

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030119\
 Data File : VX007782.D
 Acq On : 01 Mar 2019 11:46
 Operator : JC/SP
 Sample : VX0301WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBL01

Quant Time: Mar 01 13:39:19 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	332291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	513946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234519	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	192153	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.50	113	164928	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	629846	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.13	95	227399	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	

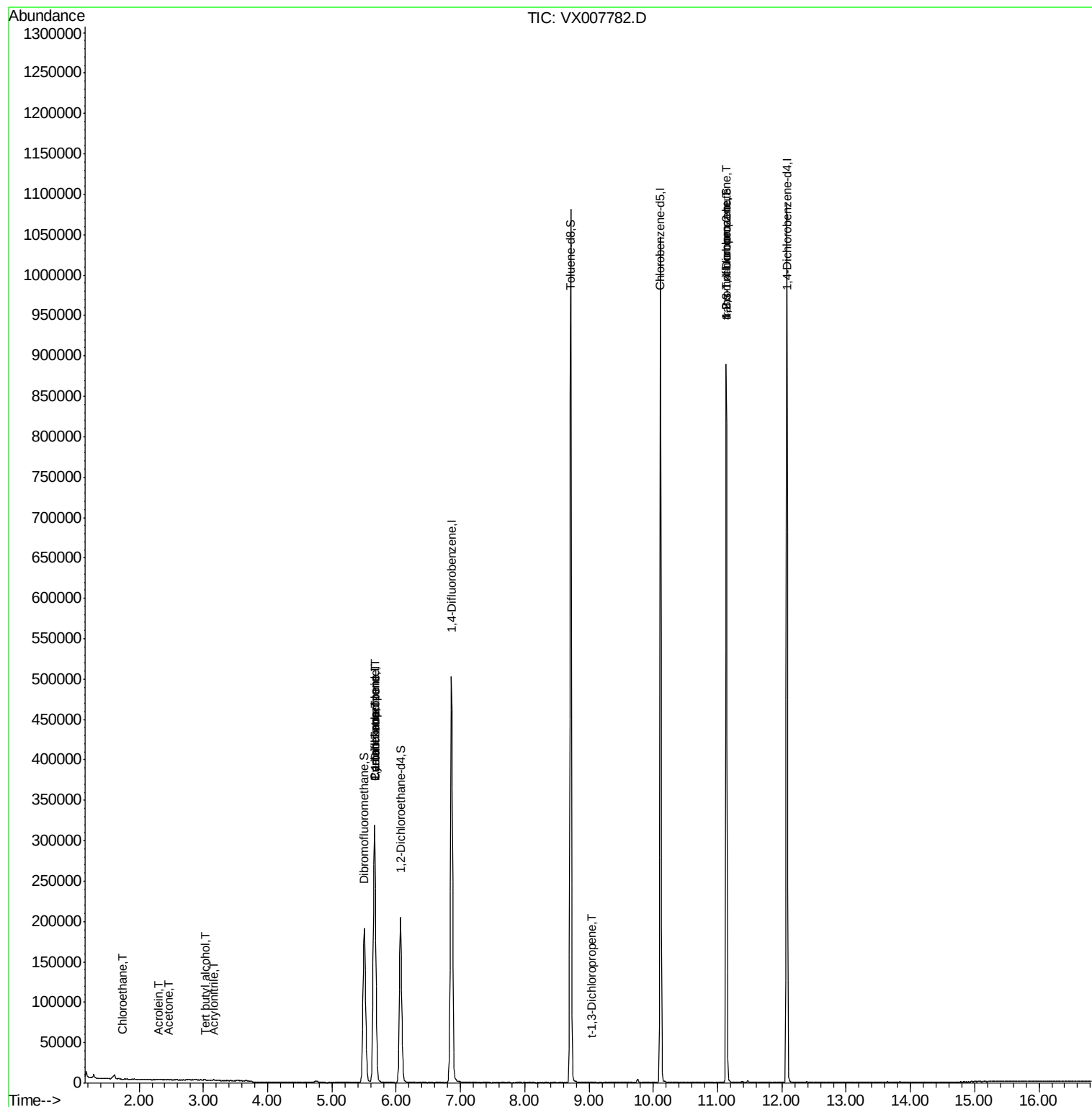
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	269	Below Cal	#	65
6) Chloroethane	1.75	64	1911	0.859	ug/l #	56
11) Tert butyl alcohol	3.03	59	943	1.207	ug/l #	73
13) Acrolein	2.29	56	247	0.356	ug/l #	72
15) Acrylonitrile	3.15	53	422	0.230	ug/l #	41
16) Acetone	2.45	43	420	0.229	ug/l #	66
31) Cyclohexane	5.67	56	5583	0.976	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	21166	4.581	ug/l #	48
38) Carbon Tetrachloride	5.66	117	28508	6.142	ug/l #	17
53) t-1,3-Dichloropropene	9.05	75	87	2.817	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	107981	21.601	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	107981	57.410	ug/l #	9

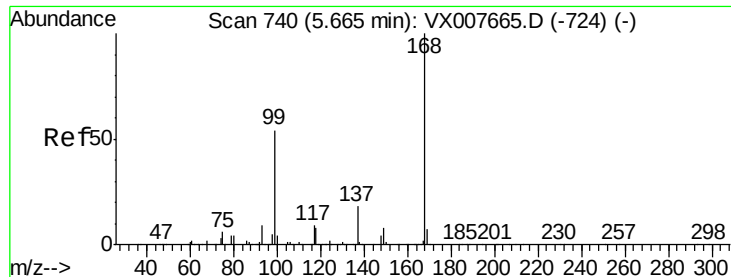
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030119\
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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: VX007782.D

Acq: 01 Mar 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

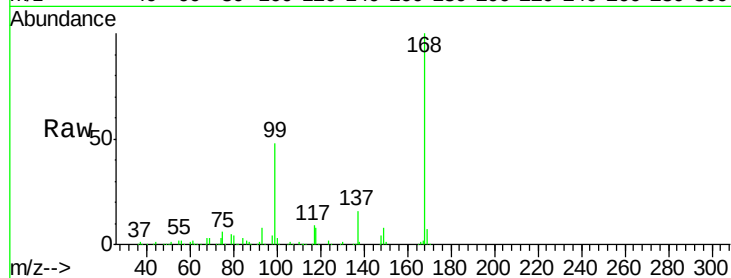
VX0301WBL01

Tgt Ion:168 Resp: 332291

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

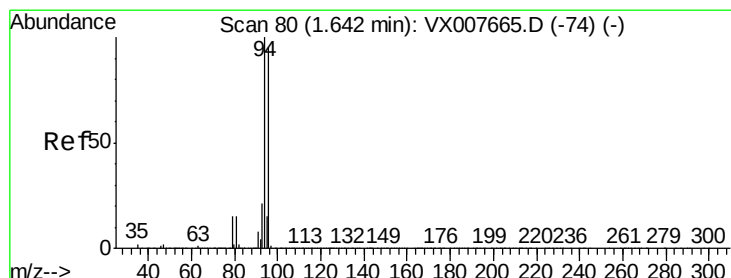
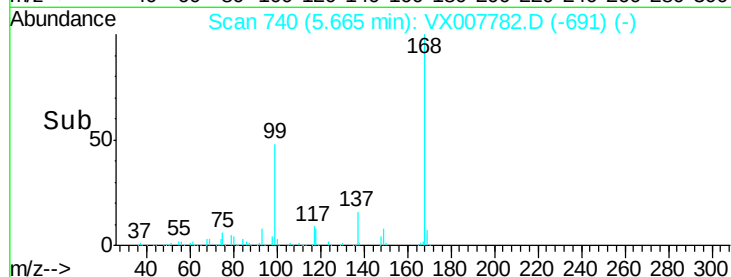
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007782.D

