

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090820\
 Data File : VX018270.D
 Acq On : 08 Sep 2020 13:18
 Operator : JC/SP
 Sample : L3925-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 09 01:21:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	456024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	721458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	352407	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	320865	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	5.46	113	250094	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	8.70	98	870850	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.12	95	329652	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	

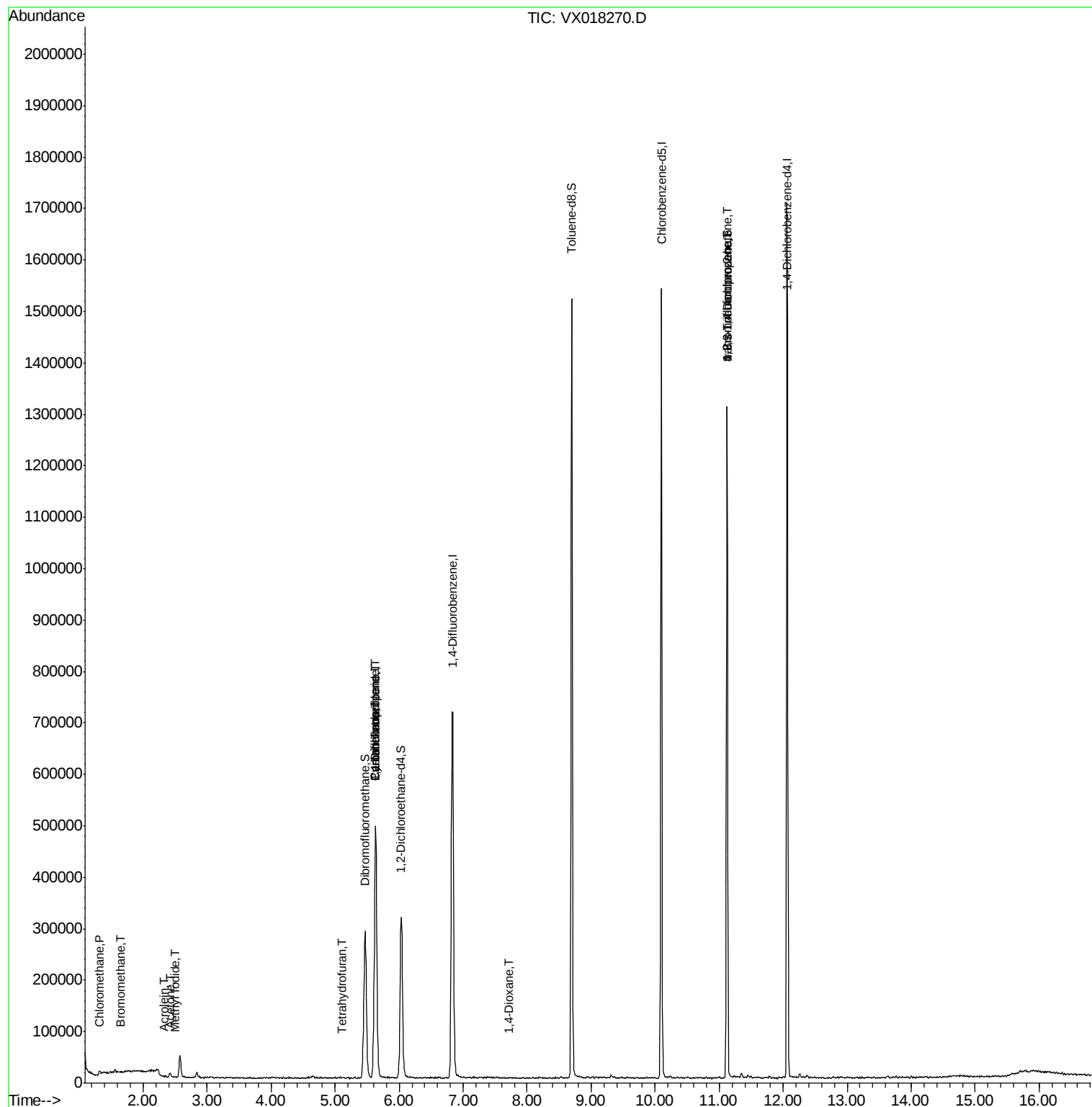
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	4590	0.784	ug/l	91
5) Bromomethane	1.65	94	959	0.341	ug/l #	30
10) Methyl Iodide	2.50	142	1011	5.483	ug/l #	87
13) Acrolein	2.32	56	202	0.396	ug/l #	1
16) Acetone	2.42	43	9942	4.030	ug/l	100
20) Methylene Chloride	2.84	84	4966	Below Cal	#	87
29) Tetrahydrofuran	5.11	42	936	0.363	ug/l #	61
31) Cyclohexane	5.63	56	9852	1.300	ug/l #	9
36) 1,1-Dichloropropene	5.63	75	35368	5.315	ug/l #	52
38) Carbon Tetrachloride	5.63	117	46845	6.247	ug/l #	17
49) 1,4-Dioxane	7.71	88	61	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	171659	21.897	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	171659	59.140	ug/l #	12

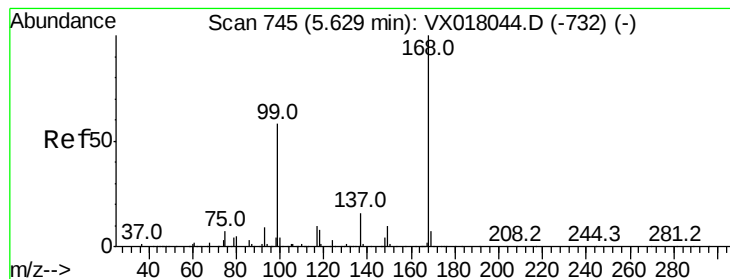
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 09 01:21:10 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

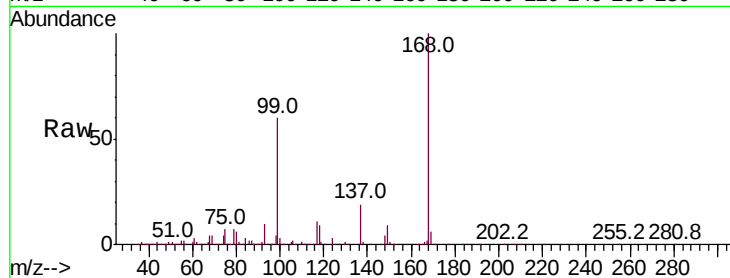
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 456024

