

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
 Data File : VX011815.D
 Acq On : 24 Aug 2019 13:55
 Operator : JC/SP
 Sample : VX0824WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBL01

Quant Time: Aug 26 04:07:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	481099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	644278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	583136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313573	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	216468	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	
35) Dibromofluoromethane	5.49	113	188106	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
50) Toluene-d8	8.71	98	720795	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	261906	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

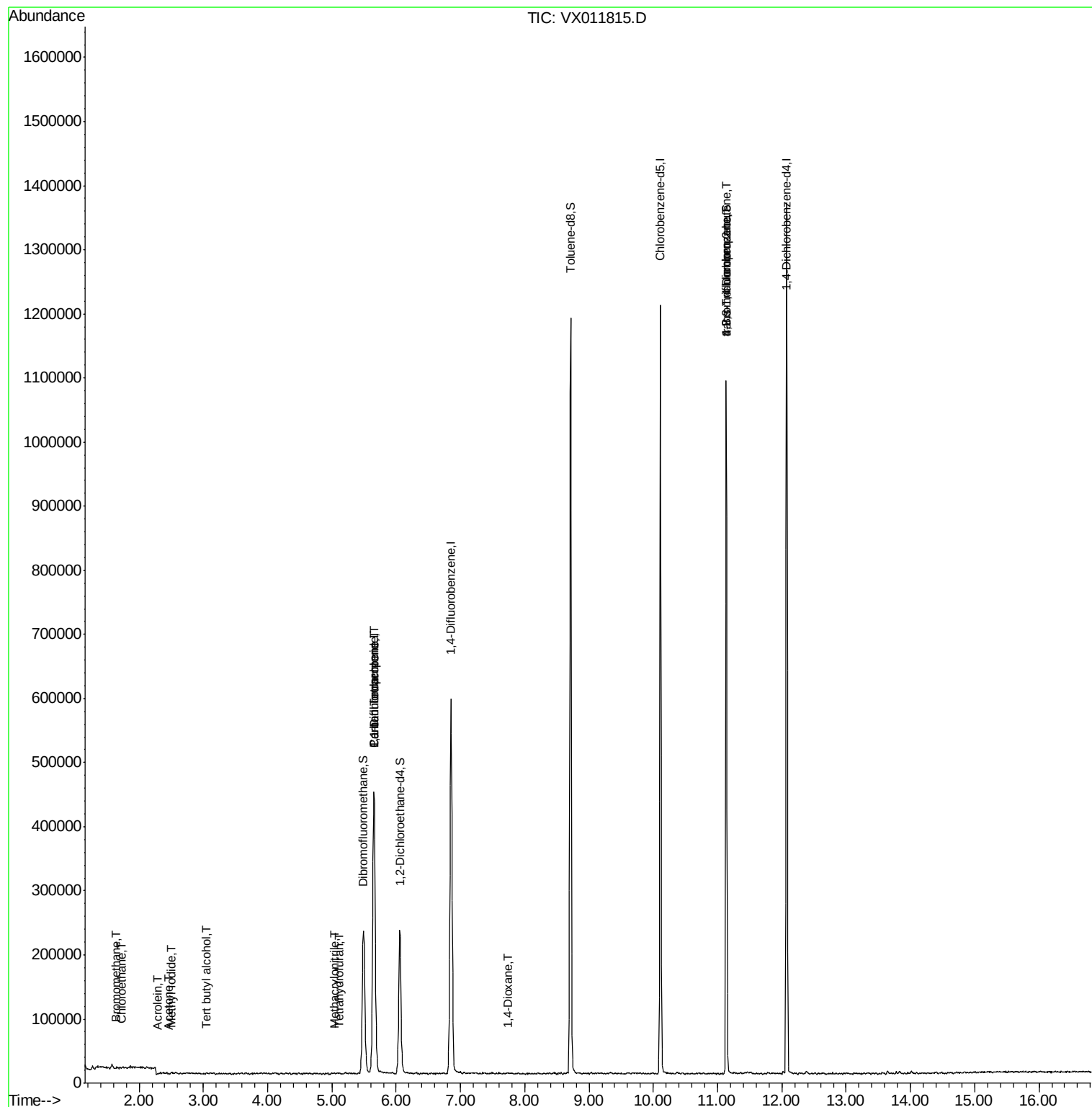
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	858	0.396	ug/l #	46
6) Chloroethane	1.73	64	587	0.255	ug/l #	85
10) Methyl Iodide	2.51	142	1358	0.287	ug/l #	96
11) Tert butyl alcohol	3.04	59	313	0.328	ug/l #	1
13) Acrolein	2.29	56	520	1.409	ug/l #	56
16) Acetone	2.45	43	743	0.353	ug/l #	50
29) Tetrahydrofuran	5.12	42	413	0.214	ug/l #	76
36) 1,1-Dichloropropene	5.65	75	26272	5.200	ug/l #	52
38) Carbon Tetrachloride	5.65	117	39950	6.977	ug/l #	17
41) Methacrylonitrile	5.03	41	686	0.221	ug/l #	76
49) 1,4-Dioxane	7.74	88	268	2.246	ug/l #	41
76) 1,2,3-Trichloropropane	11.13	75	121495	22.081	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	121495	66.592	ug/l #	11

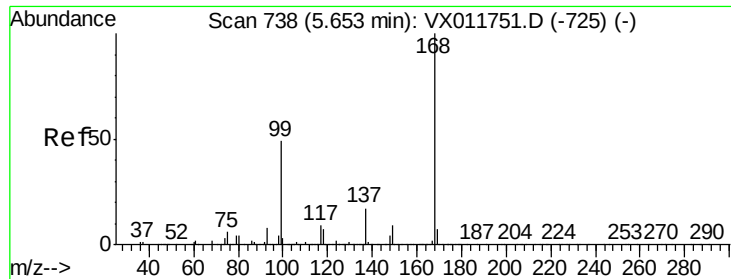
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
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MSVOA_X
ClientSampled :
VX0824WBL01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

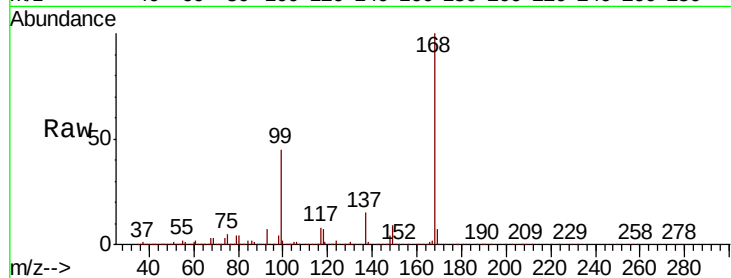
VX0824WBL01

Tgt Ion:168 Resp: 481099

Ion Ratio Lower Upper

168 100

99 45.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

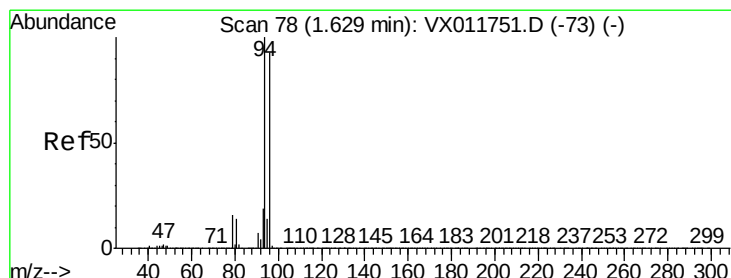
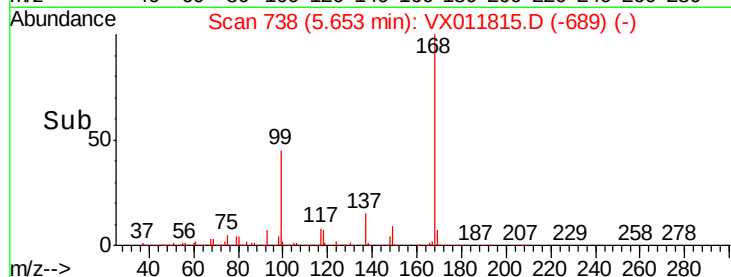
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.396 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.02 min