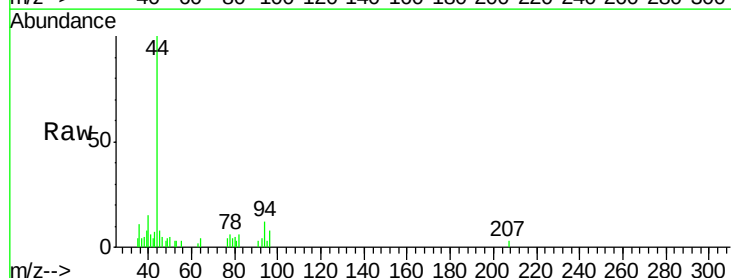
Acq: 01 Mar 2019 11:46

Tgt Ion: 94 Resp: 269

Ion Ratio Lower Upper

94 100

96 58.5 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

300

250

200

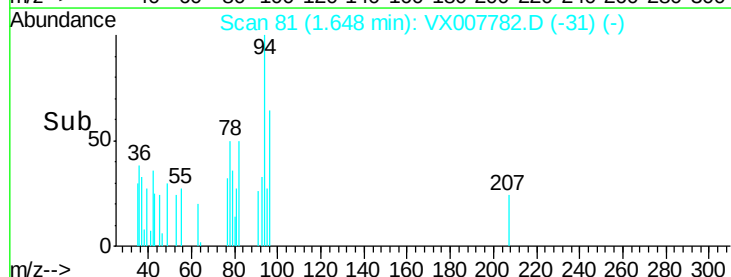
150

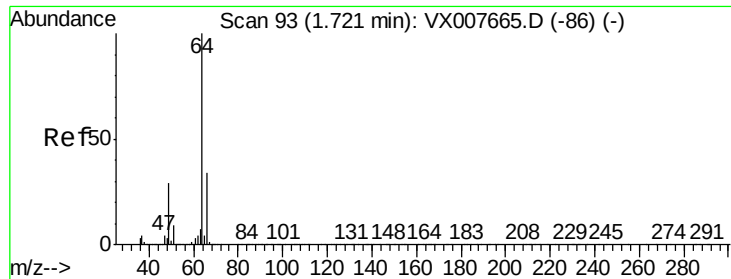
100

50

0

Time--> 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.859 ug/l

RT: 1.75 min Scan# 97

Delta R.T. 0.02 min

Lab File: VX007782.D

Acq: 01 Mar 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

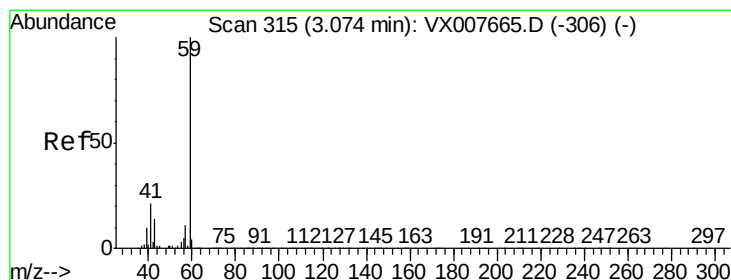
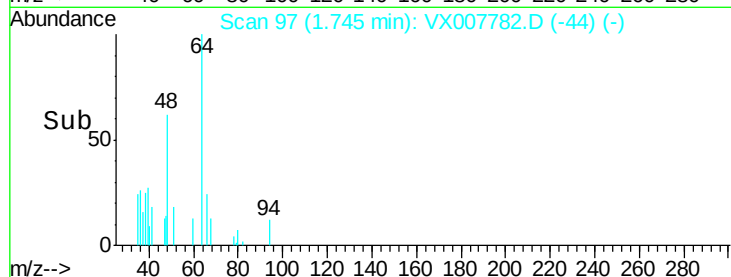
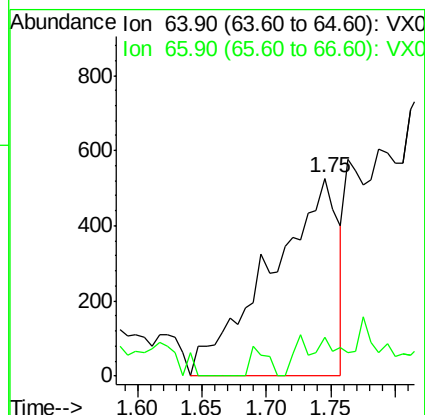
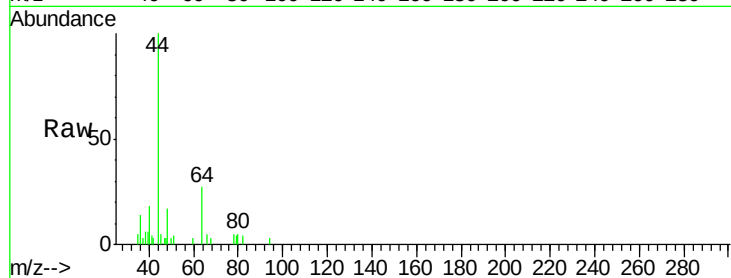
VX0301WBL01

Tgt Ion: 64 Resp: 1911

Ion Ratio Lower Upper

64 100

66 7.6 25.5 38.3#



#11

Tert butyl alcohol

Concen: 1.207 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007782.D

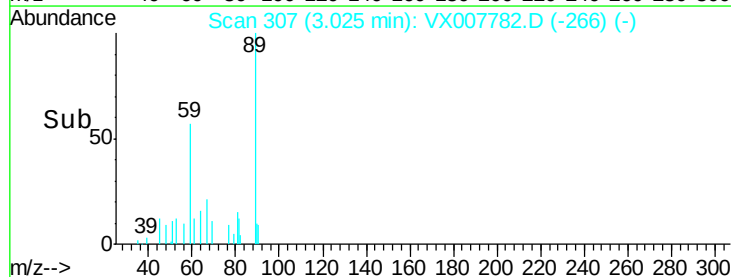
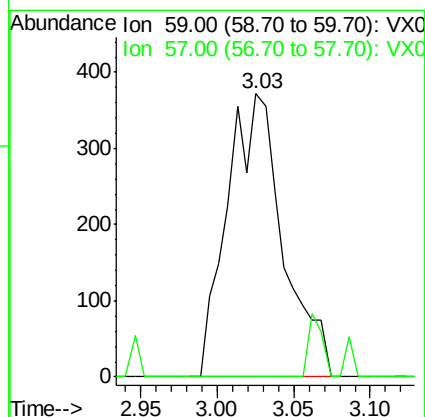
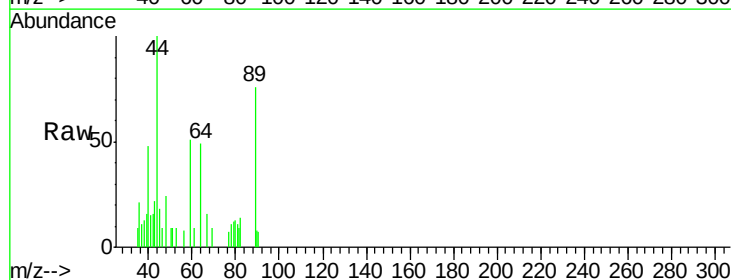
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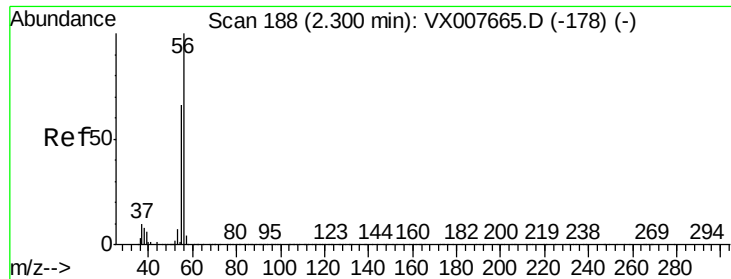
Tgt Ion: 59 Resp: 943