Ion Ratio Lower Upper

168 100

99 59.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

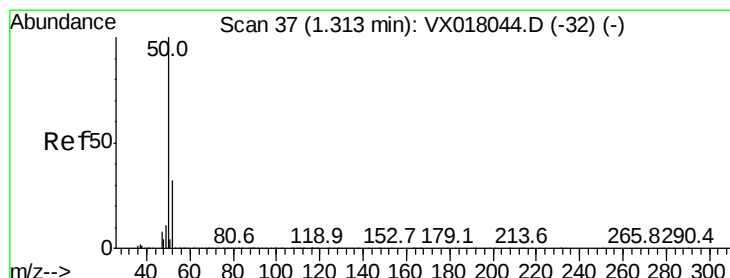
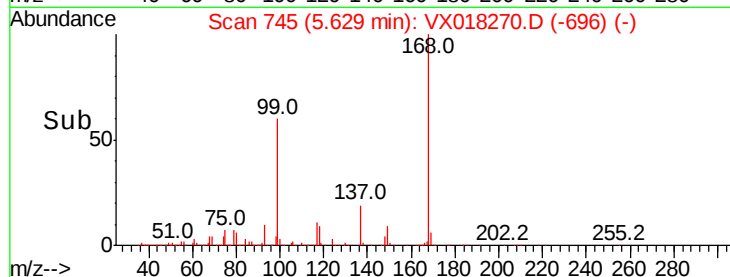
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.784 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018270.D

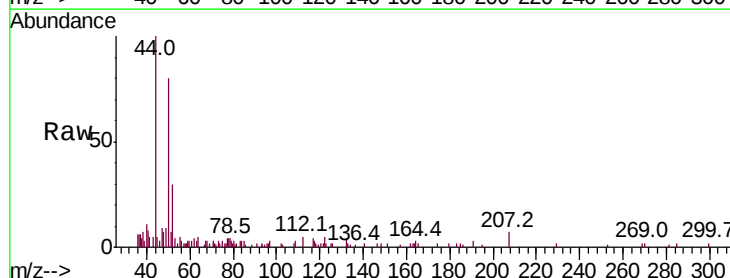
Acq: 08 Sep 2020 13:18

Tgt Ion: 50 Resp: 4590

Ion Ratio Lower Upper

50 100

52 36.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

4000

3000

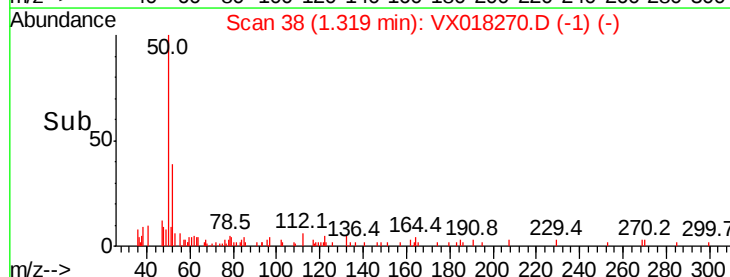
2000

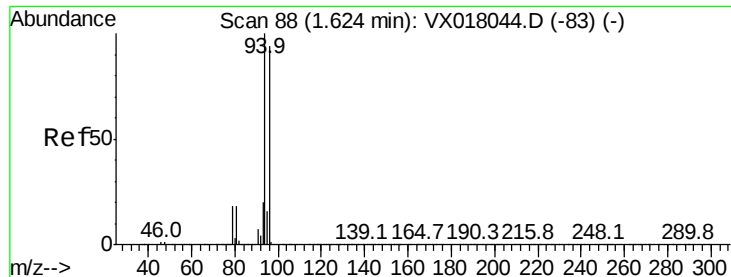
1000

0

Time-->

1.25 1.30 1.35





#5

Bromomethane

Concen: 0.341 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

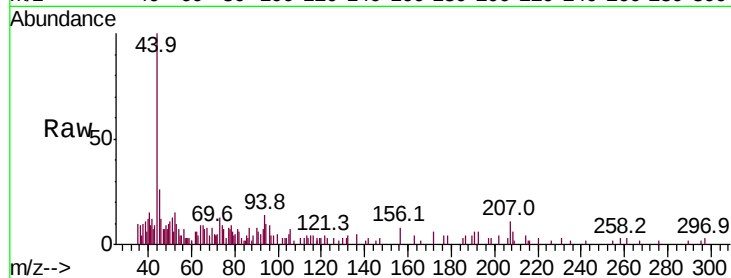
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 94 Resp: 959

Ion Ratio Lower Upper

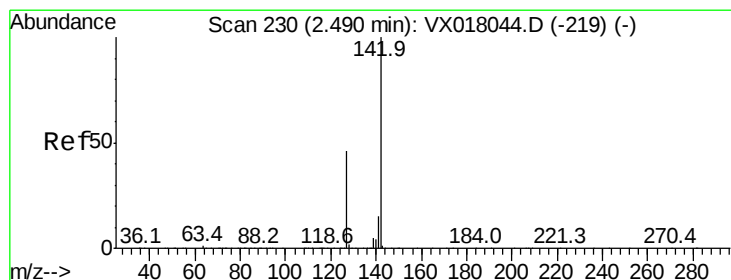
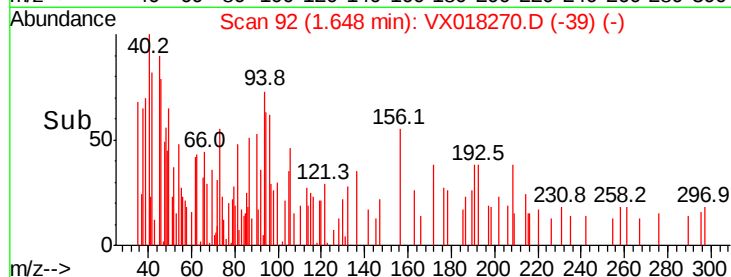
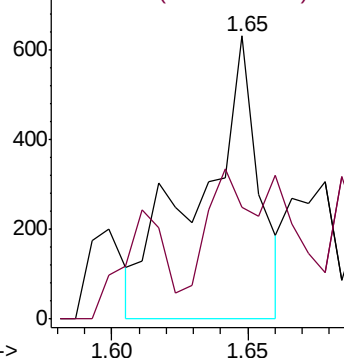
94 100

96 25.7 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 5.483 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

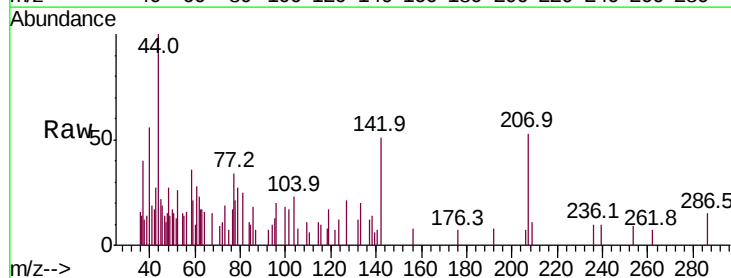
Tgt Ion: 142 Resp: 1011

Ion Ratio Lower Upper

142 100

127 36.5 37.0 55.6#

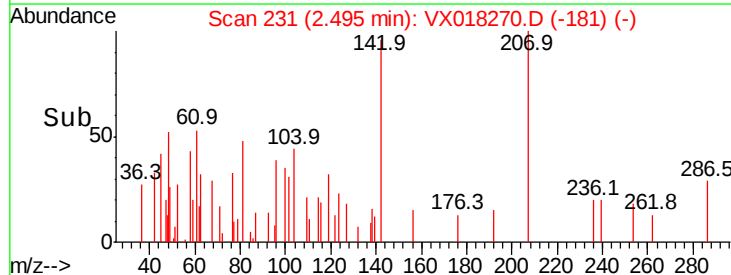
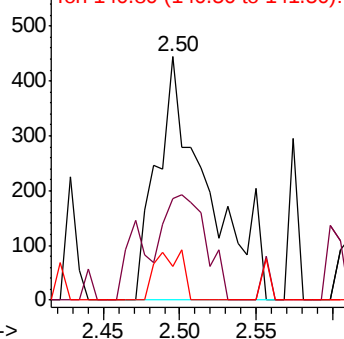
141 11.2 11.5 17.3#

