

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012355.D
 Acq On : 12 Sep 2019 18:51
 Operator : SY/SP
 Sample : K4752-01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-07-7.5-8.0

Quant Time: Sep 13 02:01:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109756	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	5.48	113	82986	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.71	98	326547	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.14	95	129077	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	

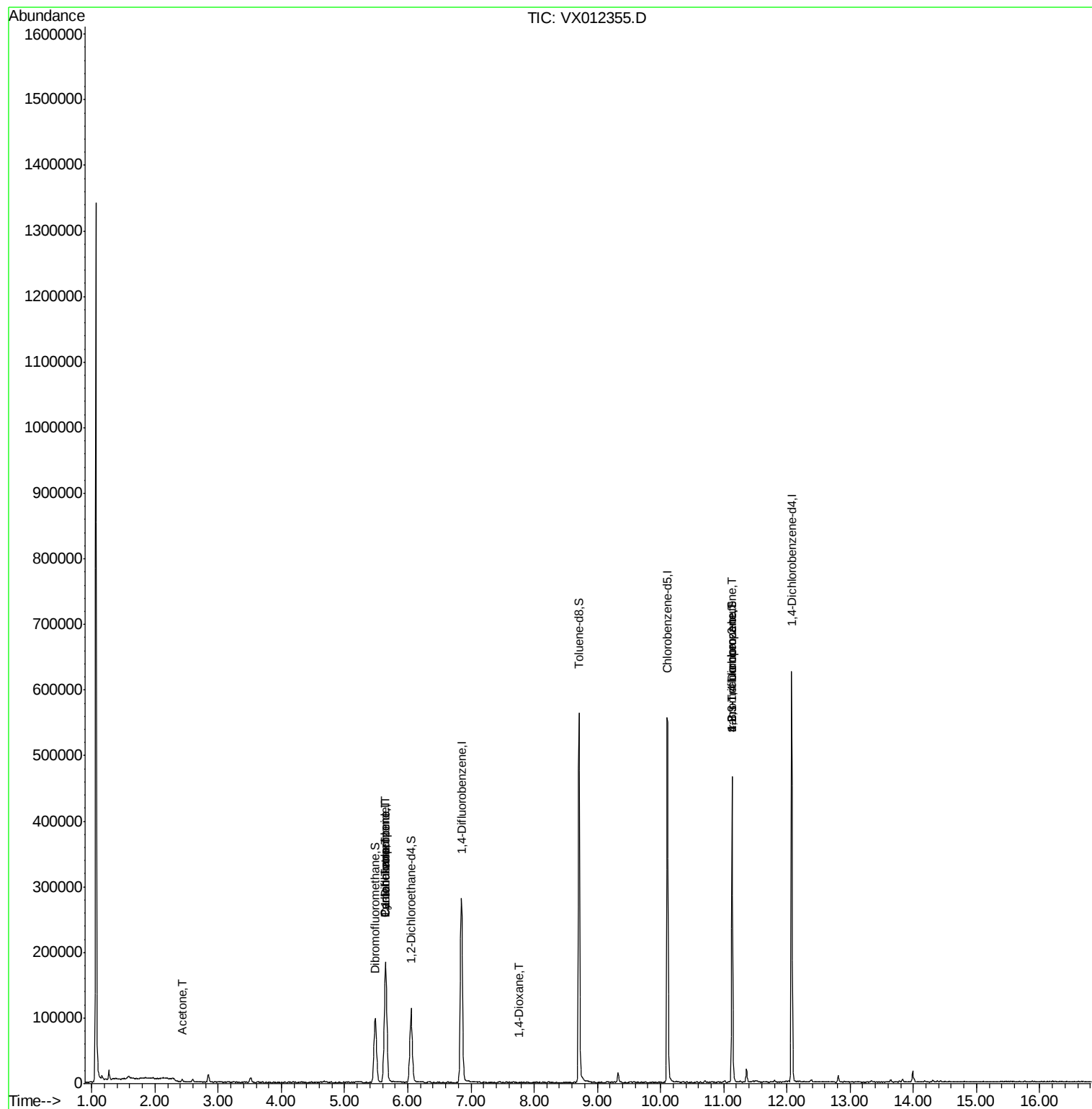
Target Compounds					Qvalue
5) Bromomethane	1.64	94	361	Below Cal	# 72
11) Tert butyl alcohol	3.03	59	830	Below Cal	# 87
16) Acetone	2.43	43	3461	6.623	ug/l 100
31) Cyclohexane	5.65	56	4719	2.302	ug/l # 29
36) 1,1-Dichloropropene	5.65	75	14103	7.023	ug/l # 54
38) Carbon Tetrachloride	5.65	117	17947	7.617	ug/l # 13
49) 1,4-Dioxane	7.76	88	19	1.124	ug/l # 1
76) 1,2,3-Trichloropropane	11.14	75	68541	44.988	ug/l # 38
81) trans-1,4-Dichloro-2-buten	11.14	75	68541	134.793	ug/l # 5

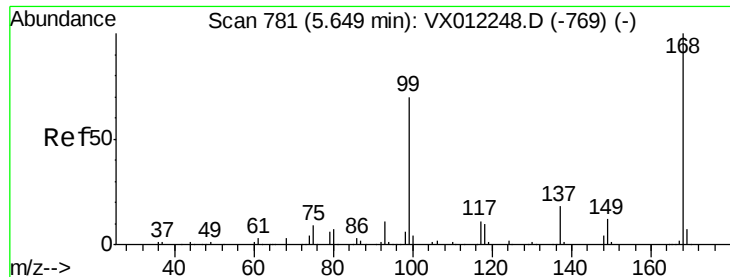
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
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SB-07-7.5-8.0

