

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
 Data File : VX011786.D
 Acq On : 23 Aug 2019 10:25
 Operator : JC/SP
 Sample : VX0823MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBL01

Quant Time: Aug 26 01:47:54 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	438831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268632	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	213320	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
35) Dibromofluoromethane	5.49	113	188230	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	677219	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	231771	42.98	ug/l	0.00
Spiked Amount			Recovery	=	85.96%	

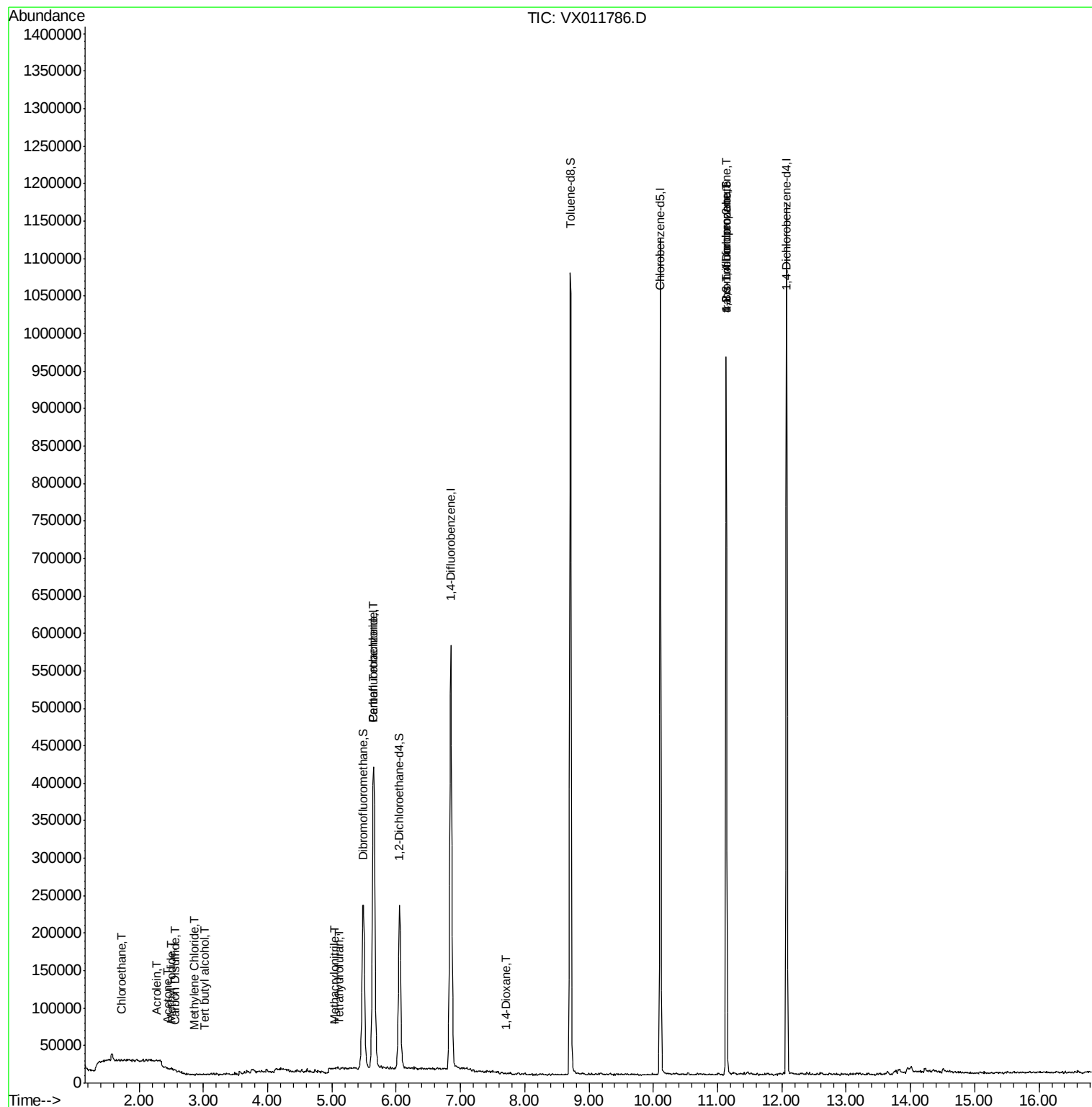
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	775	0.369	ug/l #	24
10) Methyl Iodide	2.50	142	1064	0.246	ug/l	93
11) Tert butyl alcohol	3.02	59	260	0.298	ug/l #	1
13) Acrolein	2.27	56	157	0.466	ug/l #	1
16) Acetone	2.44	43	1071	0.558	ug/l	94
17) Carbon Disulfide	2.56	76	2257	0.259	ug/l #	75
20) Methylene Chloride	2.85	84	815	0.208	ug/l #	48
29) Tetrahydrofuran	5.12	42	665	0.377	ug/l #	89
38) Carbon Tetrachloride	5.65	117	36979	6.879	ug/l #	16
41) Methacrylonitrile	5.03	41	773	0.265	ug/l #	44
49) 1,4-Dioxane	7.72	88	139	1.241	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	102997	21.851	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	102997	65.898	ug/l #	11

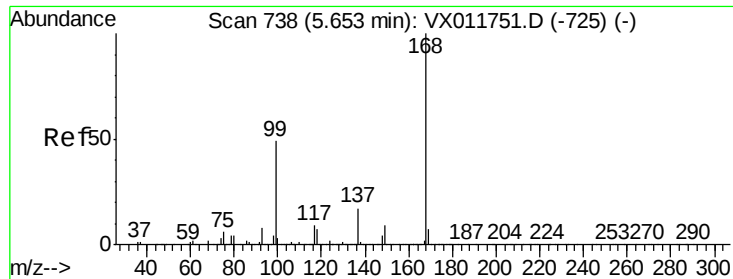
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
Data File : VX011786.D
Acq On : 23 Aug 2019 10:25
Operator : JC/SP
Sample : VX0823MBL01
Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