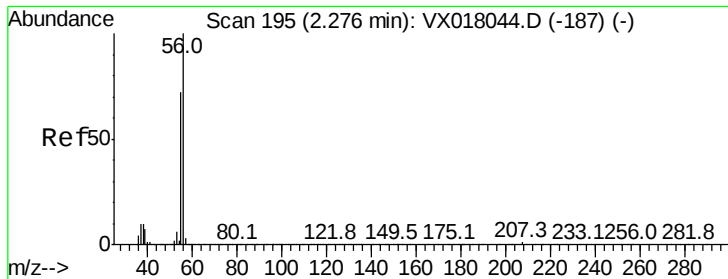


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.396 ug/l

RT: 2.32 min Scan# 202

Delta R.T. 0.04 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

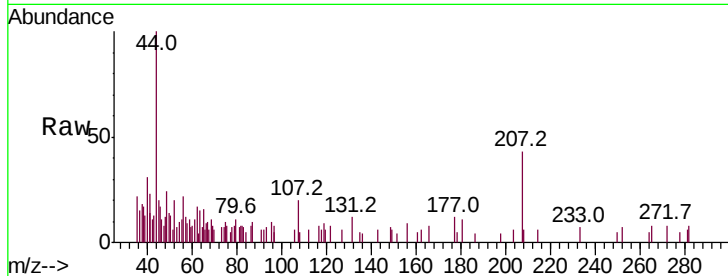
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 56 Resp: 202

Ion Ratio Lower Upper

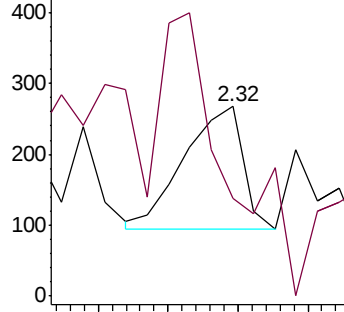
56 100

55 257.9 57.0 85.6#

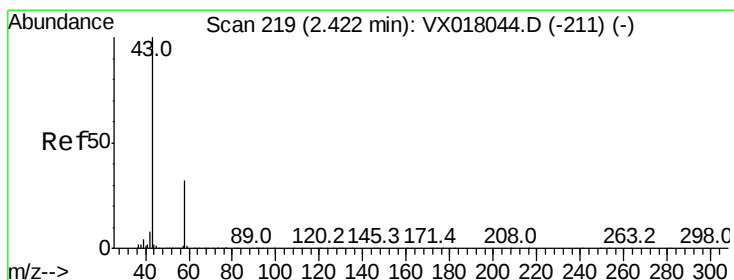
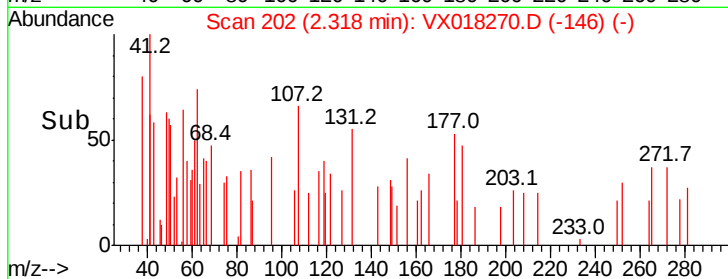


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 4.030 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018270.D

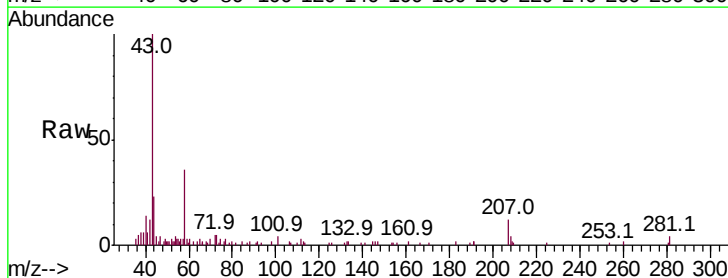
Acq: 08 Sep 2020 13:18

Tgt Ion: 43 Resp: 9942

Ion Ratio Lower Upper

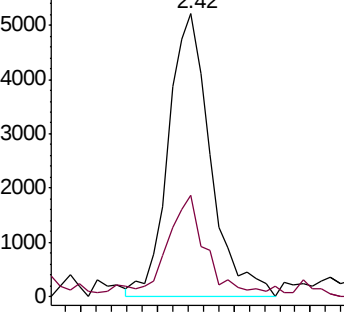
43 100

58 31.8 25.5 38.3

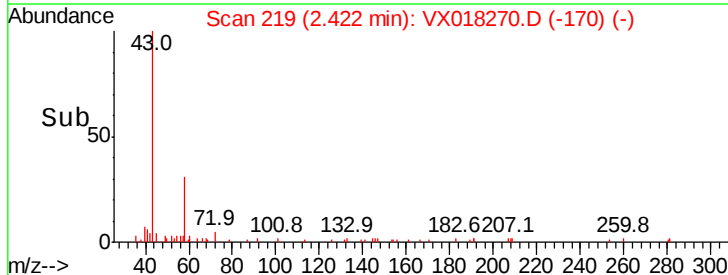


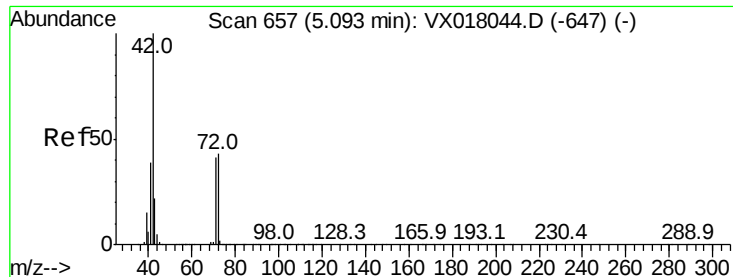
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