Quant Time: Sep 13 02:01:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

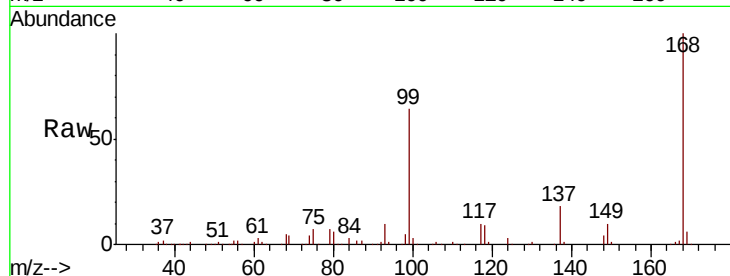
SB-07-7.5-8.0

Tgt Ion:168 Resp: 156140

Ion Ratio Lower Upper

168 100

99 64.4 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

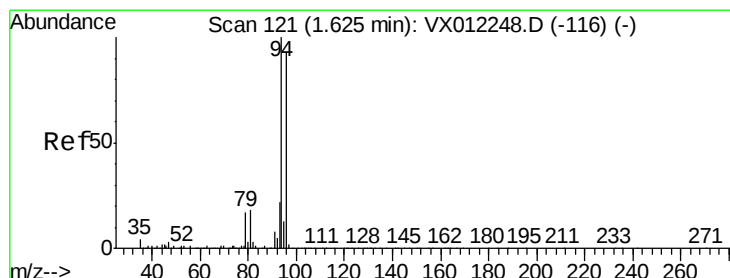
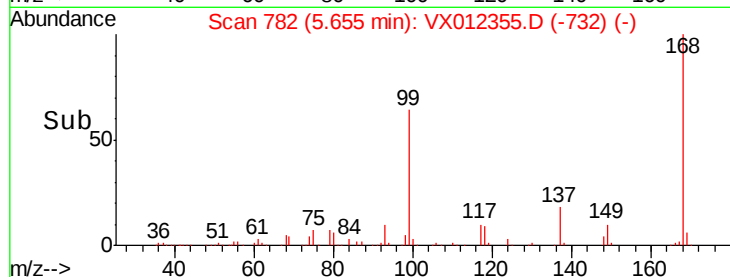
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012355.D

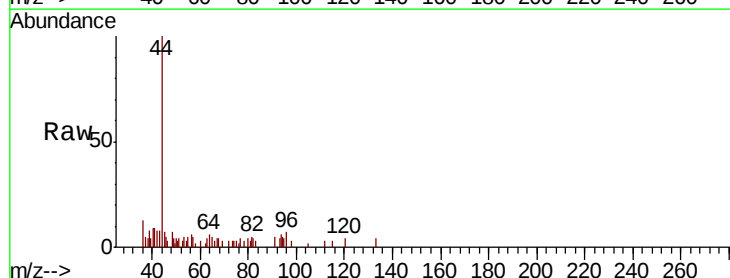
Acq: 12 Sep 2019 18:51

Tgt Ion: 94 Resp: 361

Ion Ratio Lower Upper

94 100

96 66.0 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

150

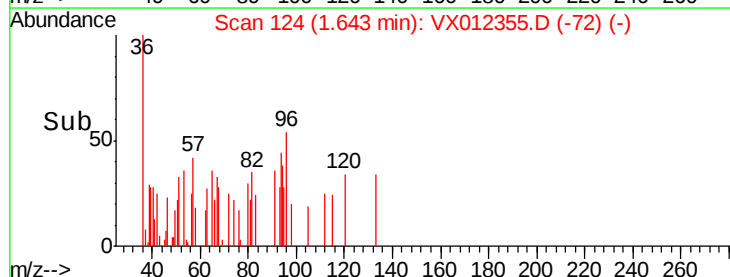
100

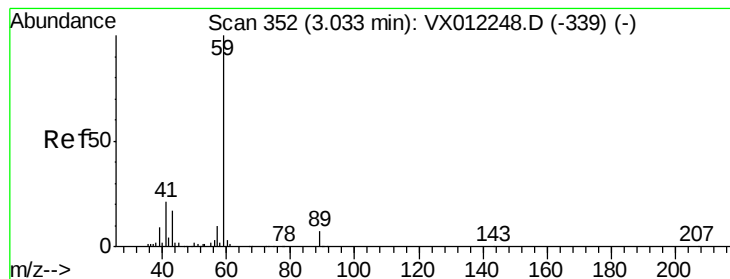
50

0

Time-->

1.60 1.65



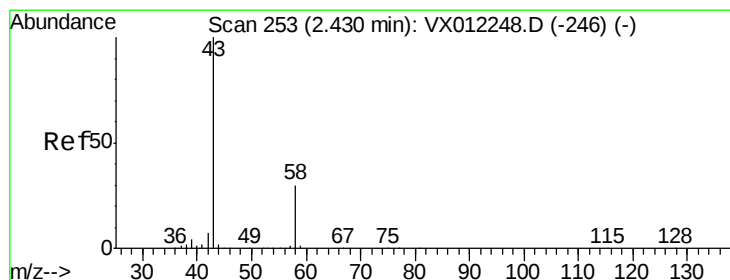
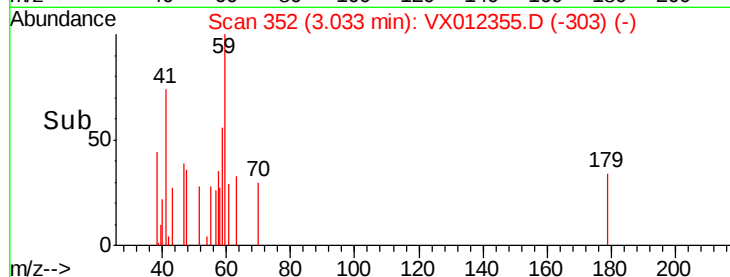
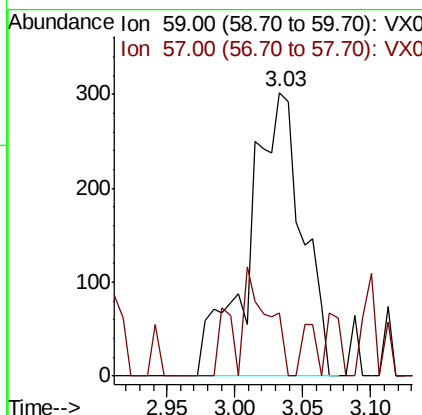
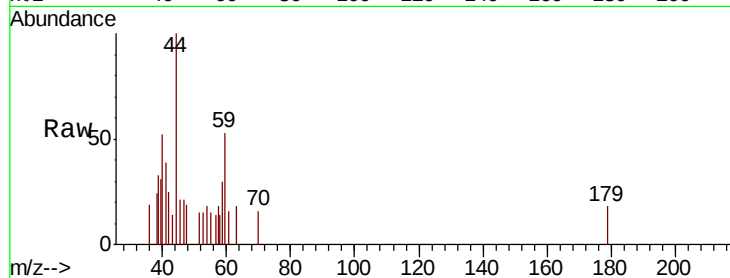


