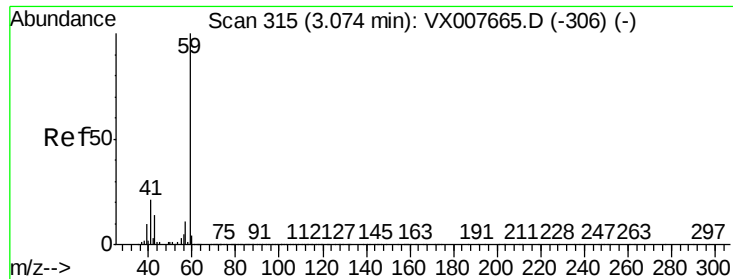
200

100

0

Time-->

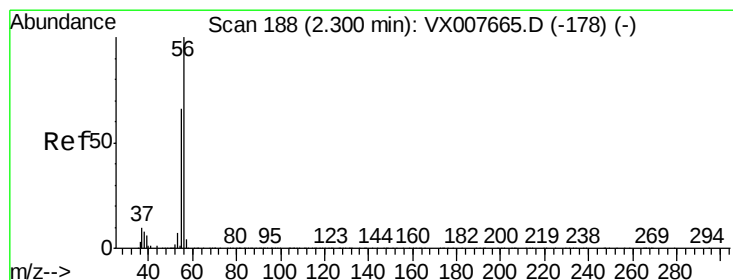
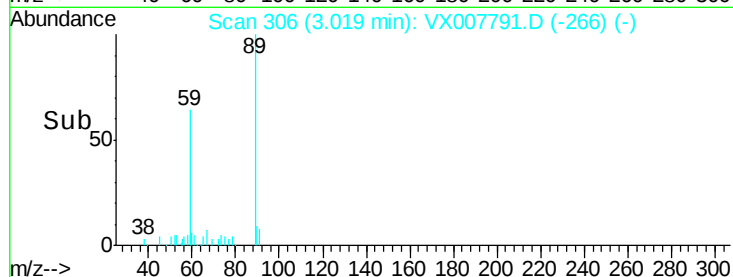
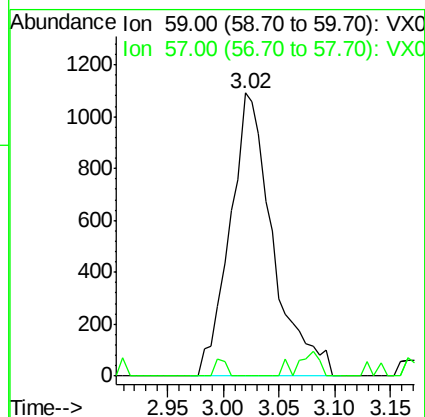
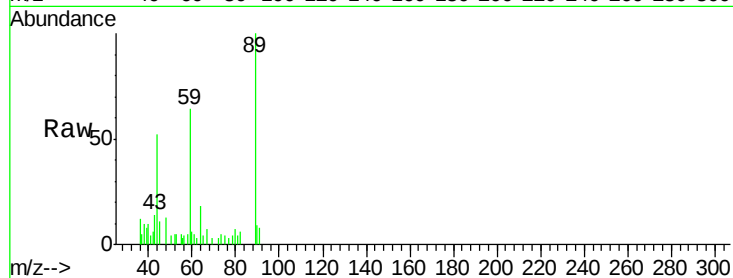




#11
Tert butvl alcohol
Concen: 3.735 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

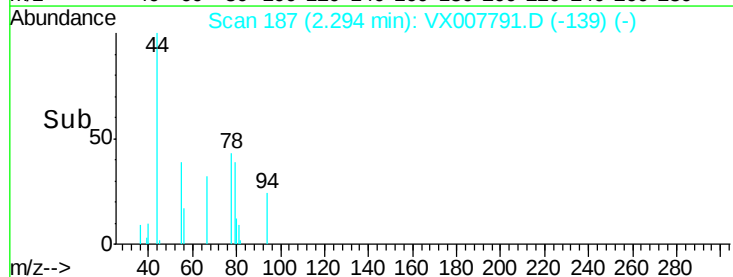
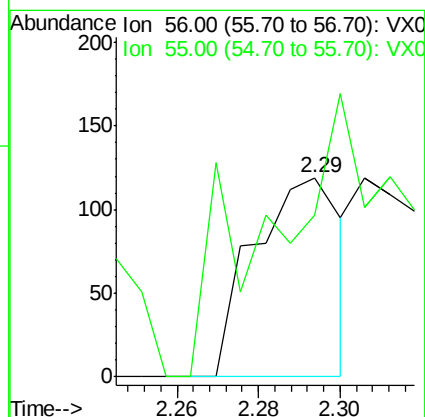
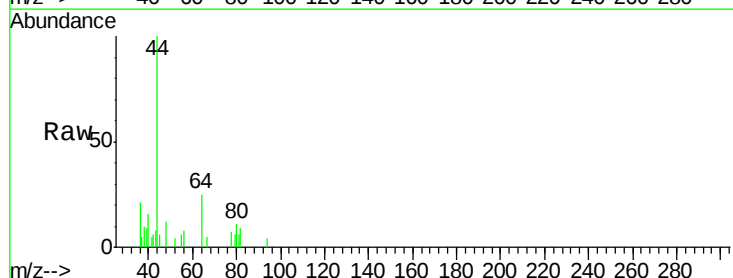
Instrument :
MSVOA_X
ClientSampled :
TB

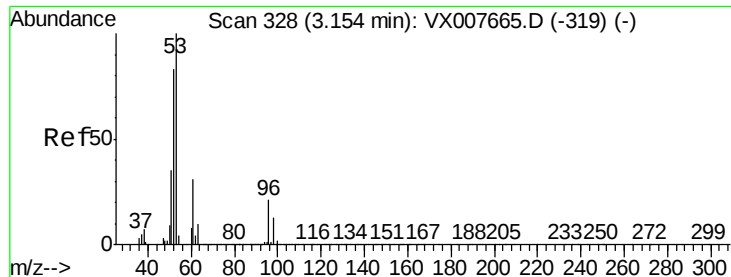
Tot Ion: 59 Resp: 2913
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.255 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 210.2 56.9 85.3#