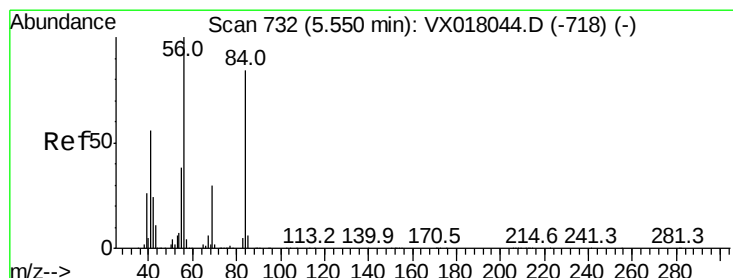
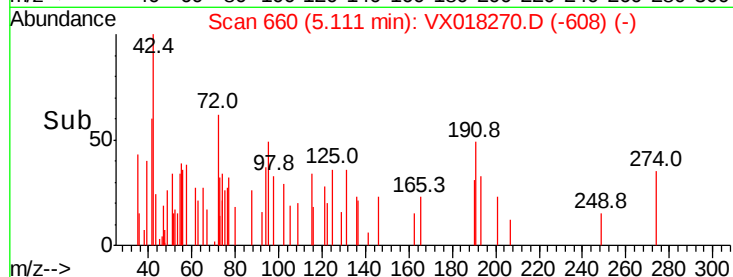
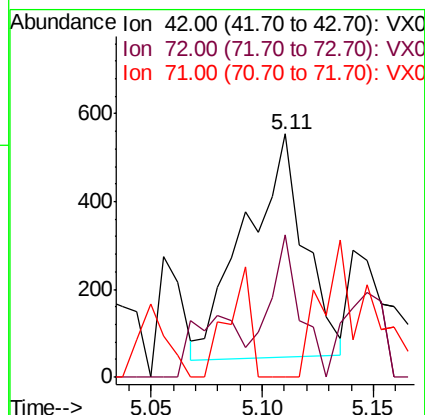
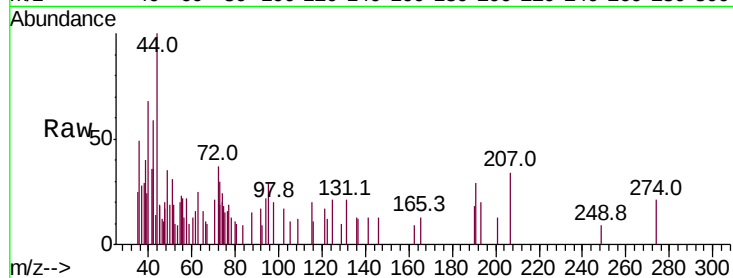




#29
Tetrahydrofuran
Concen: 0.363 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX018270.D
Acq: 08 Sep 2020 13:18

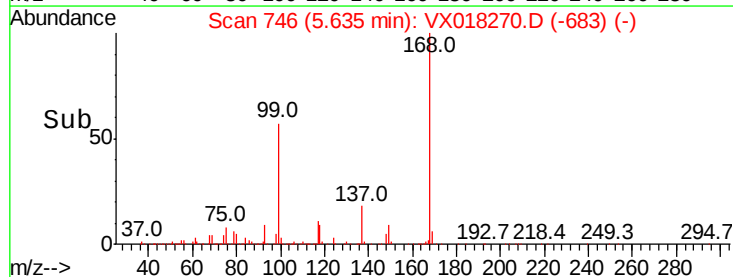
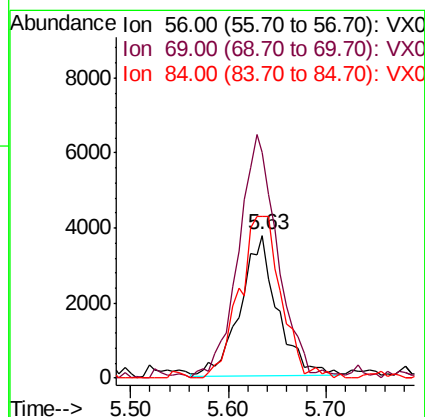
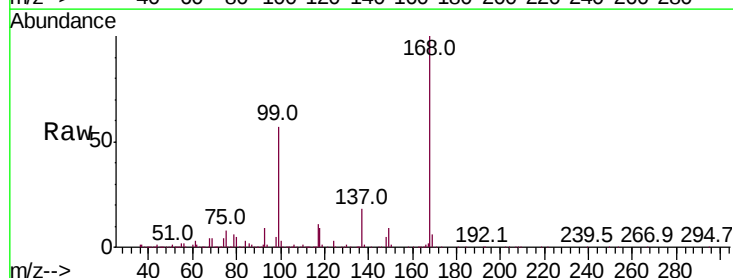
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

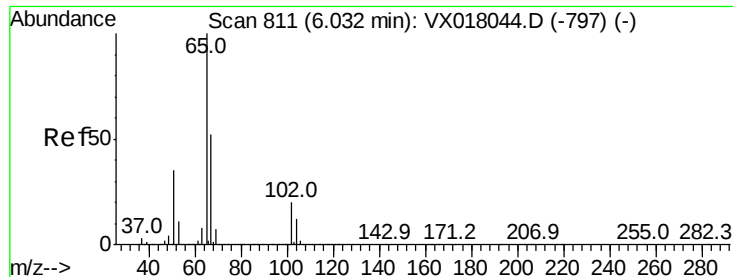
Tot Ion: 42 Resp: 936
Ion Ratio Lower Upper
42 100
72 33.3 34.2 51.4#
71 0.0 32.1 48.1#



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.08 min
Lab File: VX018270.D
Acq: 08 Sep 2020 13:18

Tgt Ion: 56 Resp: 9852
Ion Ratio Lower Upper
56 100
69 162.5 23.9 35.9#
84 116.2 67.0 100.4#





#33

1,2-Dichloroethane-d4

Concen: 50.683 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

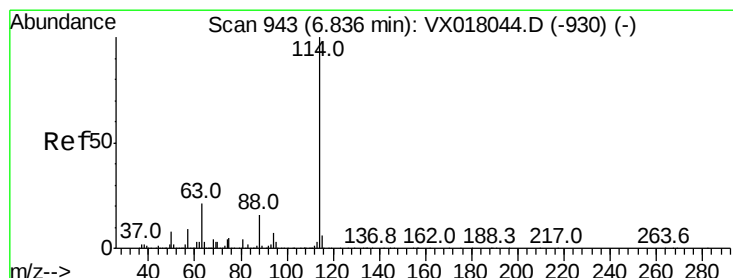
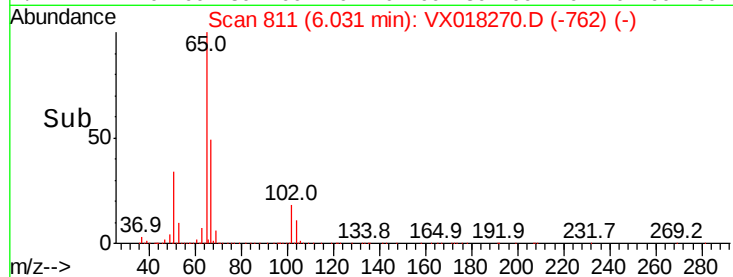
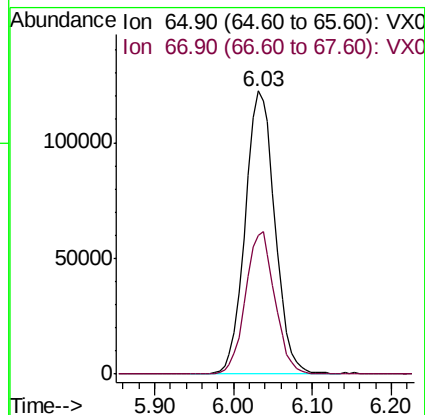
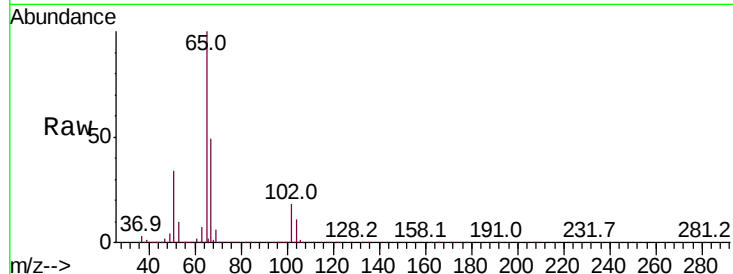
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 65 Resp: 320865

