

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010532.D
 Acq On : 28 Jun 2019 13:27
 Operator : JC/SP
 Sample : K3595-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 29 04:37:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153606	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	118439	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
35) Dibromofluoromethane	5.50	113	114988	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	8.71	98	441881	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.13	95	146558	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	

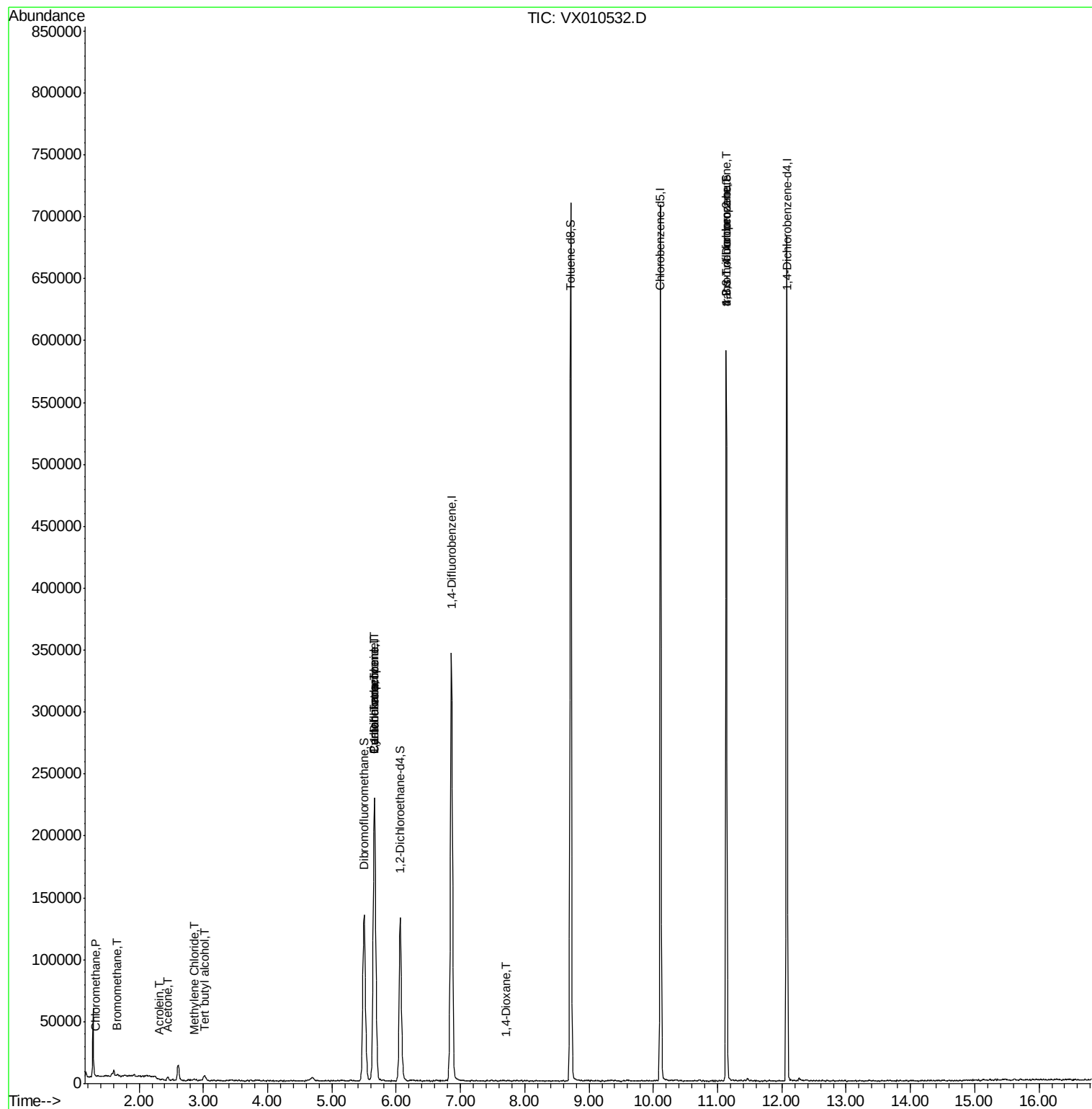
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	768	0.394	ug/l #	80
5) Bromomethane	1.65	94	332	0.319	ug/l	95
11) Tert butyl alcohol	3.01	59	2304	3.904	ug/l #	82
13) Acrolein	2.31	56	203	0.518	ug/l #	75
16) Acetone	2.45	43	3186	2.818	ug/l	92
20) Methylene Chloride	2.85	84	683	0.294	ug/l #	67
31) Cyclohexane	5.66	56	4331	1.329	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15131	5.112	ug/l #	48
38) Carbon Tetrachloride	5.67	117	21601	6.740	ug/l #	15
49) 1,4-Dioxane	7.71	88	47	0.697	ug/l #	74
76) 1,2,3-Trichloropropane	11.13	75	69848	24.954	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	69848	58.214	ug/l #	16

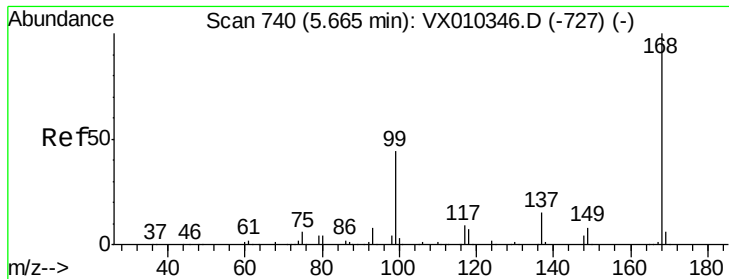
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010532.D

Acq: 28 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

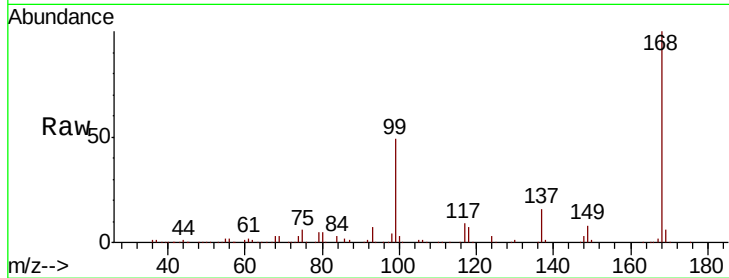
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 240562