Lab File: VX011815.D

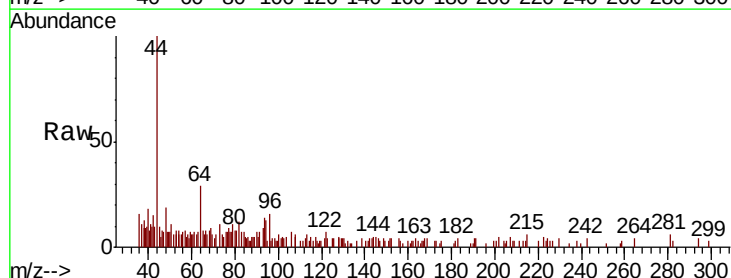
Acq: 24 Aug 2019 13:55

Tgt Ion: 94 Resp: 858

Ion Ratio Lower Upper

94 100

96 40.5 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

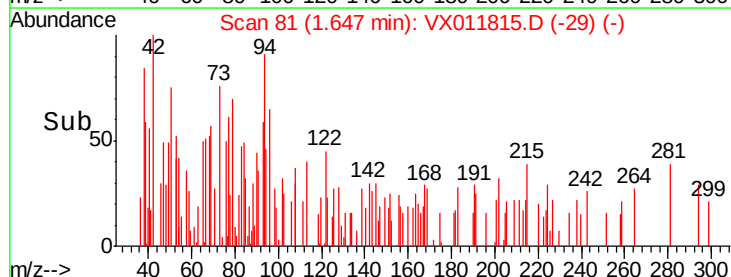
400

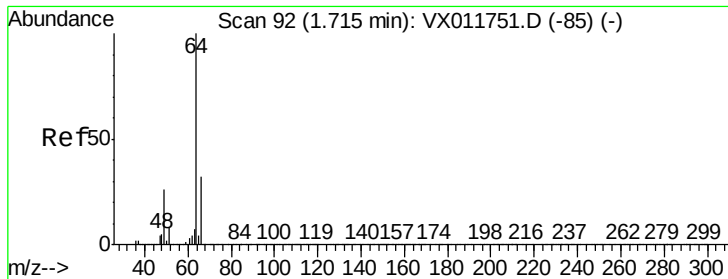
200

0

1.60 1.65 1.70

Time-->





#6

Chloroethane

Concen: 0.255 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampled :

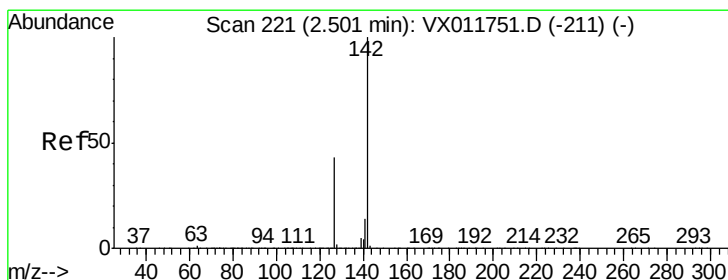
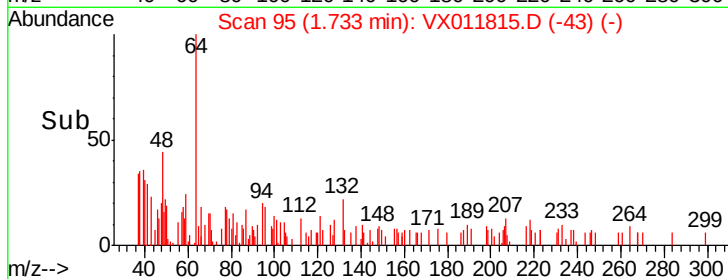
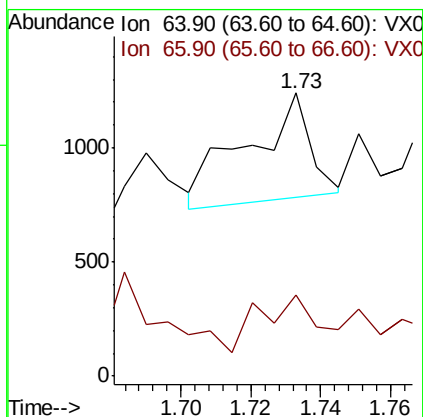
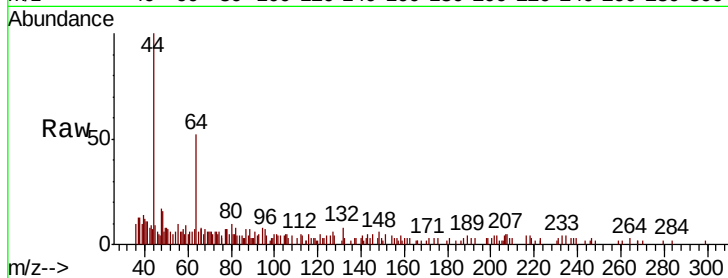
VX0824WBL01

Tgt Ion: 64 Resp: 587

Ion Ratio Lower Upper

64 100

66 39.5 24.9 37.3#



#10

Methyl Iodide

Concen: 0.287 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

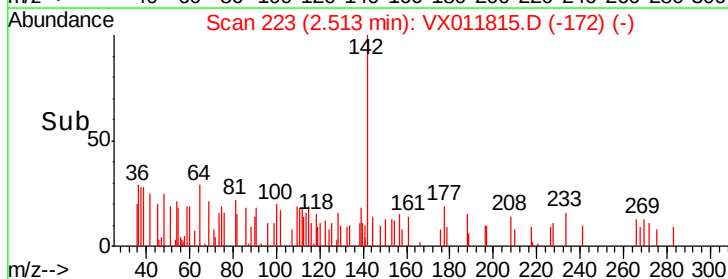
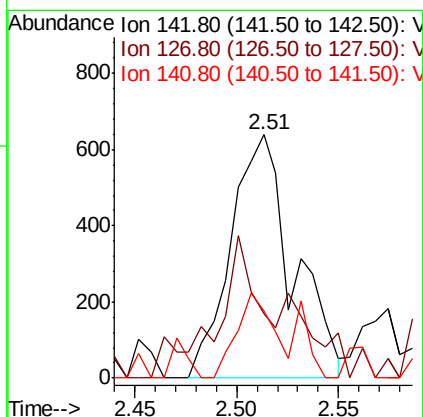
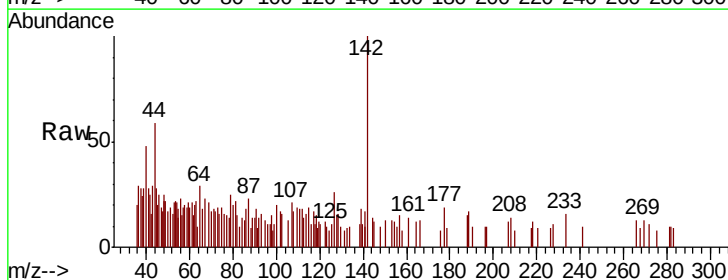
Tgt Ion: 142 Resp: 1358

