

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
 Data File : VX011805.D
 Acq On : 23 Aug 2019 18:01
 Operator : JC/SP
 Sample : K4513-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Aug 26 01:57:06 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	460330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	544795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266589	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	210334	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.49	113	182896	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	
50) Toluene-d8	8.71	98	695397	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	241037	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	

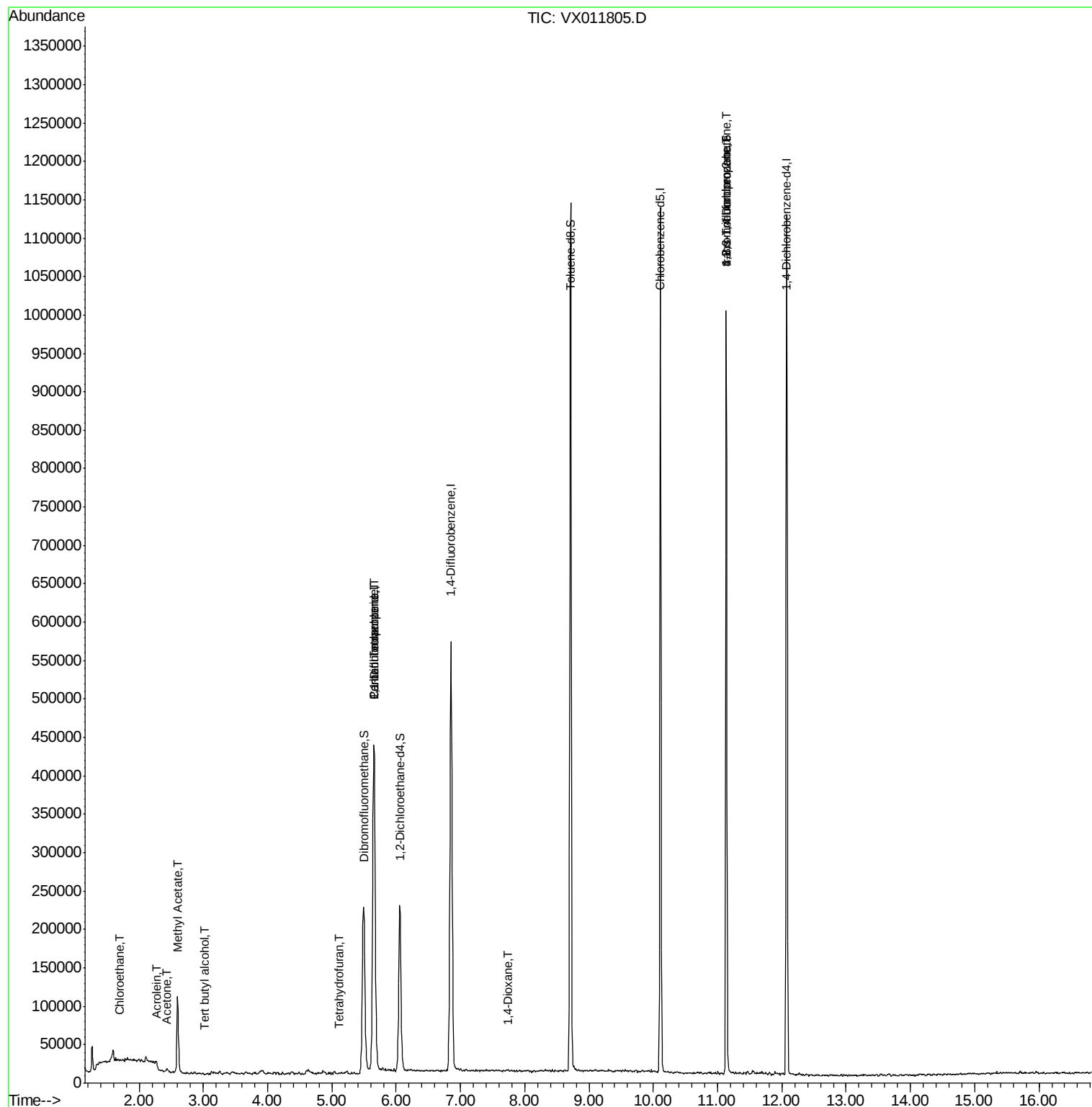
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	1012	0.460	ug/l #	44
11) Tert butyl alcohol	3.02	59	680	0.744	ug/l #	68
13) Acrolein	2.28	56	460	1.302	ug/l	84
16) Acetone	2.43	43	5746	2.856	ug/l #	82
18) Methyl Acetate	2.60	43	27246	4.992	ug/l #	52
29) Tetrahydrofuran	5.12	42	591	0.319	ug/l #	81
36) 1,1-Dichloropropene	5.65	75	26099	5.399	ug/l #	52
38) Carbon Tetrachloride	5.65	117	38701	7.065	ug/l #	15
49) 1,4-Dioxane	7.73	88	344	3.013	ug/l #	59
76) 1,2,3-Trichloropropane	11.13	75	110186	23.555	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	110186	71.037	ug/l #	11

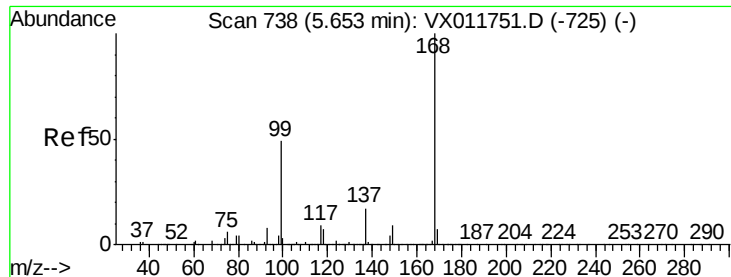
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
Data File : VX011805.D
Acq On : 23 Aug 2019 18:01
Operator : JC/SP
Sample : K4513-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Quant Time: Aug 26 01:57:06 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# 738

Delta R.T. -0.00 min

Lab File: VX011805.D

Acq: 23 Aug 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

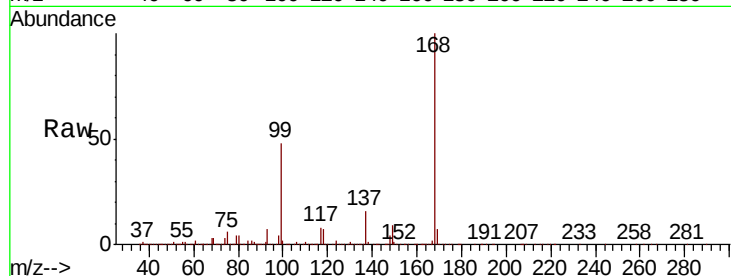
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 460330