#15

Acrylonitrile

Concen: 0.417 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampled :

TB

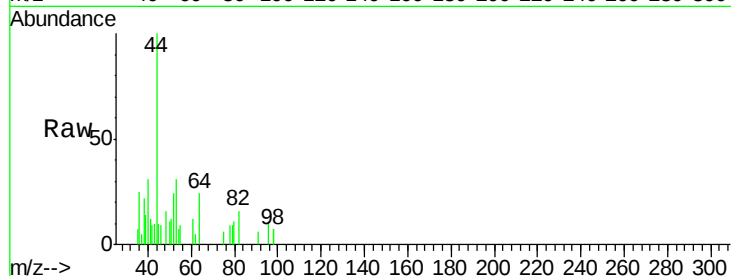
Tot Ion: 53 Resp: 765

Ion Ratio Lower Upper

53 100

52 76.1 66.4 99.6

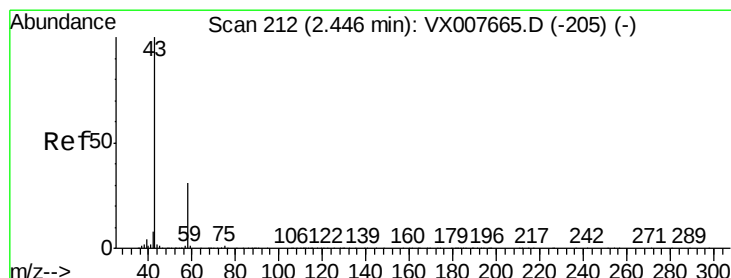
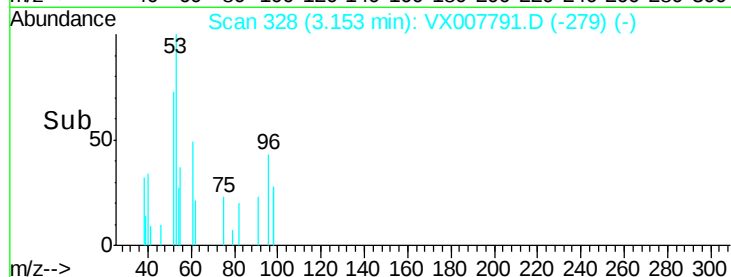
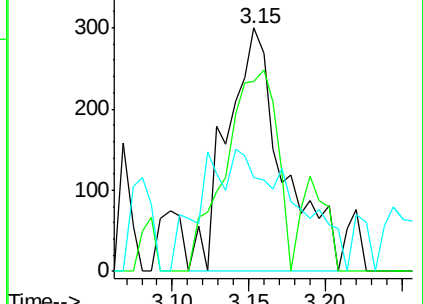
51 55.7 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.473 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007791.D

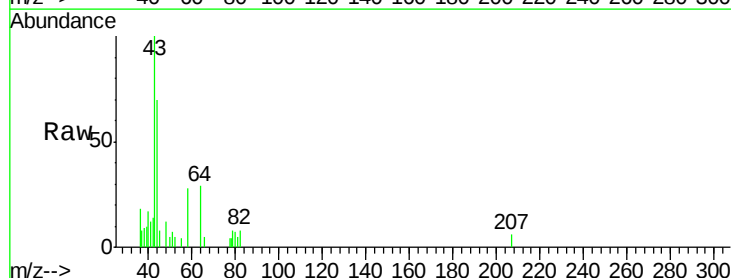
Acq: 01 Mar 2019 15:53

Tgt Ion: 43 Resp: 2693

Ion Ratio Lower Upper

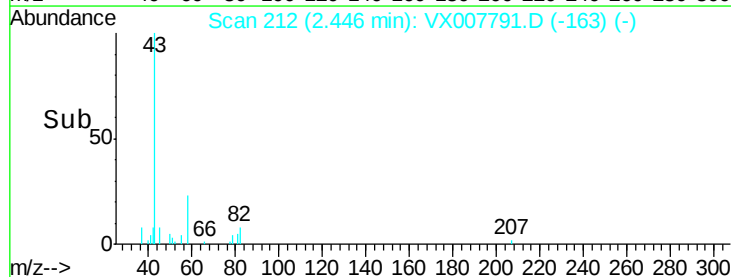
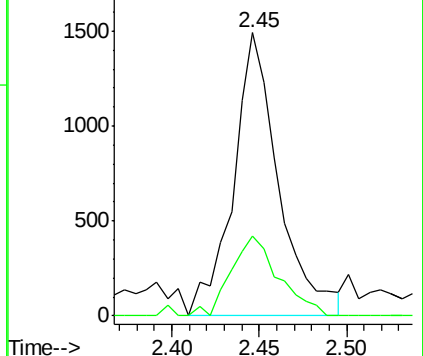
43 100

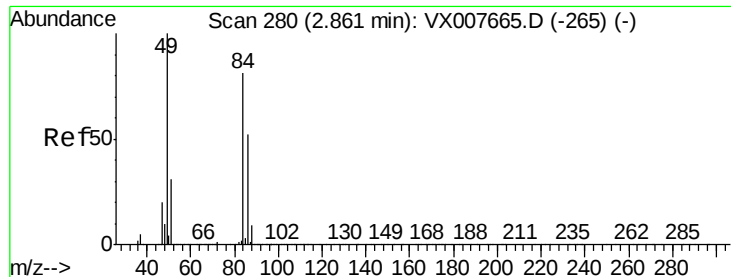
58 28.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