Ion Ratio Lower Upper

168 100

99 49.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

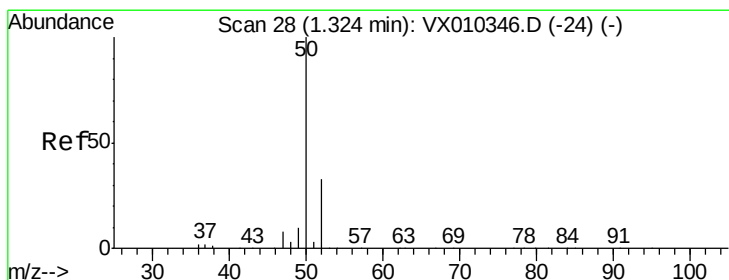
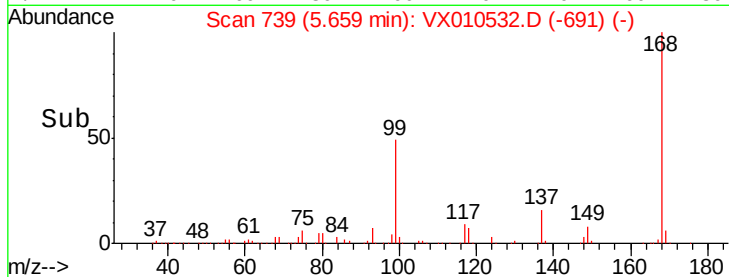
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.394 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010532.D

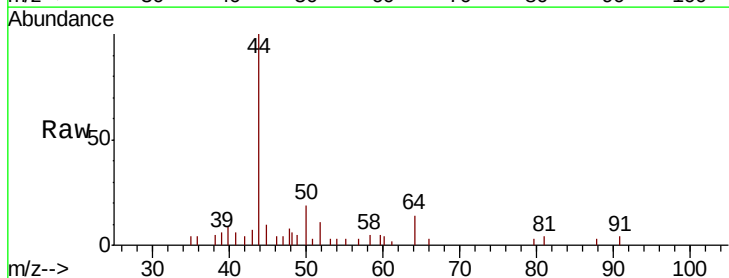
Acq: 28 Jun 2019 13:27

Tgt Ion: 50 Resp: 768

Ion Ratio Lower Upper

50 100

52 44.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

500

400

300

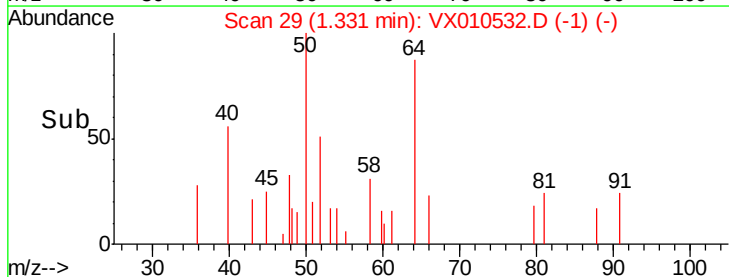
200

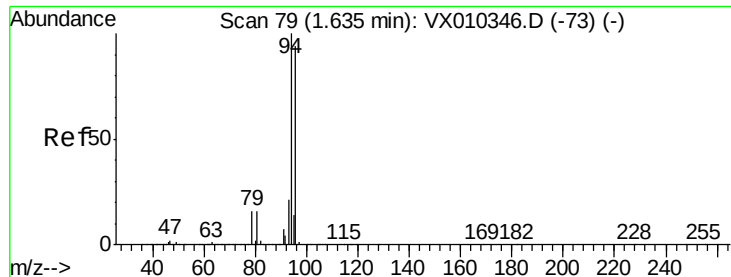
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.319 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010532.D

Acq: 28 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

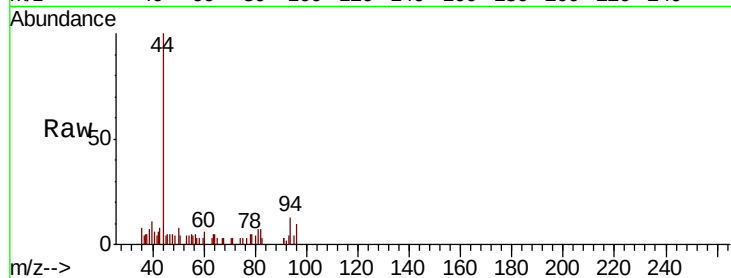
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 94 Resp: 332

Ion Ratio Lower Upper

94 100

96 99.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

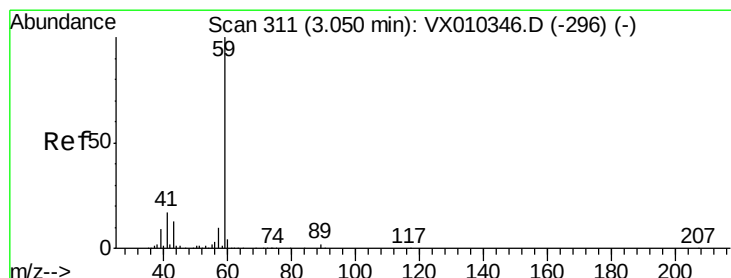
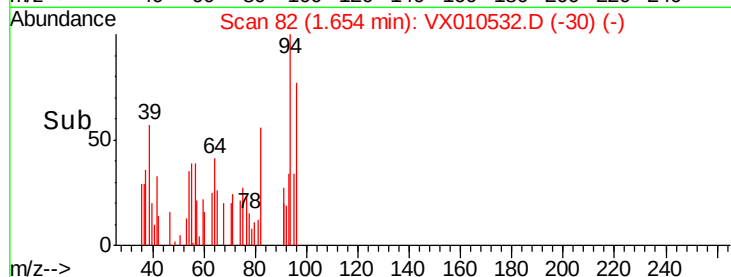
150