Ion Ratio Lower Upper

168 100

99 48.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

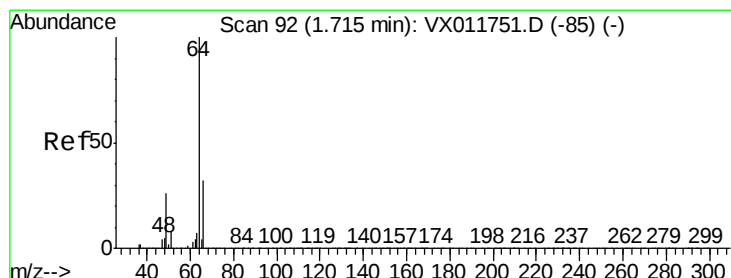
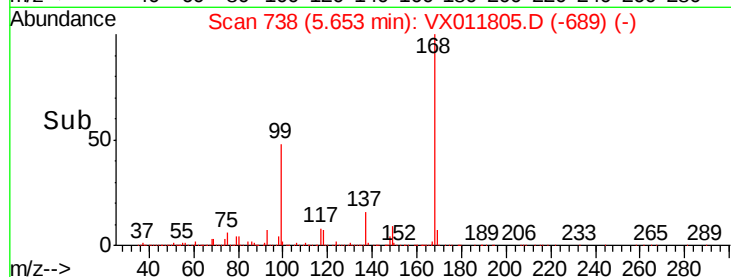
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.460 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011805.D

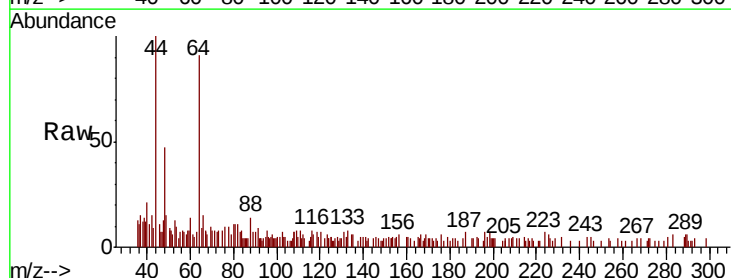
Acq: 23 Aug 2019 18:01

Tgt Ion: 64 Resp: 1012

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

2000

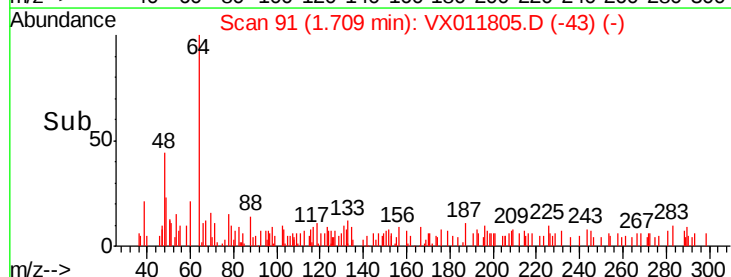
1500

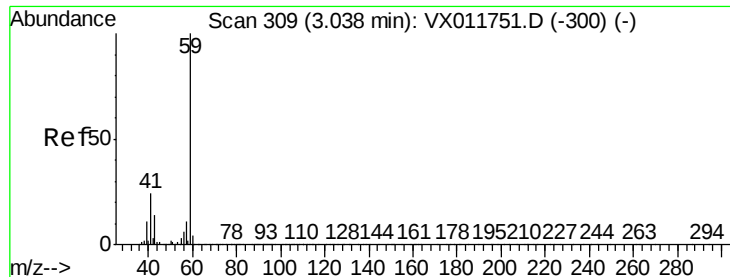
1000

500

0

Time-->

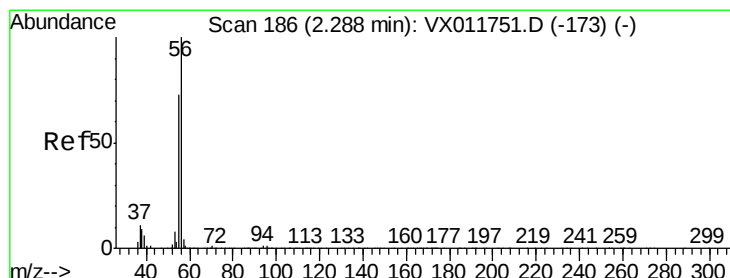
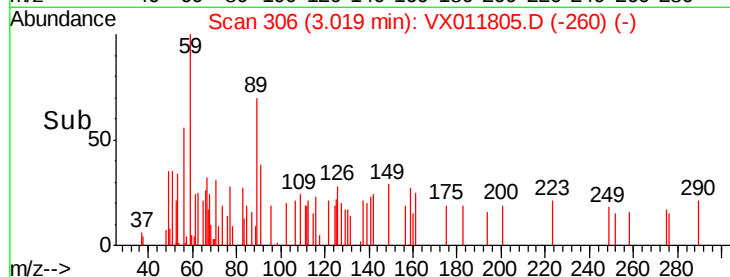
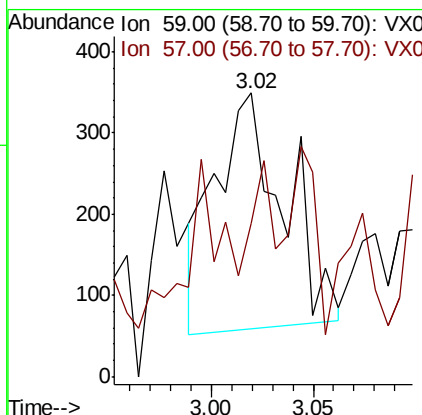
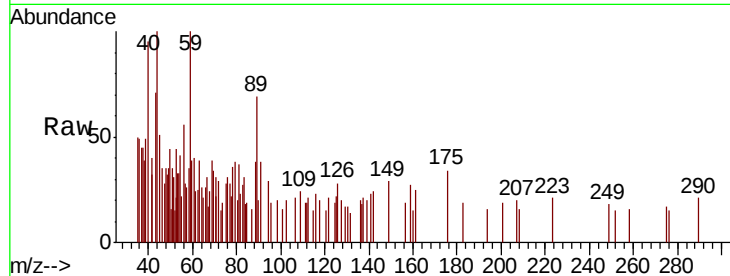




#11
Tert butyl alcohol
Concen: 0.744 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

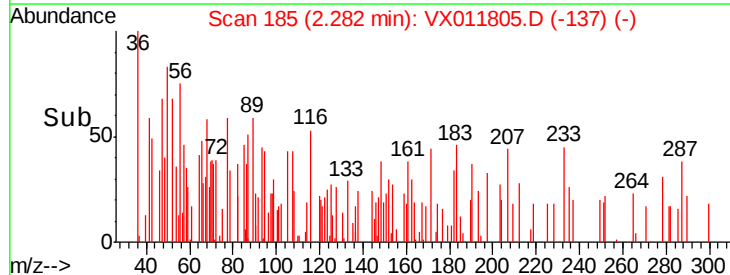
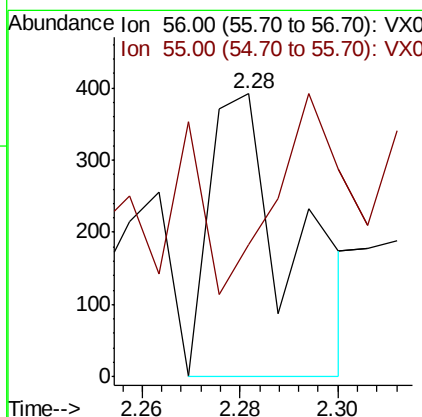
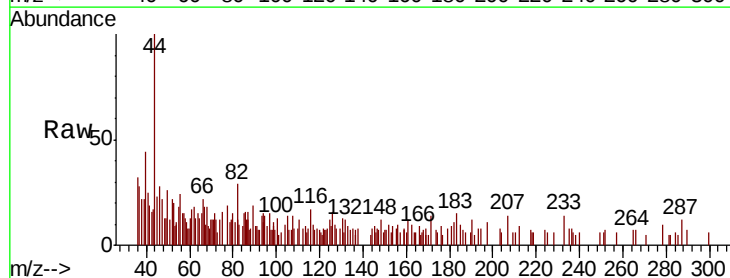
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

