

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090820\
 Data File : VX018272.D
 Acq On : 08 Sep 2020 14:03
 Operator : JC/SP
 Sample : L3808-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 09 01:21:47 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	5.64	168	449284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	732118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	691391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	353537	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	321635	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
35) Dibromofluoromethane	5.47	113	248210	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	8.70	98	889594	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.12	95	329558	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	

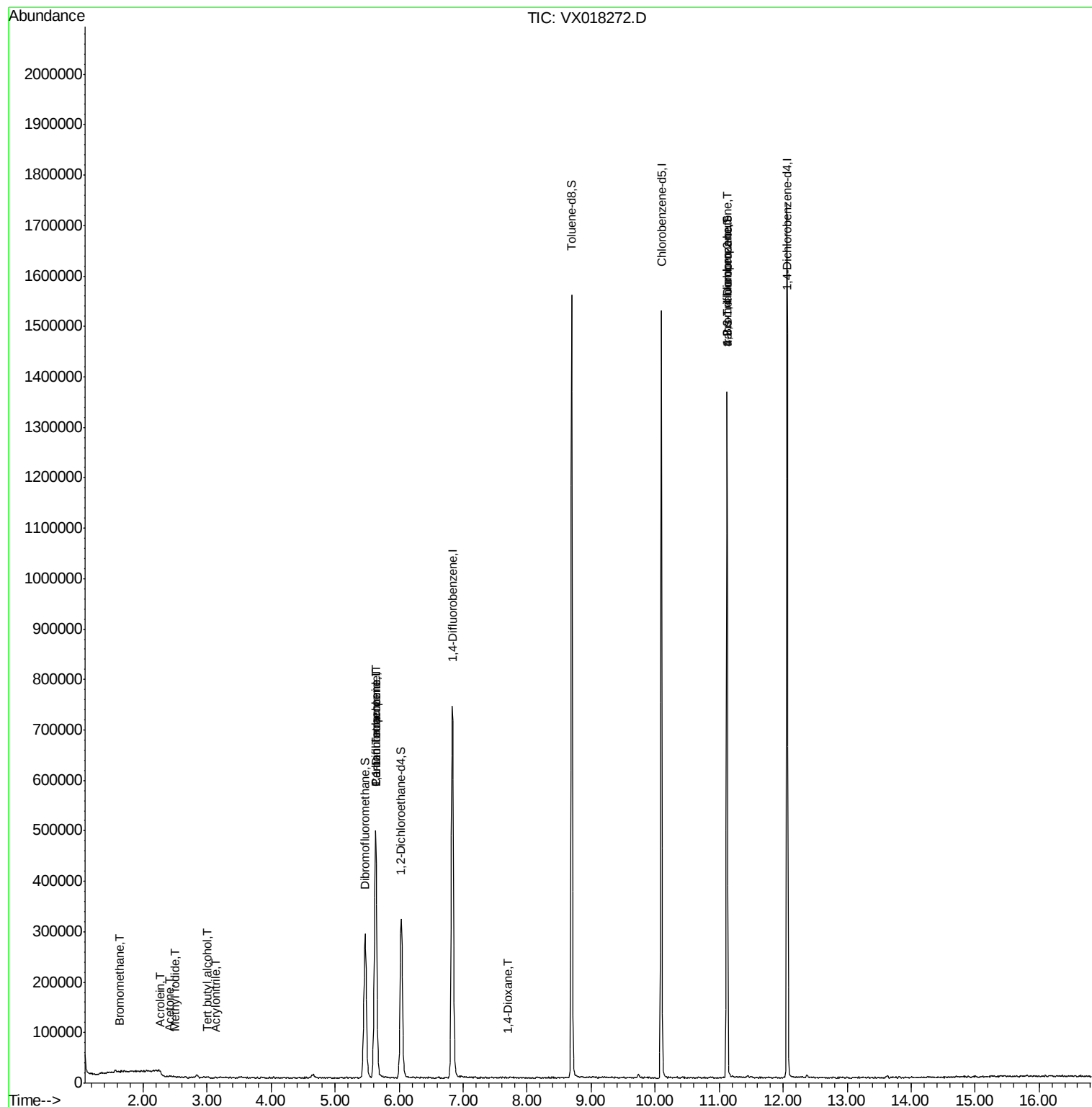
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	901	0.325	ug/l #	75
10) Methyl Iodide	2.50	142	347	5.355	ug/l #	83
11) Tert butyl alcohol	3.00	59	892	0.736	ug/l #	63
13) Acrolein	2.28	56	304	0.605	ug/l #	1
15) Acrylonitrile	3.12	53	632	0.230	ug/l #	70
16) Acetone	2.41	43	2667	1.097	ug/l	97
20) Methylene Chloride	2.84	84	2827	Below Cal	#	59
36) 1,1-Dichloropropene	5.63	75	35574	5.268	ug/l #	53
38) Carbon Tetrachloride	5.63	117	46417	6.100	ug/l #	16
49) 1,4-Dioxane	7.70	88	58	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	172713	21.961	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	172713	59.313	ug/l #	12