100

50

0

Time-->



#11

Tert butyl alcohol

Concen: 3.904 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010532.D

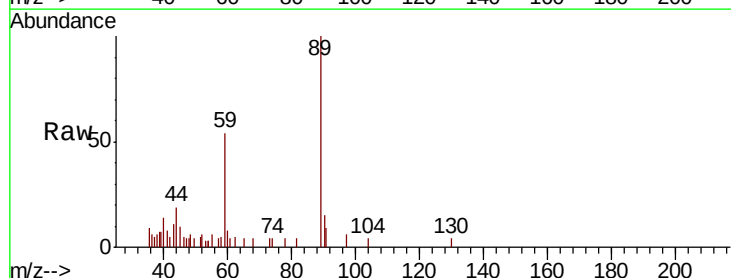
Acq: 28 Jun 2019 13:27

Tgt Ion: 59 Resp: 2304

Ion Ratio Lower Upper

59 100

57 3.1 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1000

800

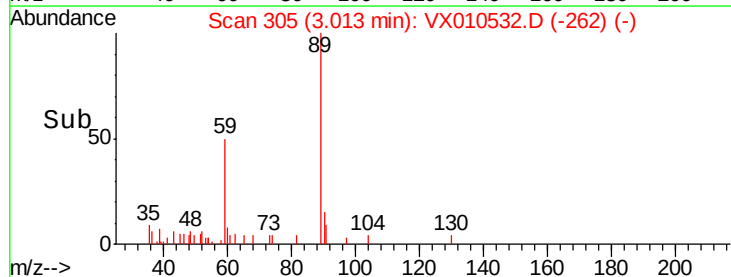
600

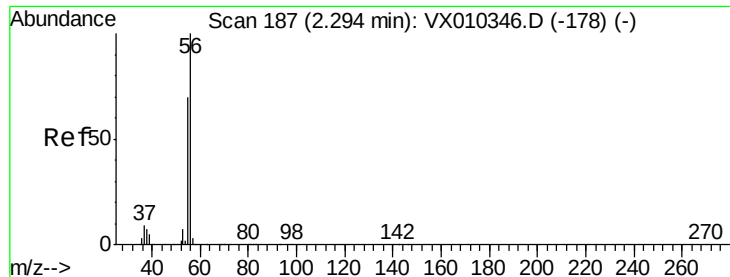
400

200

0

Time-->





#13

Acrolein

Concen: 0.518 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX010532.D

Acq: 28 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

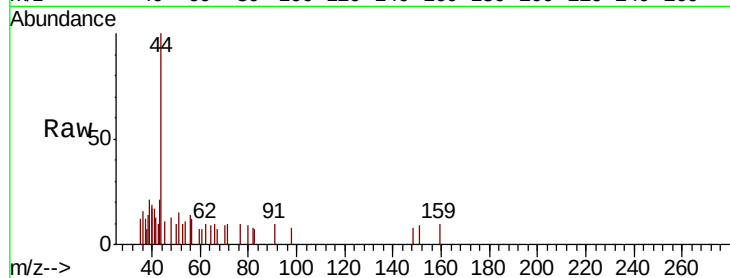
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 56 Resp: 203

Ion Ratio Lower Upper

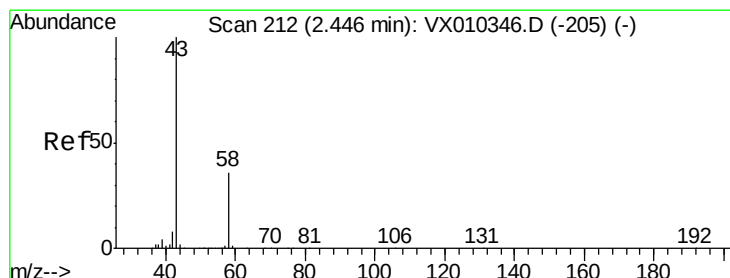
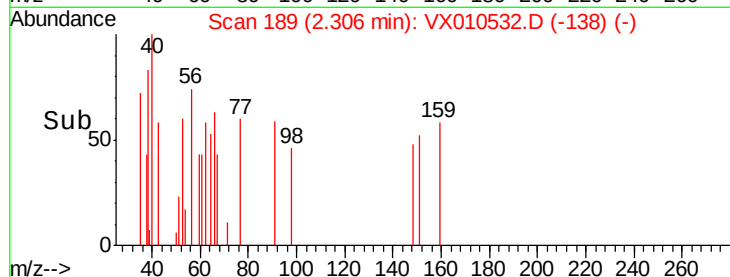
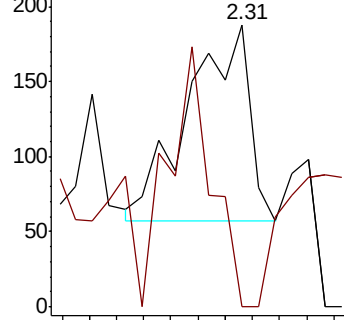
56 100

55 91.6 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.818 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010532.D

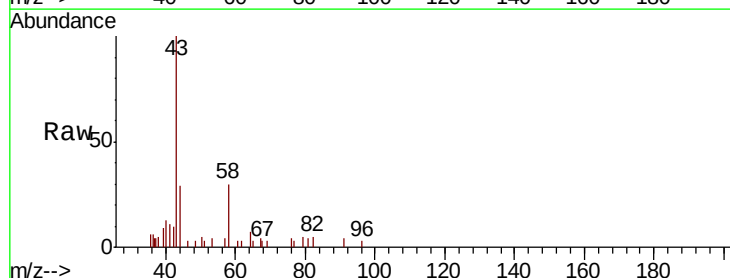
Acq: 28 Jun 2019 13:27

Tgt Ion: 43 Resp: 3186

Ion Ratio Lower Upper

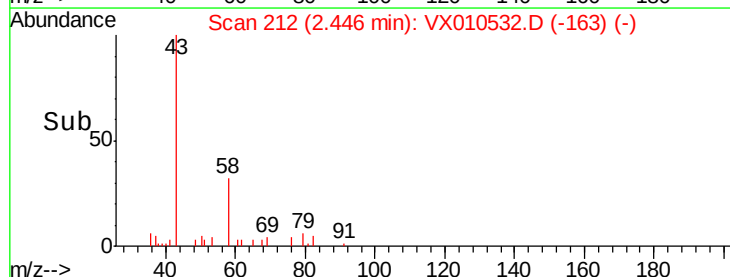
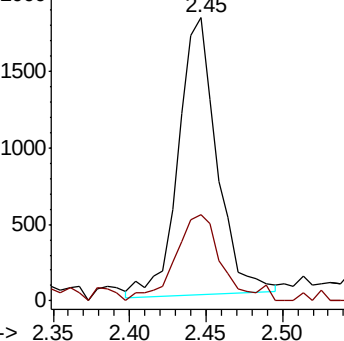
43 100

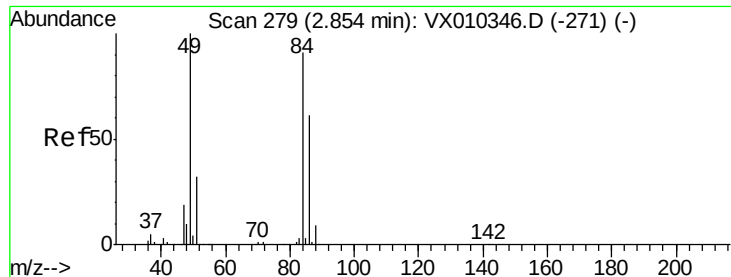
58 31.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