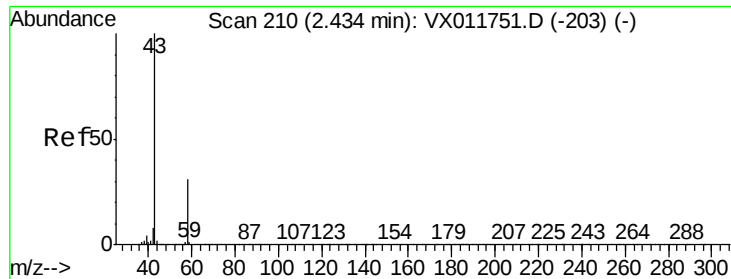
Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 22.5 8.4 12.6#



#13
Acrolein
Concen: 1.302 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 56 Resp: 460
Ion Ratio Lower Upper
56 100
55 81.7 54.8 82.2

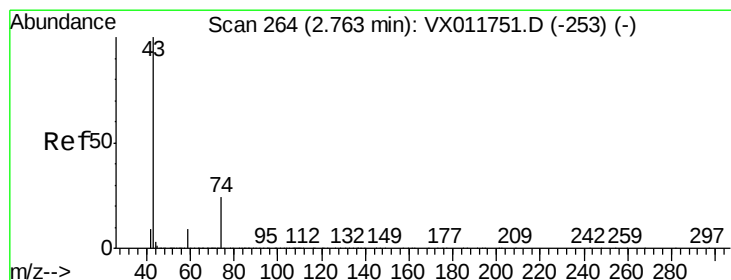
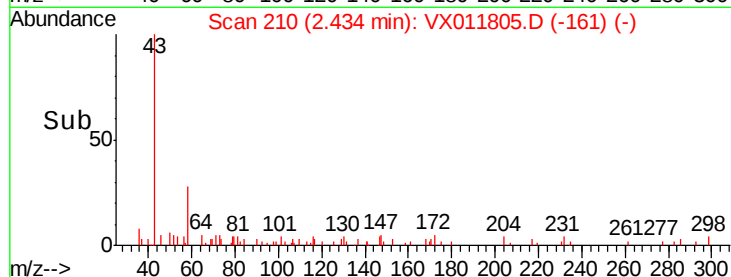
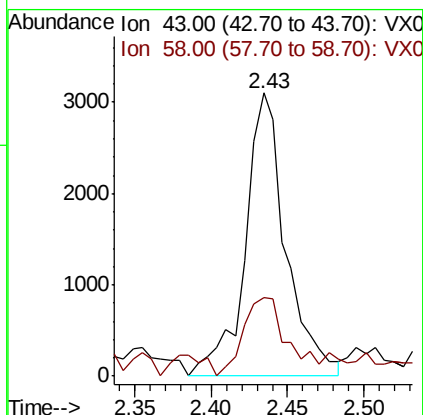
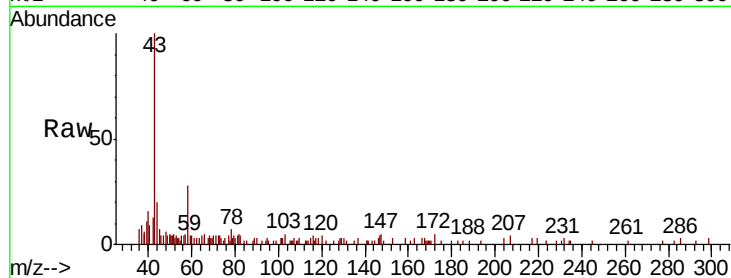




#16
Acetone
Concen: 2.856 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

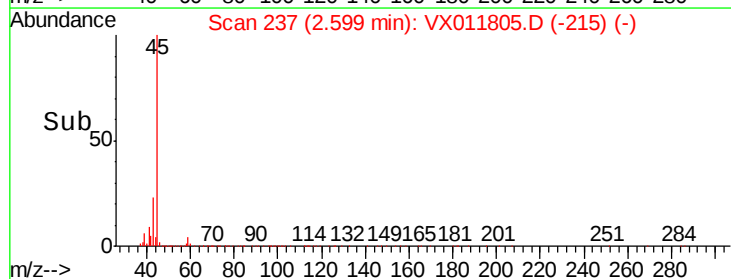
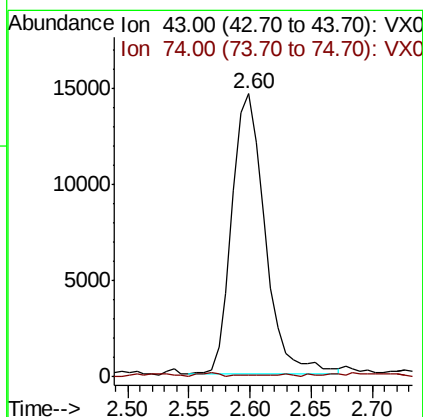
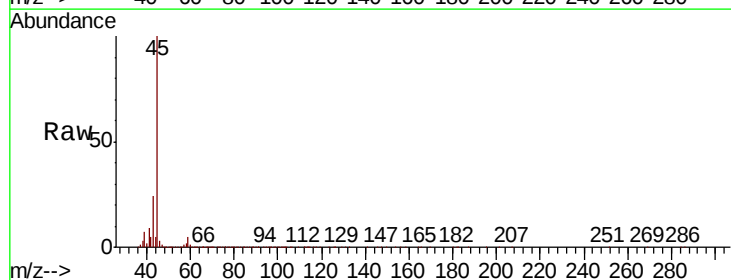
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

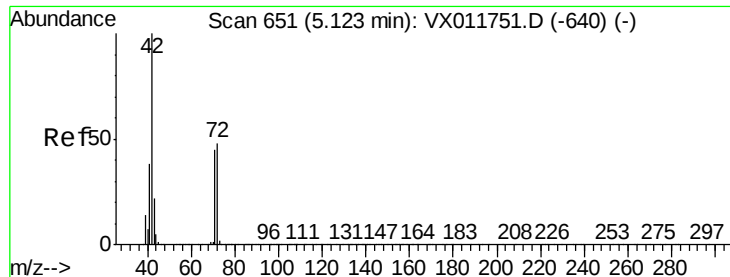
Tgt Ion: 43 Resp: 5746
Ion Ratio Lower Upper
43 100
58 20.5 24.4 36.6#