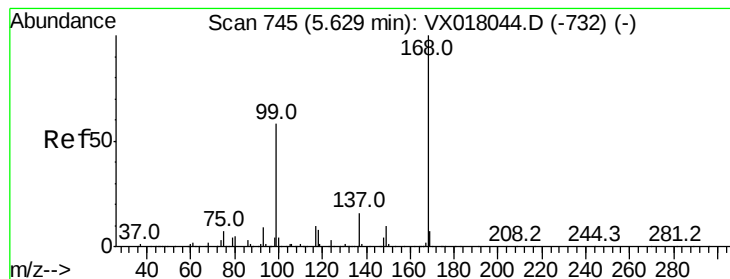
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 09 01:21:47 2020
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

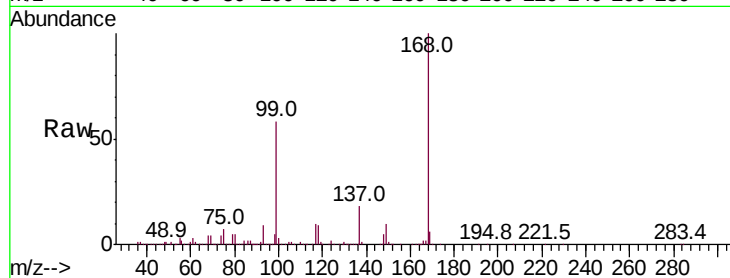
TRIP-BLANK

Tot Ion:168 Resp: 449284

Ion Ratio Lower Upper

168 100

99 57.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

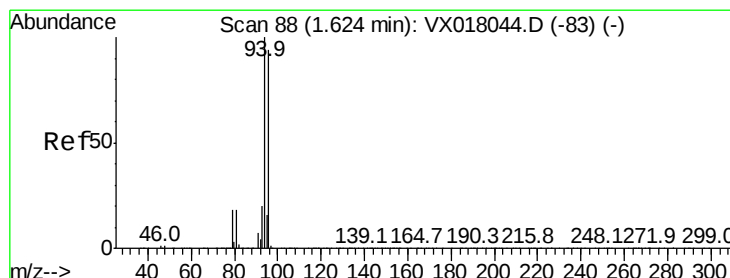
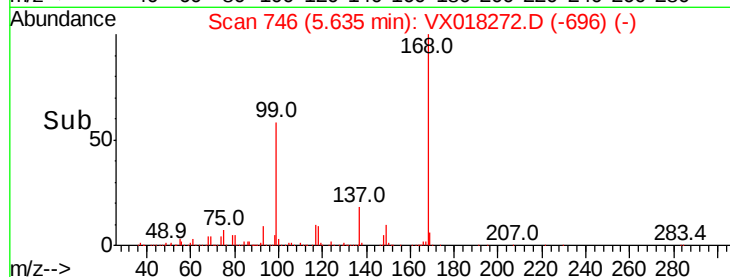
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.325 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018272.D

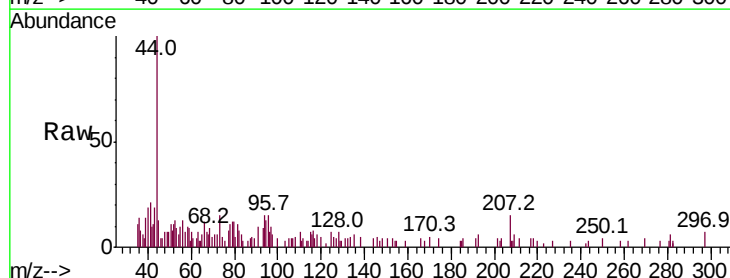
Acq: 08 Sep 2020 14:03

Tgt Ion: 94 Resp: 901

Ion Ratio Lower Upper

94 100

96 69.2 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1000

800

600

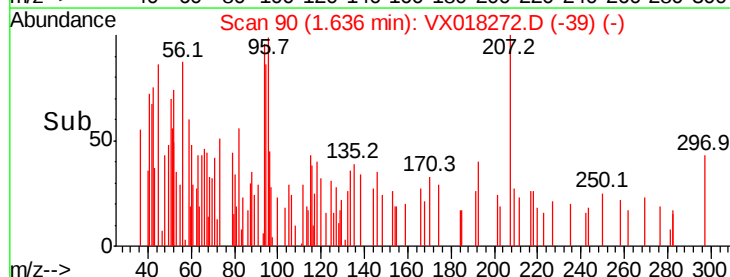
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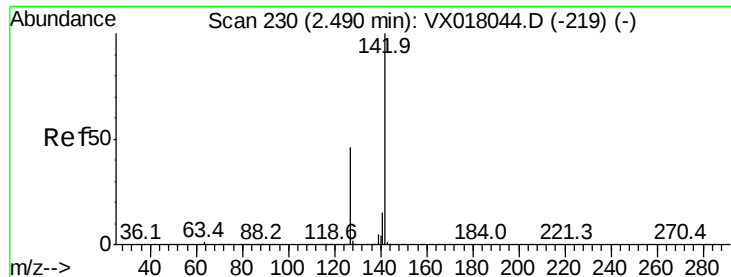
200