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#

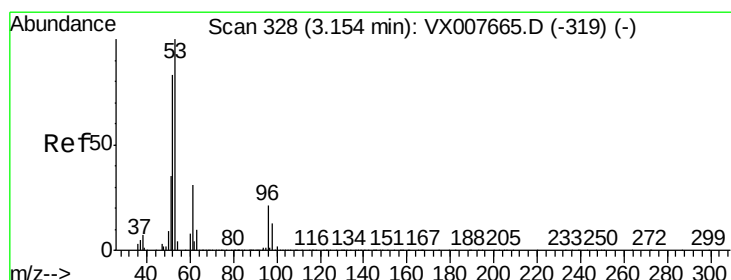
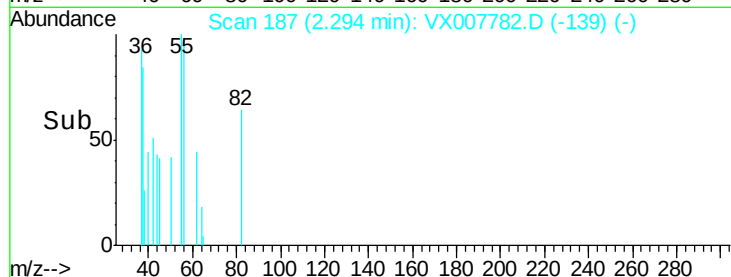
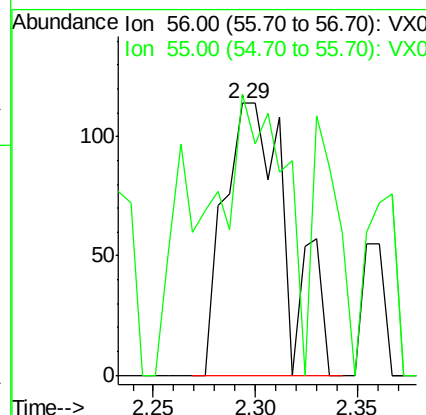
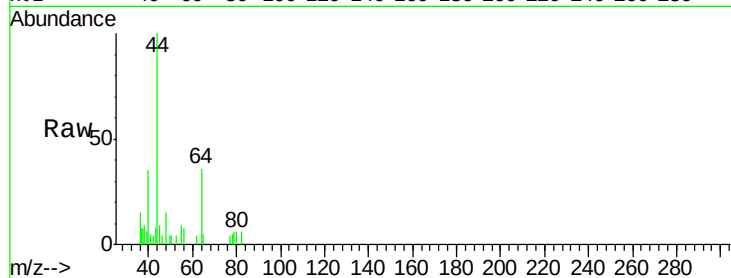




#13
Acrolein
Concen: 0.356 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

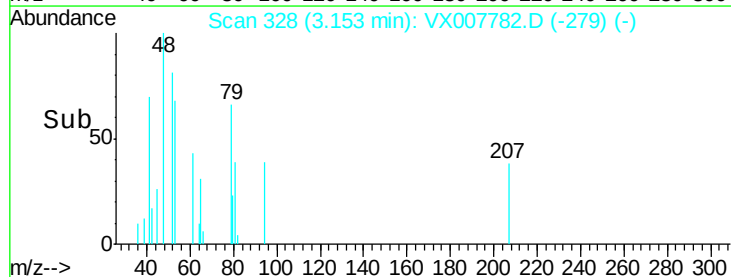
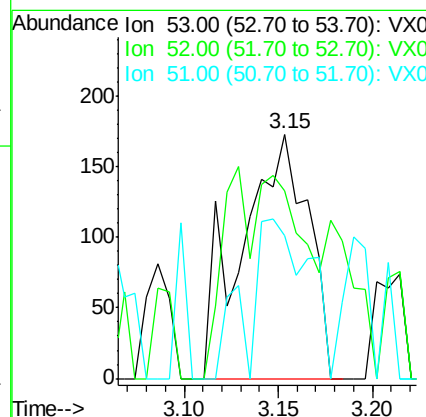
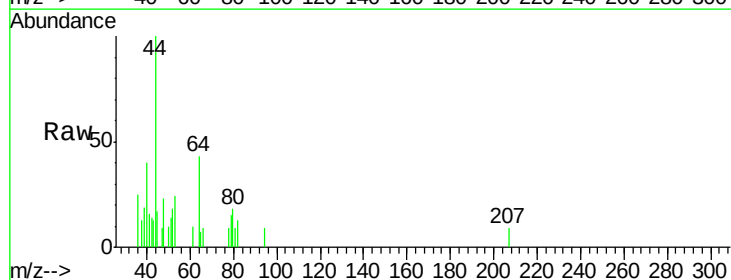
Instrument :
MSVOA_X
ClientSampled :
VX0301WBL01

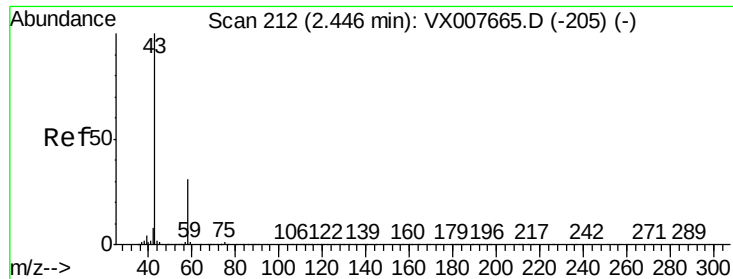
Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 94.3 56.9 85.3#



#15
Acrylonitrile
Concen: 0.230 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

Tgt Ion: 53 Resp: 422
Ion Ratio Lower Upper
53 100
52 23.0 66.4 99.6#
51 60.0 28.4 42.6#