#18
Methyl Acetate
Concen: 4.992 ug/l
RT: 2.60 min Scan# 237
Delta R.T. -0.16 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 43 Resp: 27246
Ion Ratio Lower Upper
43 100
74 0.5 19.5 29.3#

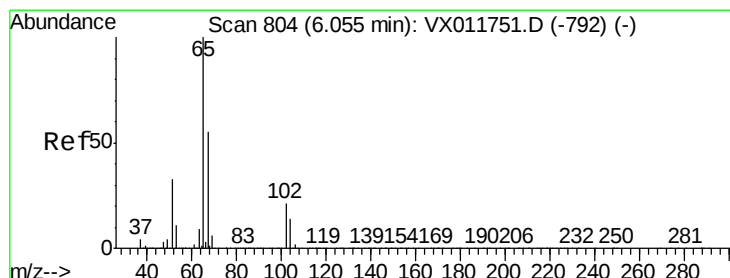
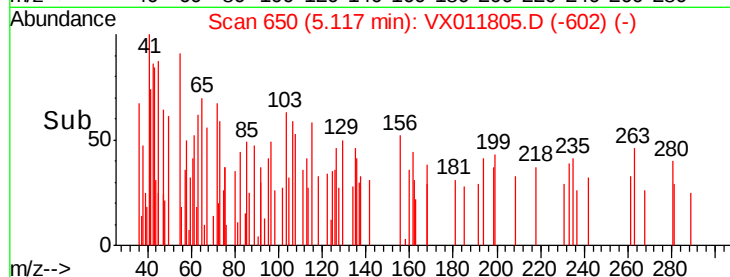
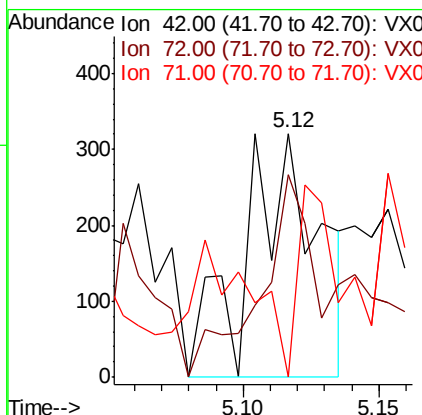
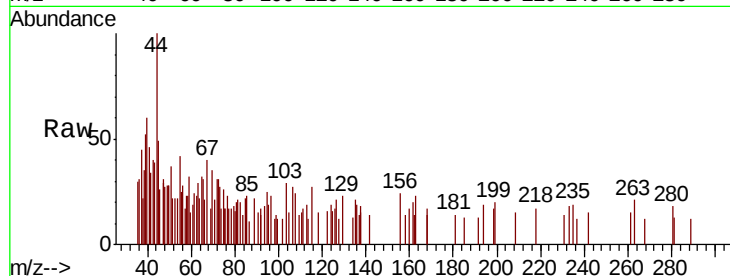




#29
Tetrahydrofuran
Concen: 0.319 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

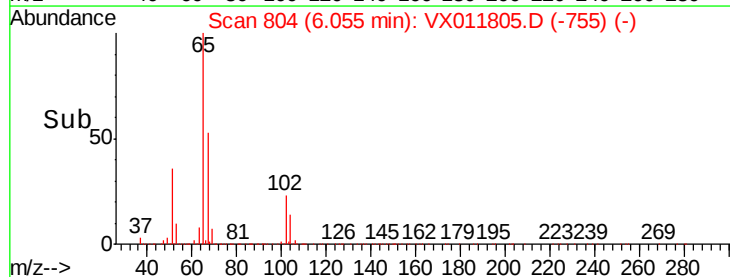
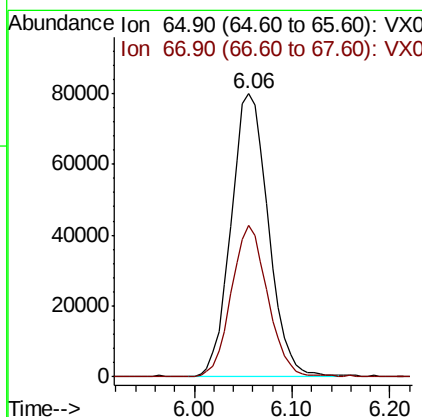
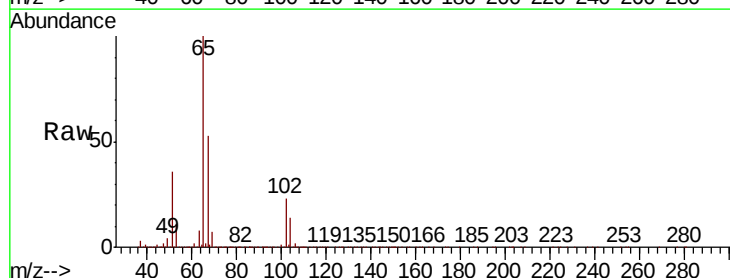
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

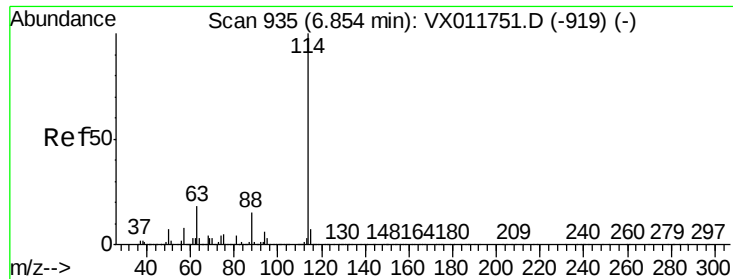
Tgt Ion: 42 Resp: 591
Ion Ratio Lower Upper
42 100
72 66.0 37.6 56.4#
71 48.2 34.6 51.8



#33
1,2-Dichloroethane-d4
Concen: 45.485 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 65 Resp: 210334
Ion Ratio Lower Upper
65 100
67 52.1 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: VX011805.D