Quant Time: Aug 26 01:47:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

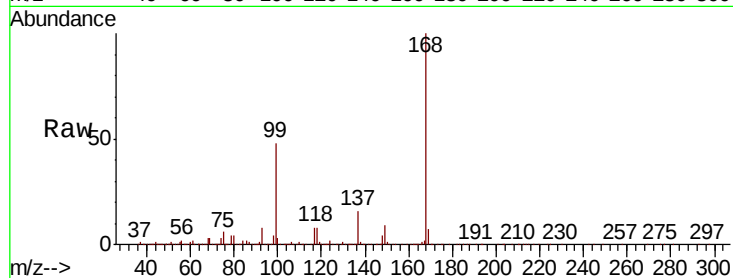
VX0823MBL01

Tgt Ion:168 Resp: 438831

Ion Ratio Lower Upper

168 100

99 47.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

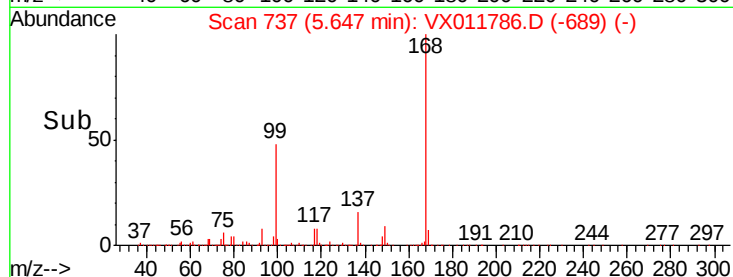
150000

100000

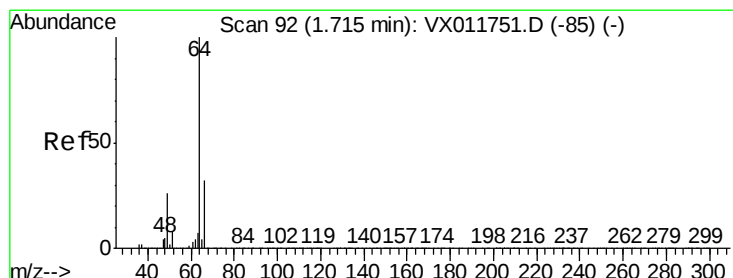
50000

0

5.50 5.60 5.70 5.80



Time-->



#6

Chloroethane

Concen: 0.369 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX011786.D

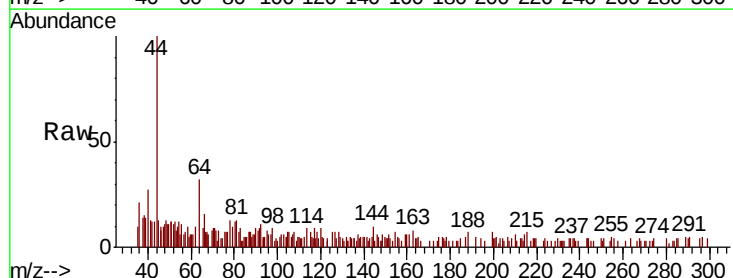
Acq: 23 Aug 2019 10:25

Tgt Ion: 64 Resp: 775

Ion Ratio Lower Upper

64 100

66 72.7 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

800

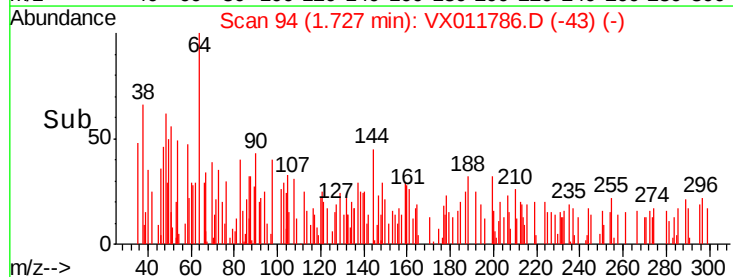
600

400

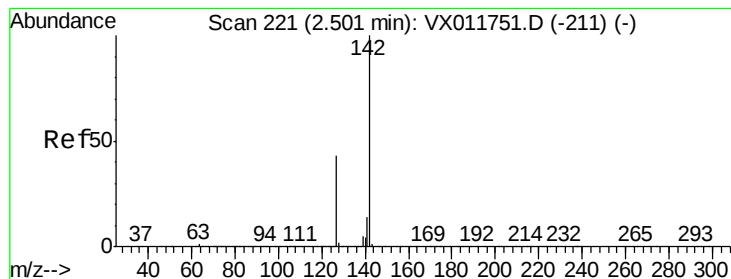
200

0

1.70 1.75



Time-->



#10

Methyl Iodide

Concen: 0.246 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBL01

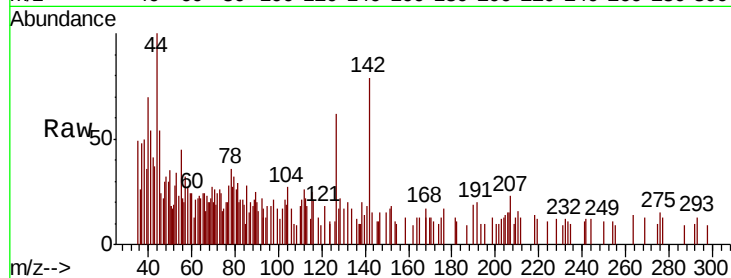
Tgt Ion: 142 Resp: 1064

Ion Ratio Lower Upper

142 100

127 36.6 33.5 50.3

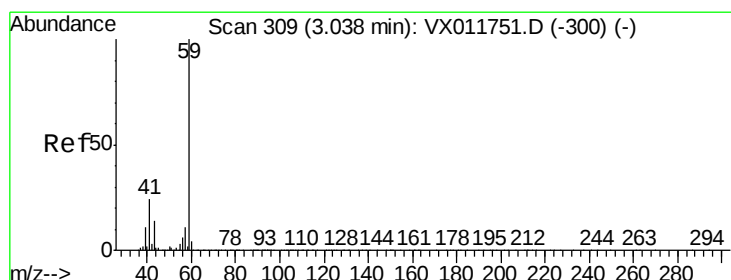
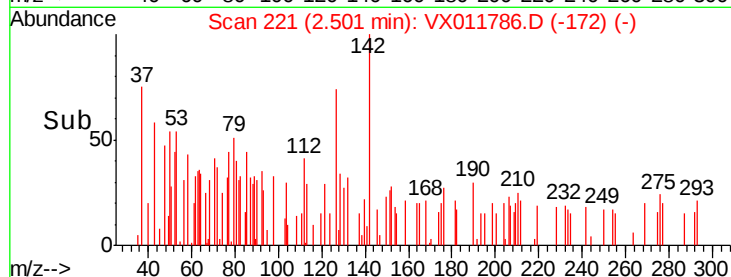
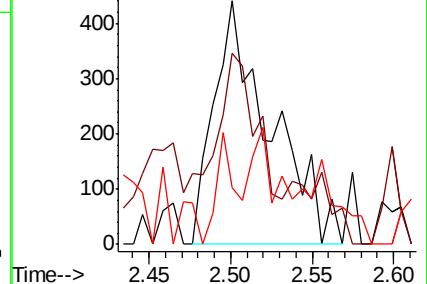
141 15.1 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.298 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.02 min

Lab File: VX011786.D

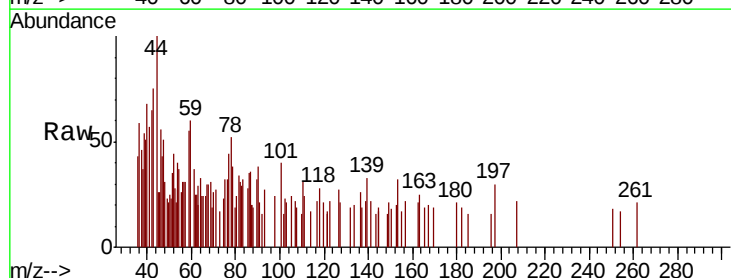
Acq: 23 Aug 2019 10:25

Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

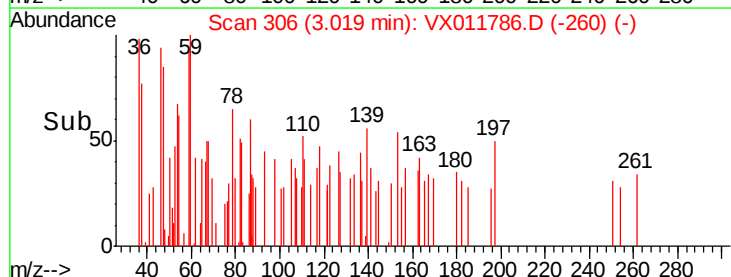
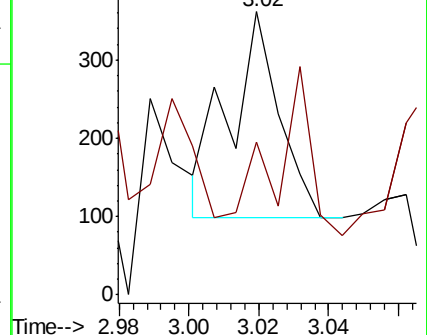
59 100