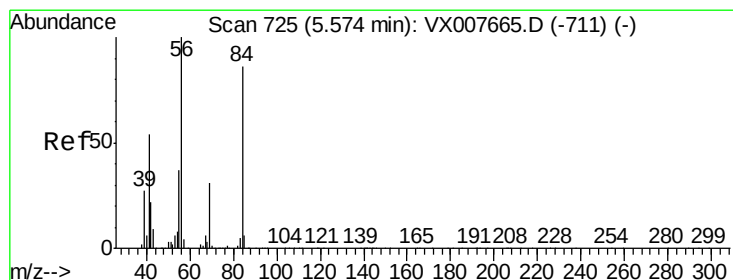
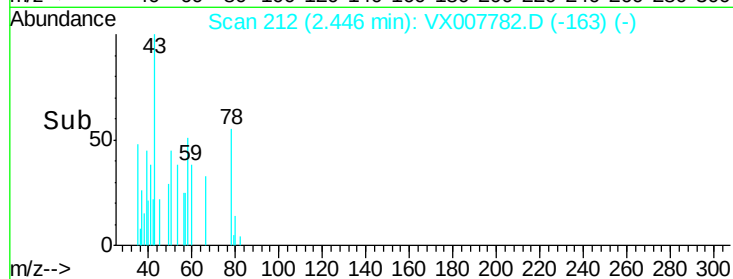
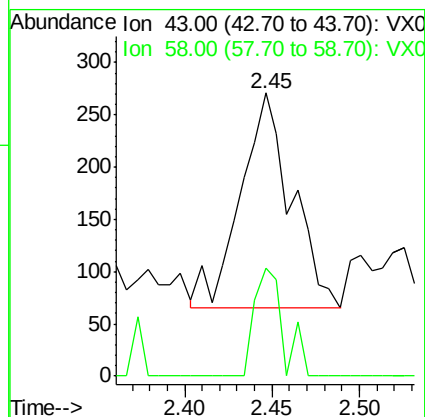
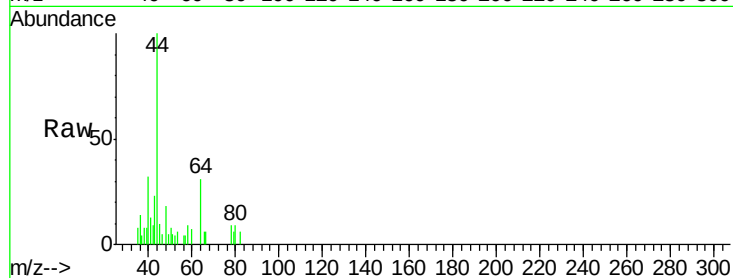




#16
Acetone
Concen: 0.229 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

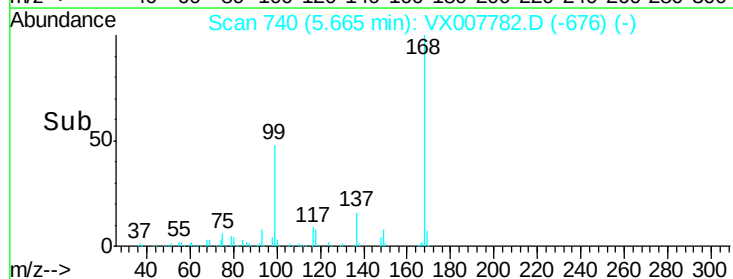
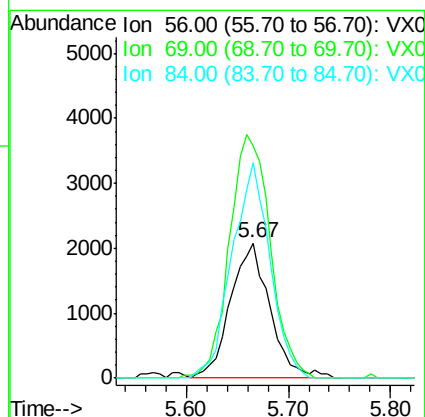
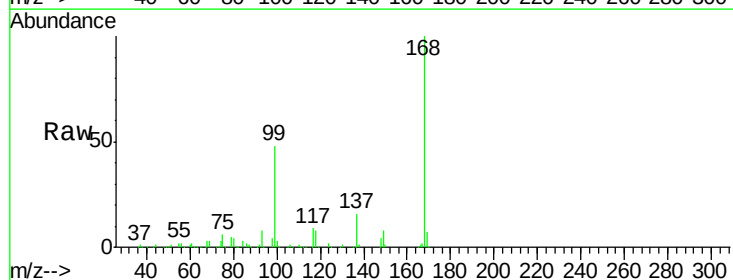
Instrument :
MSVOA_X
ClientSampled :
VX0301WBL01

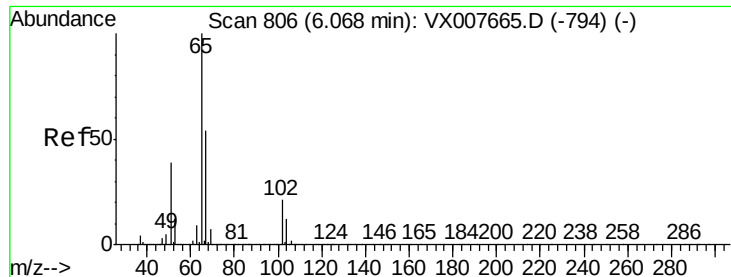
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 50.0 24.9 37.3#



#31
Cyclohexane
Concen: 0.976 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

Tgt Ion: 56 Resp: 5583
Ion Ratio Lower Upper
56 100
69 172.6 23.0 34.6#
84 159.9 69.8 104.6#

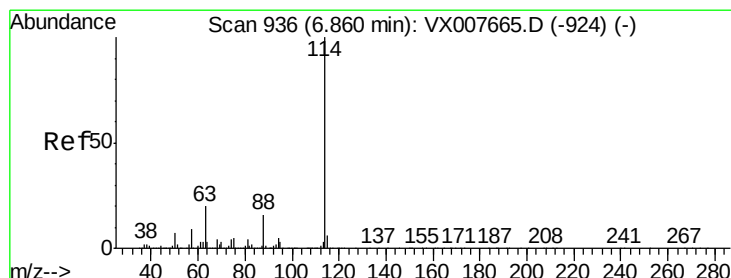
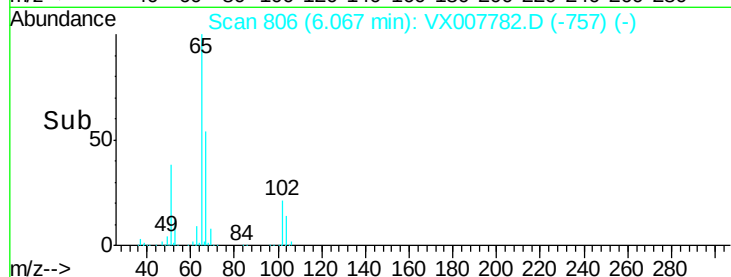
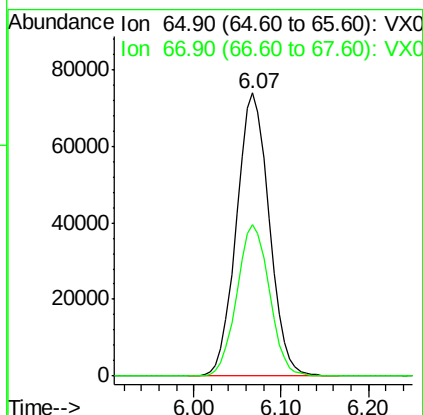
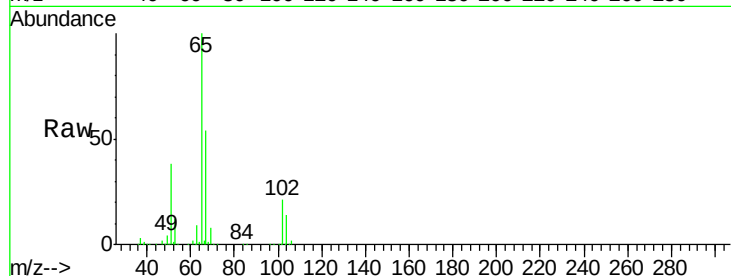