Acq: 23 Aug 2019 18:01

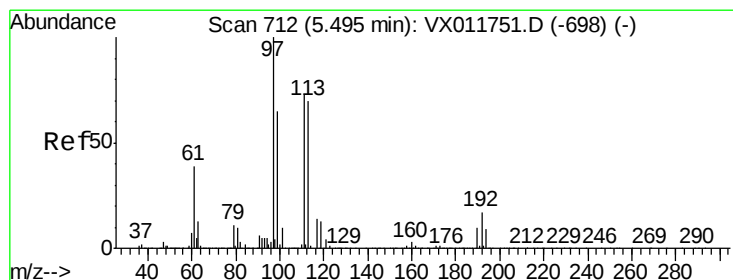
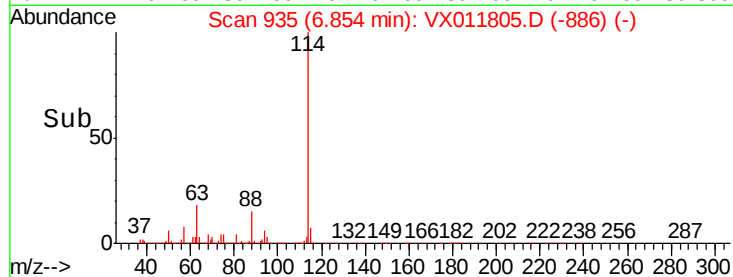
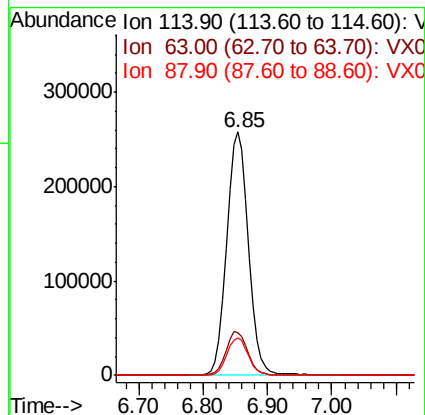
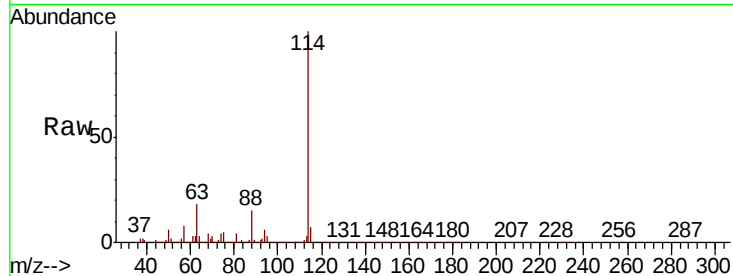
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:	114	Resp:	616419
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.8
88	15.3	0.0	30.2



#35

Dibromofluoromethane

Concen: 45.884 ug/l

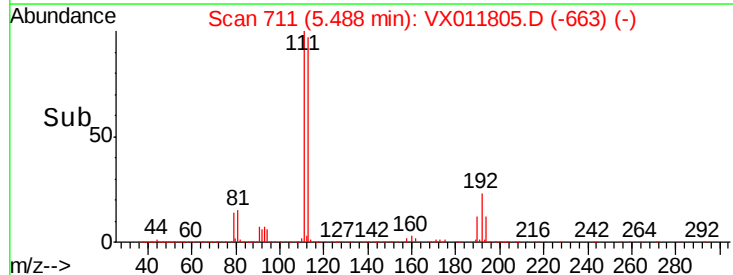
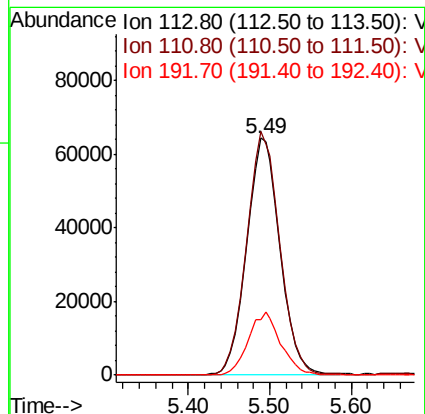
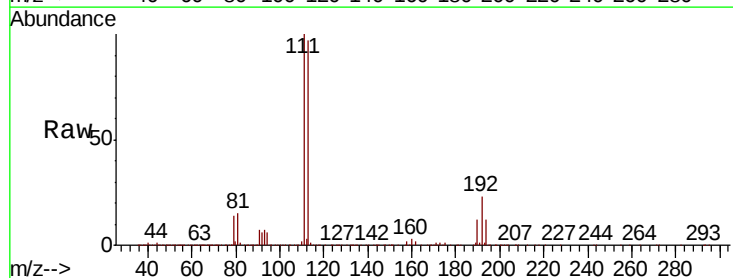
RT: 5.49 min Scan# 711

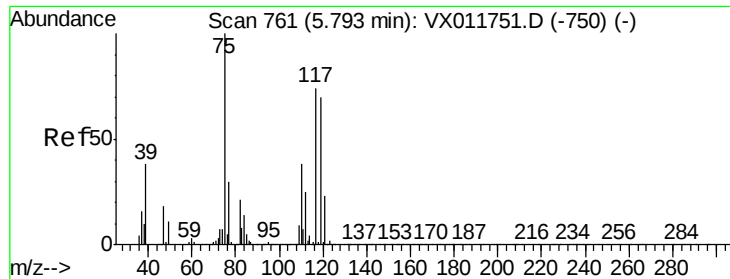
Delta R.T. -0.01 min

Lab File: VX011805.D

Acq: 23 Aug 2019 18:01

Tgt Ion:	113	Resp:	182896
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	25.9	19.9	29.9





#36

1,1-Dichloropropene

Concen: 5.399 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011805.D

Acq: 23 Aug 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

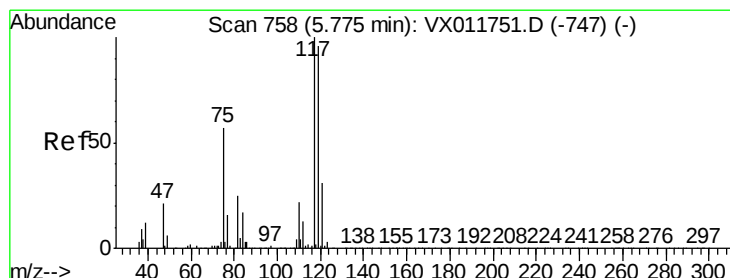
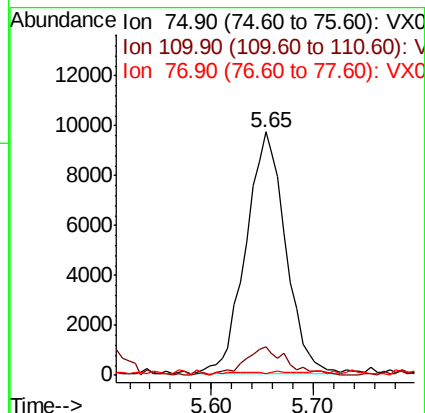
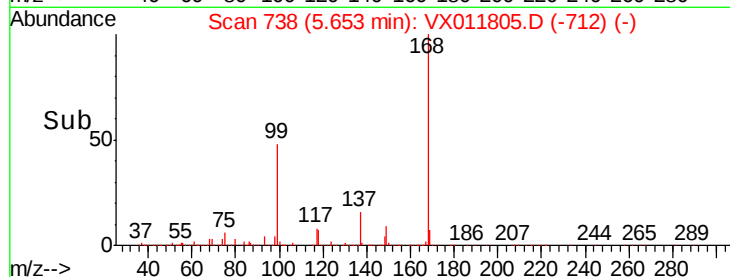
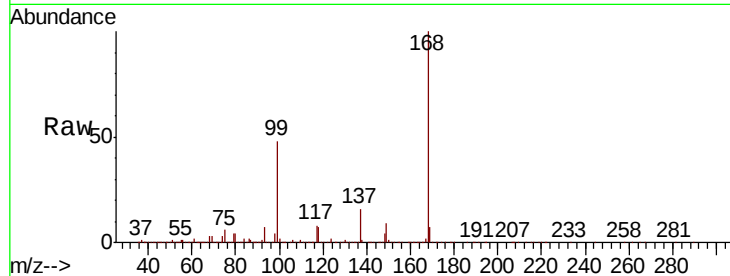
Tgt Ion: 75 Resp: 26099