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX012355.D
 Acq: 12 Sep 2019 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-07-7.5-8.0

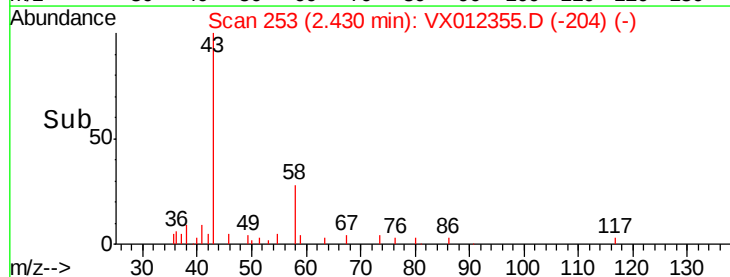
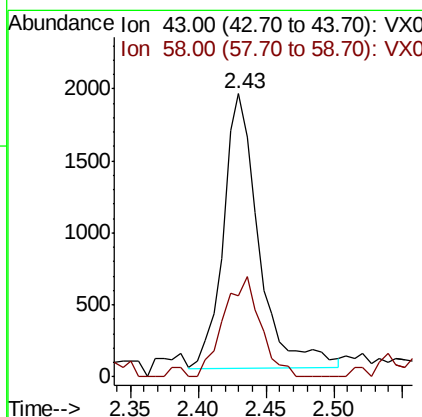
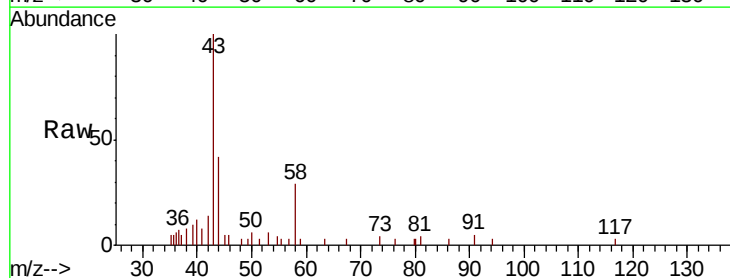
Tgt Ion: 59 Resp: 830
 Ion Ratio Lower Upper
 59 100
 57 4.8 7.8 11.6#

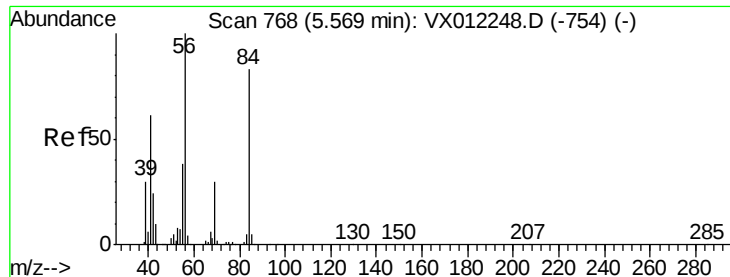


#16

Acetone
 Concen: 6.623 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX012355.D
 Acq: 12 Sep 2019 18:51

Tgt Ion: 43 Resp: 3461
 Ion Ratio Lower Upper
 43 100
 58 29.6 23.6 35.4

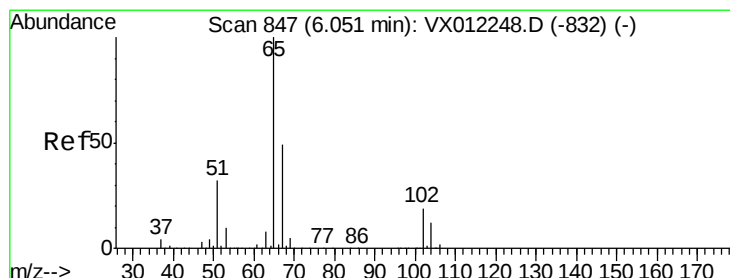
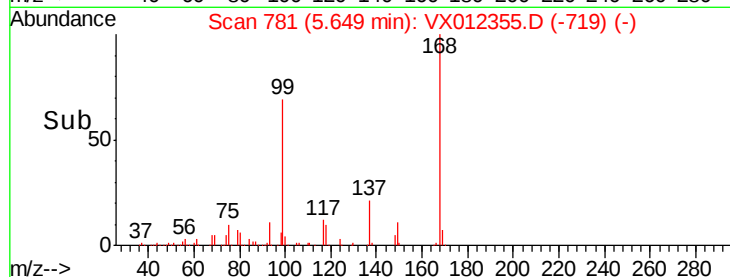
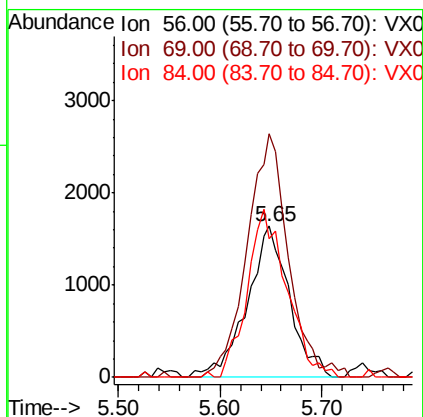
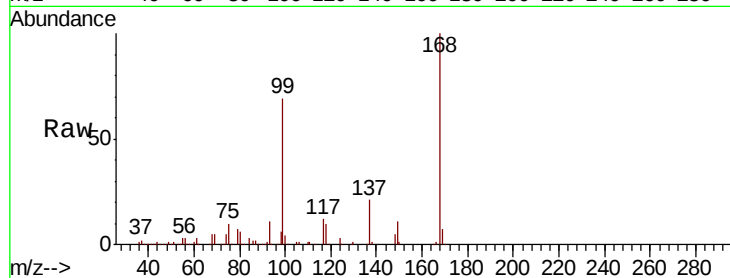




#31
Cyclohexane
Concen: 2.302 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012355.D
Acq: 12 Sep 2019 18:51