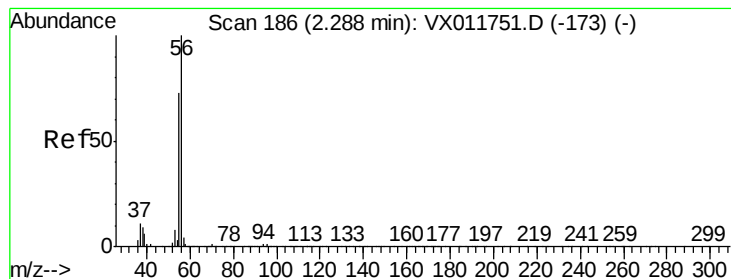
57 109.6 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.466 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

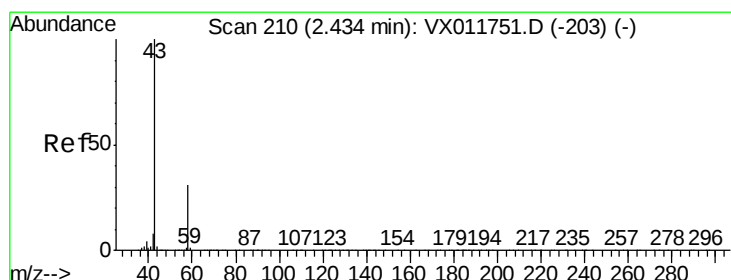
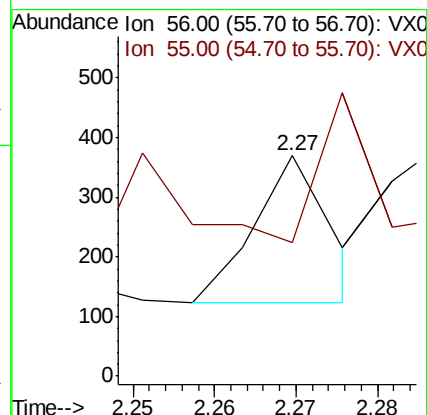
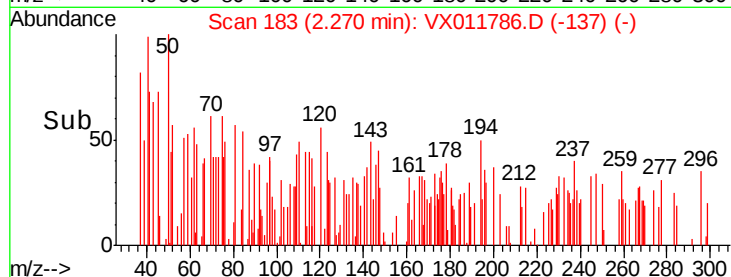
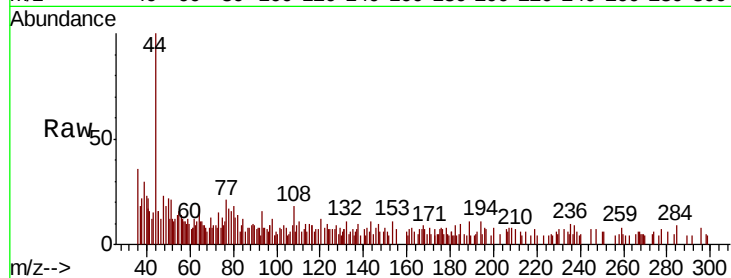
VX0823MBL01

Tgt Ion: 56 Resp: 157

Ion Ratio Lower Upper

56 100

55 170.7 54.8 82.2#



#16

Acetone

Concen: 0.558 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011786.D

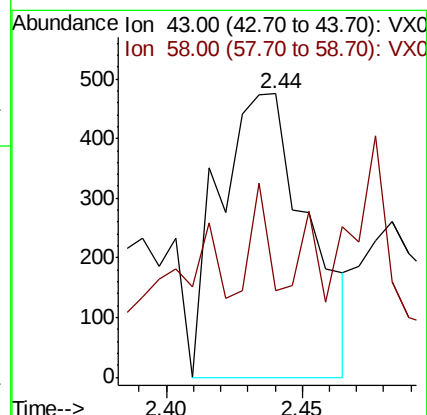
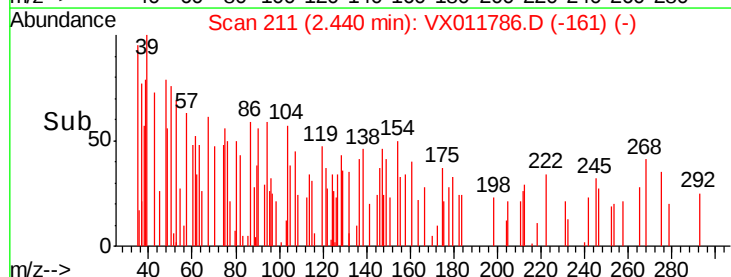
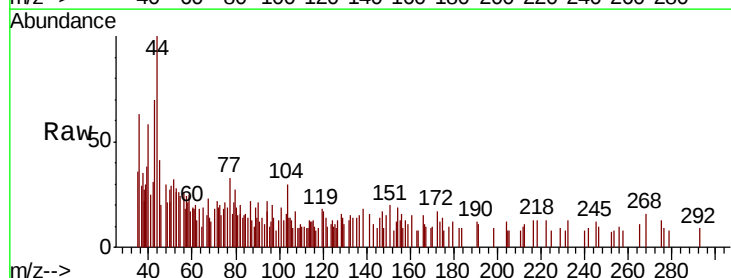
Acq: 23 Aug 2019 10:25

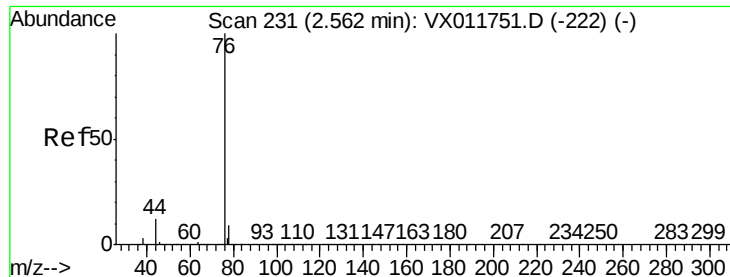
Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