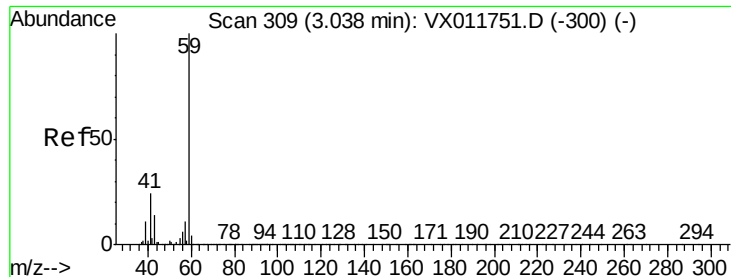
Ion Ratio Lower Upper

142 100

127 41.6 33.5 50.3

141 20.7 11.4 17.2#

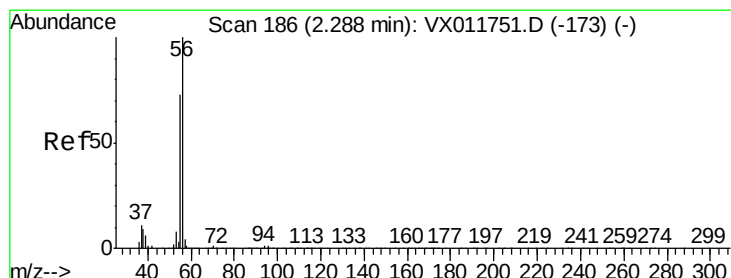
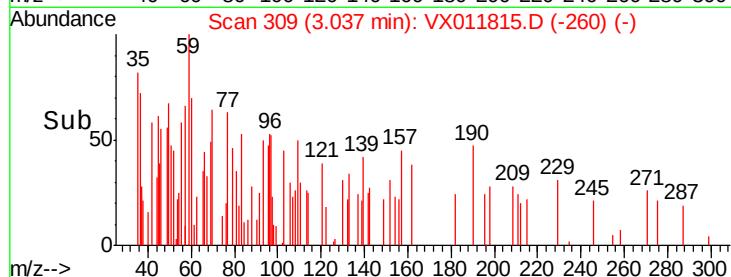
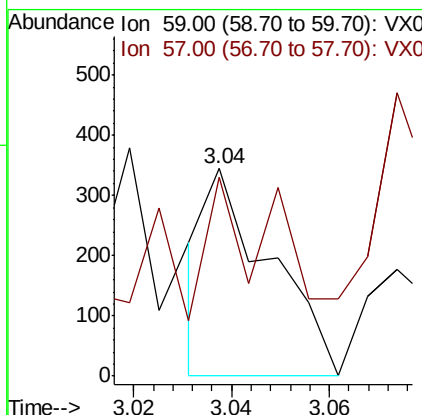
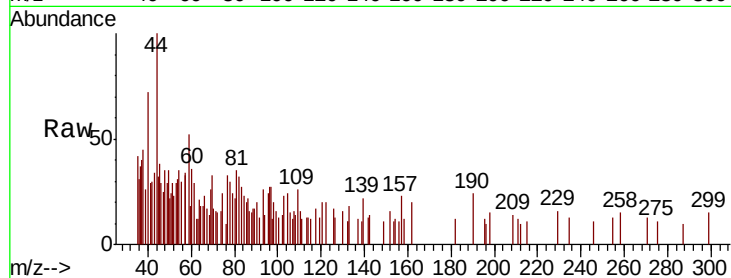




#11
Tert butyl alcohol
Concen: 0.328 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

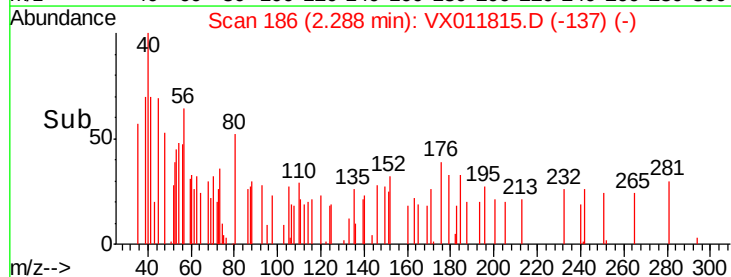
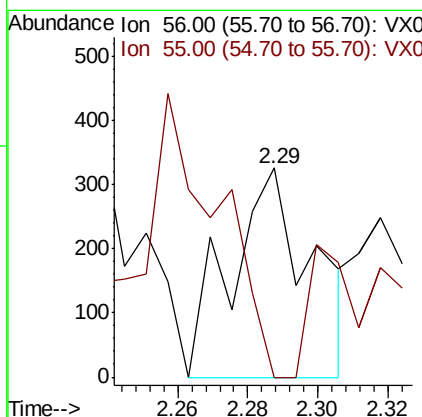
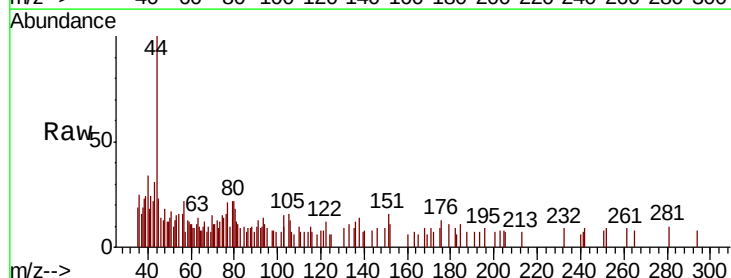
Instrument :
MSVOA_X
ClientSampled :
VX0824WBL01

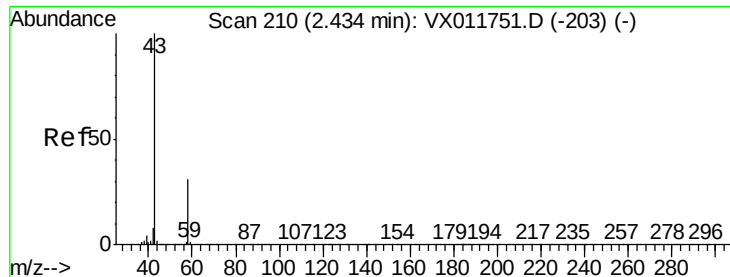
Tgt Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 69.6 8.4 12.6#



#13
Acrolein
Concen: 1.409 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

Tgt Ion: 56 Resp: 520
Ion Ratio Lower Upper
56 100
55 32.5 54.8 82.2#





#16

Acetone

Concen: 0.353 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

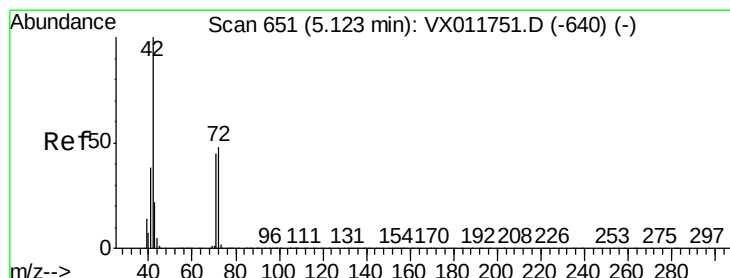
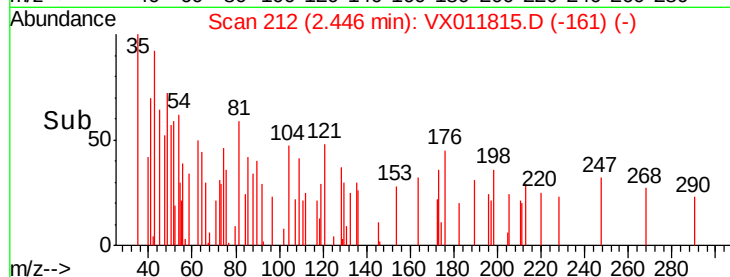
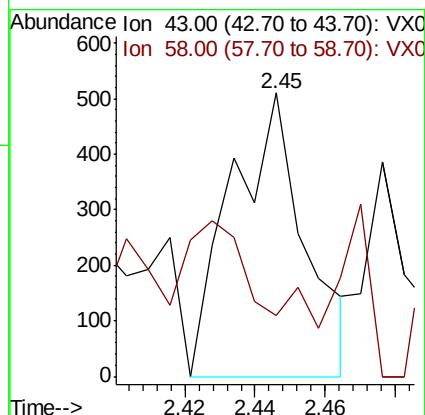
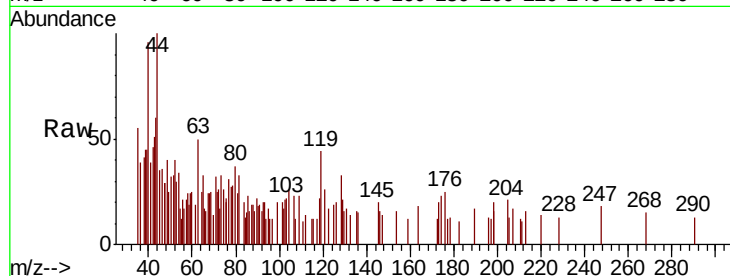
VX0824WBL01