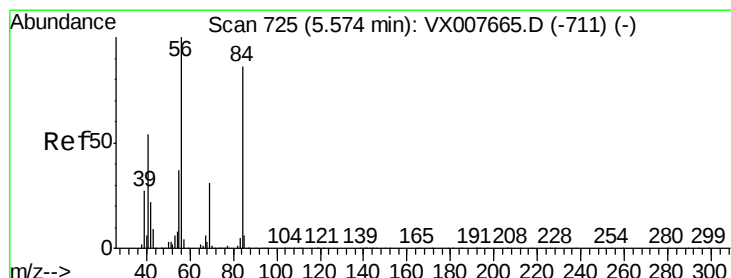
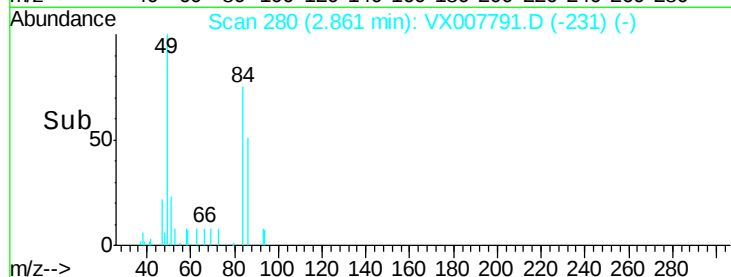
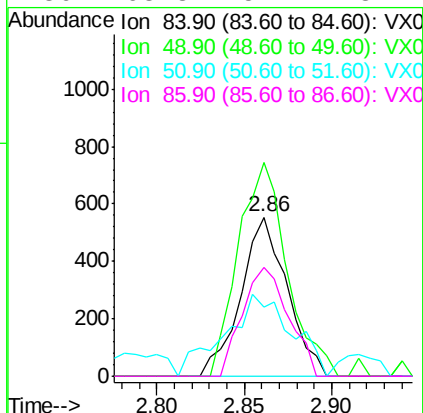
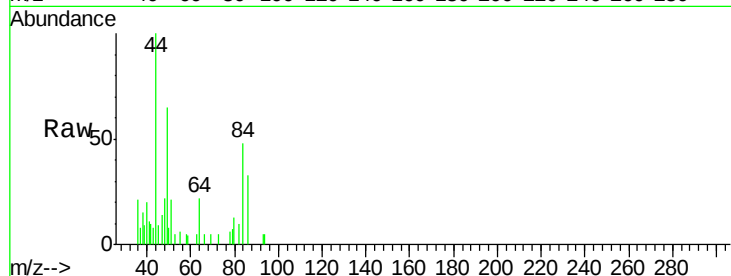




#20
Methvlene Chloride
Concen: 0.303 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

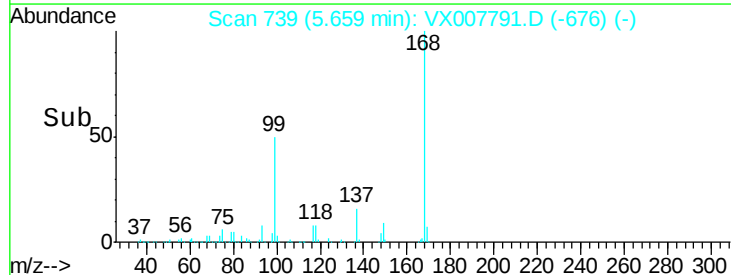
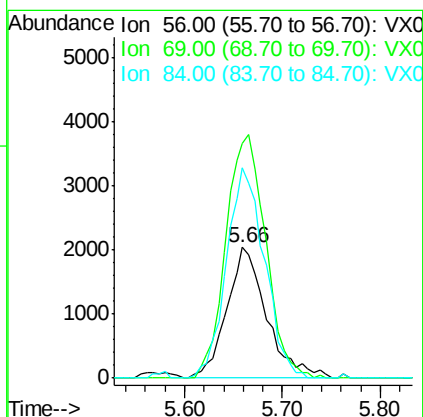
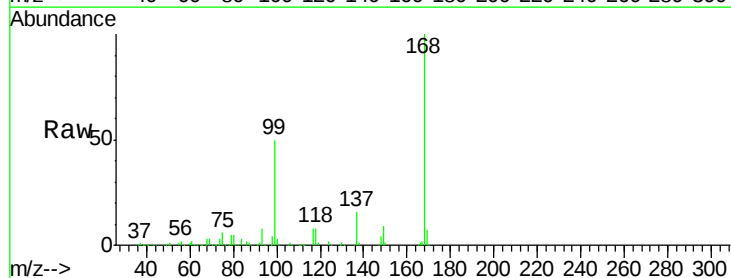
Instrument :
MSVOA_X
ClientSampleId :
TB

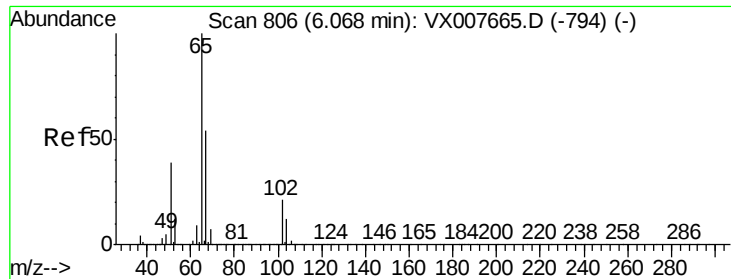
Tot Ion:	84	Resp:	1024
Ion	Ratio	Lower	Upper
84	100		
49	134.1	94.8	142.2
51	34.1	29.8	44.8
86	68.3	54.1	81.1



#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

Tgt Ion:	56	Resp:	5750
Ion	Ratio	Lower	Upper
56	100		
69	179.7	23.0	34.6#
84	161.0	69.8	104.6#