43 100

58 33.9 24.4 36.6





#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

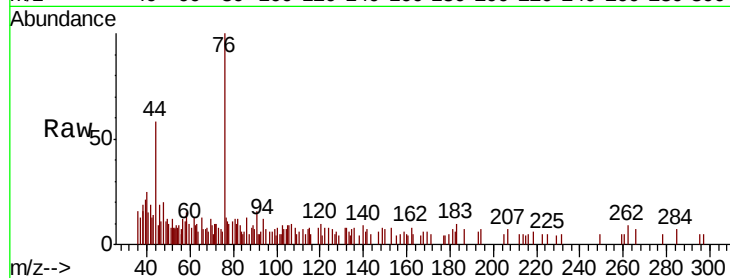
VX0823MBL01

Tgt Ion: 76 Resp: 2257

Ion Ratio Lower Upper

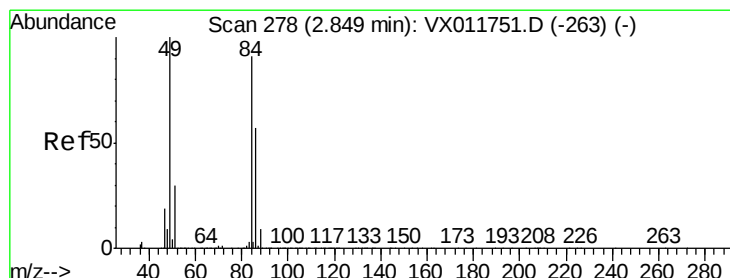
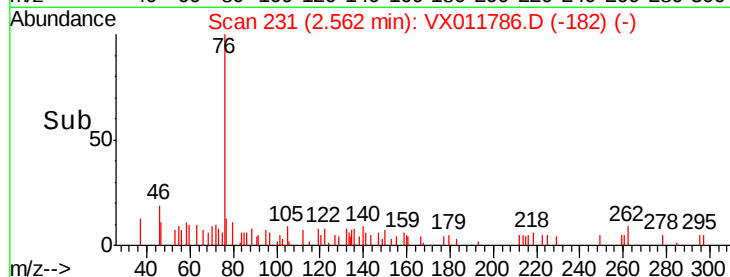
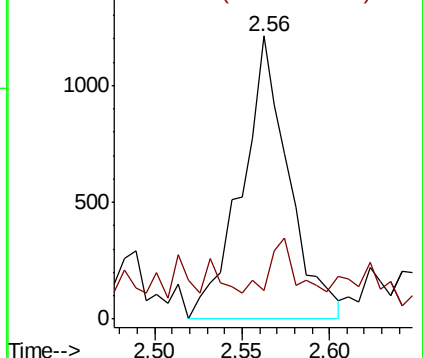
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 0.208 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Tgt Ion: 84 Resp: 815

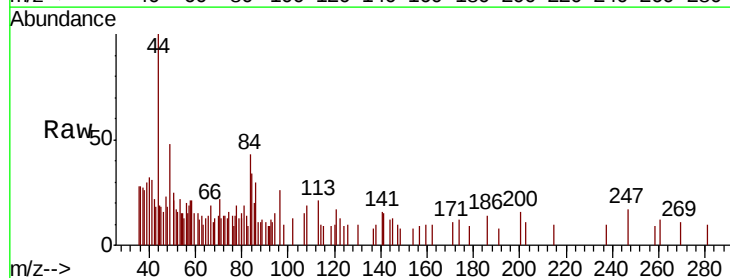
Ion Ratio Lower Upper

84 100

49 40.7 88.3 132.5#

51 39.8 26.2 39.2#

86 27.1 50.6 76.0#

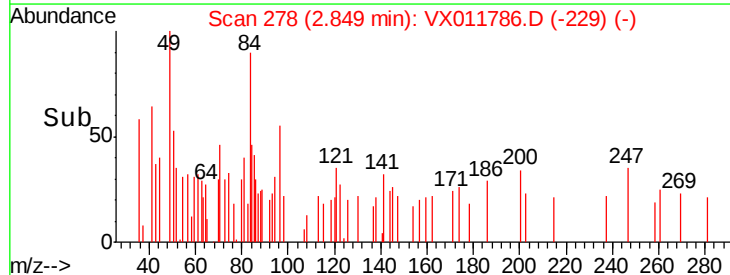
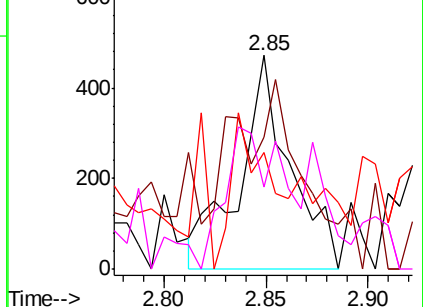


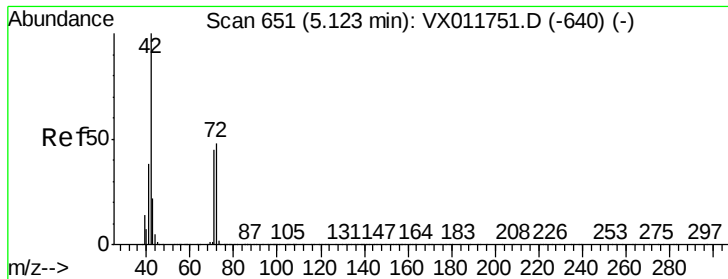
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#29

Tetrahydrofuran

Concen: 0.377 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

VX0823MBL01

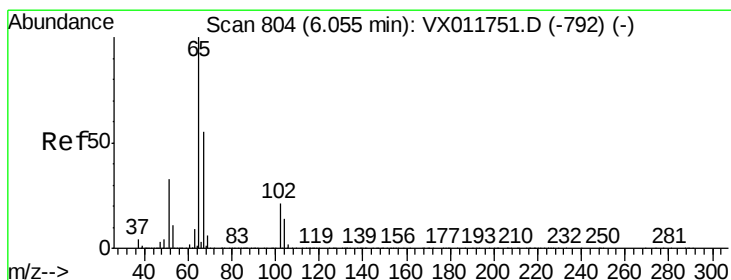
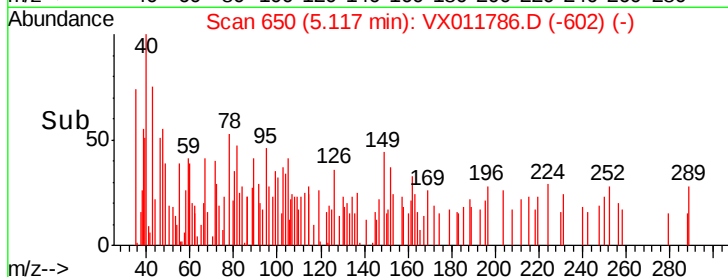
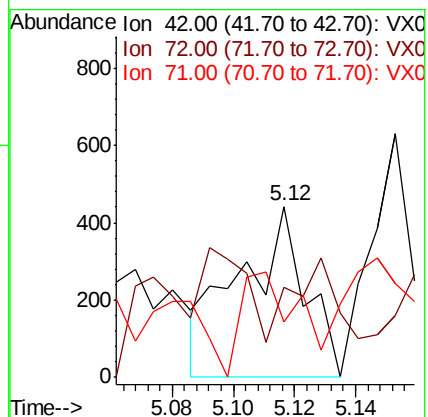
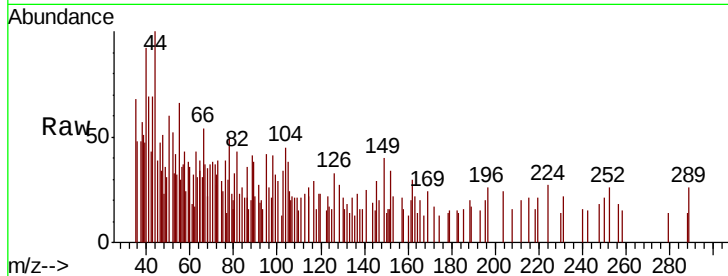
Tgt Ion: 42 Resp: 665