Tgt Ion: 43 Resp: 743

Ion Ratio Lower Upper

43 100

58 3.3 24.4 36.6#



#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

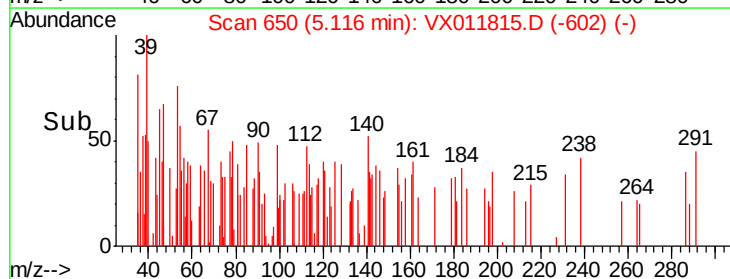
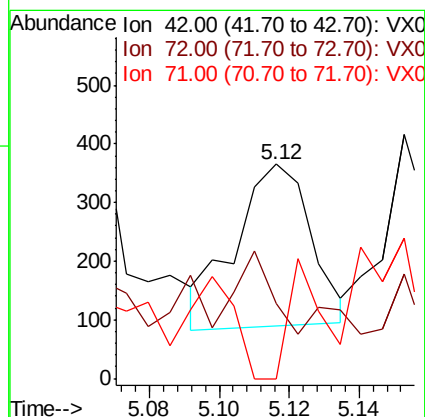
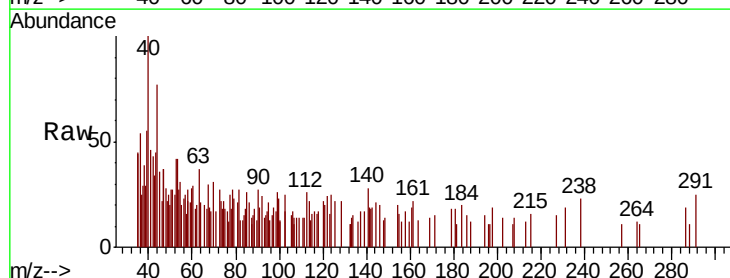
Tgt Ion: 42 Resp: 413

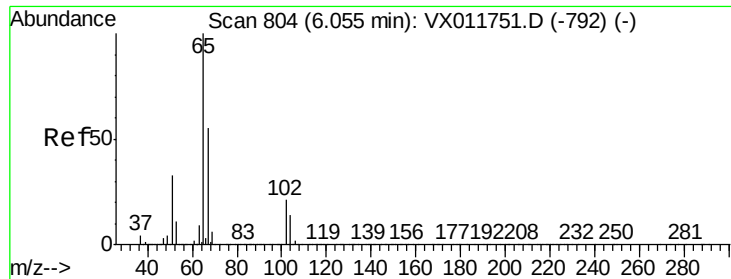
Ion Ratio Lower Upper

42 100

72 25.7 37.6 56.4#

71 33.7 34.6 51.8#

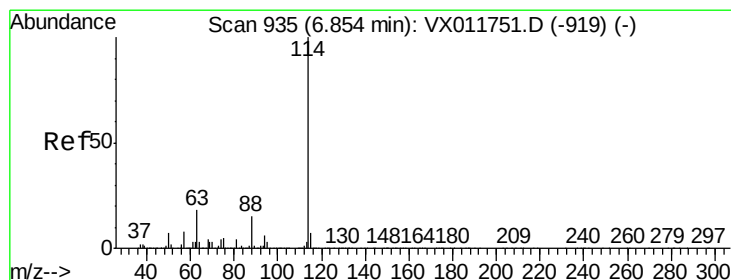
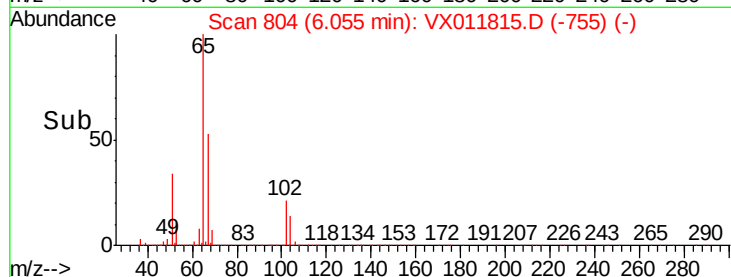
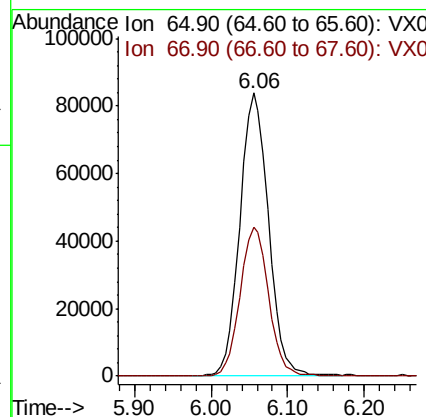
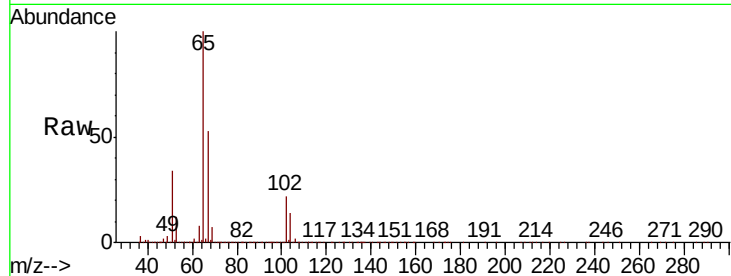




#33
 1,2-Dichloroethane-d4
 Concen: 44.790 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011815.D
 Acq: 24 Aug 2019 13:55