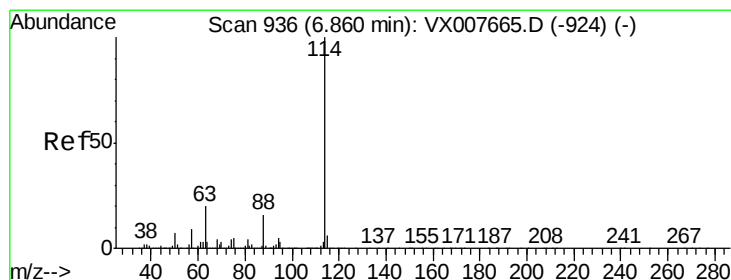
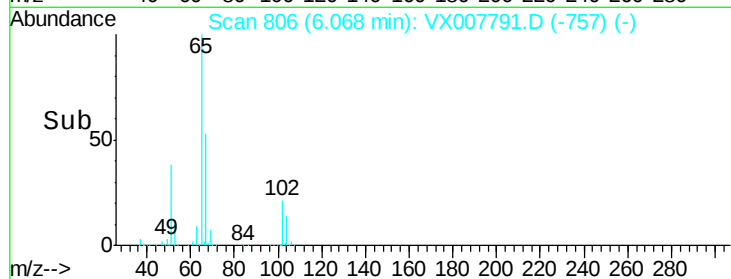
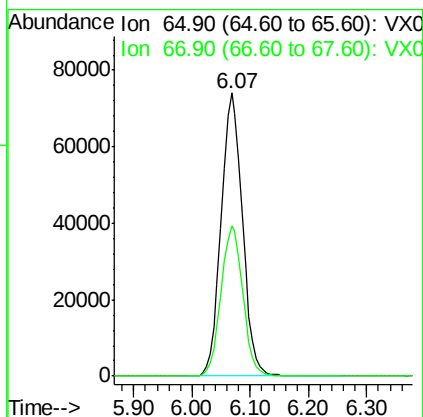
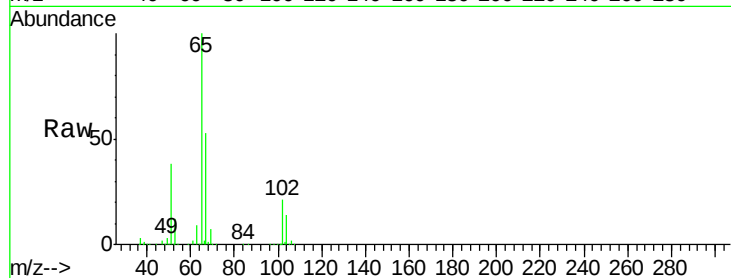




#33
 1,2-Dichloroethane-d4
 Concen: 45.845 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007791.D
 Acq: 01 Mar 2019 15:53

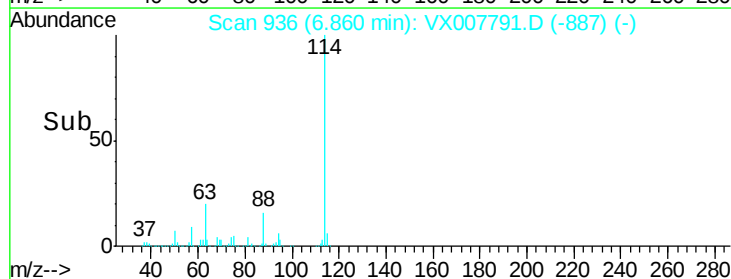
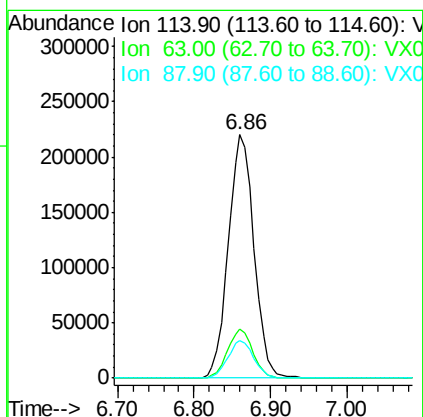
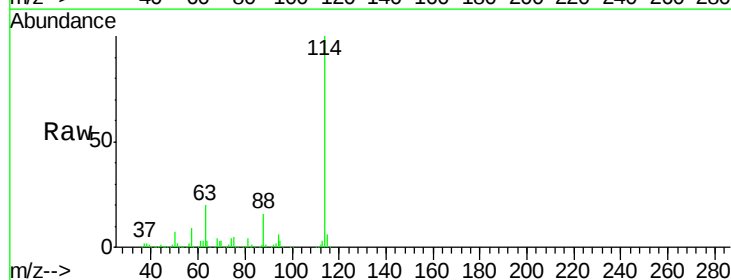
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

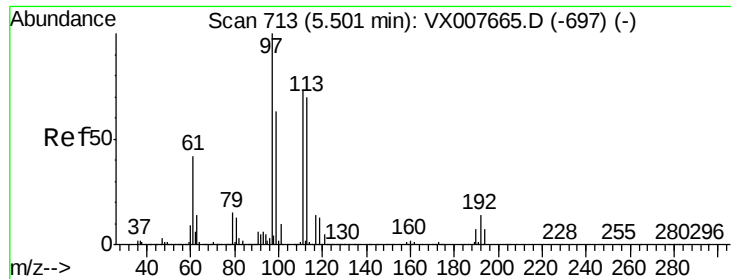
Tot Ion: 65 Resp: 188470
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007791.D
 Acq: 01 Mar 2019 15:53

Tgt Ion: 114 Resp: 509832
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 35.6
 88 15.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.868 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampleId :

TB

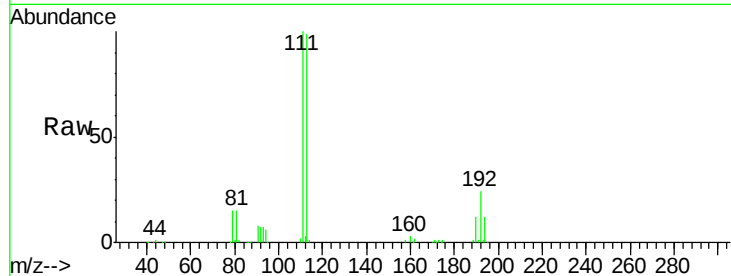
Tot Ion:113 Resp: 163136

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

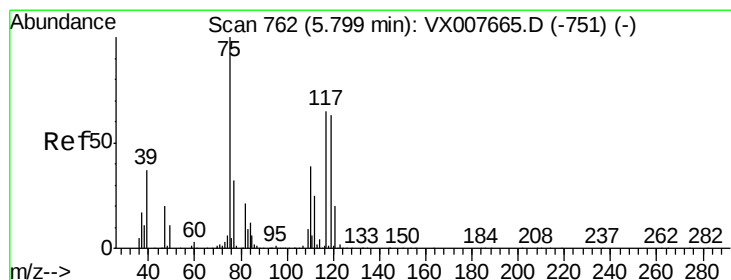
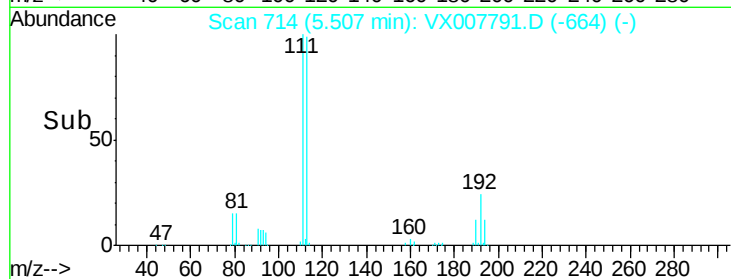
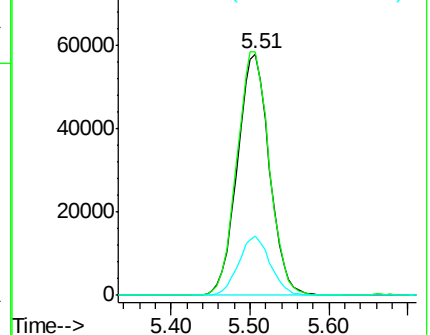
192 24.2 18.5 27.7



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



#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

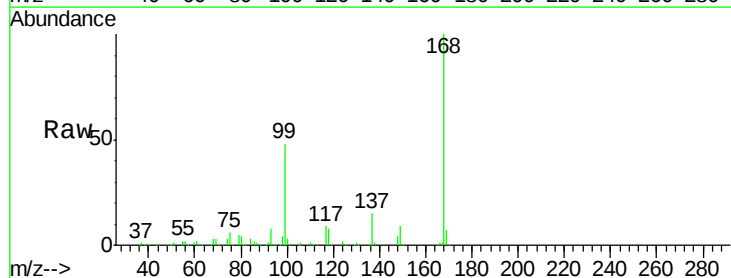
Tgt Ion: 75 Resp: 20972

Ion Ratio Lower Upper

75 100

110 9.2 20.0 59.9#

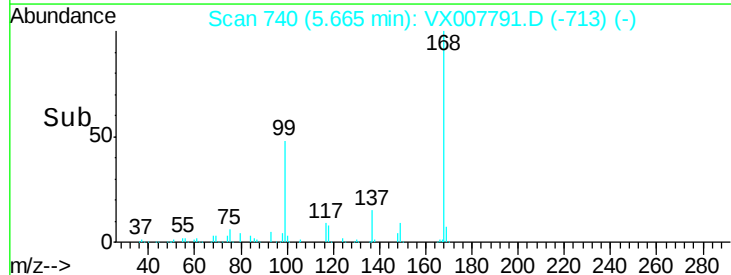
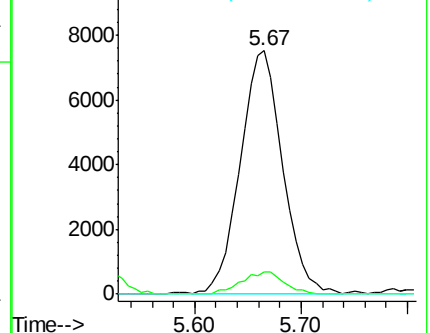
77 0.0 24.7 37.1#

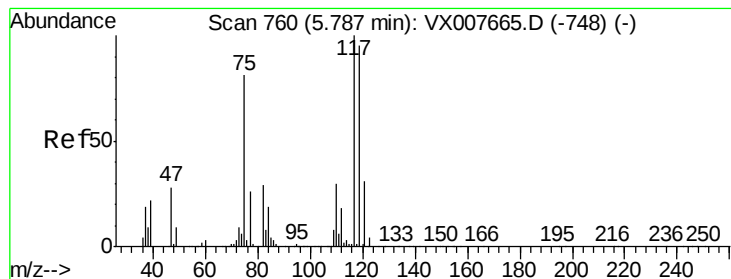


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.191 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampled :

TB

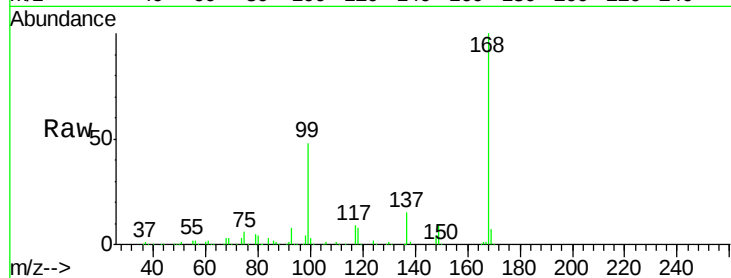
Tot Ion:117 Resp: 28503

Ion Ratio Lower Upper

117 100

119 5.4 75.3 112.9#

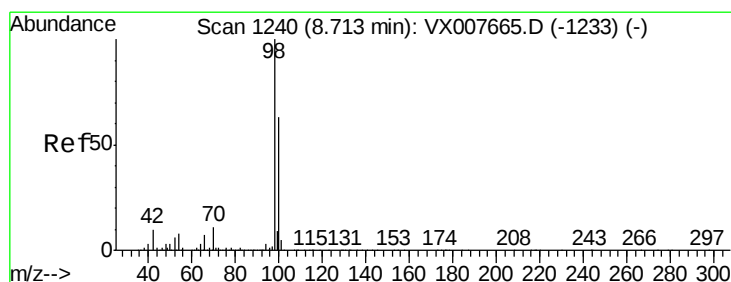
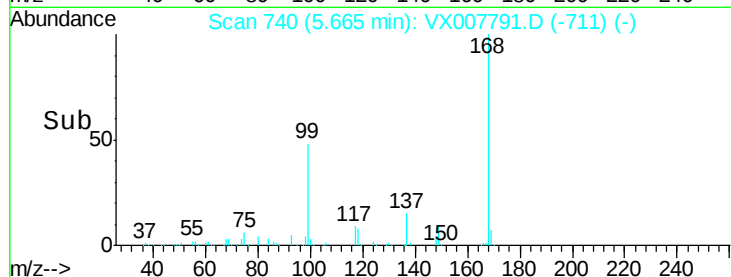
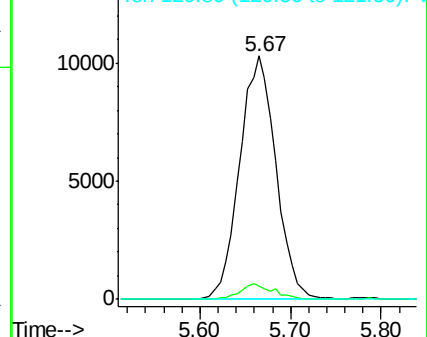
121 0.0 25.0 37.4#



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



#50

Toluene-d8

Concen: 48.161 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007791.D

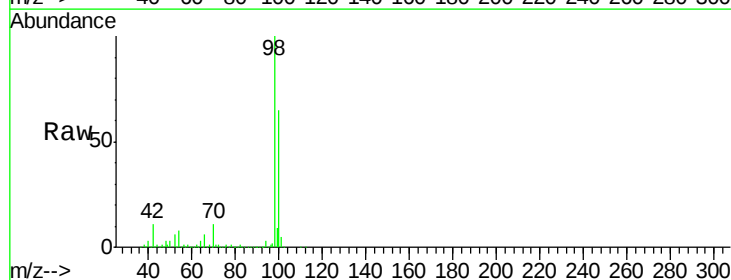
Acq: 01 Mar 2019 15:53

Tgt Ion: 98 Resp: 628380

Ion Ratio Lower Upper

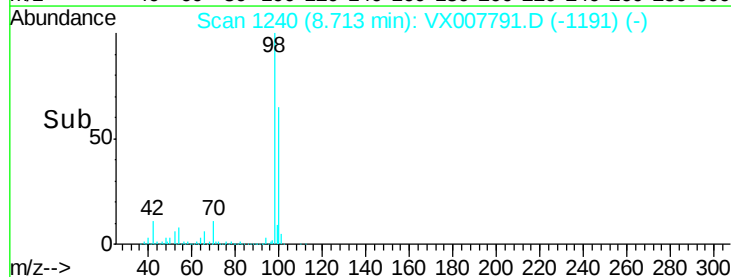
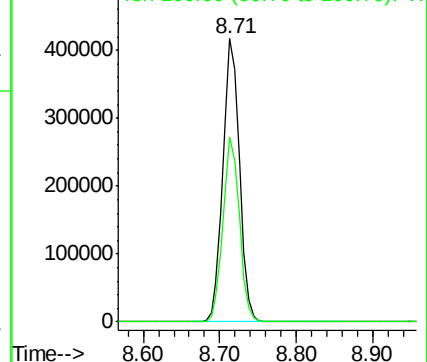
98 100

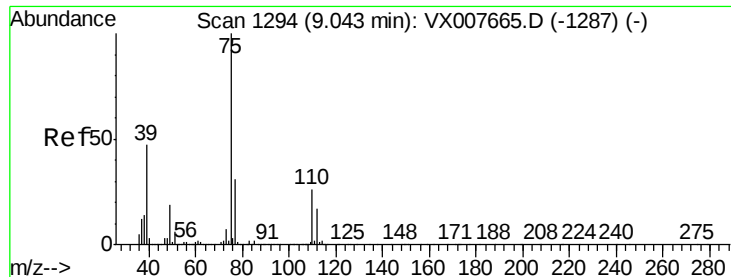
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

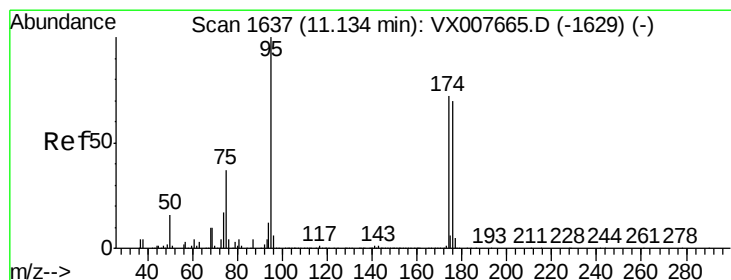
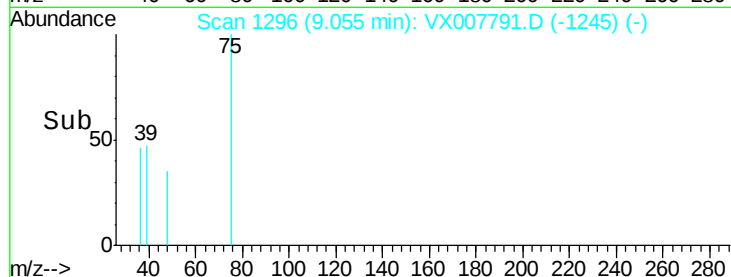
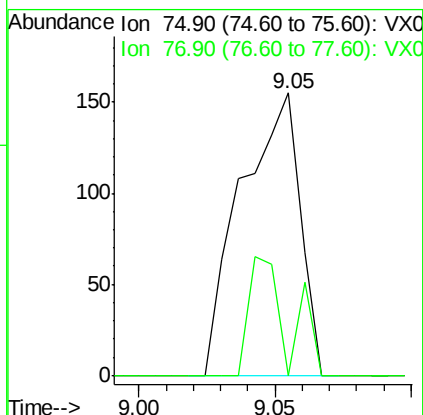
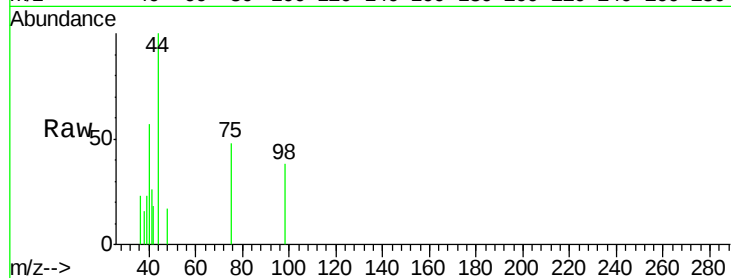