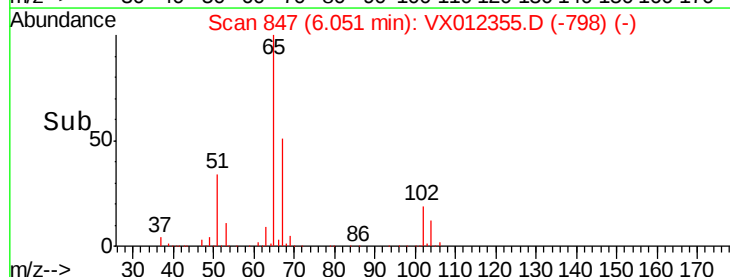
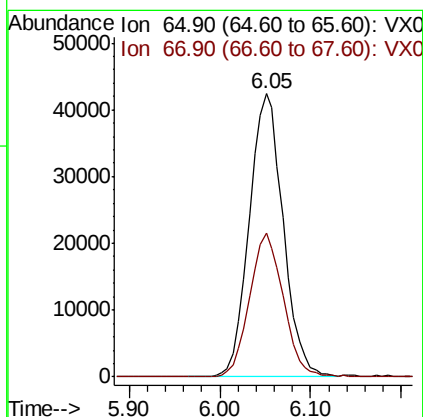
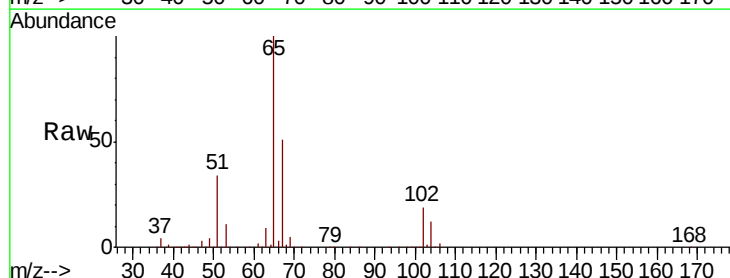
Instrument :
MSVOA_X
ClientSampleId :
SB-07-7.5-8.0

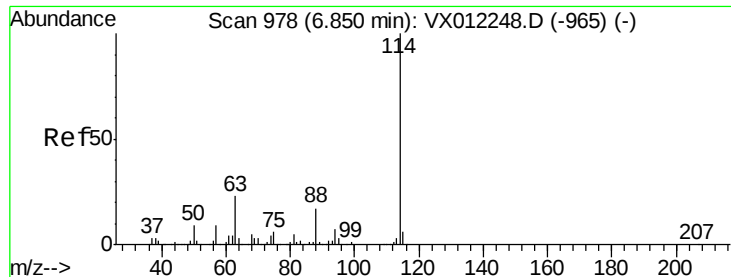
Tgt Ion: 56 Resp: 4719
Ion Ratio Lower Upper
56 100
69 161.3 23.8 35.6#
84 92.2 66.6 100.0



#33
1,2-Dichloroethane-d4
Concen: 49.719 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012355.D
Acq: 12 Sep 2019 18:51

Tgt Ion: 65 Resp: 109756
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

SB-07-7.5-8.0

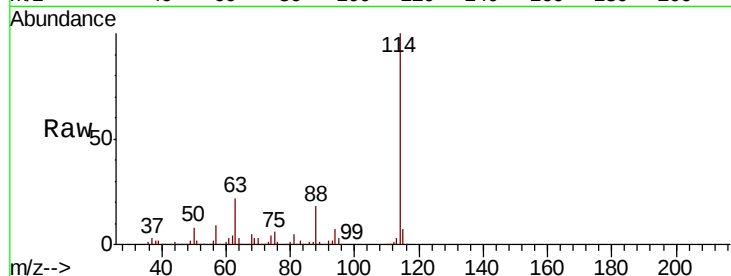
Tgt Ion:114 Resp: 275417

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

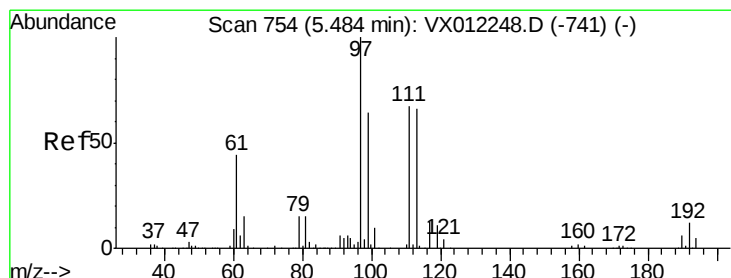
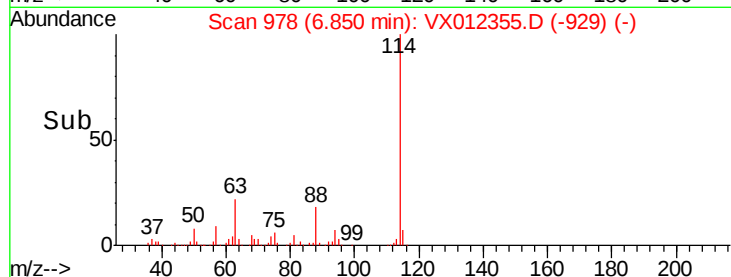
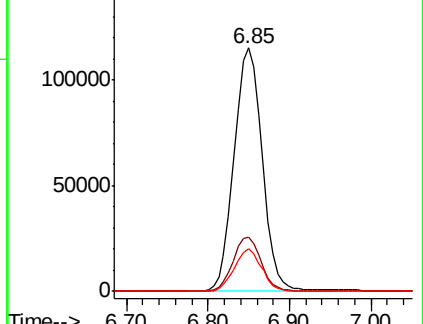
88 17.7 0.0 34.8



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: 47.003 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