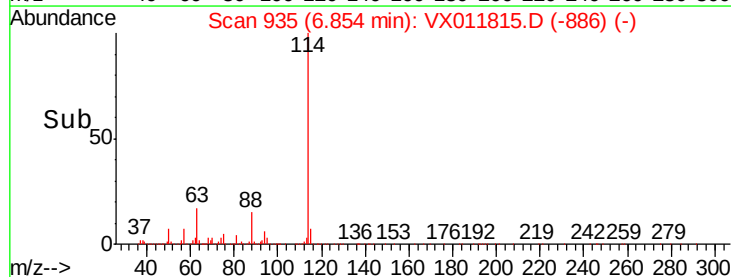
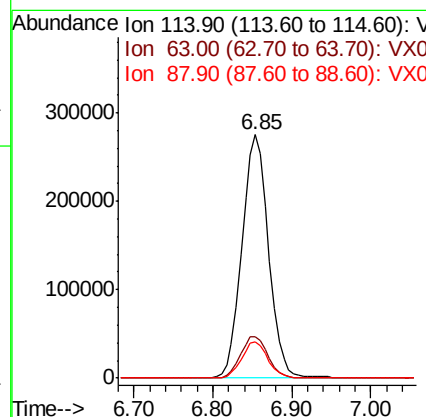
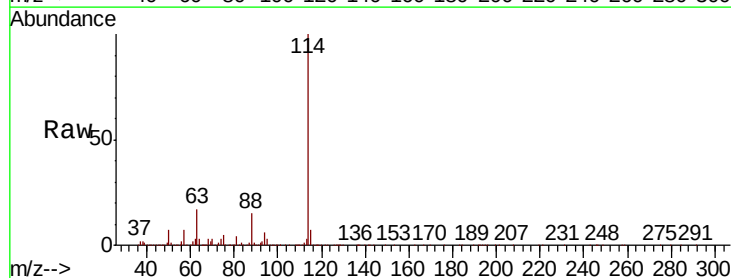
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBL01

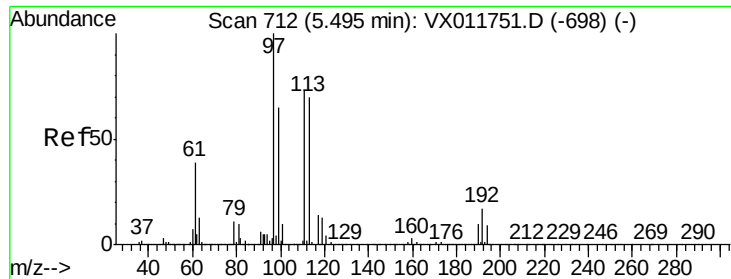
Tgt Ion: 65 Resp: 216468
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011815.D
 Acq: 24 Aug 2019 13:55

Tgt Ion: 114 Resp: 644278
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 36.8
 88 15.0 0.0 30.2

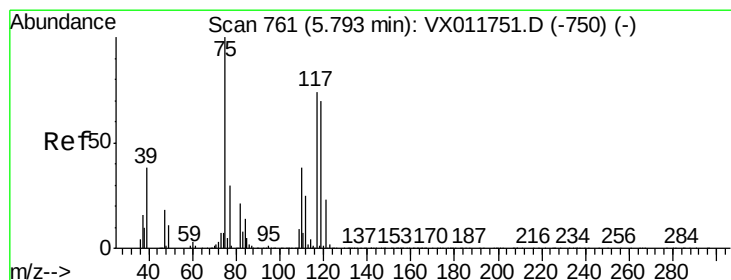
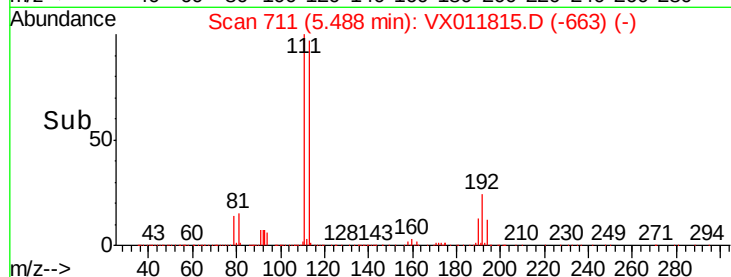
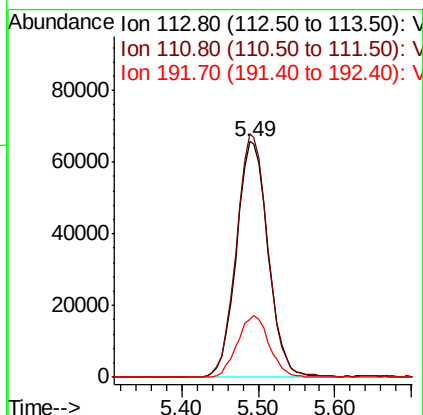
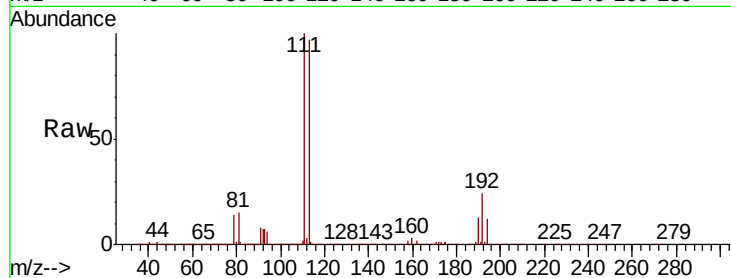




#35
 Dibromofluoromethane
 Concen: 45.151 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011815.D
 Acq: 24 Aug 2019 13:55

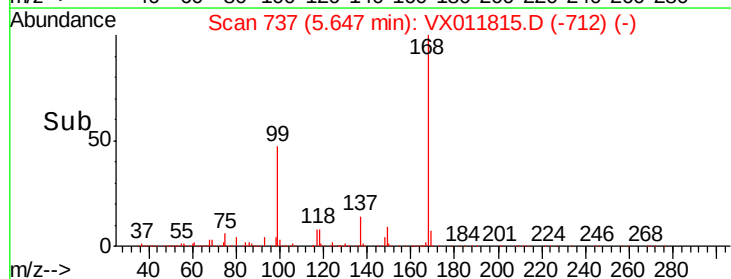
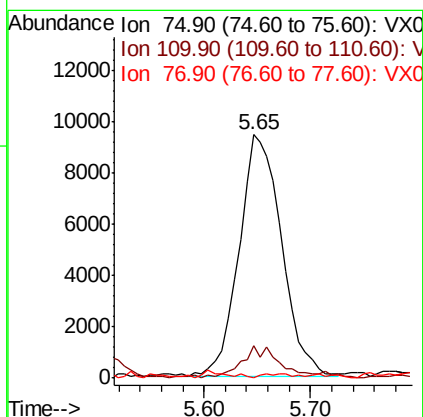
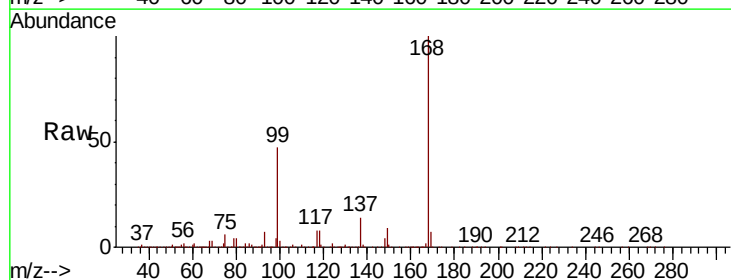
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBL01

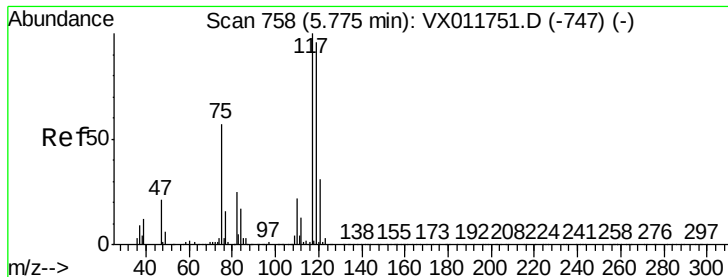
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	26.6	19.9	29.9



#36
 1,1-Dichloropropene
 Concen: 5.200 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011815.D
 Acq: 24 Aug 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.0	19.0	57.0#
77	1.3	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.977 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.12 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBL01