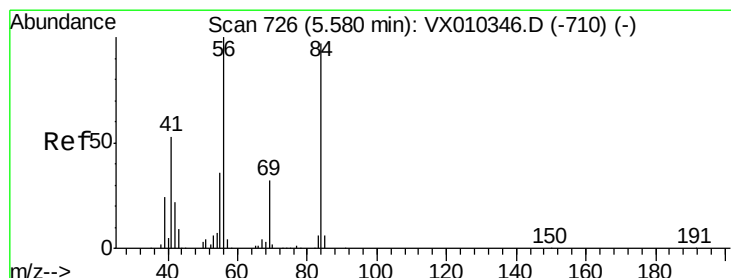
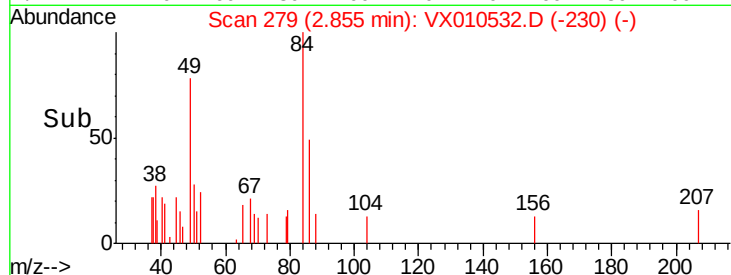
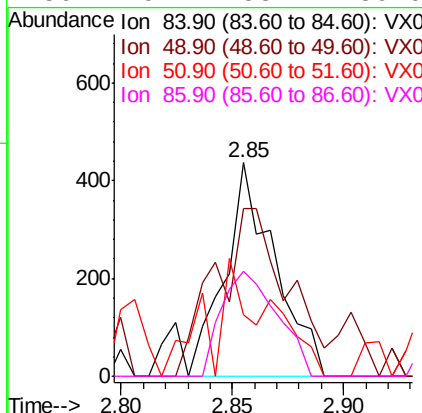
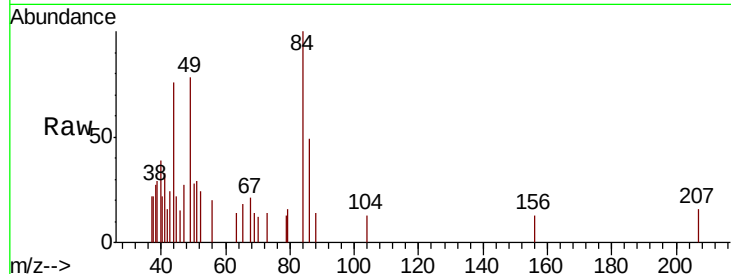




#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010532.D
Acq: 28 Jun 2019 13:27

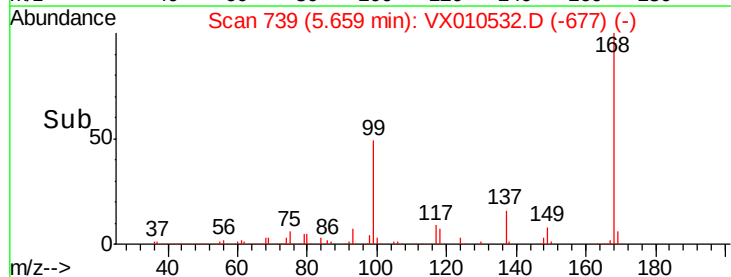
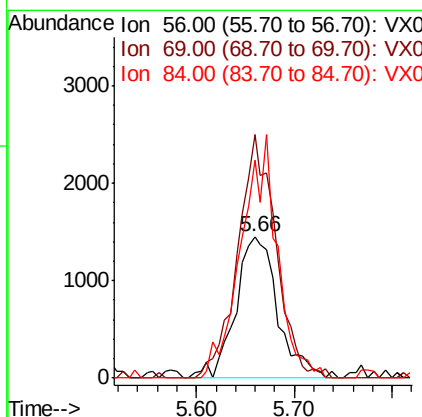
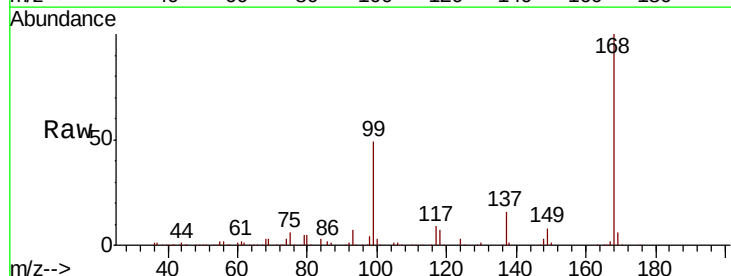
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

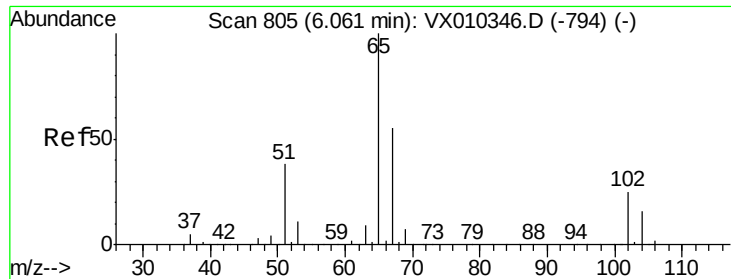
Tot Ion: 84 Resp: 683
Ion Ratio Lower Upper
84 100
49 60.0 87.5 131.3#
51 29.1 27.7 41.5
86 49.2 53.4 80.0#



#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010532.D
Acq: 28 Jun 2019 13:27

Tgt Ion: 56 Resp: 4331
Ion Ratio Lower Upper
56 100
69 172.0 25.9 38.9#
84 154.4 78.0 117.0#

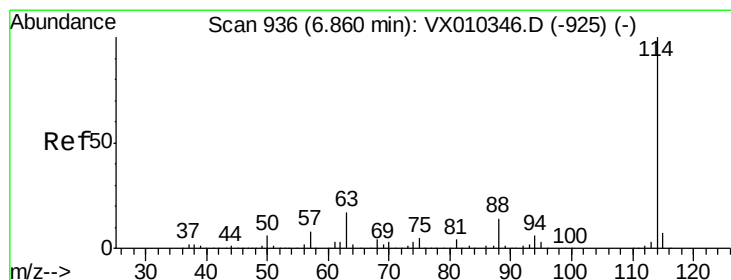
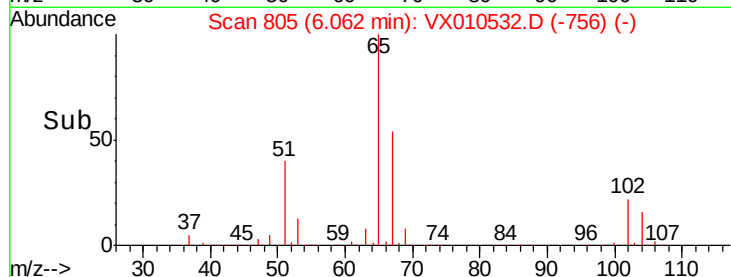
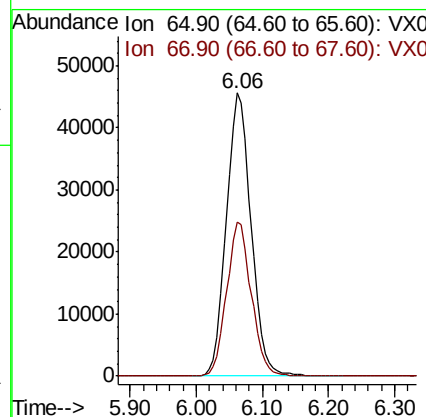
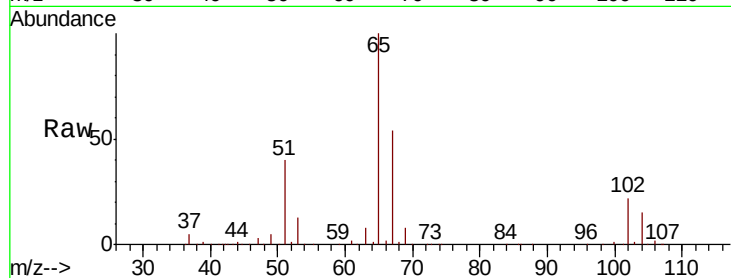