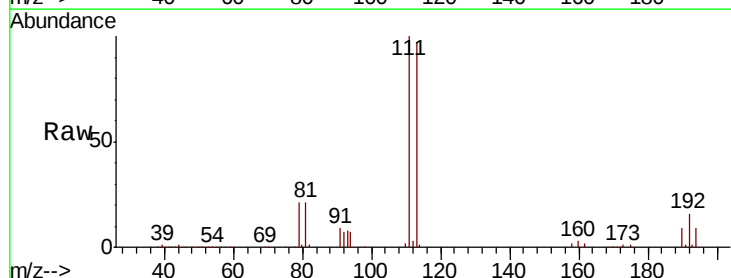
Tgt Ion:113 Resp: 82986

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

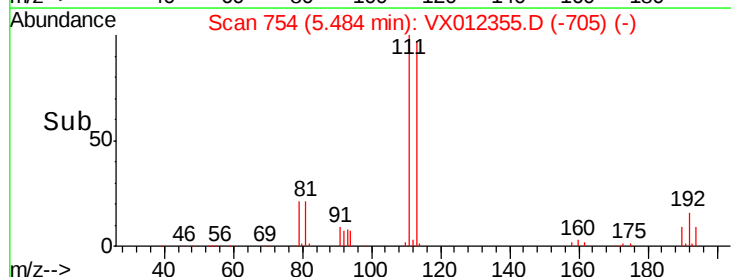
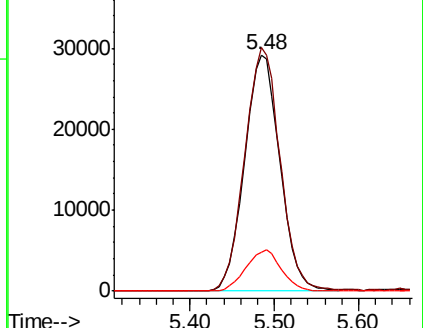
192 17.5 14.3 21.5

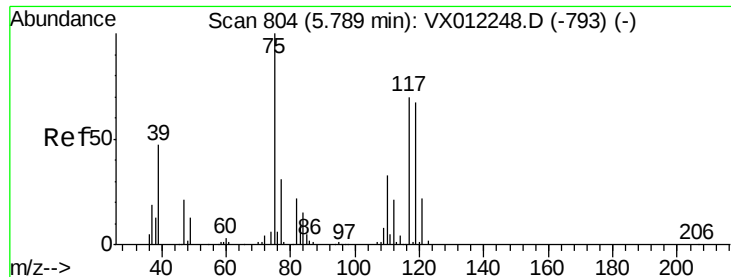


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

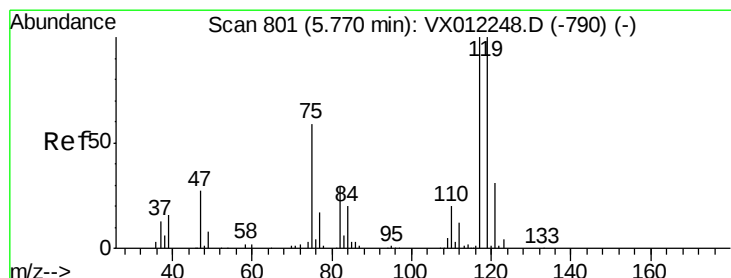
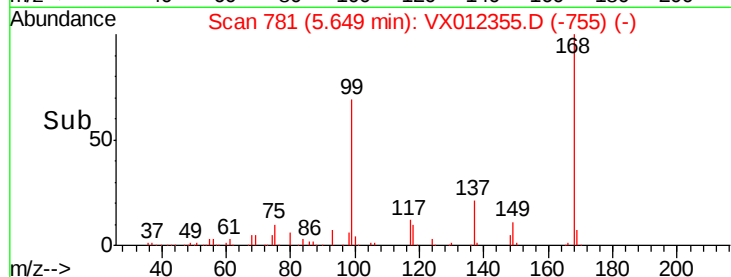
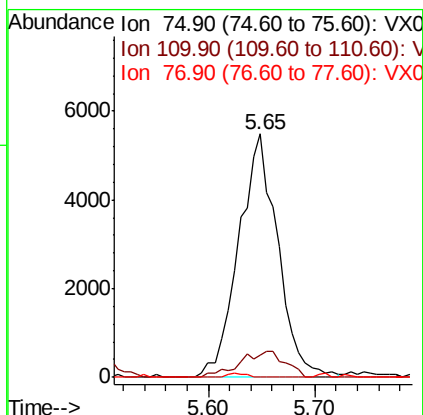
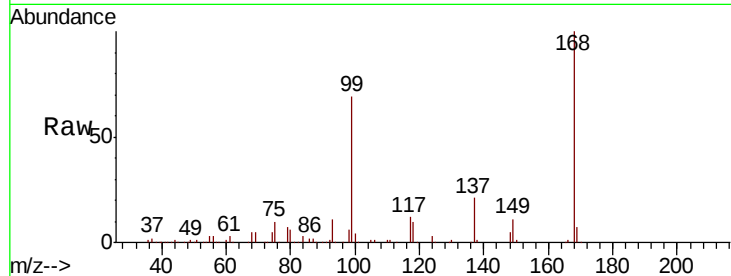




#36
 1,1-Dichloropropene
 Concen: 7.023 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012355.D
 Acq: 12 Sep 2019 18:51

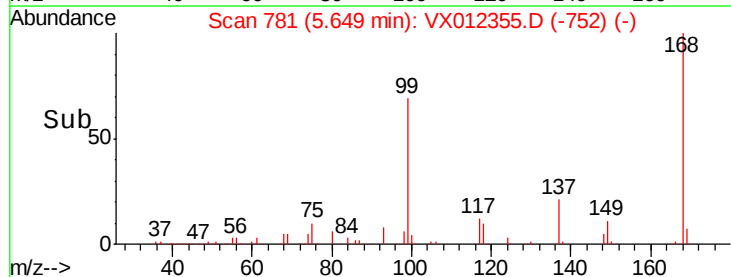
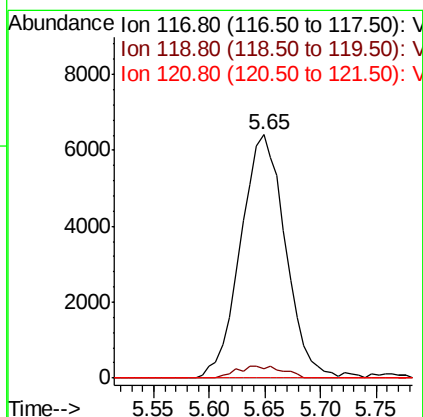
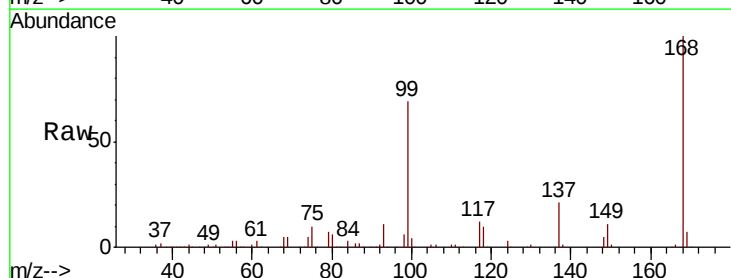
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-07-7.5-8.0