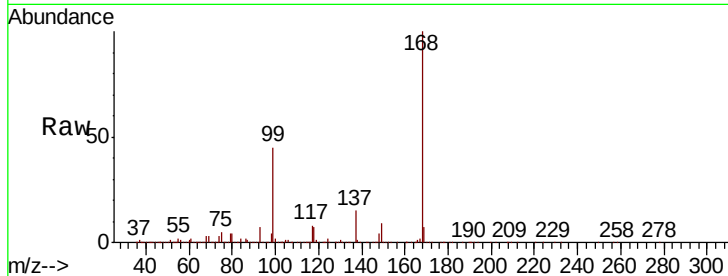
Tgt Ion: 117 Resp: 39950

Ion Ratio Lower Upper

117 100

119 6.3 76.6 114.8#

121 0.0 25.2 37.8#

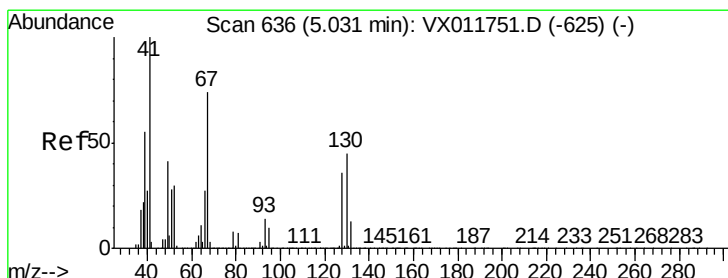
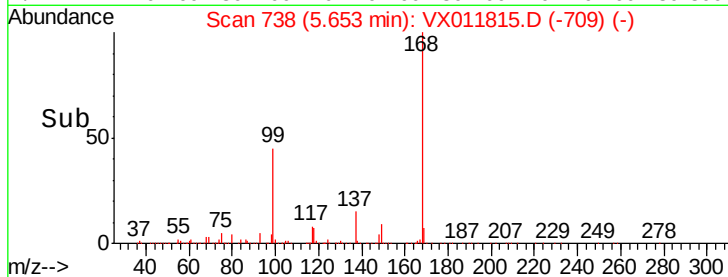
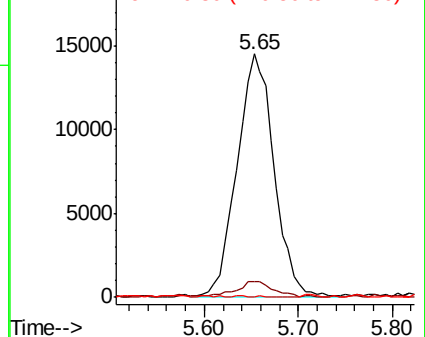


Abundance

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



#41

Methacrylonitrile

Concen: 0.221 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

Tgt Ion: 41 Resp: 686

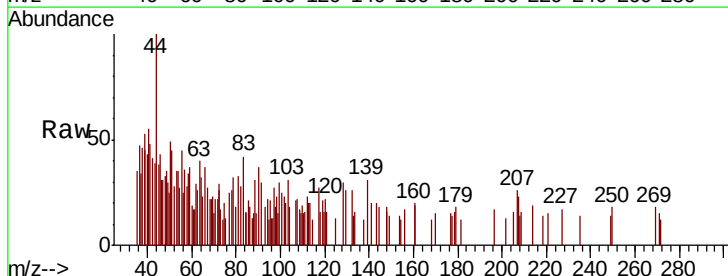
Ion Ratio Lower Upper

41 100

39 50.1 44.3 66.5

67 43.0 60.3 90.5#

52 40.5 24.0 36.0#



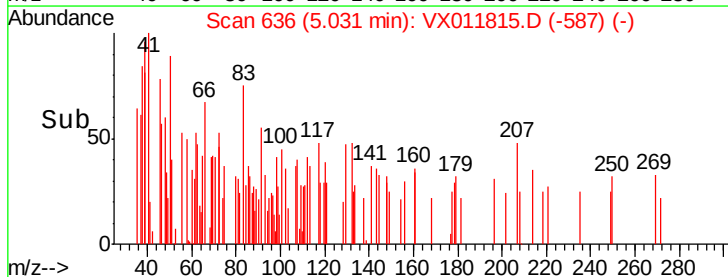
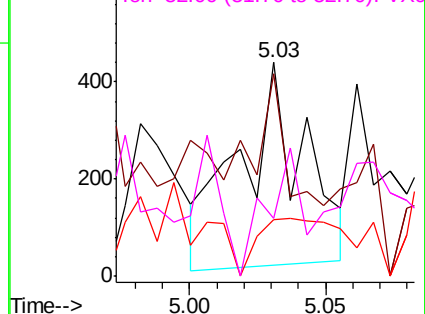
Abundance

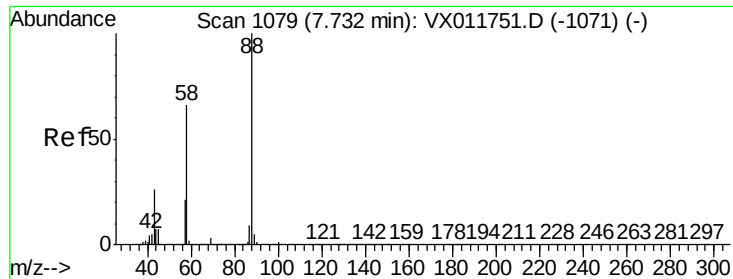
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

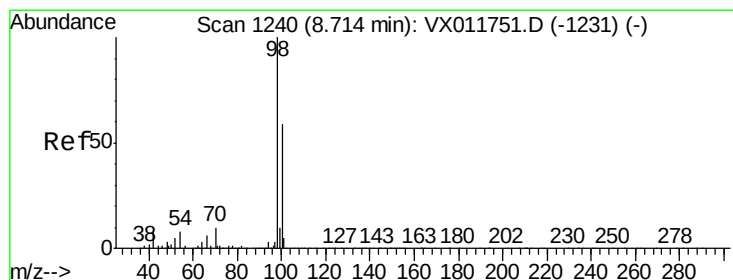
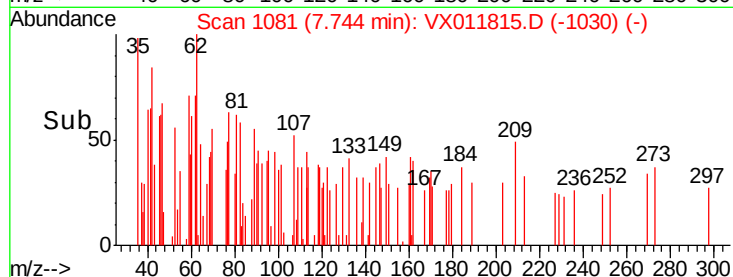
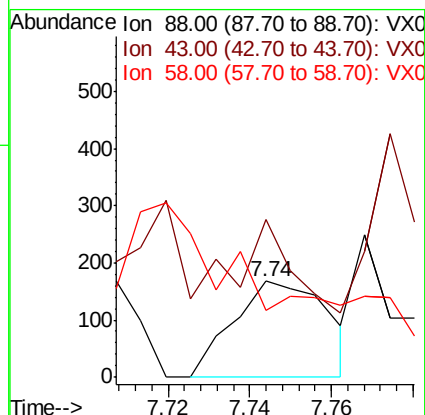
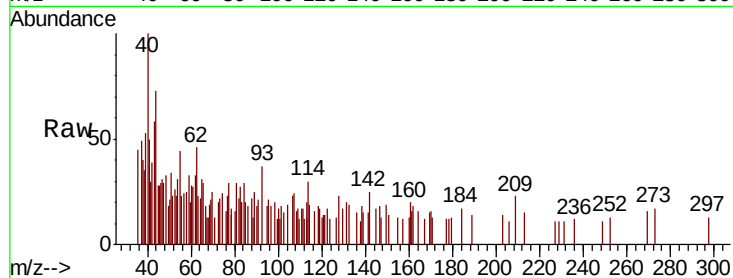