#53
t-1,3-Dichloropropene
Concen: 2.843 ug/l
RT: 9.05 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

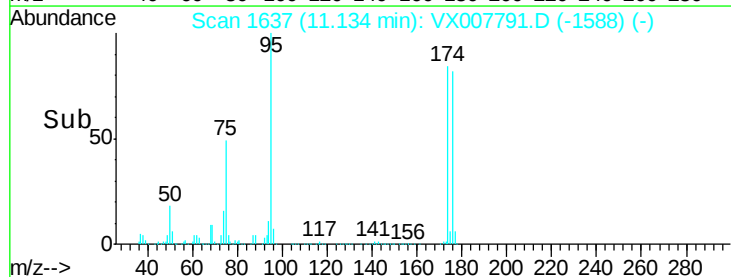
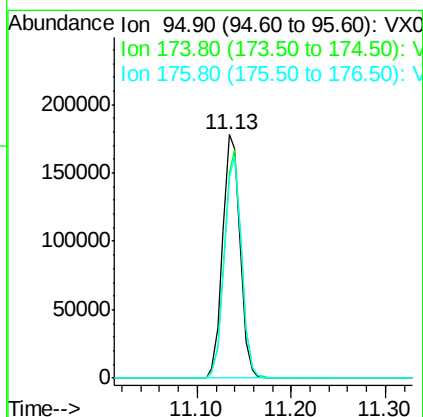
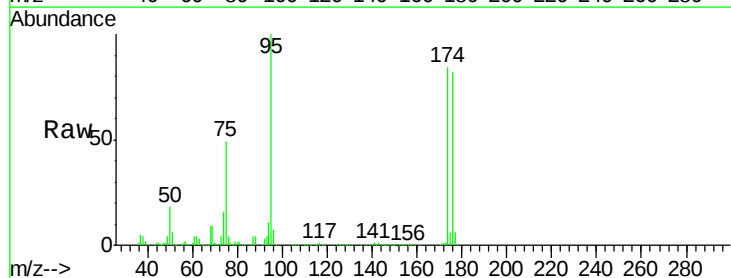
Instrument :
MSVOA_X
ClientSampleId :
TB

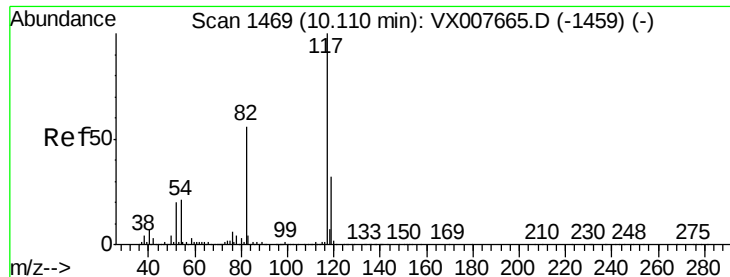
Tot Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#



#62
4-Bromofluorobenzene
Concen: 47.624 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

Tgt Ion: 95 Resp: 228065
Ion Ratio Lower Upper
95 100
174 91.8 0.0 189.2
176 89.7 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampleId :

TB

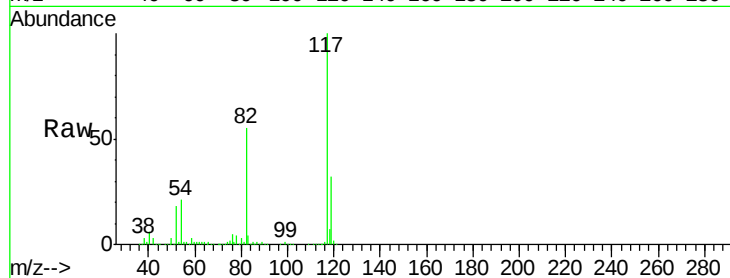
Tot Ion:117 Resp: 488391

Ion Ratio Lower Upper

117 100

82 55.0 42.1 63.1

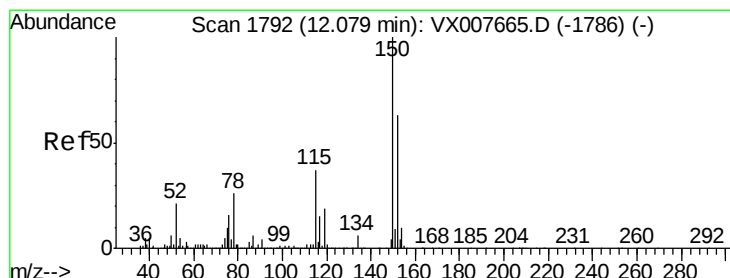
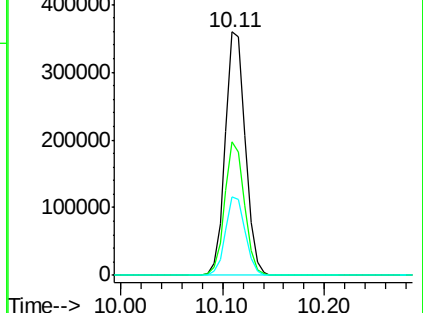
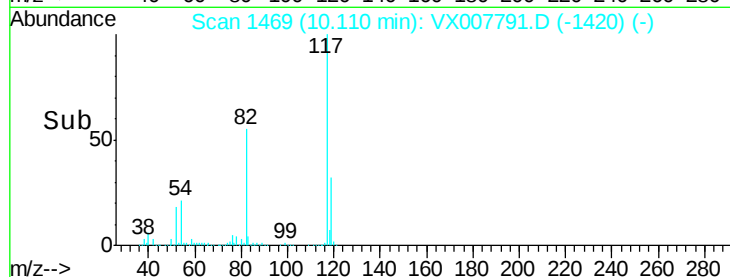
119 32.3 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007791.D