Ion Ratio Lower Upper

65 100

67 49.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

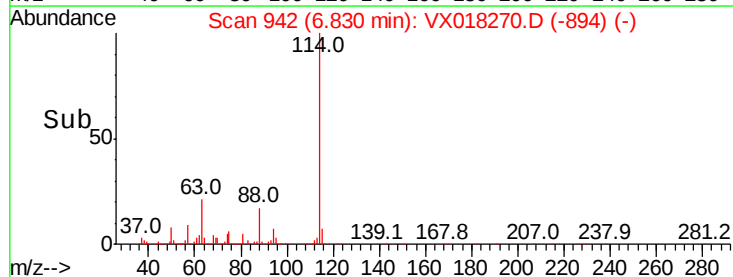
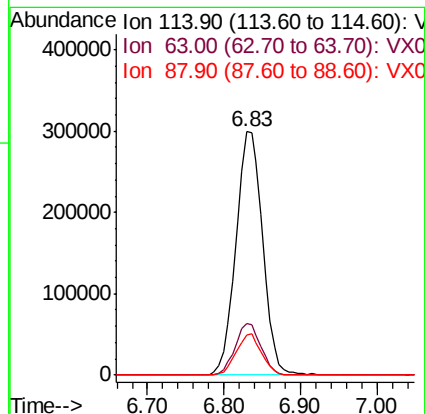
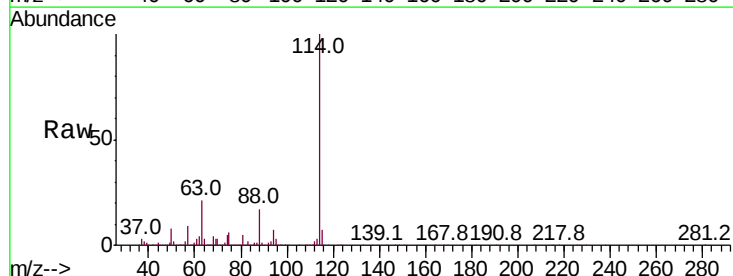
Tgt Ion: 114 Resp: 721458

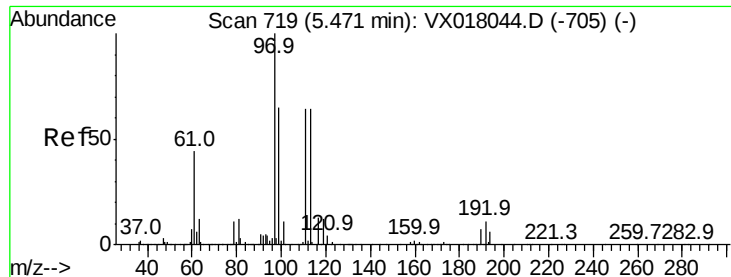
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.900 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

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

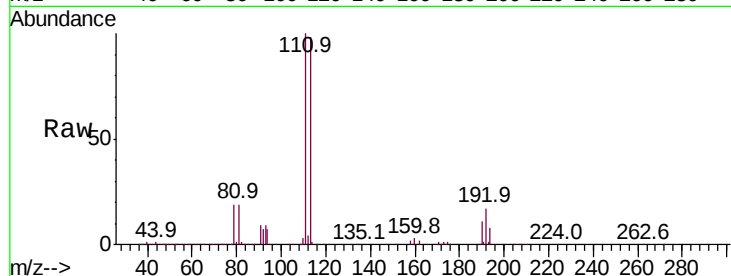
Tot Ion:113 Resp: 250094

Ion Ratio Lower Upper

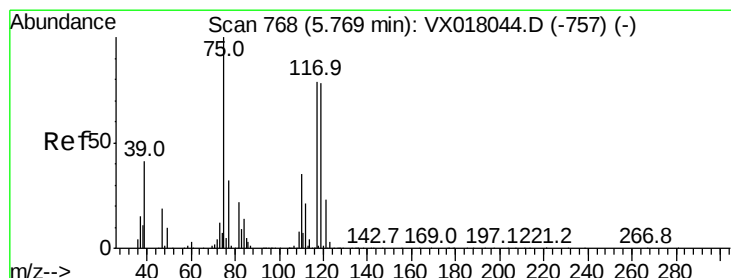
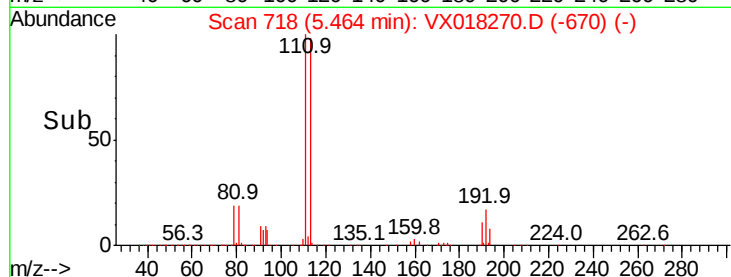
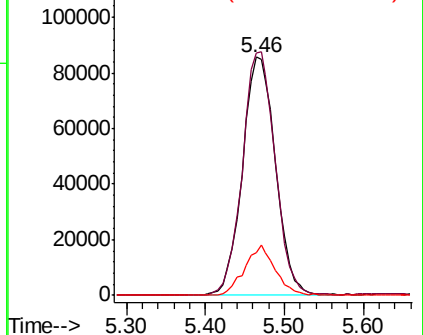
113 100

111 101.0 81.6 122.4

192 19.4 15.8 23.8



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: 5.315 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