Ion Ratio Lower Upper

75 100

110 12.8 19.0 57.0#

77 0.5 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 7.065 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.12 min

Lab File: VX011805.D

Acq: 23 Aug 2019 18:01

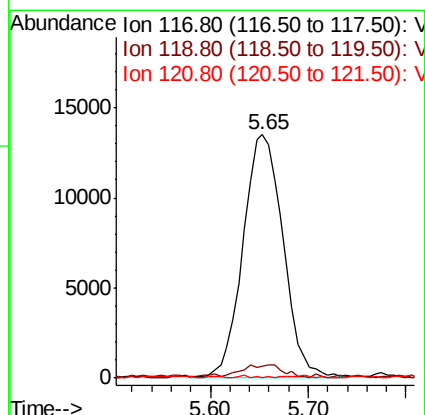
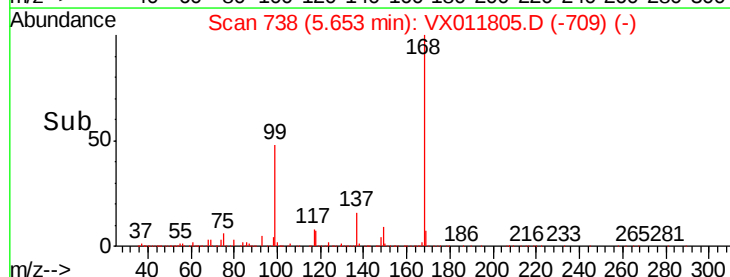
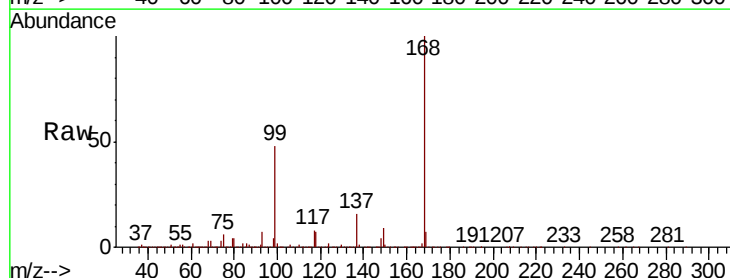
Tgt Ion: 117 Resp: 38701

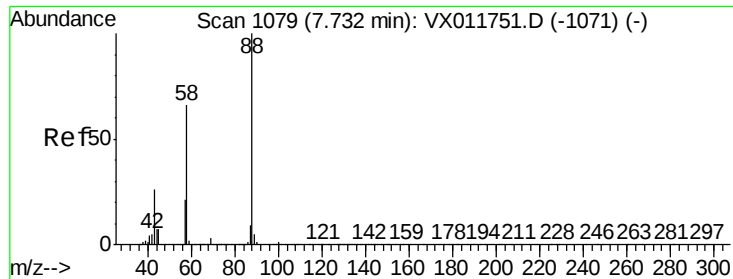
Ion Ratio Lower Upper

117 100

119 4.1 76.6 114.8#

121 0.0 25.2 37.8#

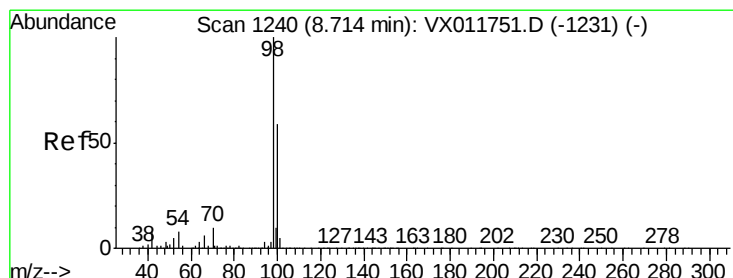
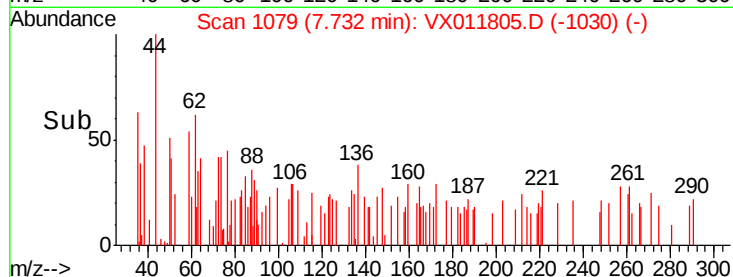
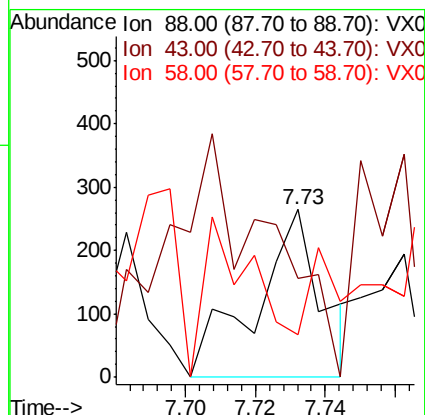
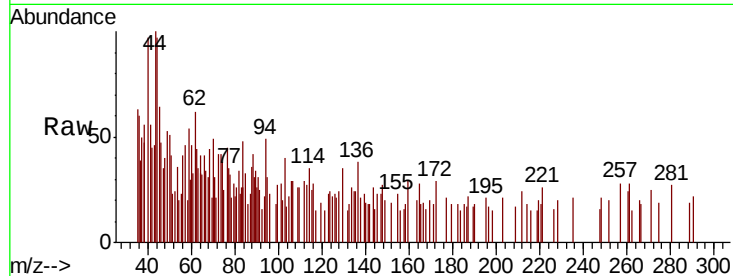




#49
1,4-Dioxane
Concen: 3.013 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

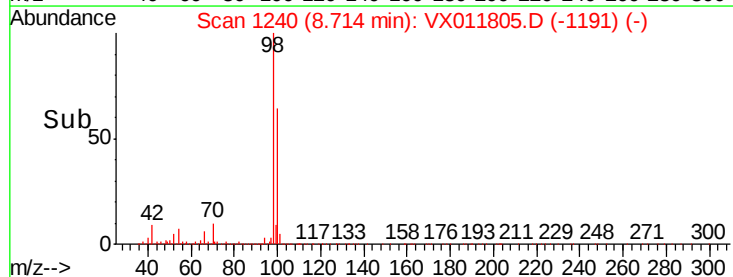
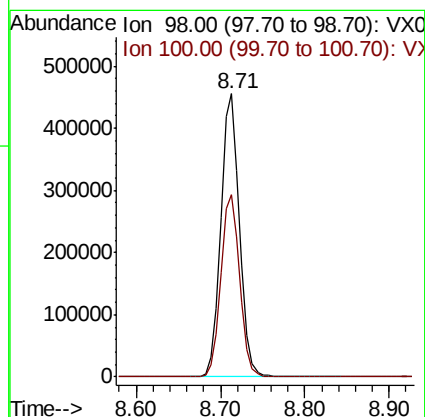
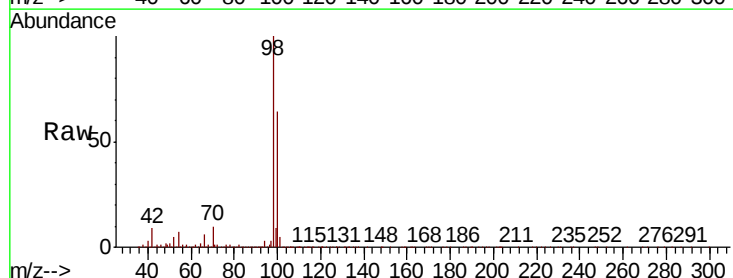
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