#49
1,4-Dioxane
Concen: 2.246 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

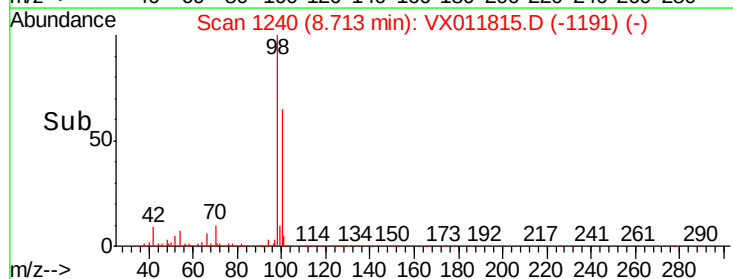
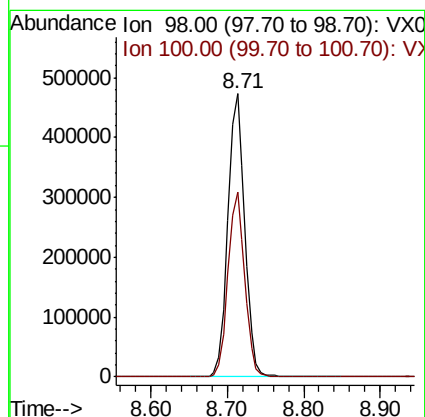
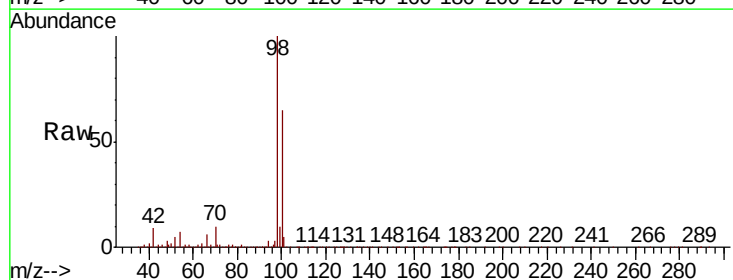
Instrument :
MSVOA_X
ClientSampled :
VX0824WBL01

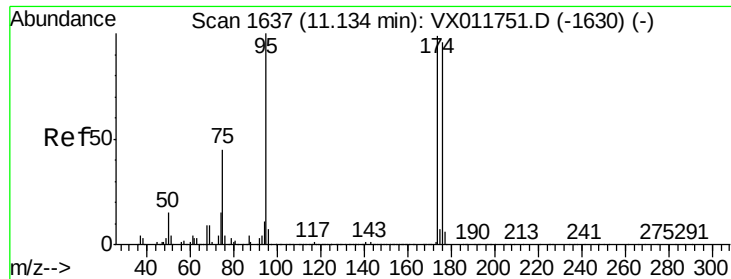
Tgt Ion: 88 Resp: 268
Ion Ratio Lower Upper
88 100
43 37.3 24.6 37.0#
58 0.0 51.4 77.2#



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

Tgt Ion: 98 Resp: 720795
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

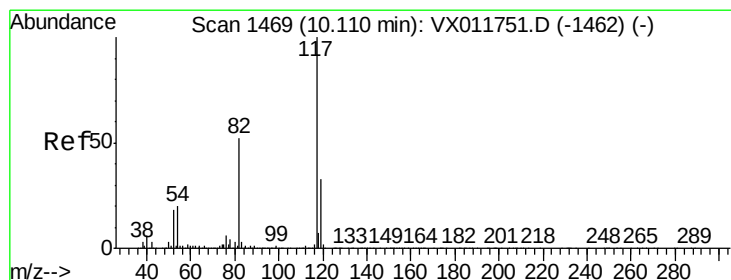
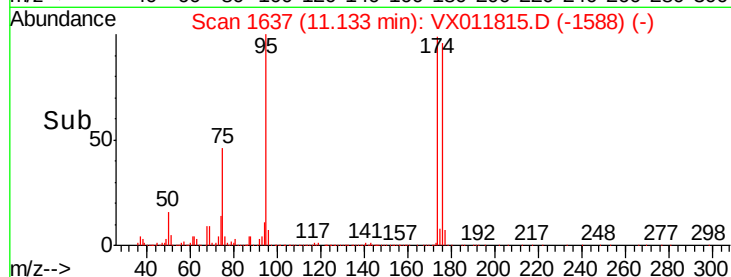
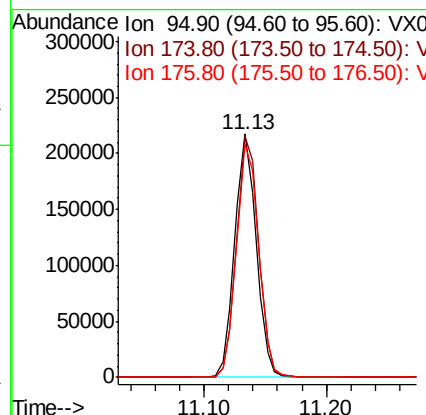
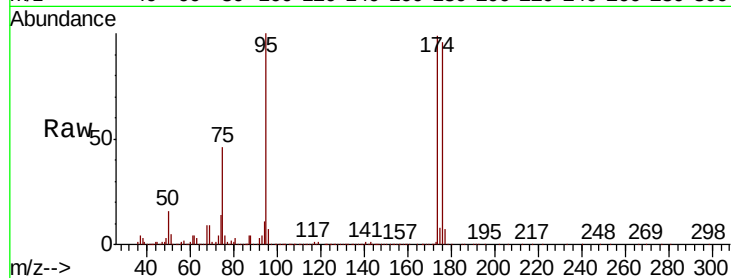




#62
4-Bromofluorobenzene
Concen: 45.598 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

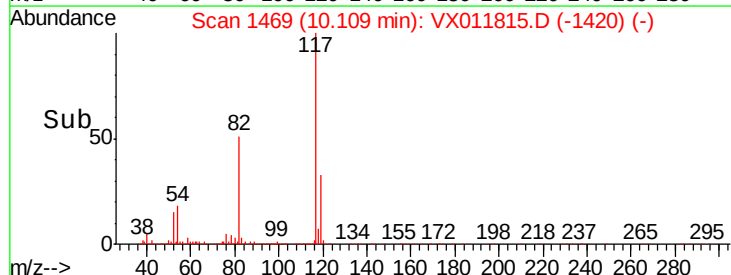
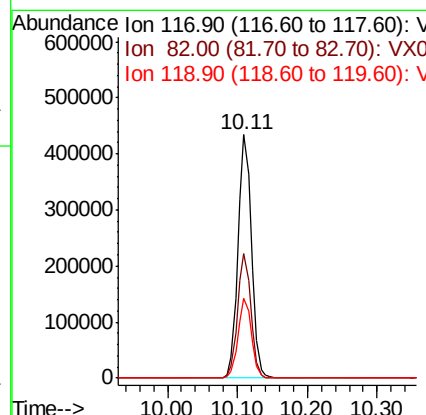
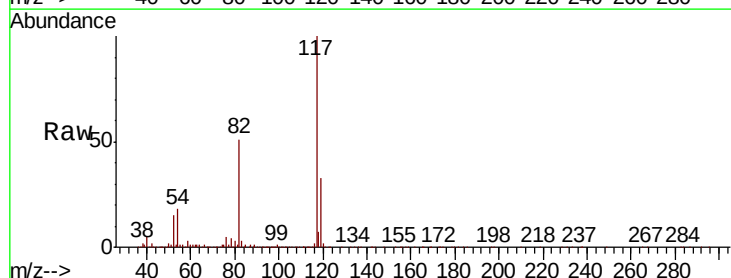
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