#33
 1,2-Dichloroethane-d4
 Concen: 46.684 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007782.D
 Acq: 01 Mar 2019 11:46

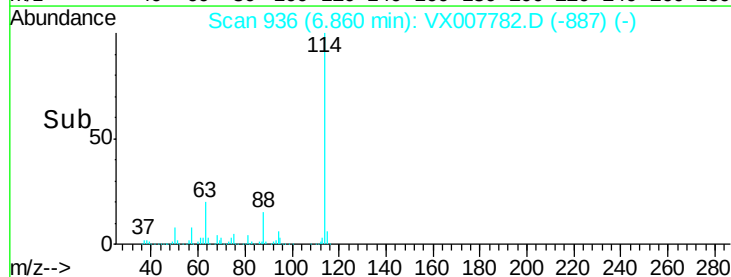
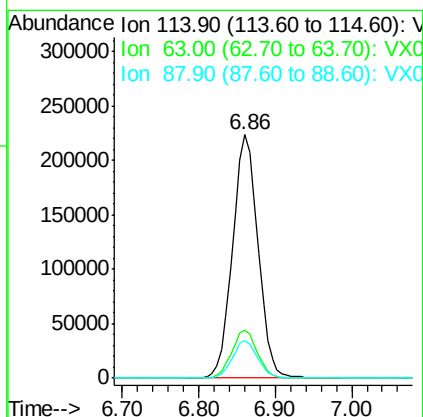
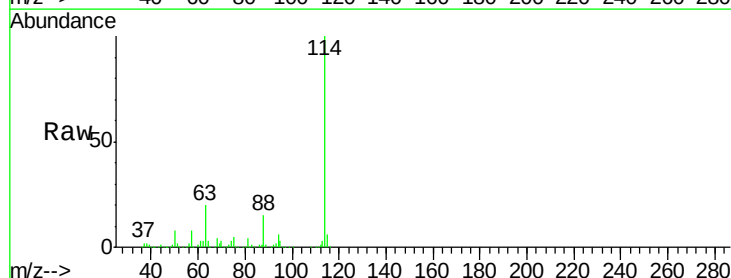
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBL01

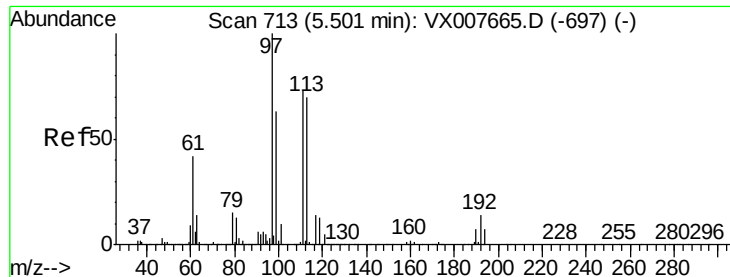
Tgt Ion: 65 Resp: 192153
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007782.D
 Acq: 01 Mar 2019 11:46

Tgt Ion: 114 Resp: 513946
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 35.6
 88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.006 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007782.D

Acq: 01 Mar 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBL01

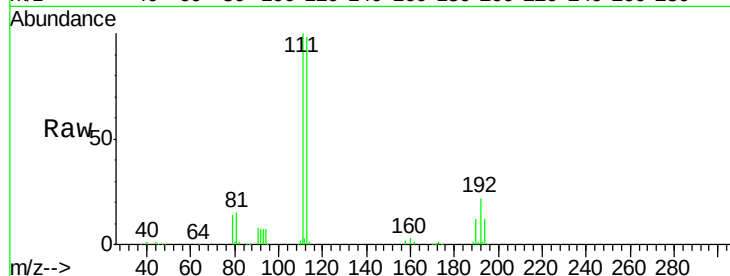
Tgt Ion:113 Resp: 164928

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

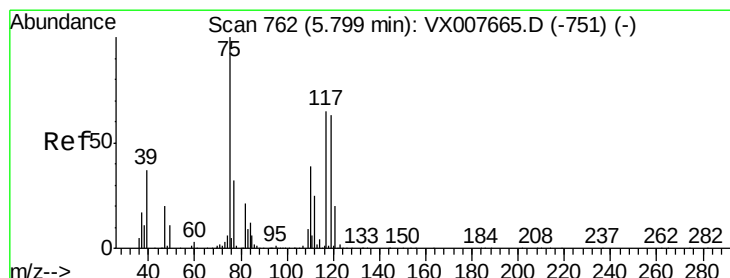
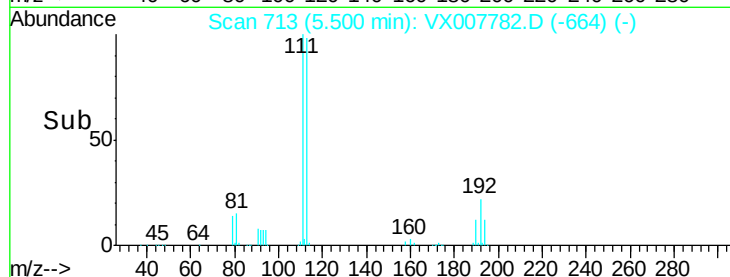
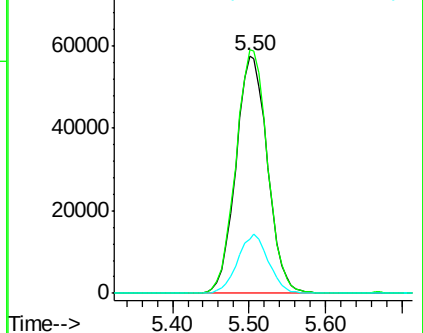
192 24.3 18.5 27.7



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: 4.581 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007782.D

Acq: 01 Mar 2019 11:46

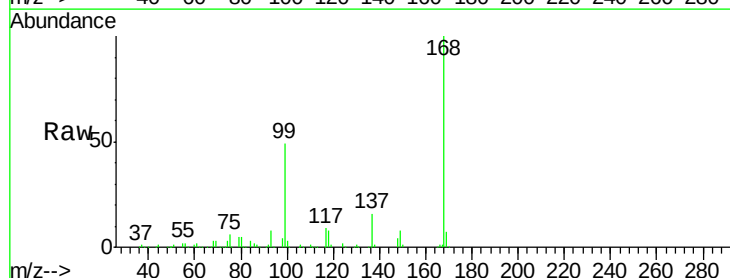
Tgt Ion: 75 Resp: 21166

Ion Ratio Lower Upper

75 100

110 9.8 20.0 59.9#

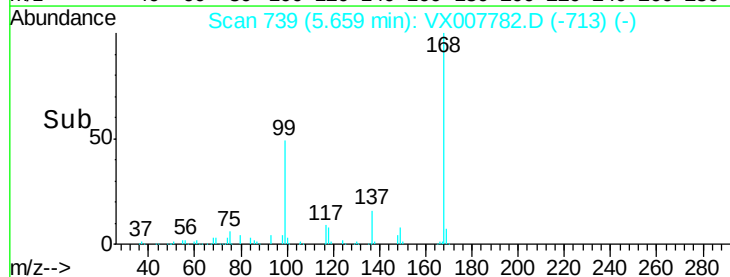
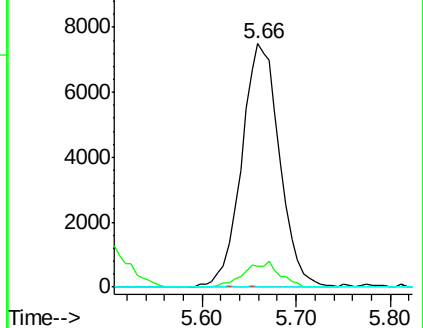
77 0.1 24.7 37.1#