Ion Ratio Lower Upper

42 100

72 42.9 37.6 56.4

71 52.9 34.6 51.8#



#33

1,2-Dichloroethane-d4

Concen: 48.390 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011786.D

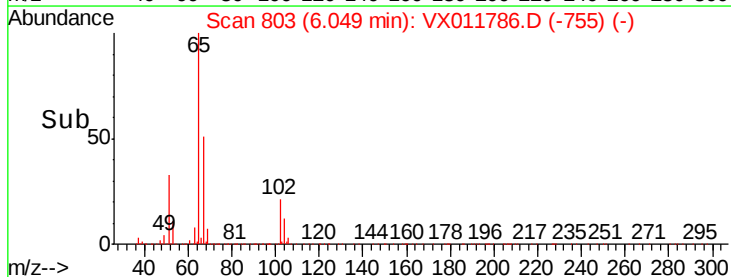
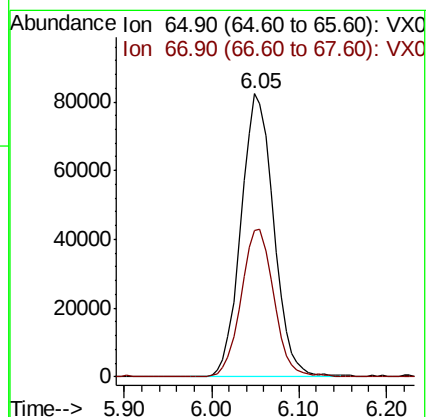
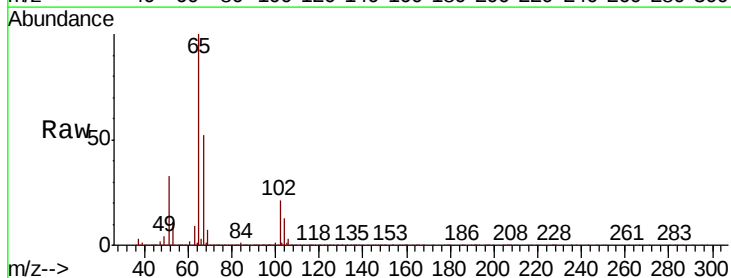
Acq: 23 Aug 2019 10:25

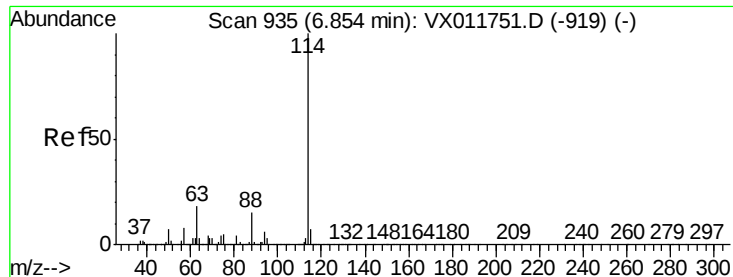
Tgt Ion: 65 Resp: 213320

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

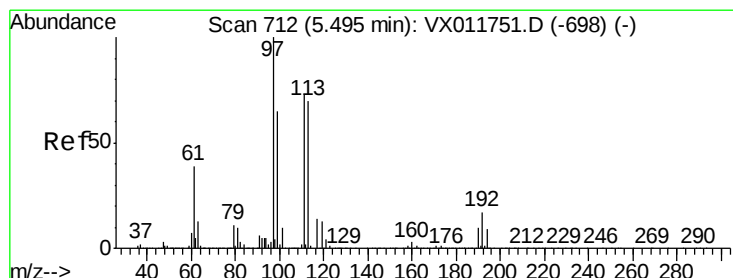
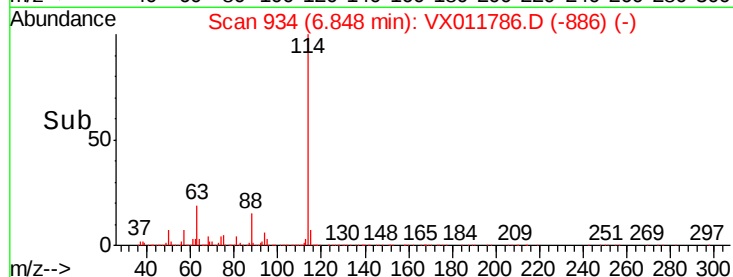
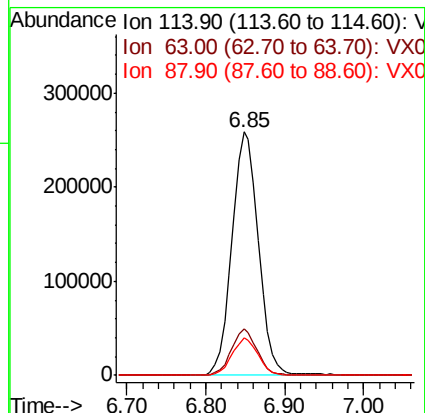
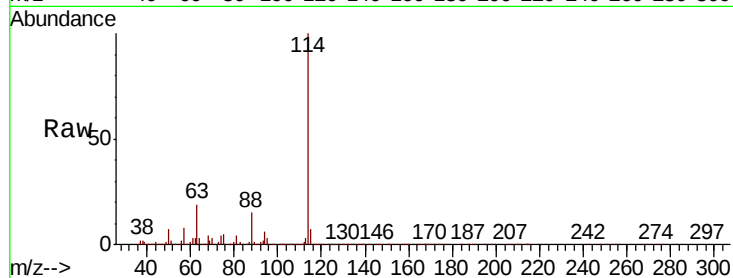
Instrument :

MSVOA_X

ClientSampleId :

VX0823MBL01

Tgt Ion:	114	Resp:	604906
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.8
88	15.2	0.0	30.2



#35

Dibromofluoromethane

Concen: 48.121 ug/l

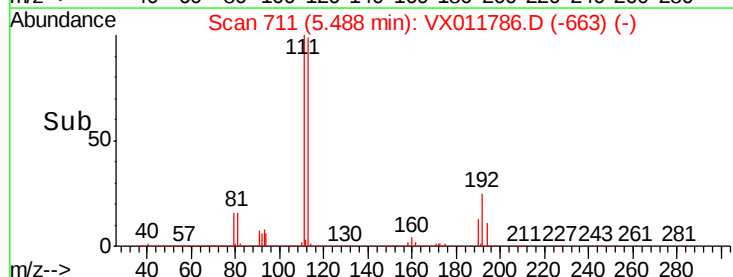
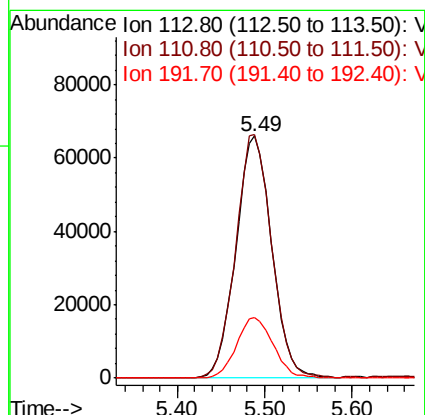
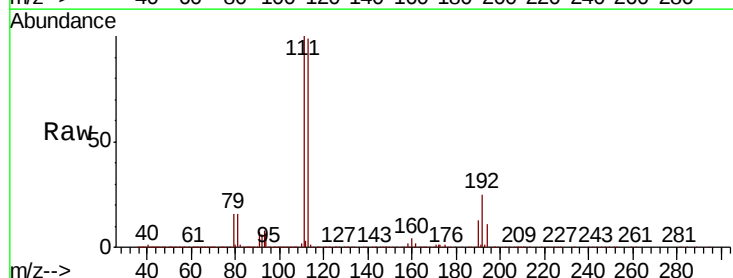
RT: 5.49 min Scan# 711

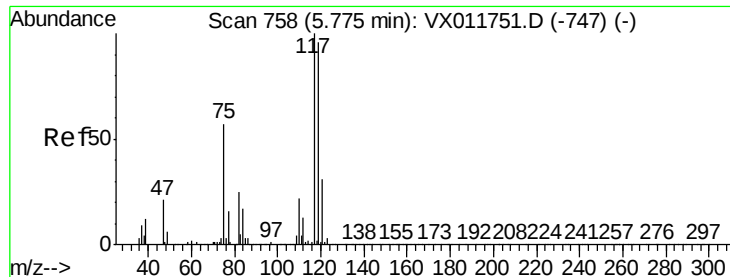
Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Tgt Ion:	113	Resp:	188230
Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.0	121.4
192	25.8	19.9	29.9