#33
 1,2-Dichloroethane-d4
 Concen: 52.511 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010532.D
 Acq: 28 Jun 2019 13:27

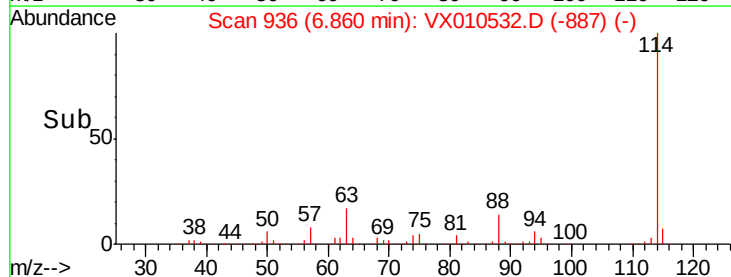
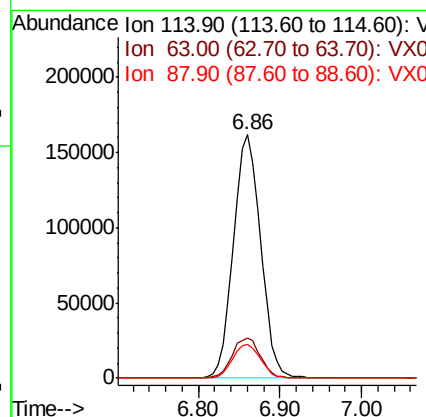
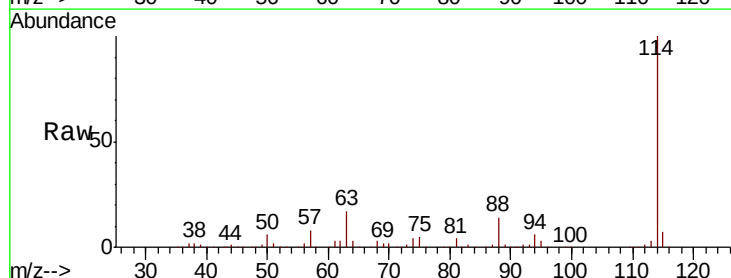
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

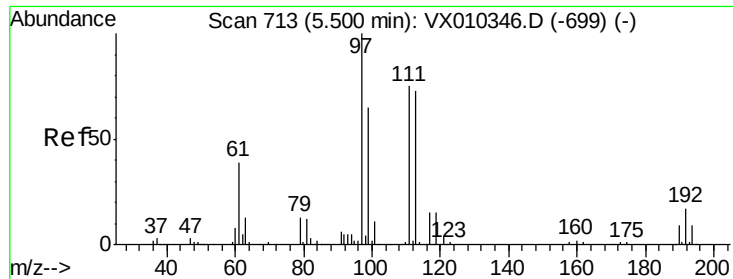
Tot Ion: 65 Resp: 118439
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010532.D
 Acq: 28 Jun 2019 13:27

Tgt Ion: 114 Resp: 372455
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 13.9 0.0 27.6

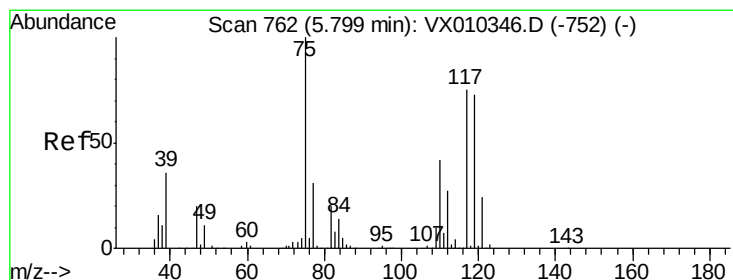
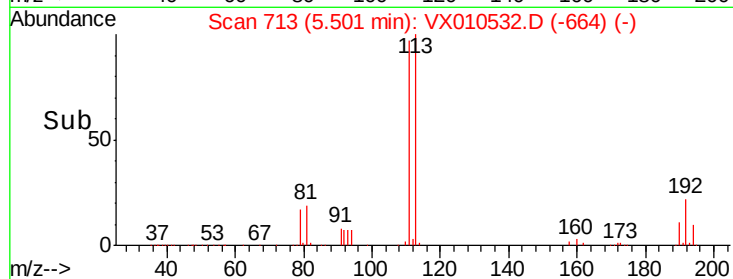
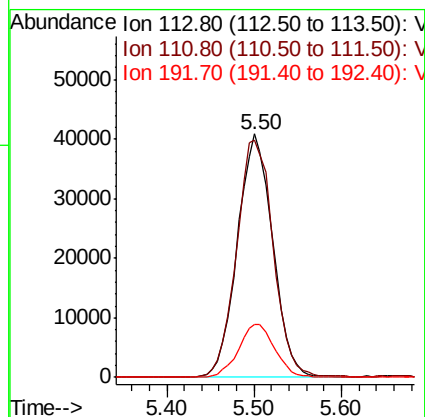
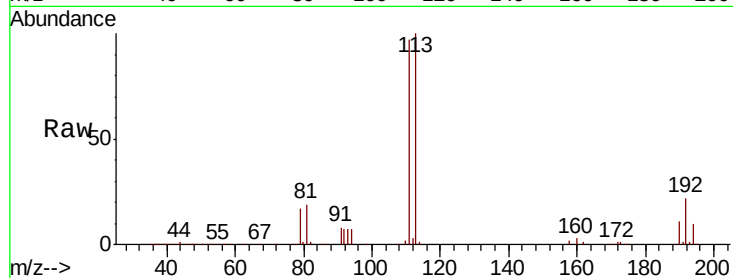




#35
 Dibromofluoromethane
 Concen: 50.460 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010532.D
 Acq: 28 Jun 2019 13:27