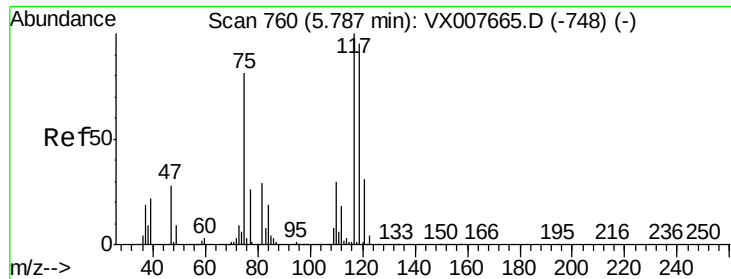


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

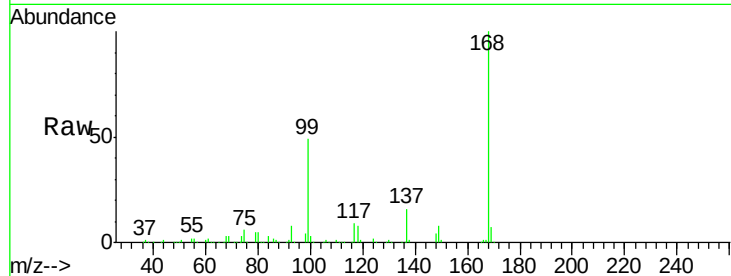




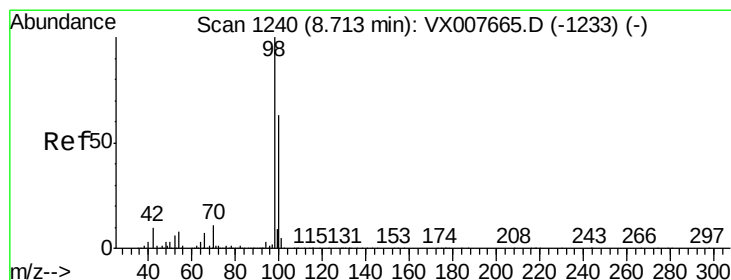
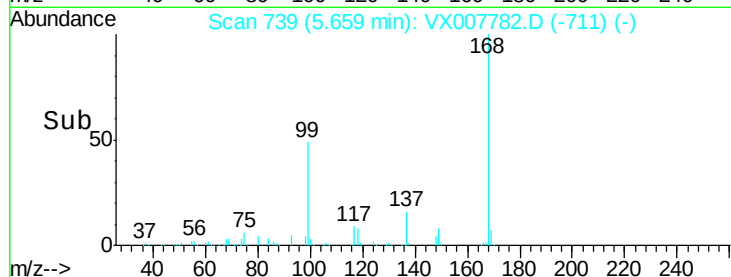
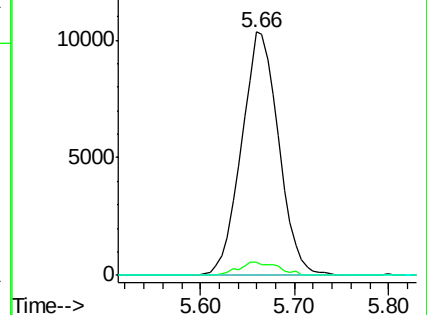
#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBL01

Tgt Ion: 117 Resp: 28508
Ion Ratio Lower Upper
117 100
119 5.7 75.3 112.9#
121 0.0 25.0 37.4#

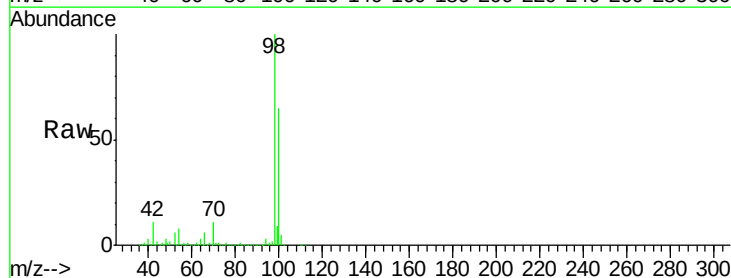


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

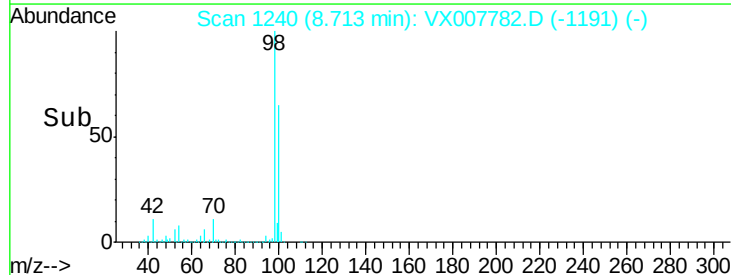
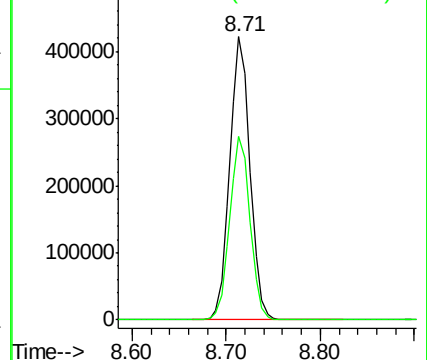


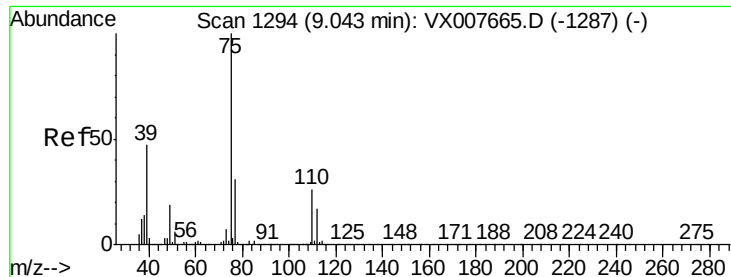
#50
Toluene-d8
Concen: 47.887 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