#38

Carbon Tetrachloride

Concen: 6.879 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.12 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

VX0823MBL01

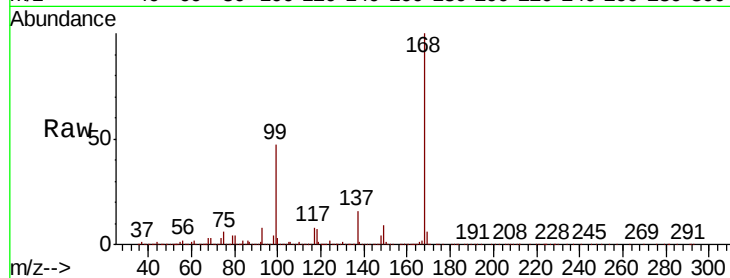
Tgt Ion: 117 Resp: 36979

Ion Ratio Lower Upper

117 100

119 5.1 76.6 114.8#

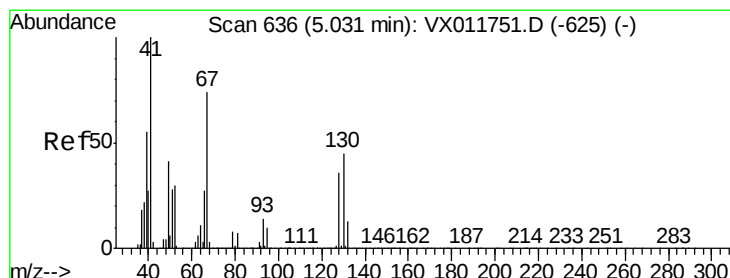
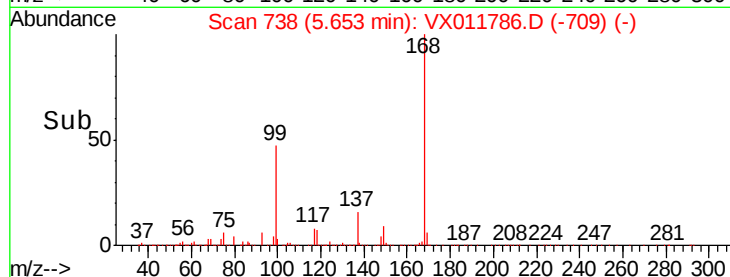
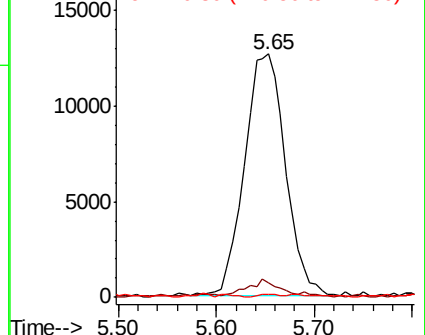
121 1.0 25.2 37.8#



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: 0.265 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Tgt Ion: 41 Resp: 773

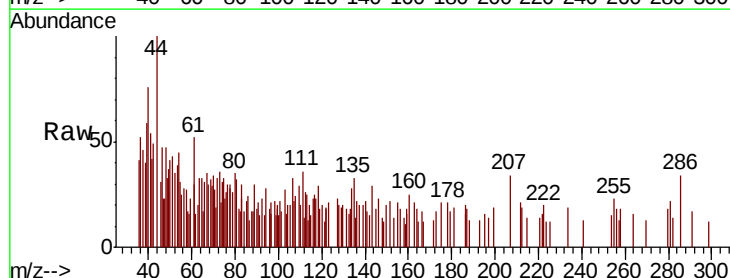
Ion Ratio Lower Upper

41 100

39 0.0 44.3 66.5#

67 39.8 60.3 90.5#

52 0.0 24.0 36.0#

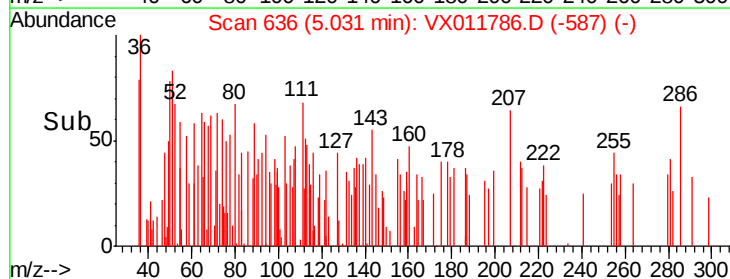
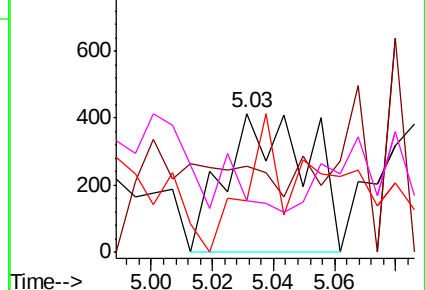


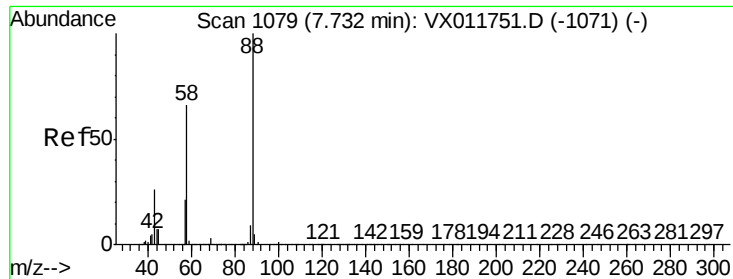
Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.241 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

VX0823MBL01

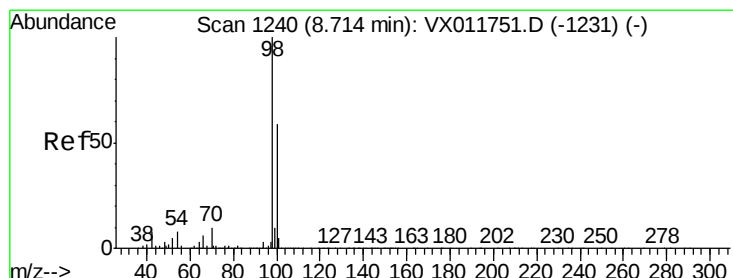
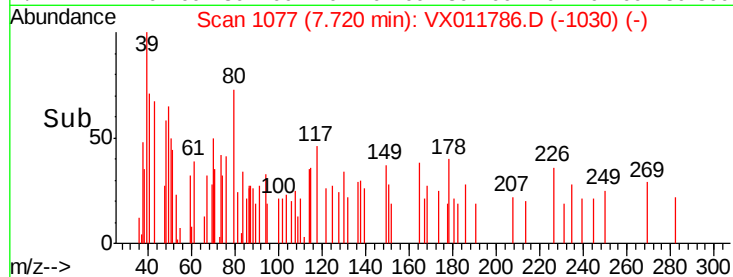
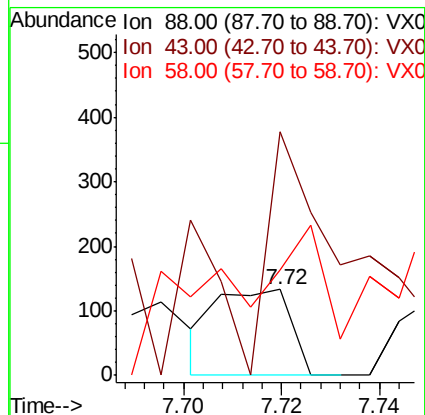
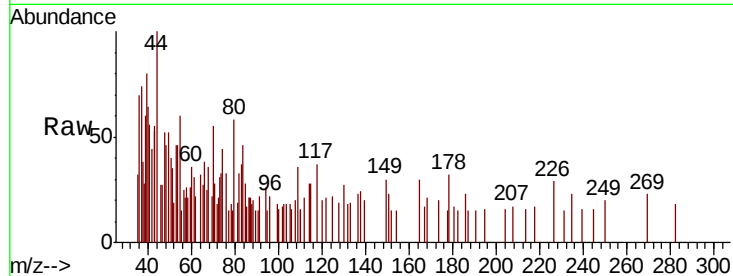
Tgt Ion: 88 Resp: 139