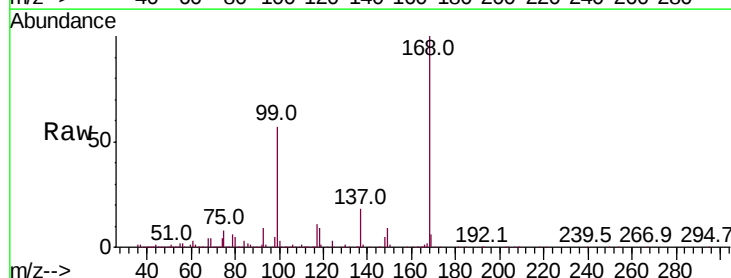
Tgt Ion: 75 Resp: 35368

Ion Ratio Lower Upper

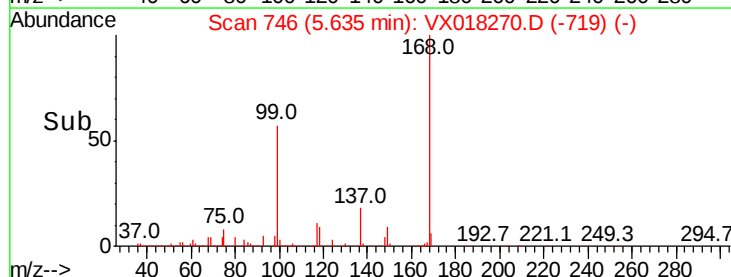
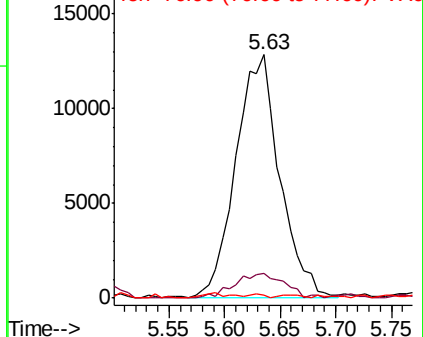
75 100

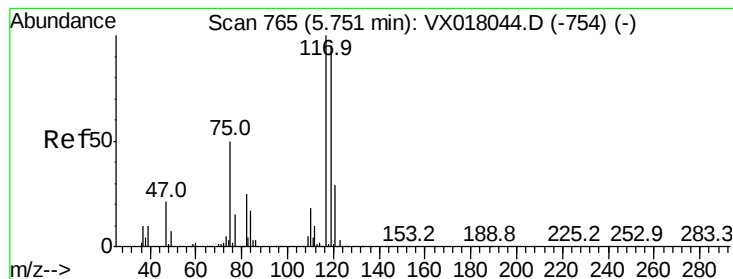
110 11.4 18.0 54.0#

77 0.6 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.247 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

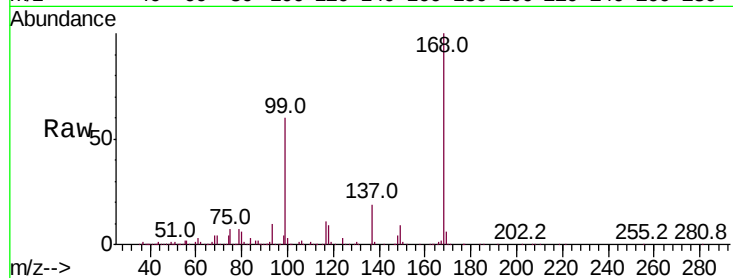
Tot Ion:117 Resp: 46845

Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.6#

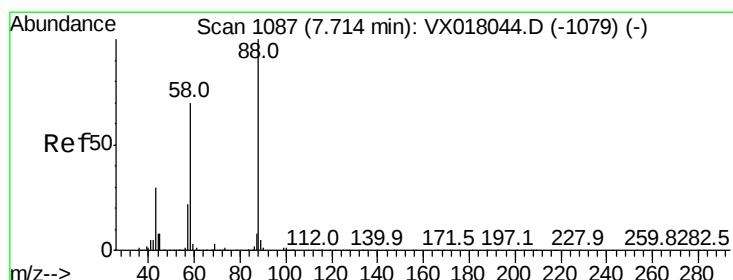
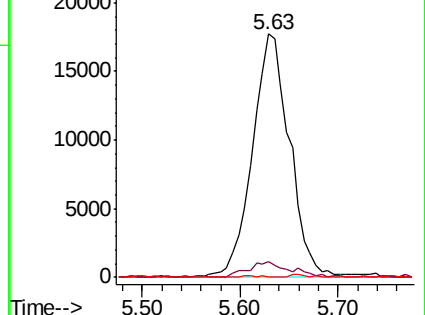
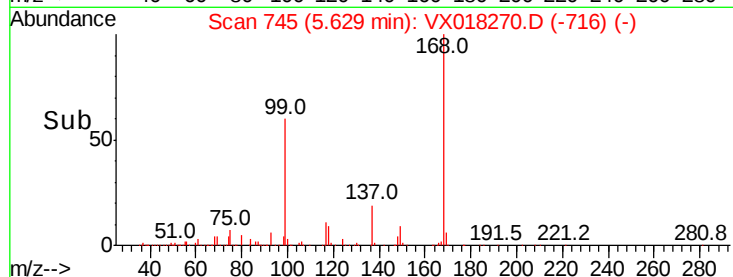
121 0.0 23.4 35.0#



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: 0.542 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

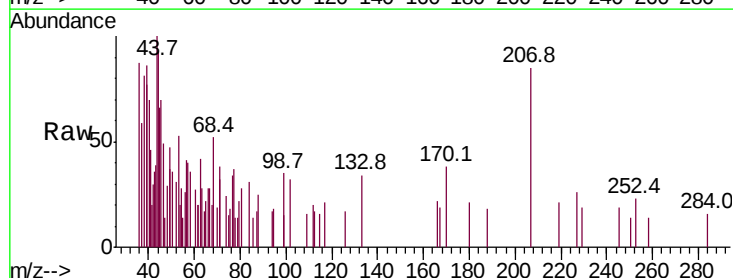
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 236.1 27.4 41.0#

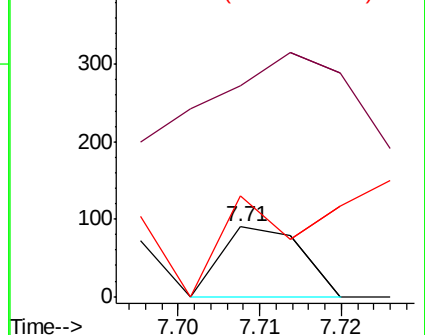
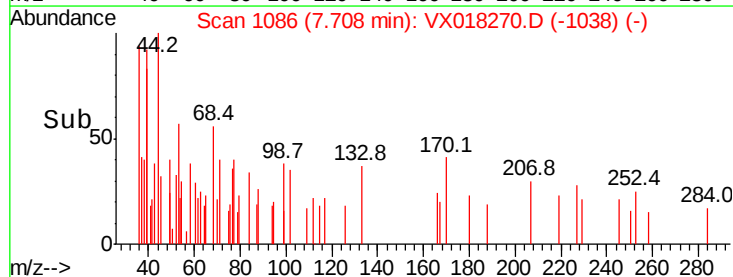
58 0.0 56.4 84.6#

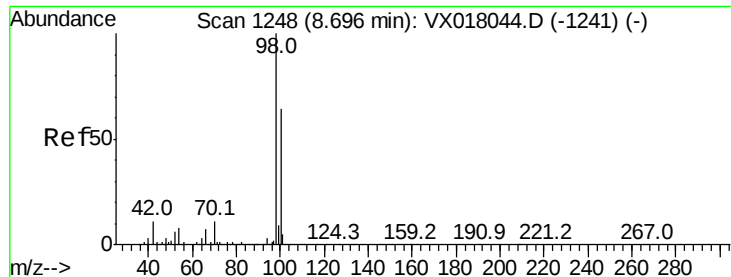


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.586 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