Tgt Ion: 98 Resp: 629846
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

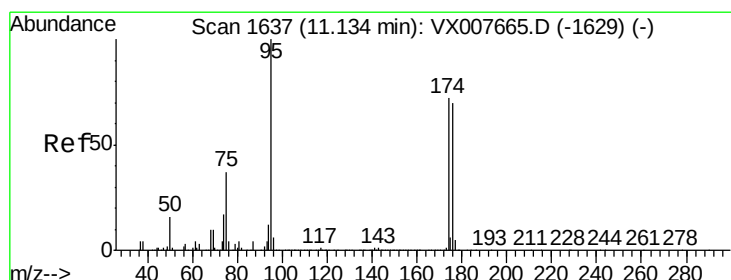
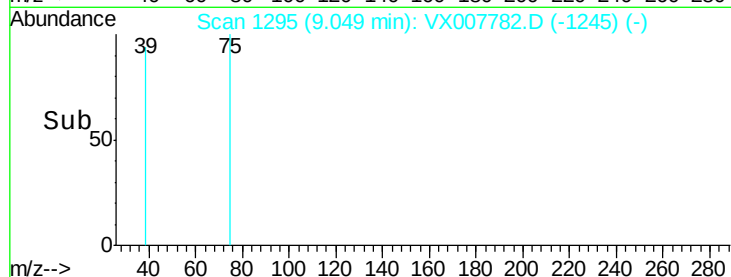
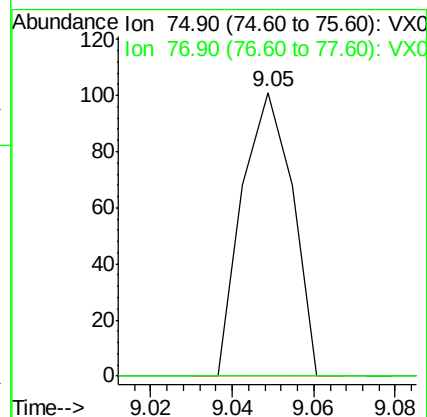
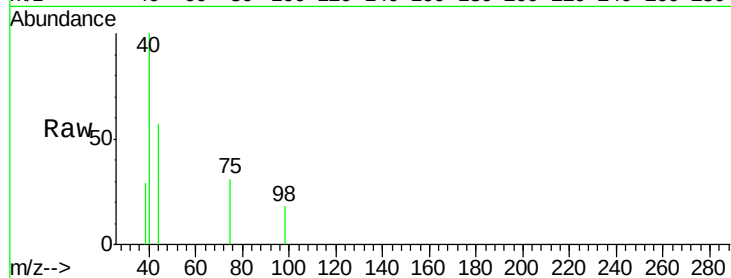




#53
t-1,3-Dichloropropene
Concen: 2.817 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

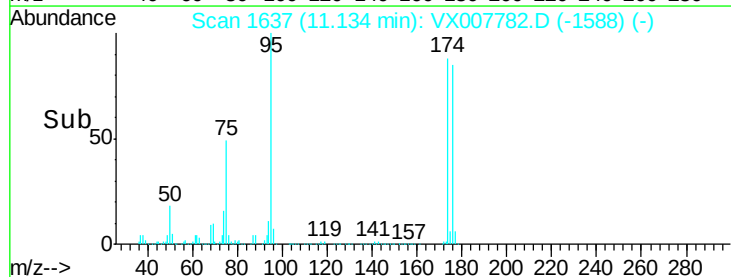
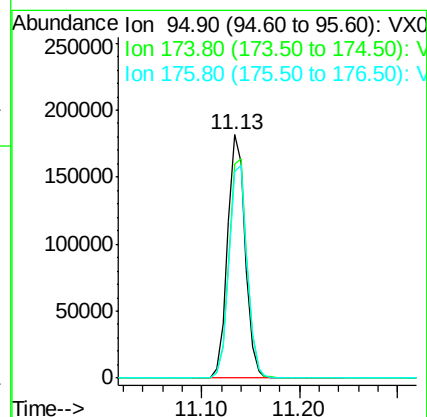
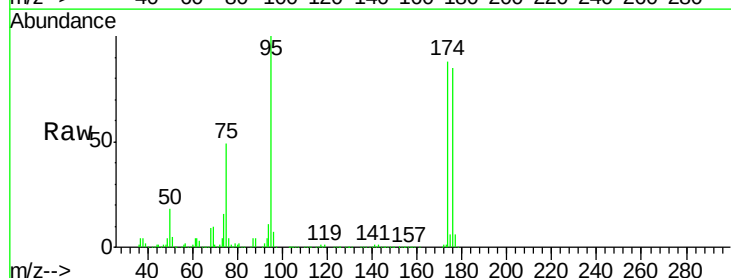
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBL01

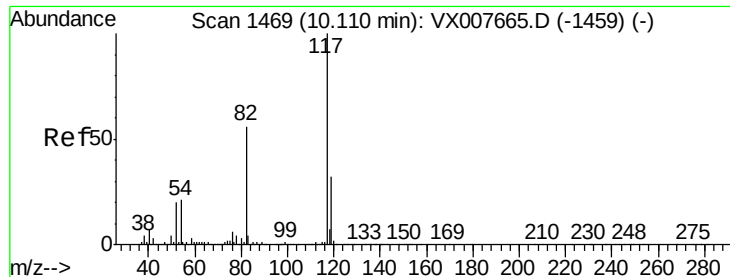
Tgt Ion: 75 Resp: 87
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#



#62
4-Bromofluorobenzene
Concen: 47.105 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

Tgt Ion: 95 Resp: 227399
Ion Ratio Lower Upper
95 100
174 92.2 0.0 189.2
176 89.8 0.0 186.2

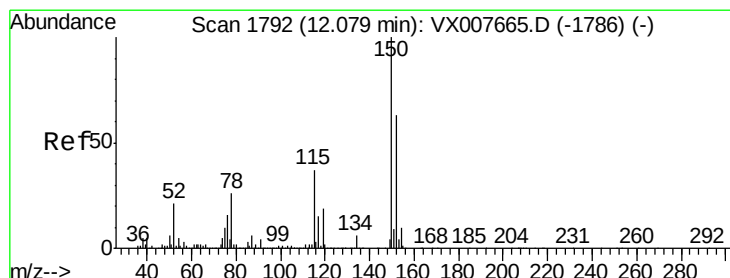
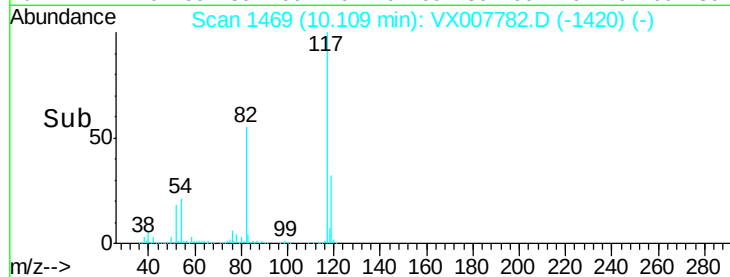
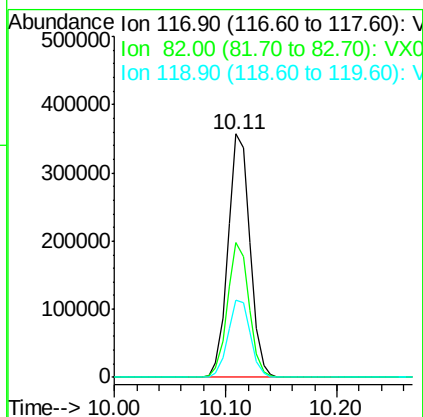
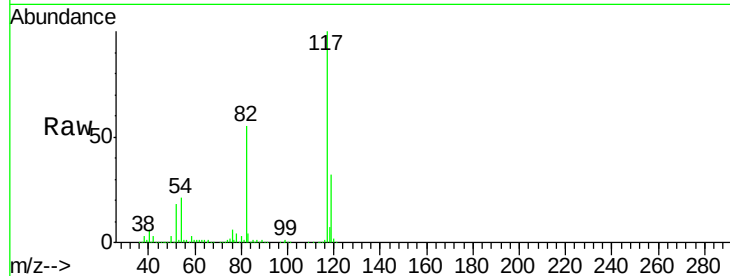