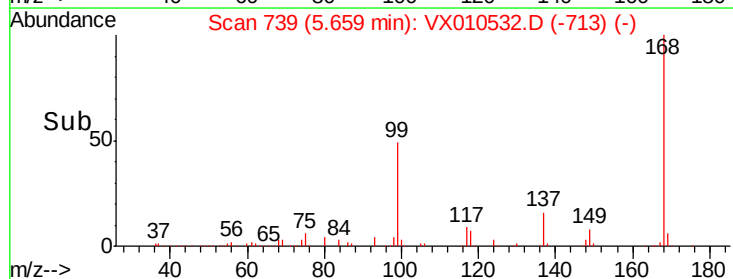
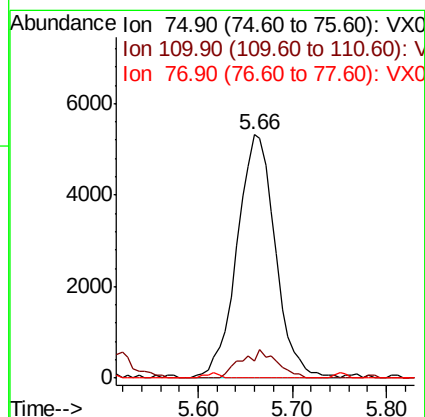
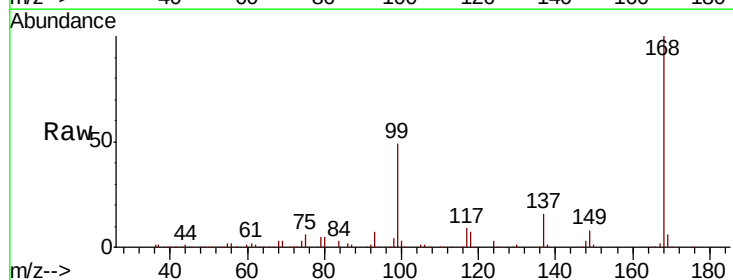
Instrument :
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 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

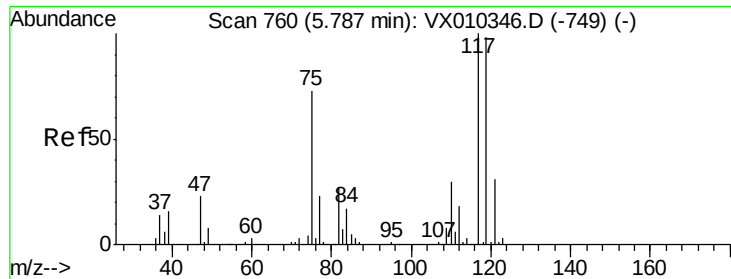
Tot Ion:113 Resp: 114988
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 22.4 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.112 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010532.D
 Acq: 28 Jun 2019 13:27

Tgt Ion: 75 Resp: 15131
 Ion Ratio Lower Upper
 75 100
 110 10.9 20.8 62.2#
 77 0.0 25.4 38.0#

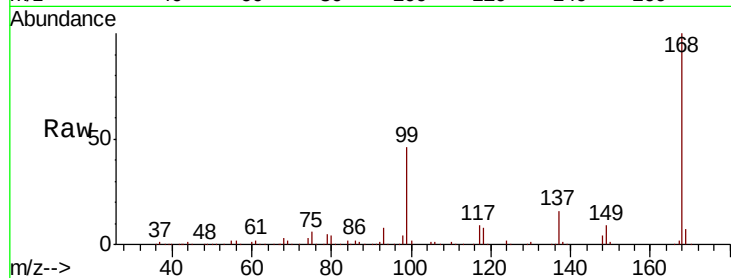




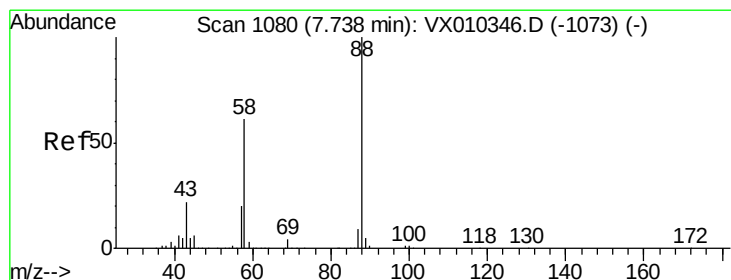
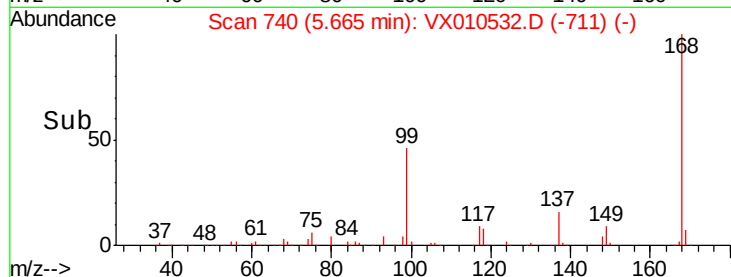
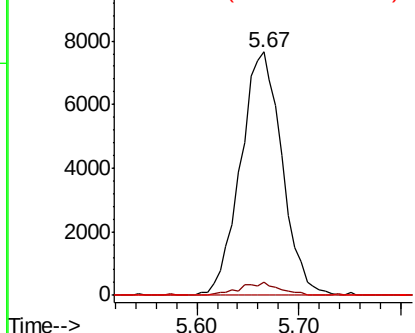
#38
Carbon Tetrachloride
Concen: 6.740 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010532.D
Acq: 28 Jun 2019 13:27

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

Tot Ion:117 Resp: 21601
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.4#
121 0.0 24.7 37.1#

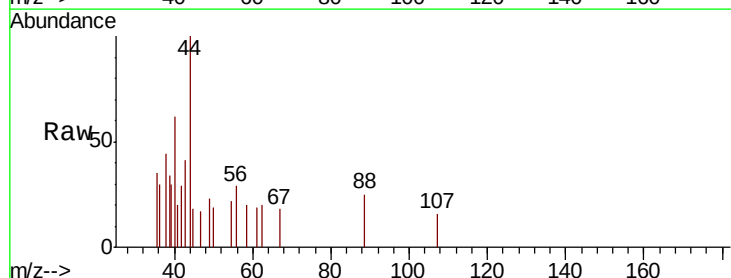


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

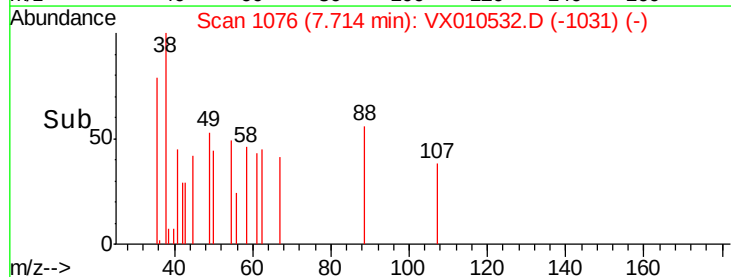
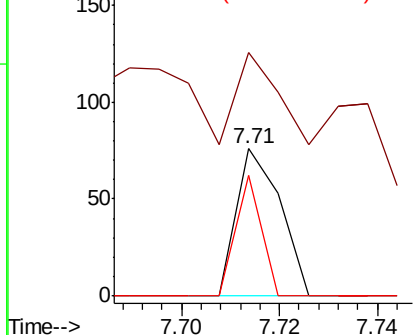