Acq: 01 Mar 2019 15:53

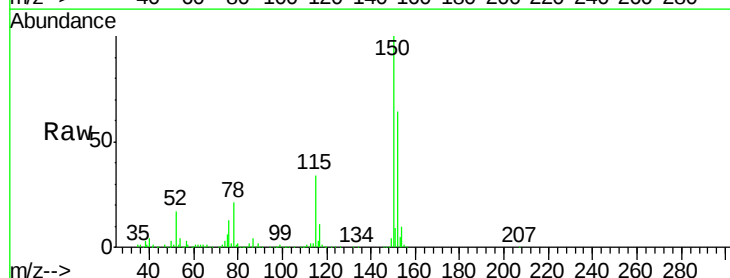
Tgt Ion:152 Resp: 232778

Ion Ratio Lower Upper

152 100

115 55.2 38.0 114.0

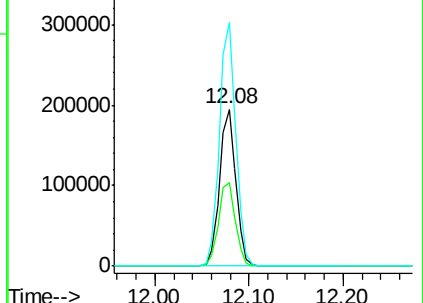
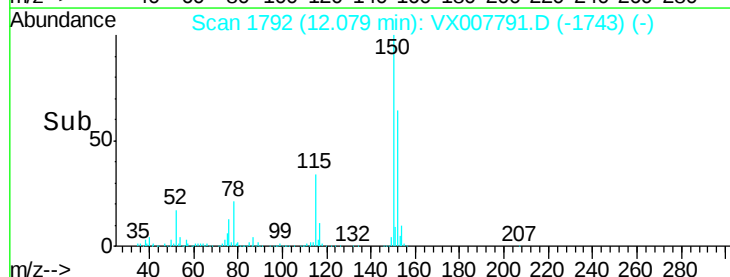
150 156.6 0.0 346.4

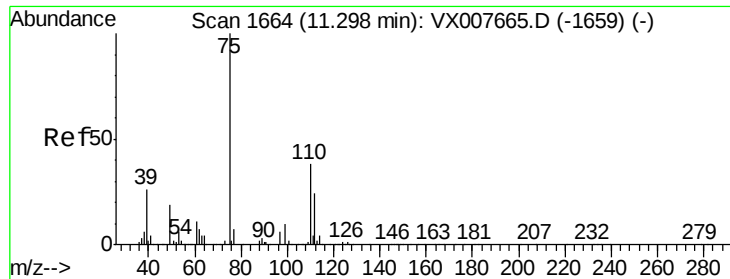


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.626 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampleId :

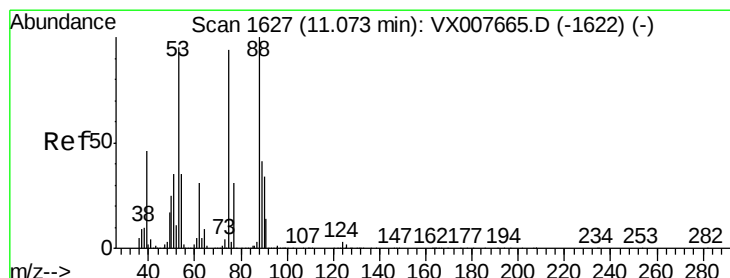
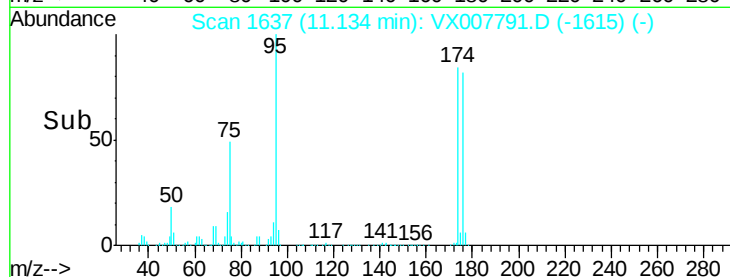
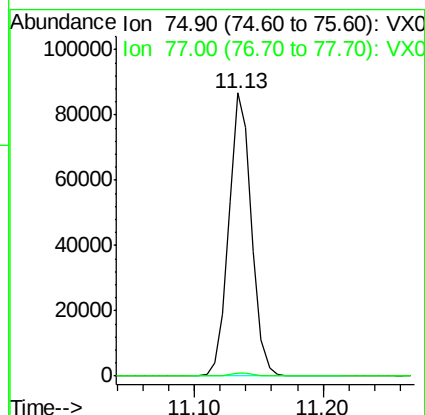
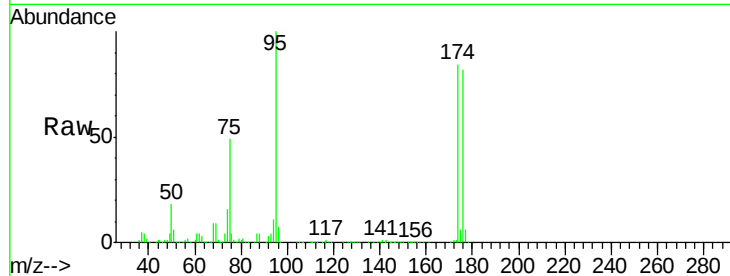
TB

Tot Ion: 75 Resp: 107301

Ion Ratio Lower Upper

75 100

77 1.3 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.472 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Tgt Ion: 75 Resp: 107301

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