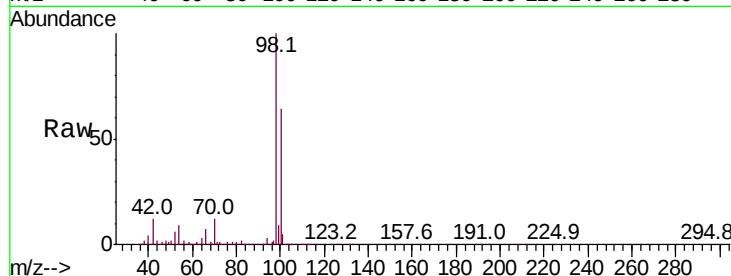
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 870850

Ion Ratio Lower Upper

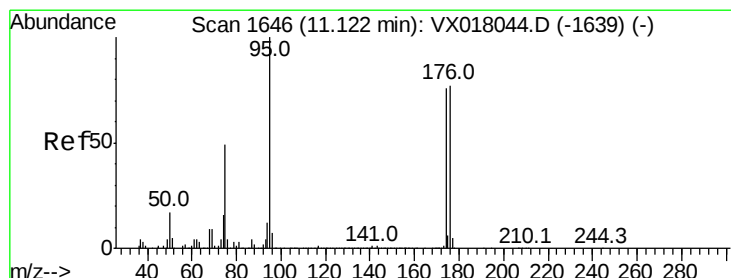
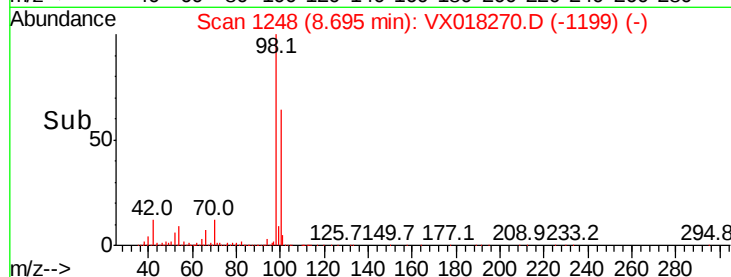
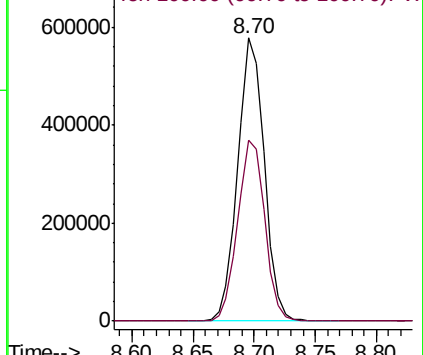
98 100

100 65.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.784 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

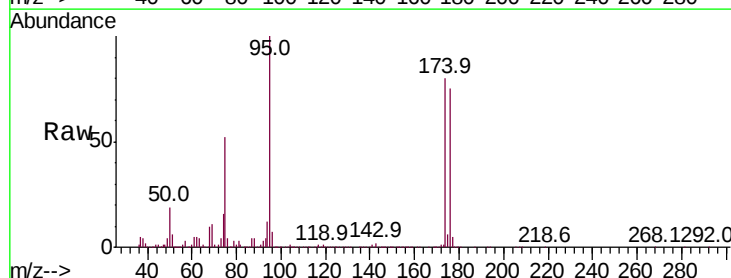
Tgt Ion: 95 Resp: 329652

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.2

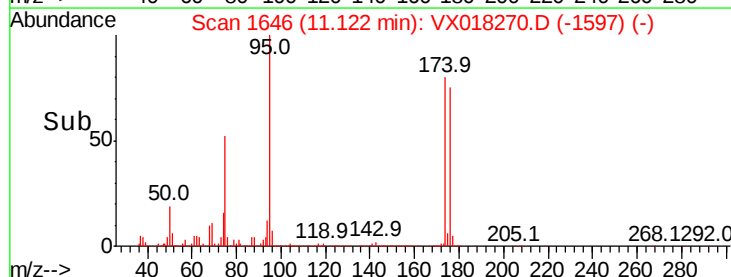
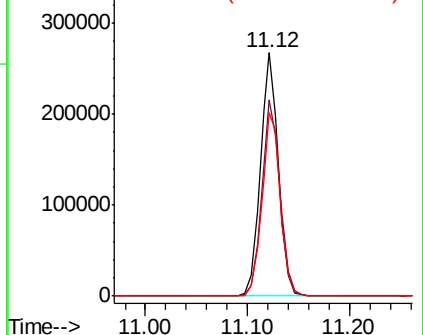
176 76.6 0.0 155.8

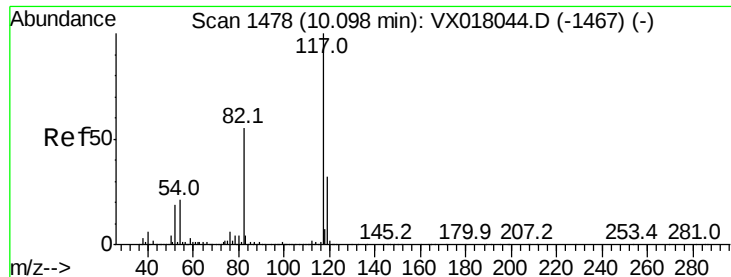


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

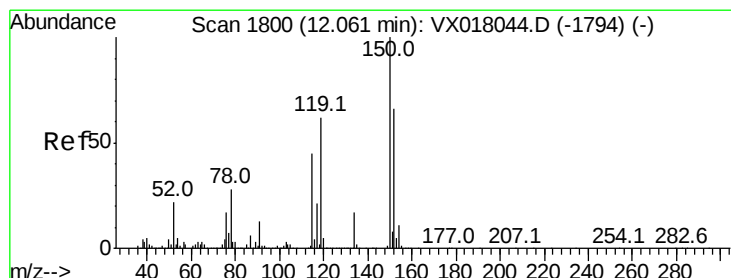
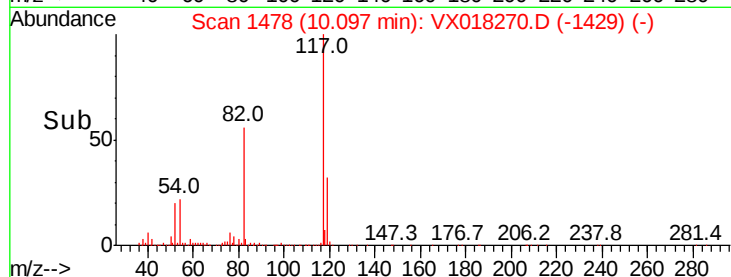
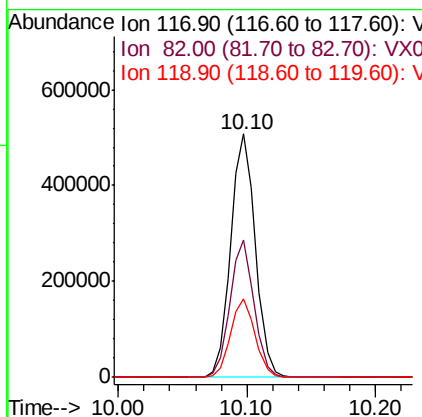
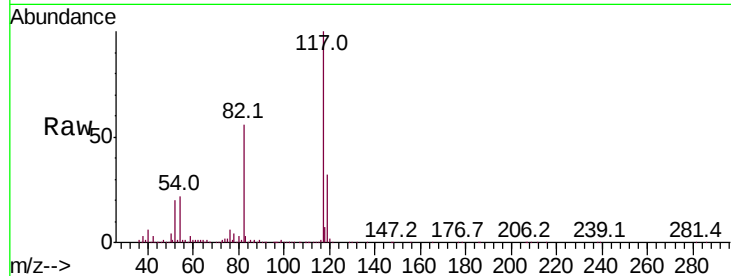