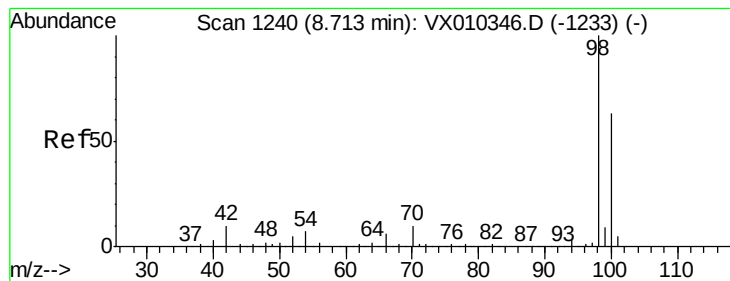
#49
1,4-Dioxane
Concen: 0.697 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX010532.D
Acq: 28 Jun 2019 13:27

Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 48.9 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.684 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010532.D

Acq: 28 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

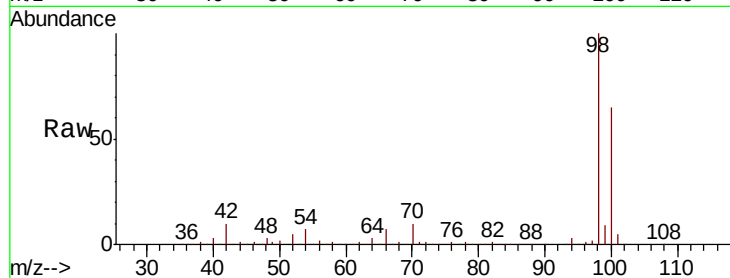
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 441881

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

250000

200000

150000

100000

50000

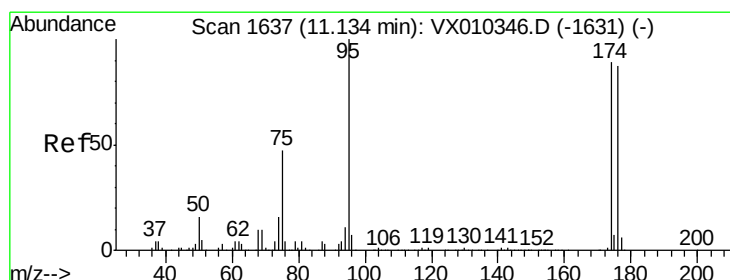
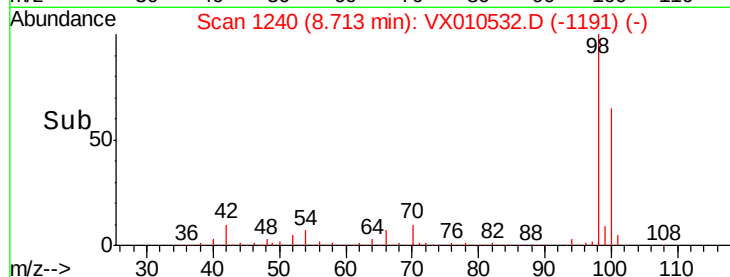
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 46.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010532.D

Acq: 28 Jun 2019 13:27

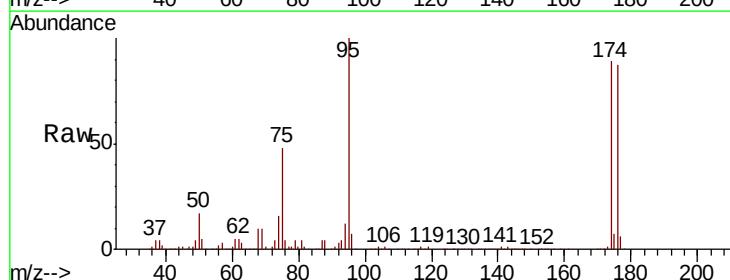
Tgt Ion: 95 Resp: 146558

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.6

176 91.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

100000

50000

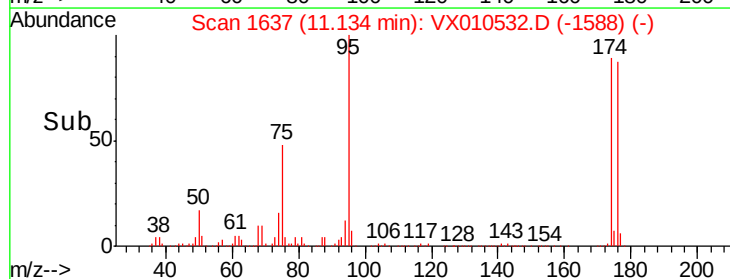
0

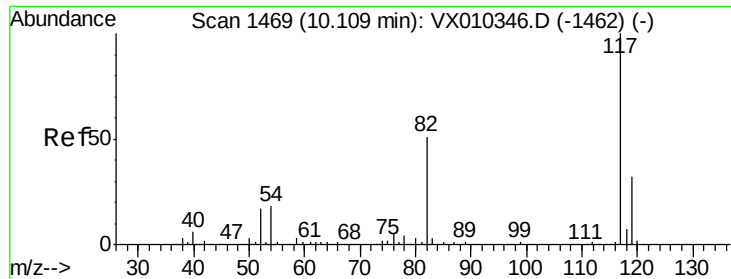
11.10

11.13

11.20

Time-->

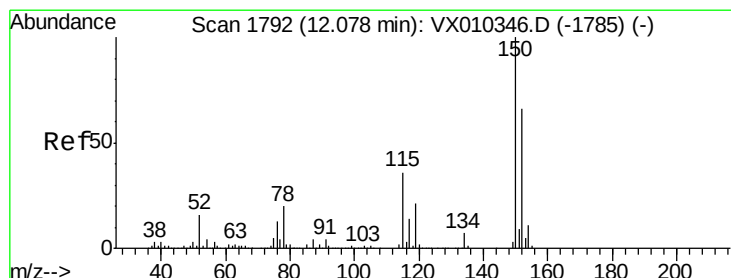
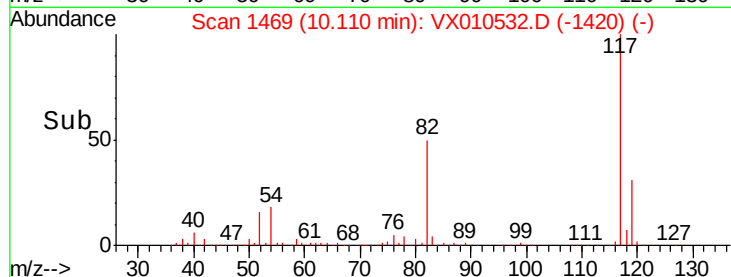
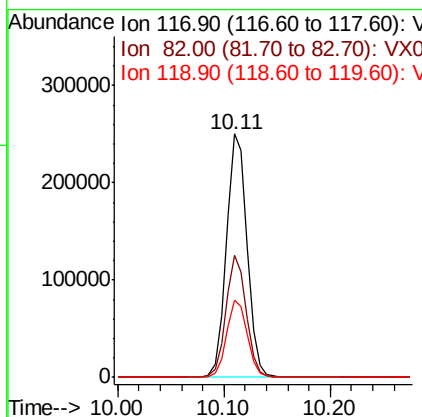
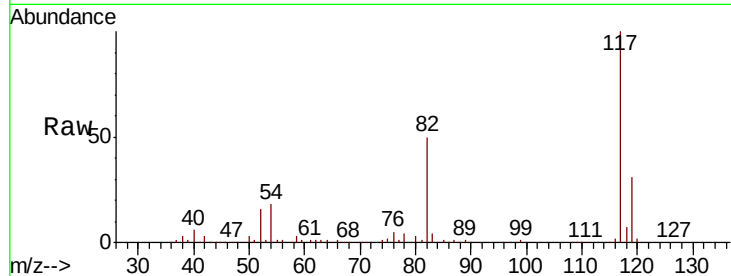