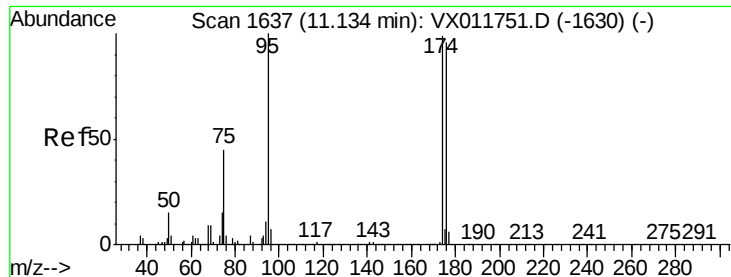
Tgt Ion: 88 Resp: 344
Ion Ratio Lower Upper
88 100
43 0.0 24.6 37.0#
58 37.5 51.4 77.2#



#50
Toluene-d8
Concen: 50.017 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 98 Resp: 695397
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

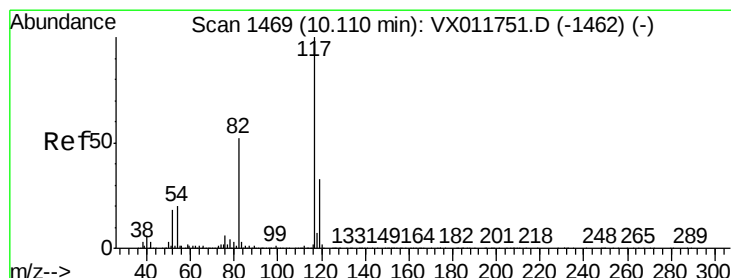
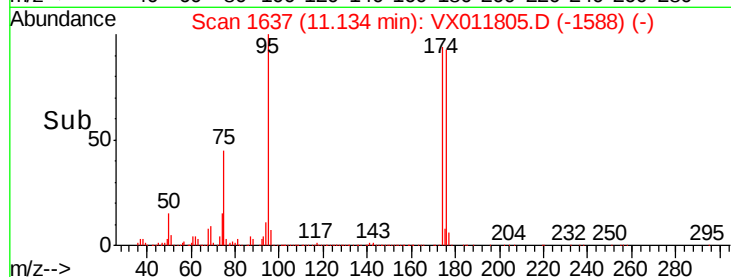
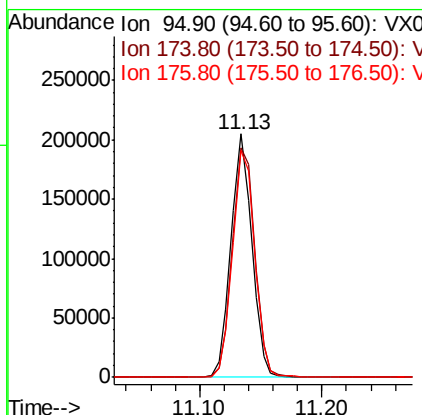
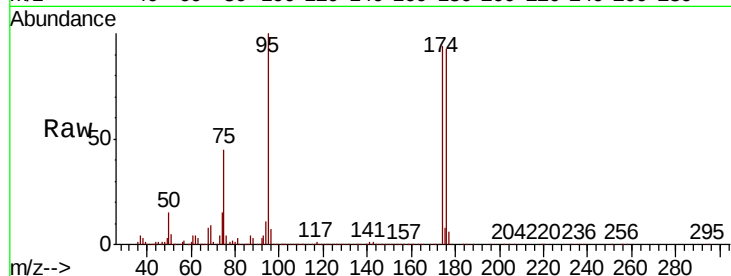




#62
4-Bromofluorobenzene
Concen: 43.862 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

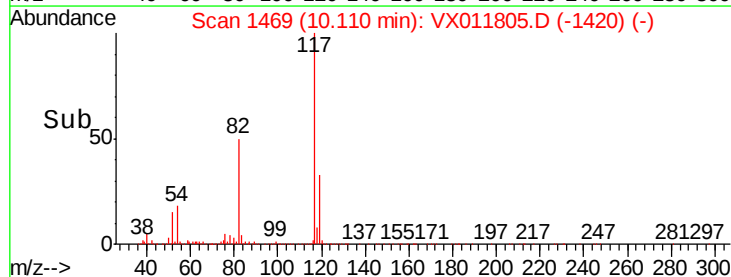
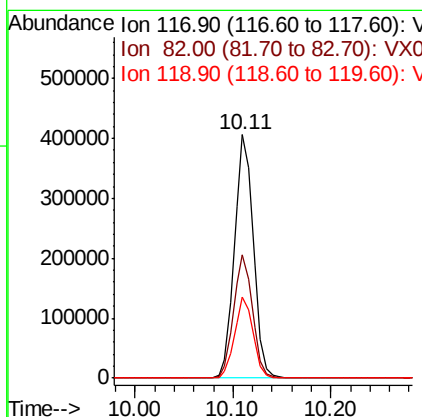
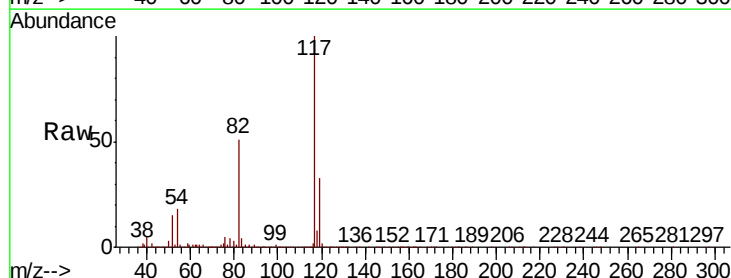
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

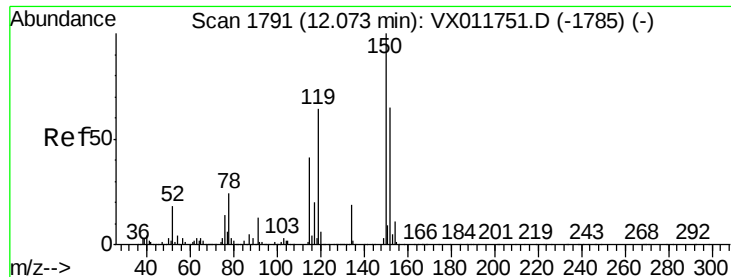
Tgt Ion: 95 Resp: 241037
Ion Ratio Lower Upper
95 100
174 102.0 0.0 197.4
176 99.1 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011805.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 117 Resp: 544795
Ion Ratio Lower Upper
117 100
82 50.5 41.7 62.5
119 33.2 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: VX011805.D