Ion Ratio Lower Upper

88 100

43 428.1 24.6 37.0#

58 264.7 51.4 77.2#



#50

Toluene-d8

Concen: 49.636 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011786.D

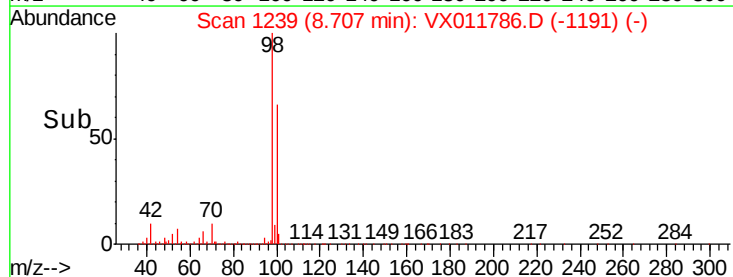
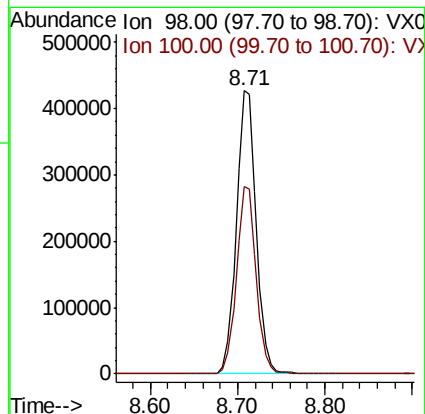
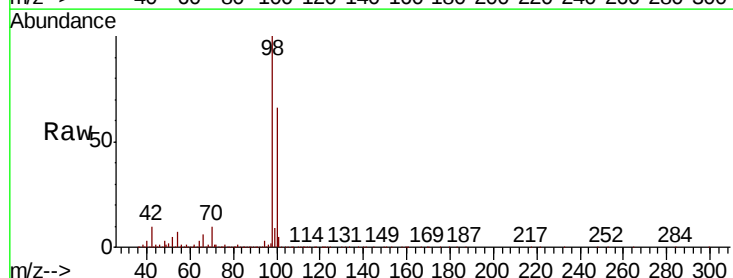
Acq: 23 Aug 2019 10:25

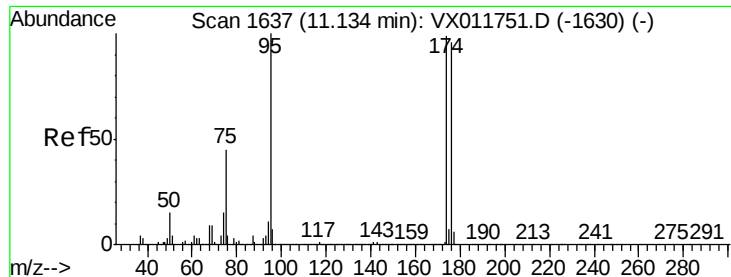
Tgt Ion: 98 Resp: 677219

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 42.978 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBL01

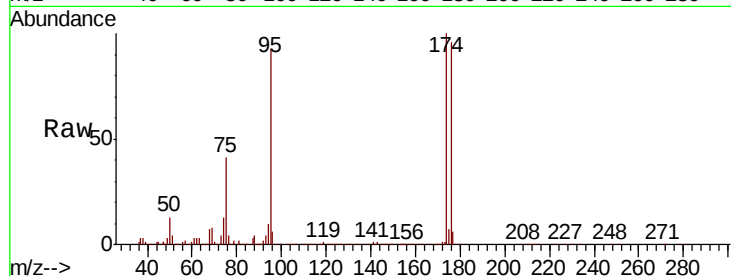
Tgt Ion: 95 Resp: 231771

Ion Ratio Lower Upper

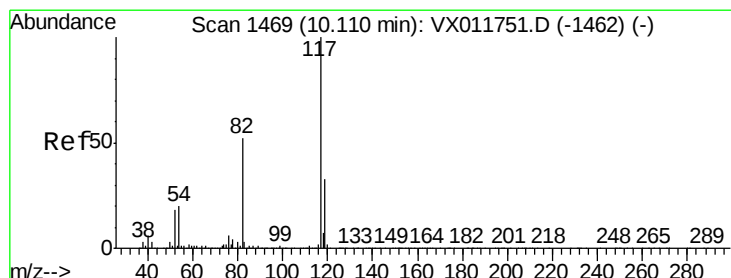
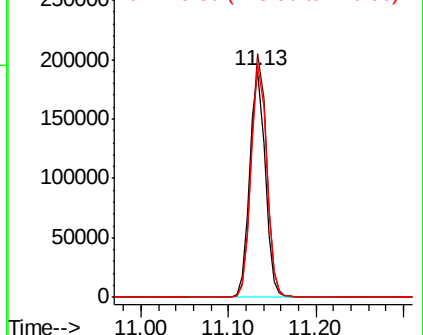
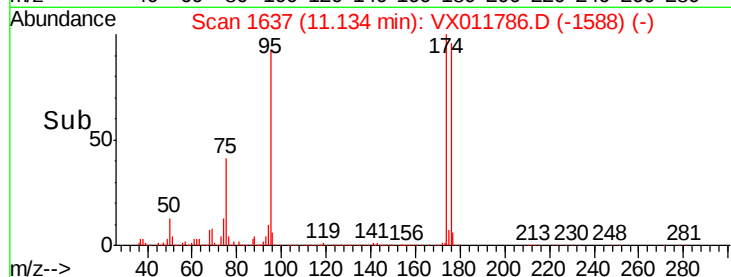
95 100

174 108.2 0.0 197.4

176 103.8 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX011786.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

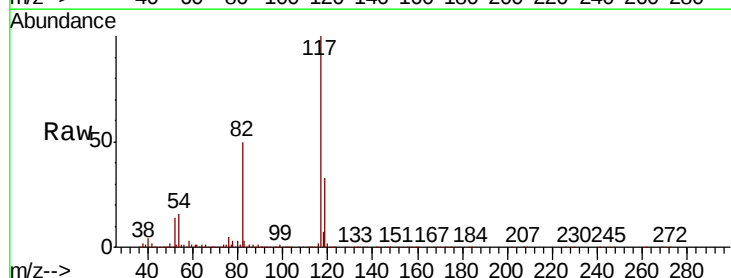
Tgt Ion: 117 Resp: 543354

Ion Ratio Lower Upper

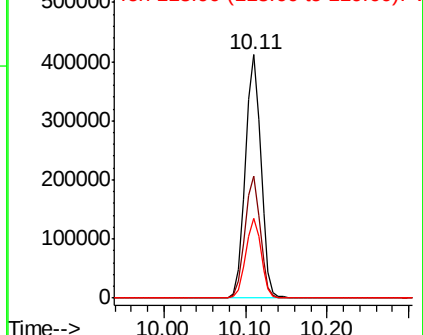
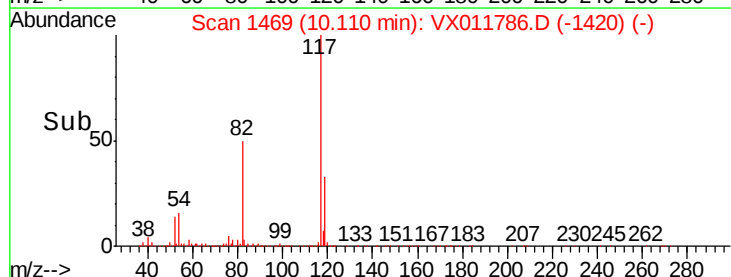
117 100