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018270.D
Acq: 08 Sep 2020 13:18

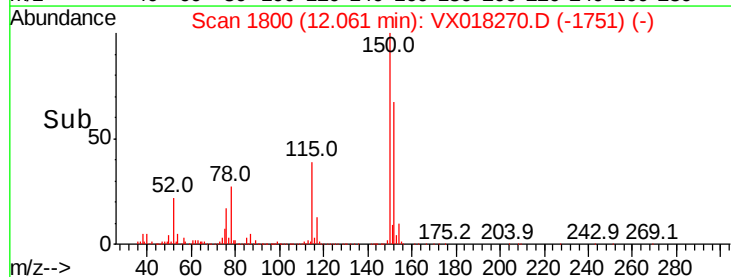
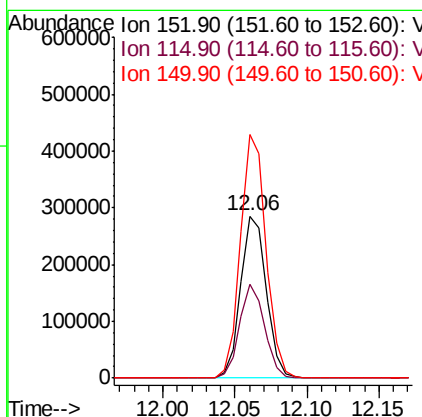
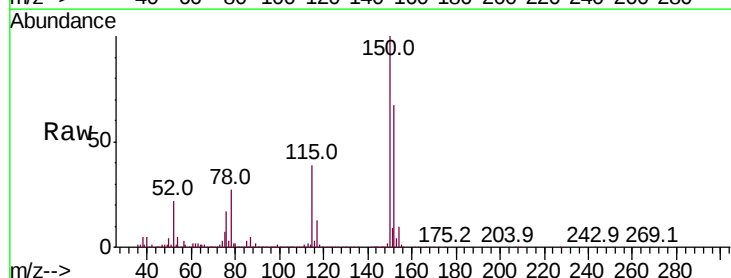
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

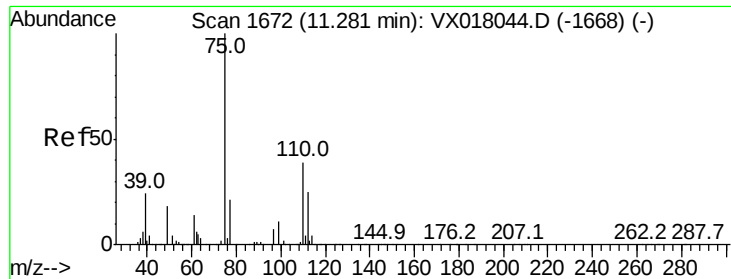
Tot Ion:117 Resp: 681210
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018270.D
Acq: 08 Sep 2020 13:18

Tgt Ion:152 Resp: 352407
Ion Ratio Lower Upper
152 100
115 56.4 41.5 124.5
150 150.0 0.0 343.8





#76

1,2,3-Trichloropropane

Concen: 21.897 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

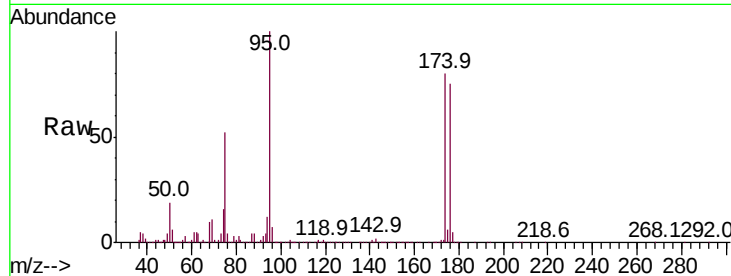
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 171659

Ion Ratio Lower Upper

75 100

77 1.2 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

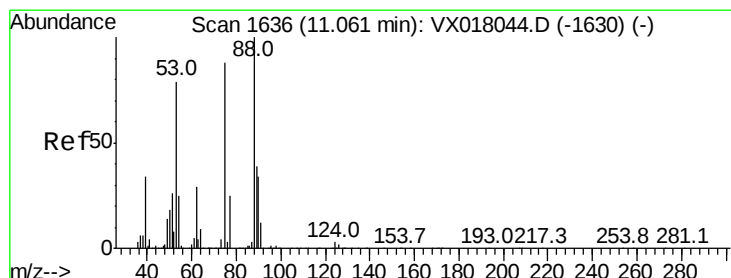
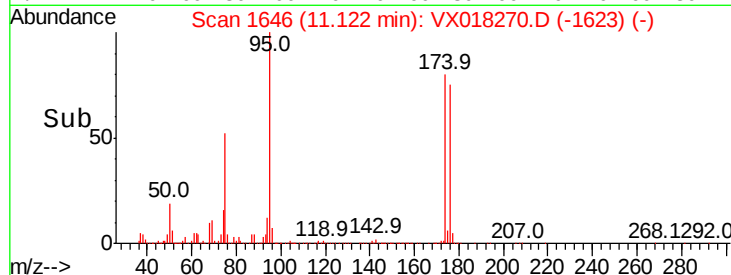
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.140 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018270.D

Acq: 08 Sep 2020 13:18

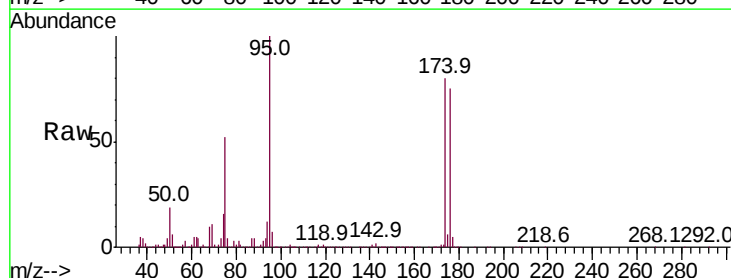
Tgt Ion: 75 Resp: 171659

Ion Ratio Lower Upper

75 100

53 0.4 74.7 112.1#

89 0.1 36.6 54.8#



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

11.12

150000

100000

50000

0

Time-->