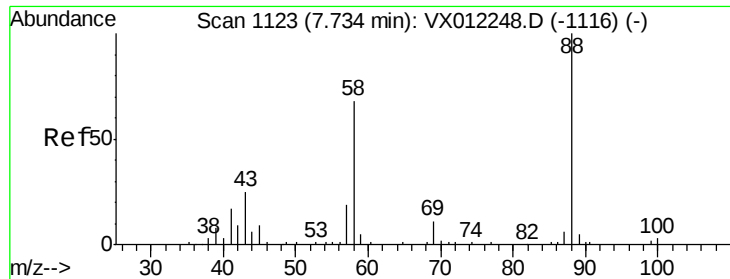
Tgt Ion: 75 Resp: 14103
 Ion Ratio Lower Upper
 75 100
 110 12.4 16.8 50.4#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.617 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012355.D
 Acq: 12 Sep 2019 18:51

Tgt Ion: 117 Resp: 17947
 Ion Ratio Lower Upper
 117 100
 119 3.7 79.6 119.4#
 121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 1.124 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

SB-07-7.5-8.0

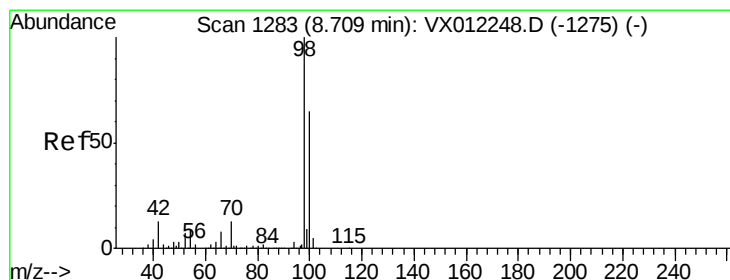
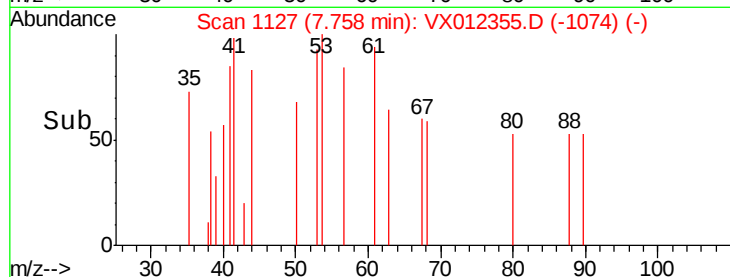
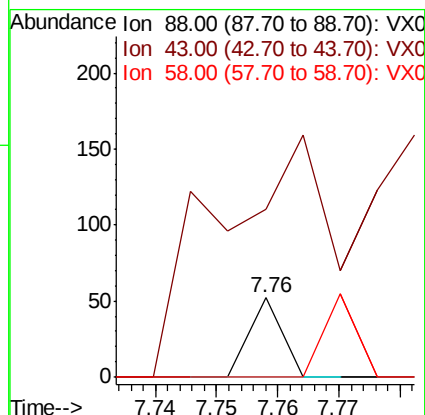
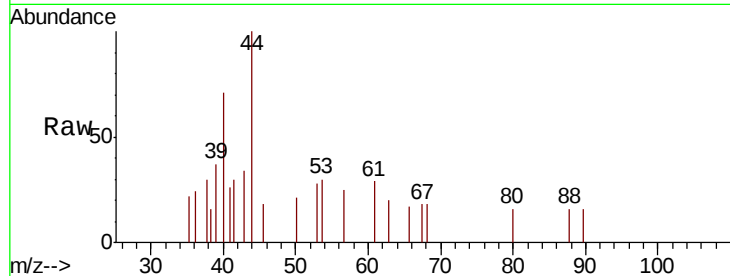
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 1073.7 31.0 46.4#

58 105.3 61.5 92.3#



#50

Toluene-d8

Concen: 52.734 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012355.D

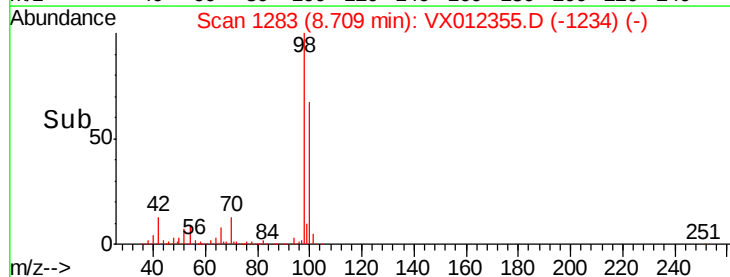
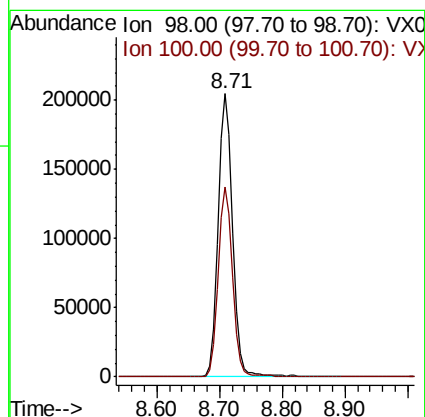
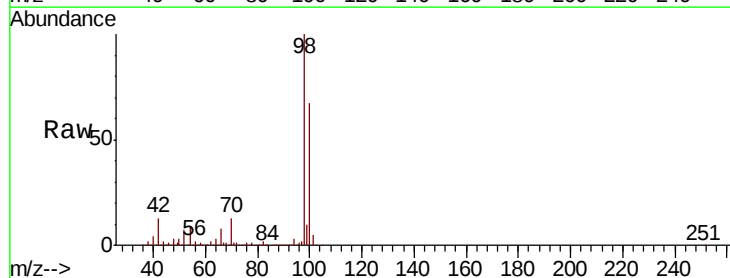
Acq: 12 Sep 2019 18:51