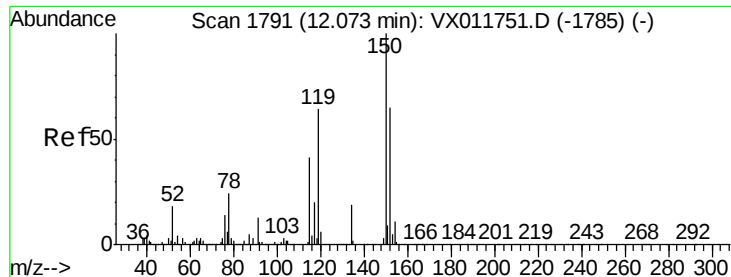
82 50.0 41.7 62.5

119 32.8 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VX011786.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBL01

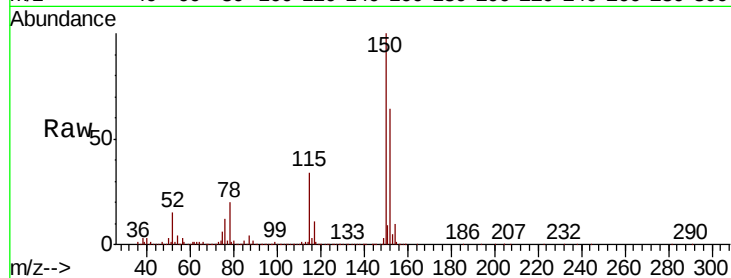
Tgt Ion: 152 Resp: 268632

Ion Ratio Lower Upper

152 100

115 51.2 37.3 111.8

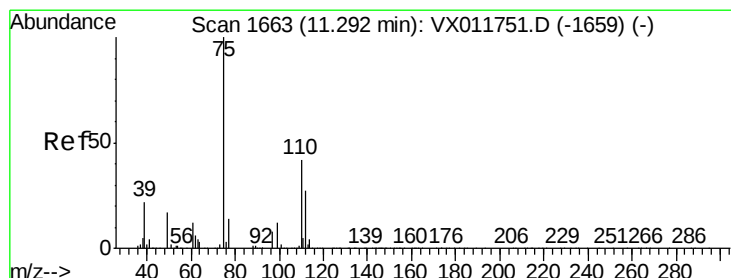
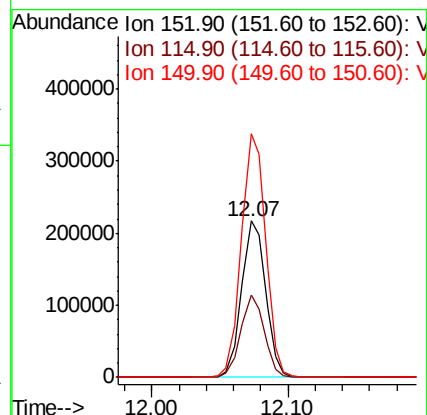
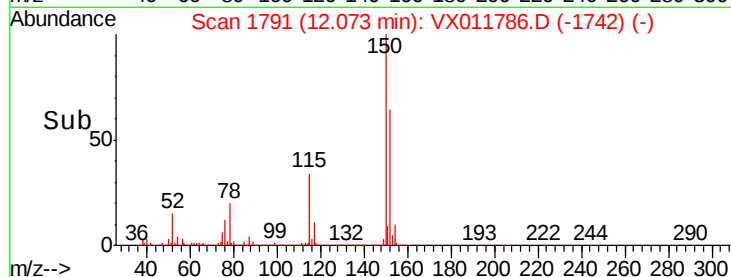
150 156.6 0.0 343.0



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: 21.851 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011786.D

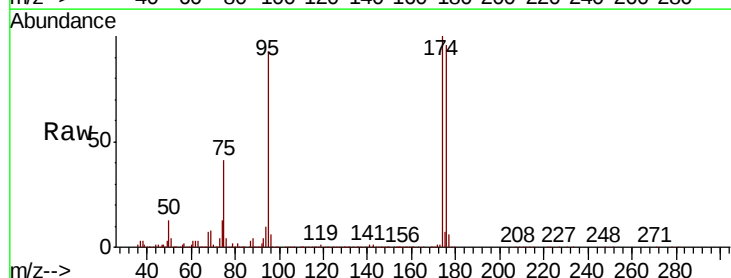
Acq: 23 Aug 2019 10:25

Tgt Ion: 75 Resp: 102997

Ion Ratio Lower Upper

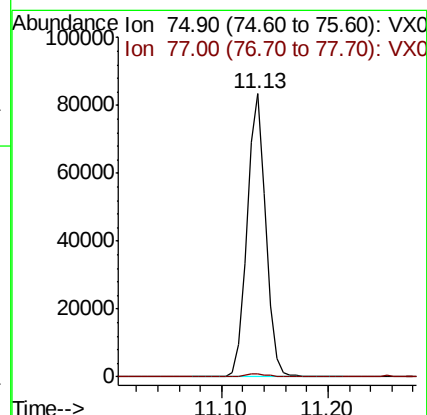
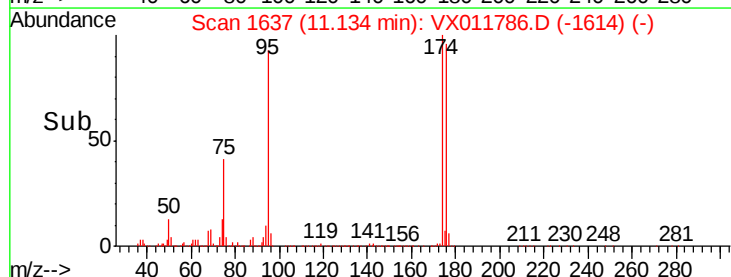
75 100

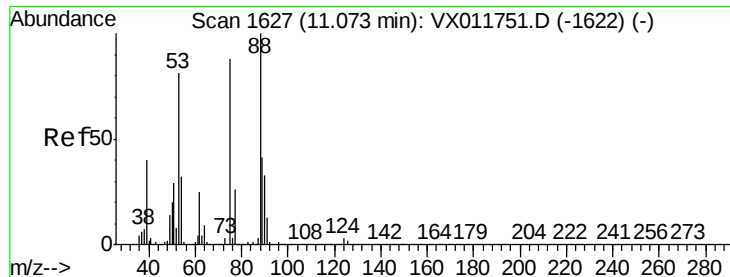
77 1.7 21.1 63.3#



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: 65.898 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011786.D

Acq: 23 Aug 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBL01

Tgt Ion: 75 Resp: 102997

Ion Ratio Lower Upper

75 100

53 0.0 77.1 115.7#

89 0.3 38.5 57.7#