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010532.D
Acq: 28 Jun 2019 13:27

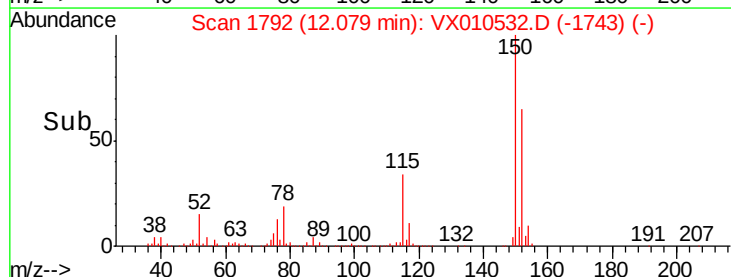
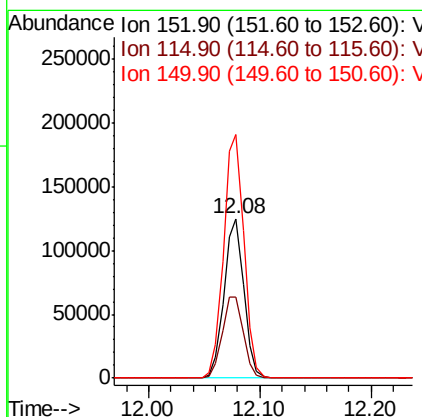
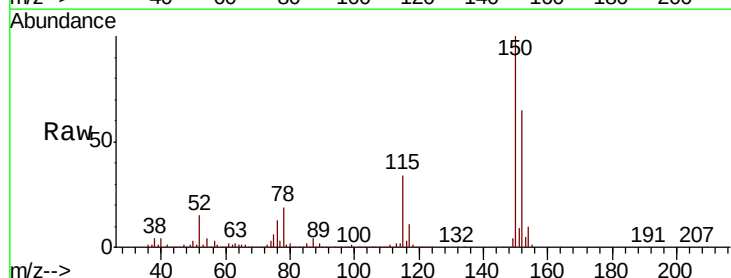
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

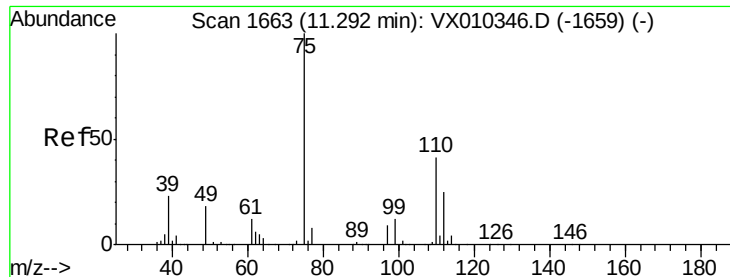
Tot Ion:117 Resp: 340840
Ion Ratio Lower Upper
117 100
82 50.1 41.2 61.8
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010532.D
Acq: 28 Jun 2019 13:27

Tgt Ion:152 Resp: 153606
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 156.7 0.0 347.4

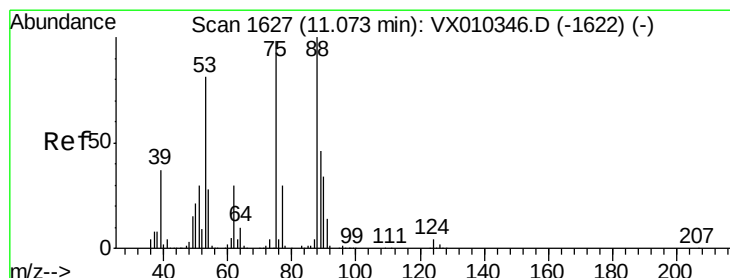
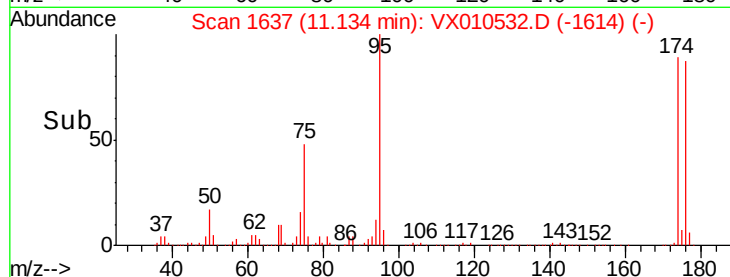
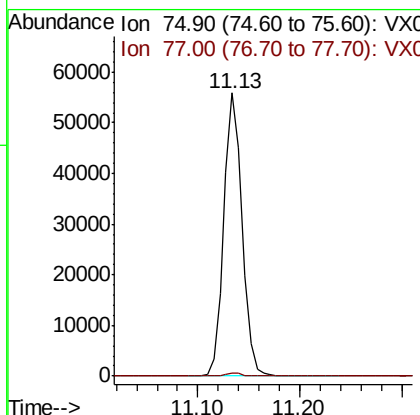
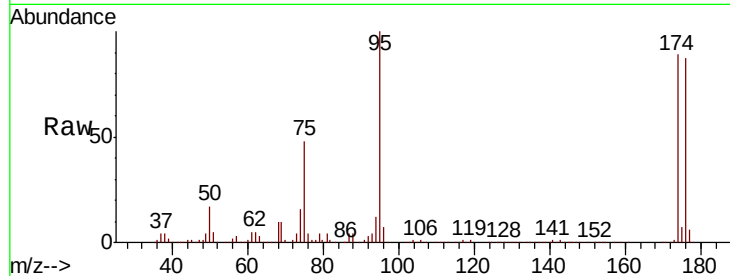




#76
 1,2,3-Trichloropropane
 Concen: 24.954 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010532.D
 Acq: 28 Jun 2019 13:27

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

Tot Ion: 75 Resp: 69848
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.214 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010532.D
 Acq: 28 Jun 2019 13:27

Tgt Ion: 75 Resp: 69848
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