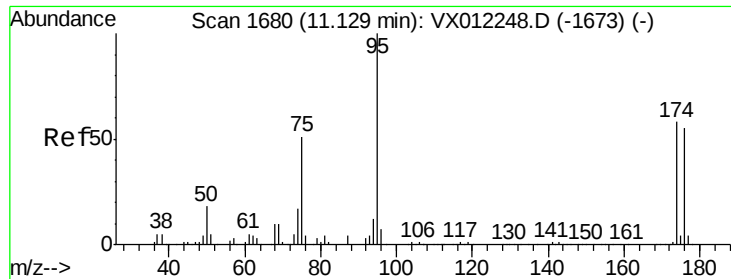
Tgt Ion: 98 Resp: 326547

Ion Ratio Lower Upper

98 100

100 66.6 54.1 81.1





#62

4-Bromofluorobenzene

Concen: 44.962 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampled :

SB-07-7.5-8.0

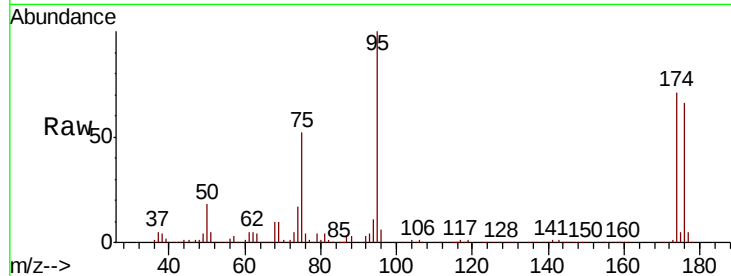
Tgt Ion: 95 Resp: 129077

Ion Ratio Lower Upper

95 100

174 68.6 0.0 127.0

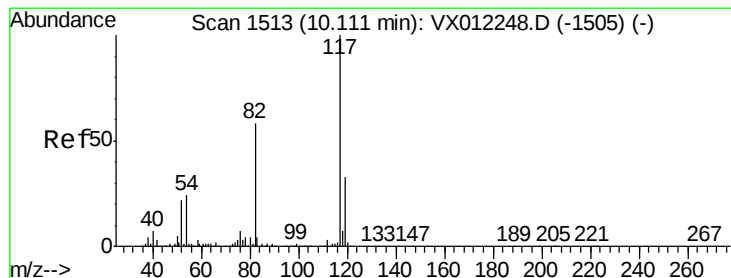
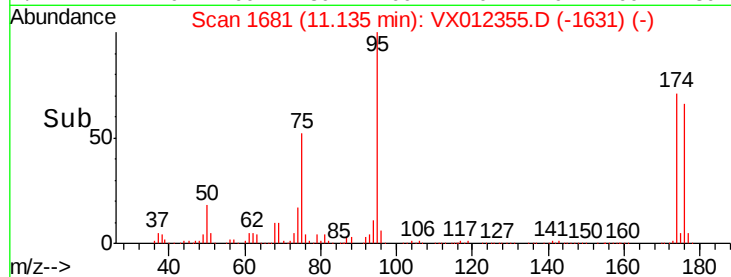
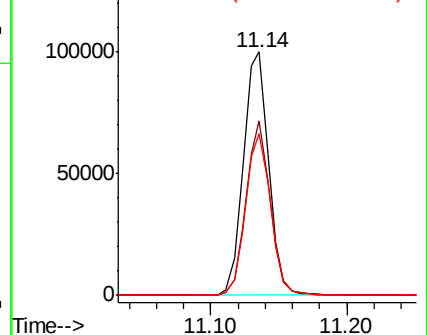
176 66.1 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012248.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX012248.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX012248.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

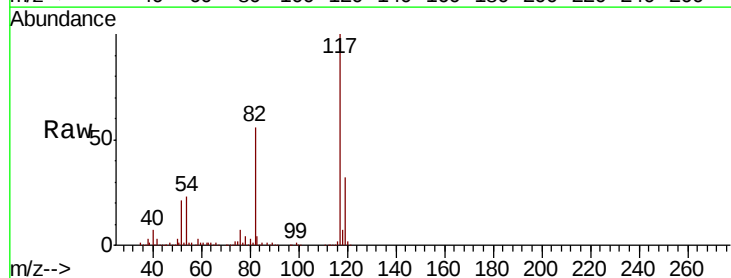
Tgt Ion: 117 Resp: 246858

Ion Ratio Lower Upper

117 100

82 55.9 46.4 69.6

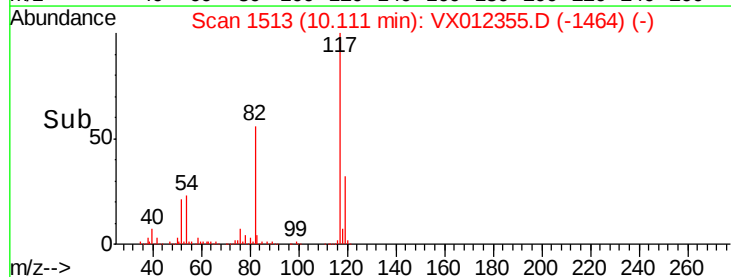
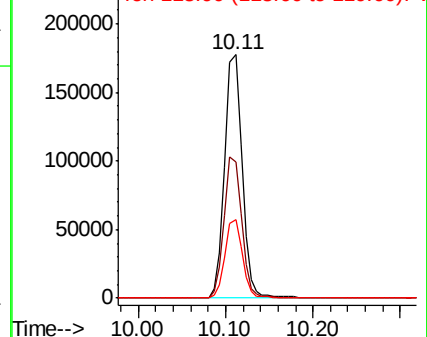
119 32.2 26.6 39.8

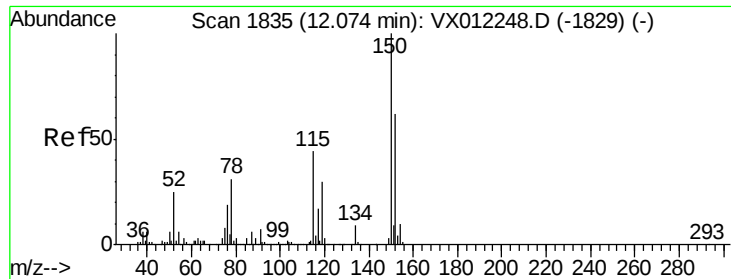


Abundance Ion 116.90 (116.60 to 117.60): VX012248.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012248.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012248.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