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

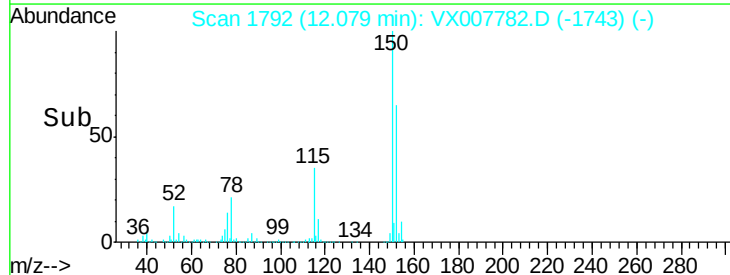
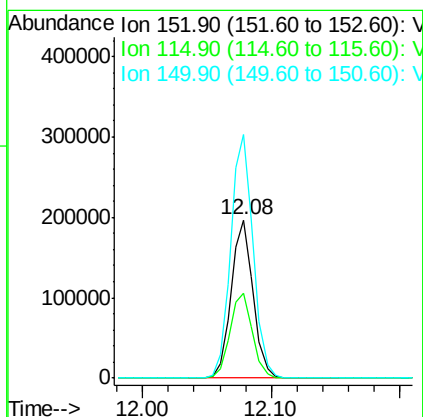
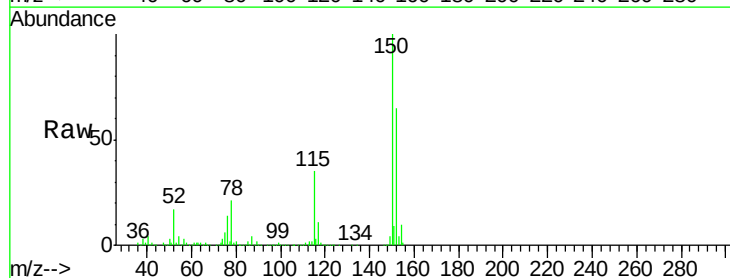
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBL01

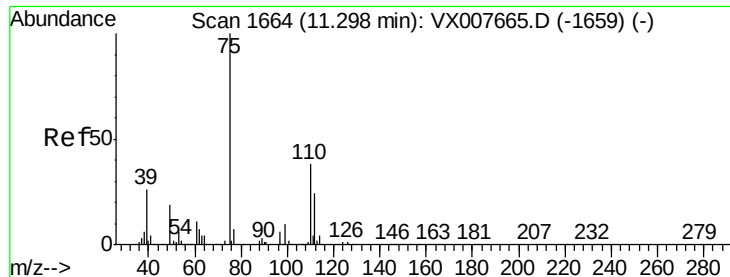
Tgt Ion:117 Resp: 485953
Ion Ratio Lower Upper
117 100
82 55.4 42.1 63.1
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007782.D
Acq: 01 Mar 2019 11:46

Tgt Ion:152 Resp: 234519
Ion Ratio Lower Upper
152 100
115 55.2 38.0 114.0
150 157.3 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 21.601 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007782.D

Acq: 01 Mar 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

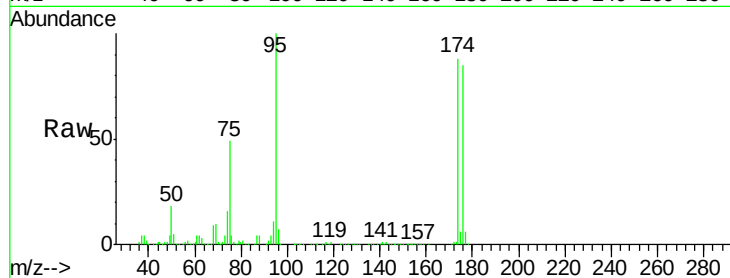
VX0301WBL01

Tgt Ion: 75 Resp: 107981

Ion Ratio Lower Upper

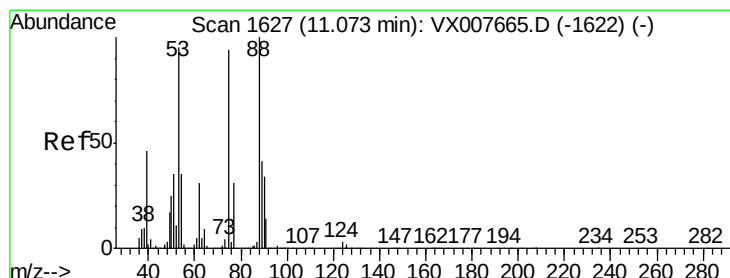
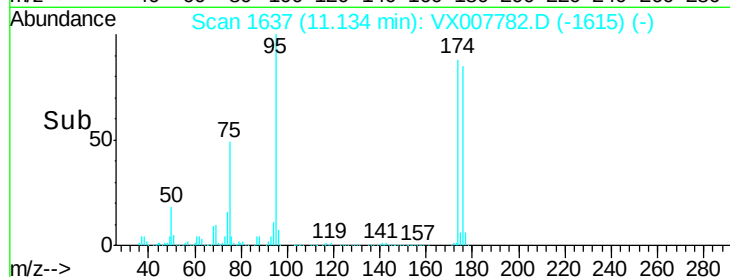
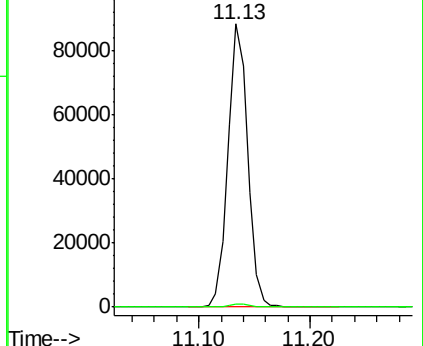
75 100

77 1.3 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 57.410 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007782.D

Acq: 01 Mar 2019 11:46

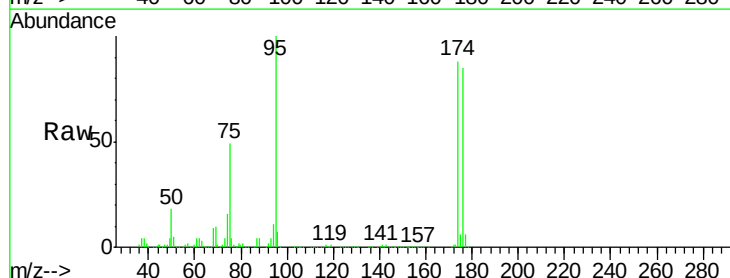
Tgt Ion: 75 Resp: 107981

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