Acq: 23 Aug 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

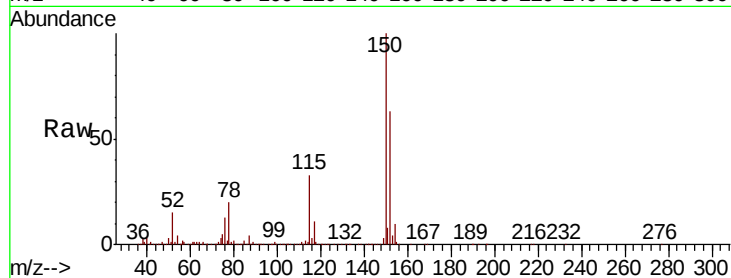
Tgt Ion: 152 Resp: 266589

Ion Ratio Lower Upper

152 100

115 50.5 37.3 111.8

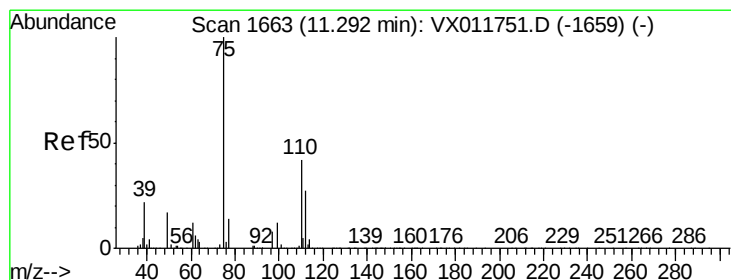
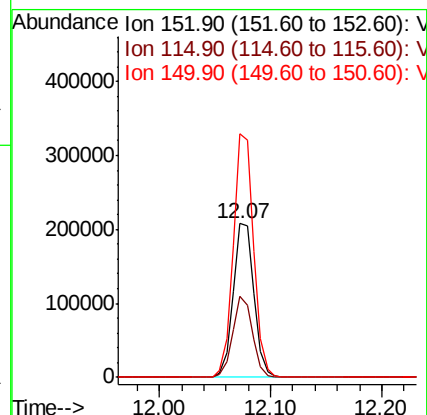
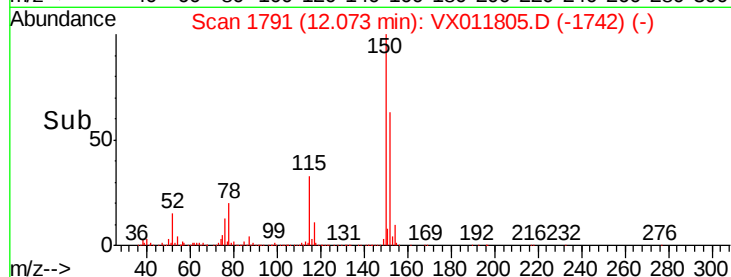
150 155.7 0.0 343.0



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: 23.555 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011805.D

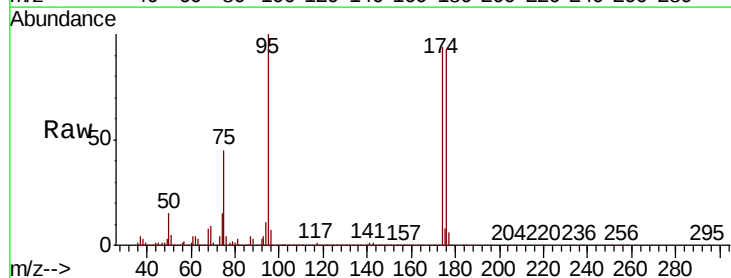
Acq: 23 Aug 2019 18:01

Tgt Ion: 75 Resp: 110186

Ion Ratio Lower Upper

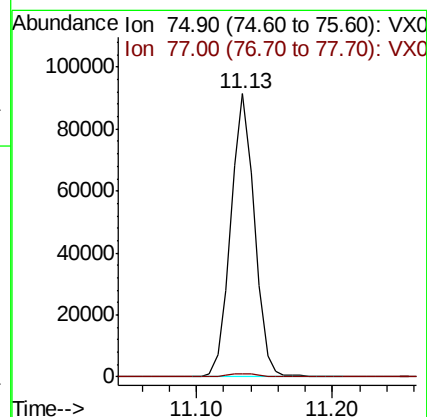
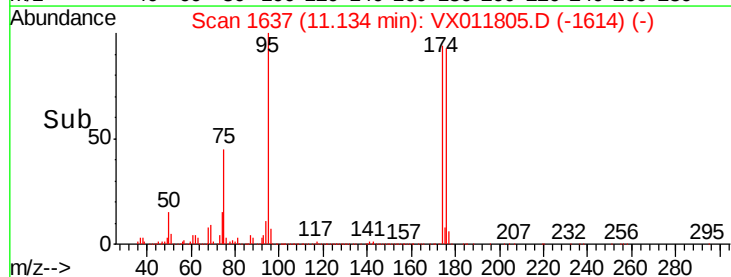
75 100

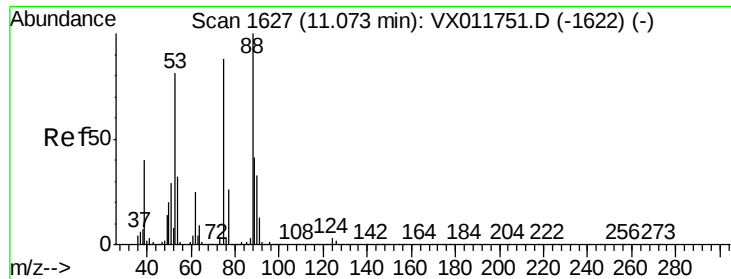
77 1.2 21.1 63.3#



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: 71.037 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011805.D

Acq: 23 Aug 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

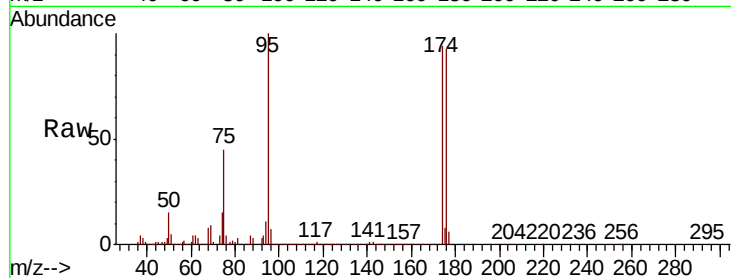
Tgt Ion: 75 Resp: 110186

Ion Ratio Lower Upper

75 100

53 0.0 77.1 115.7#

89 0.1 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