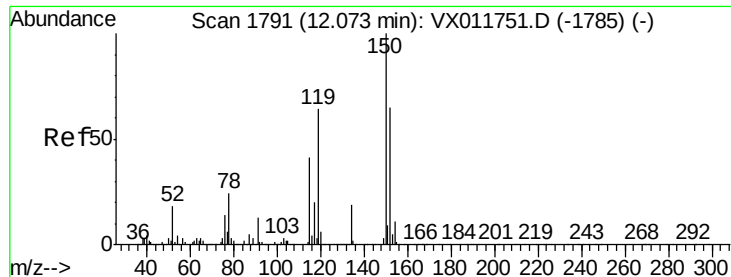
Tgt Ion	Ratio	Lower	Upper
95	100		
174	102.4	0.0	197.4
176	99.3	0.0	194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.7	62.5
119	32.6	26.2	39.2



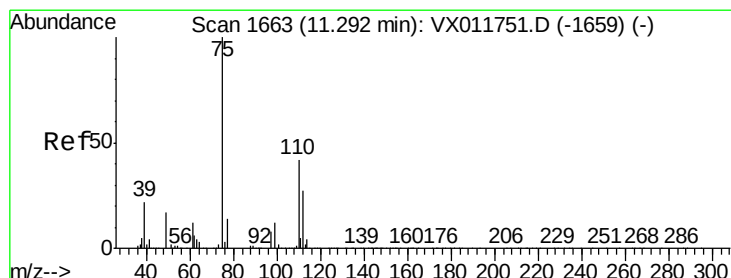
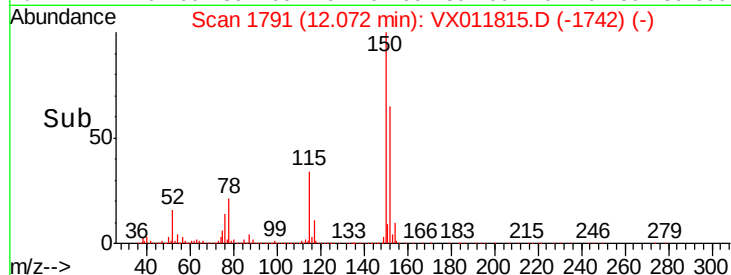
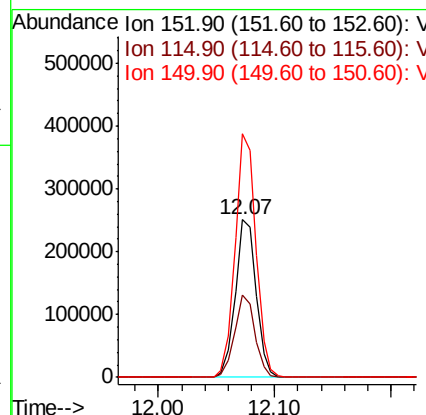
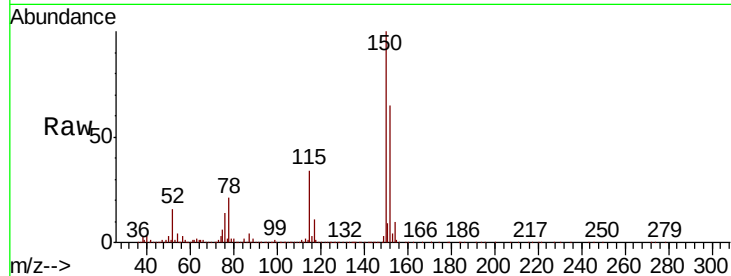


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

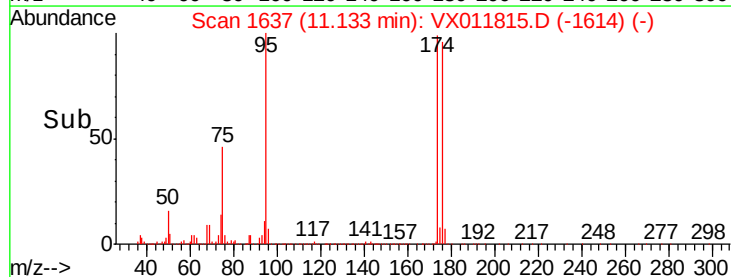
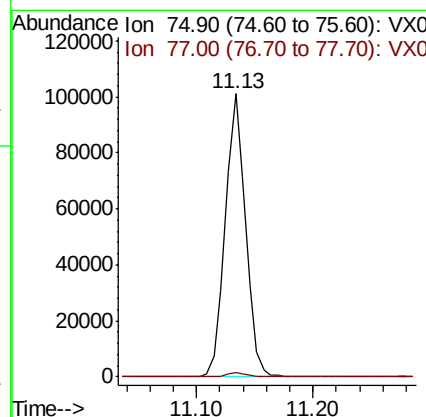
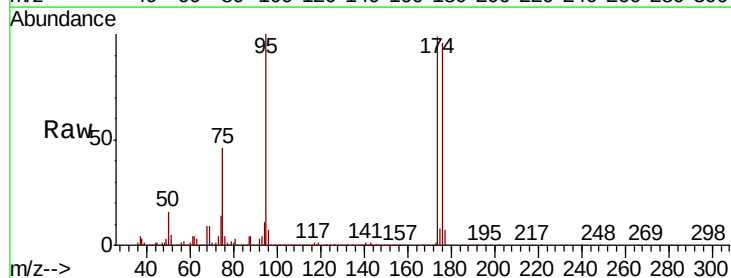
Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.0	37.3	111.8
150	153.8	0.0	343.0

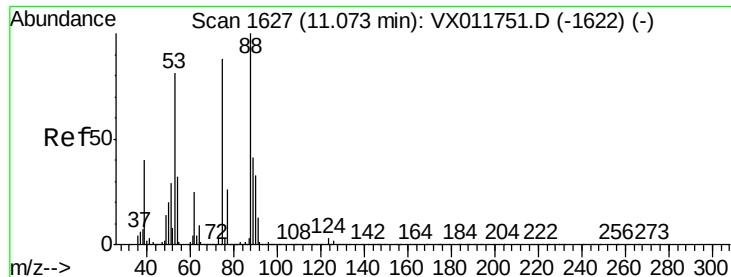


#76

1,2,3-Trichloropropane
Concen: 22.081 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011815.D
Acq: 24 Aug 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.1	63.3





#81

trans-1,4-Dichloro-2-butene

Concen: 66.592 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011815.D

Acq: 24 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0824WBL01

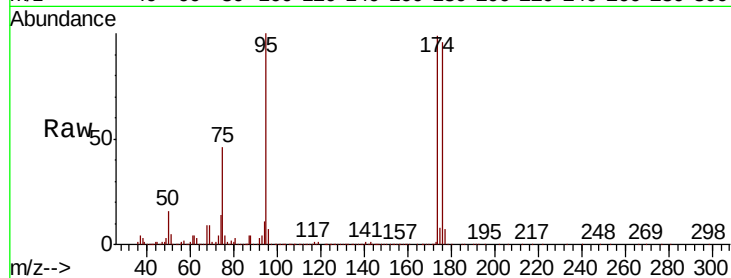
Tgt Ion: 75 Resp: 121495

Ion Ratio Lower Upper

75 100

53 0.2 77.1 115.7#

89 0.4 38.5 57.7#



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