SB-07-7.5-8.0

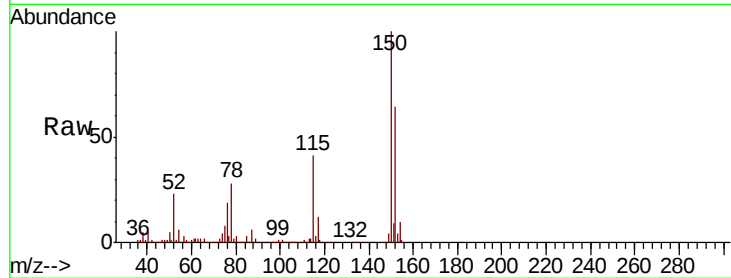
Tgt Ion:152 Resp: 118597

Ion Ratio Lower Upper

152 100

115 64.7 45.5 136.4

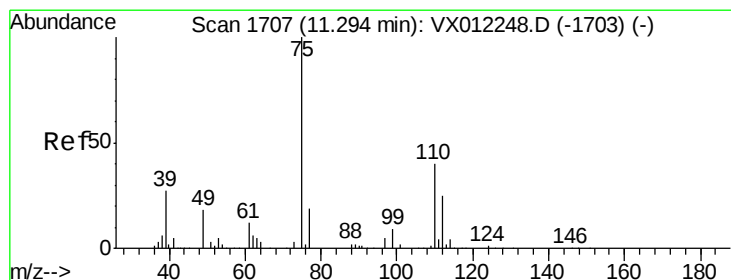
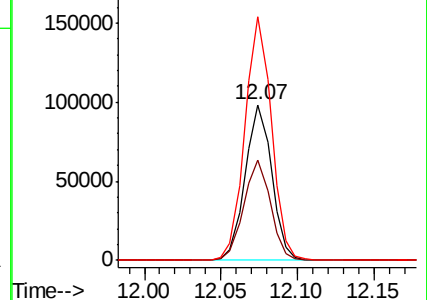
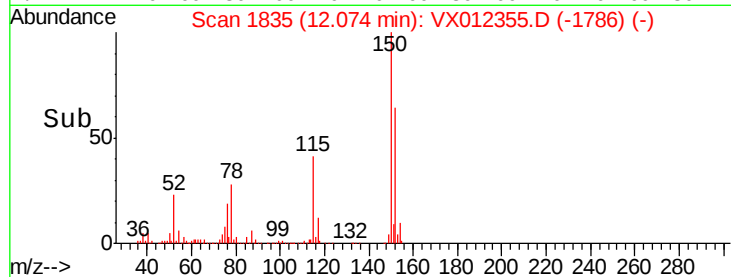
150 156.3 0.0 346.4



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: 44.988 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012355.D

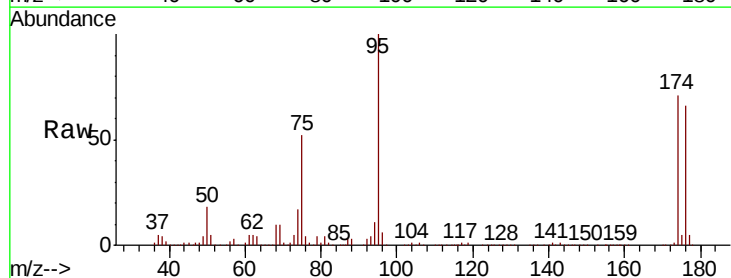
Acq: 12 Sep 2019 18:51

Tgt Ion: 75 Resp: 68541

Ion Ratio Lower Upper

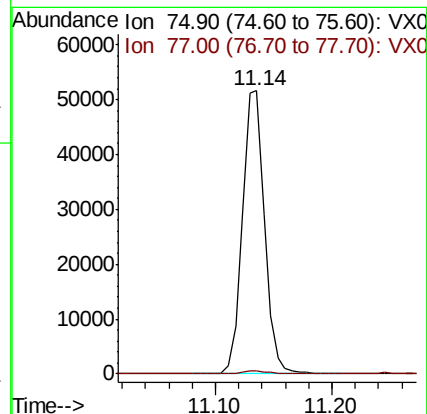
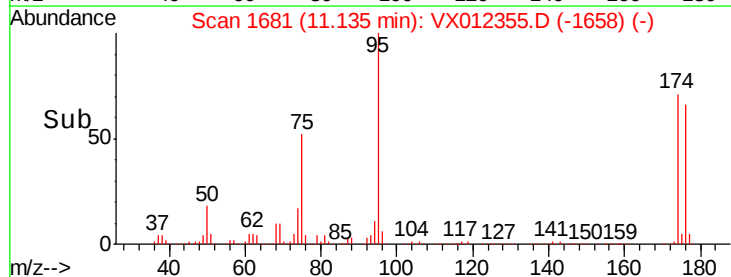
75 100

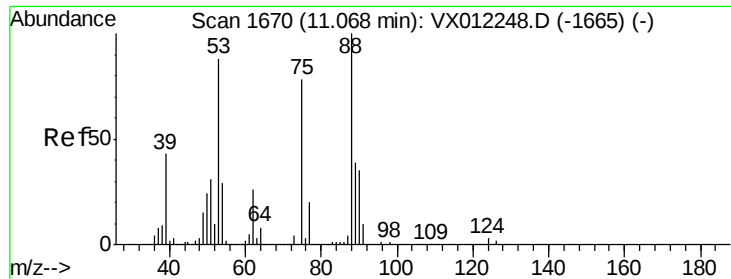
77 1.1 19.7 59.0#



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: 134.793 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012355.D

Acq: 12 Sep 2019 18:51

Instrument :

MSVOA_X

ClientSampleId :

SB-07-7.5-8.0

Tgt Ion: 75 Resp: 68541

Ion Ratio Lower Upper

75 100

53 0.3 88.1 132.1#

89 0.0 43.5 65.3#