0

Time-->

1.60 1.65 1.70

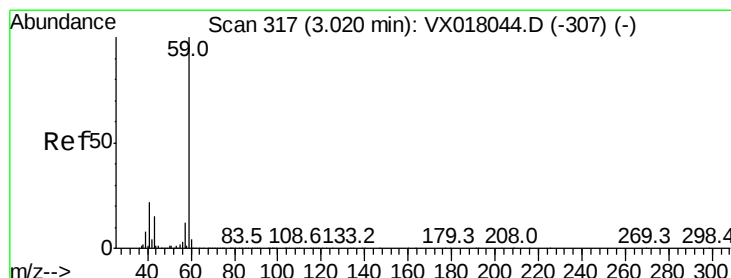
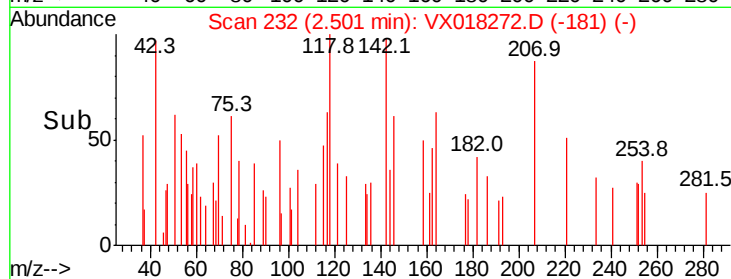
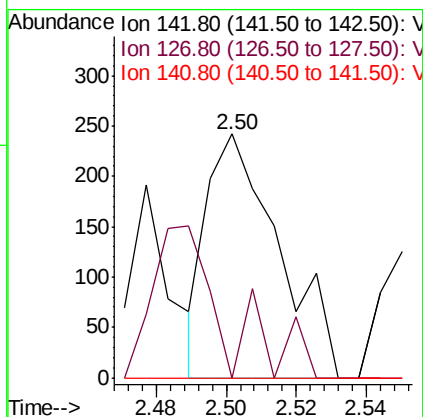
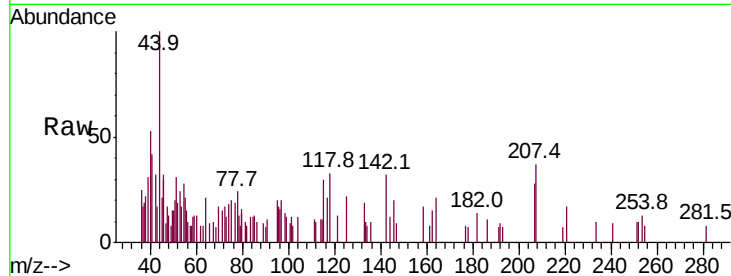




#10
Methyl Iodide
Concen: 5.355 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX018272.D
Acq: 08 Sep 2020 14:03

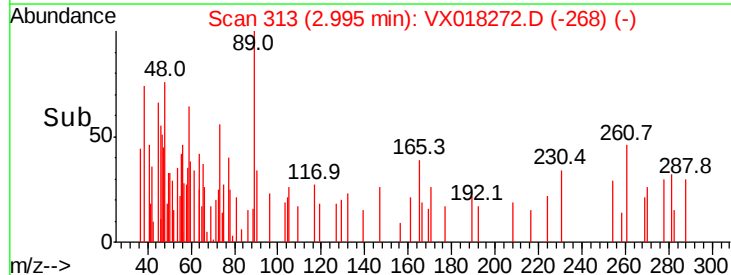
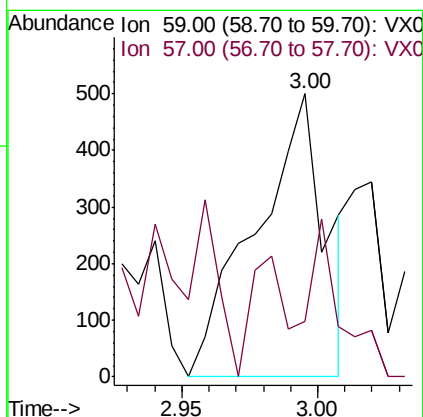
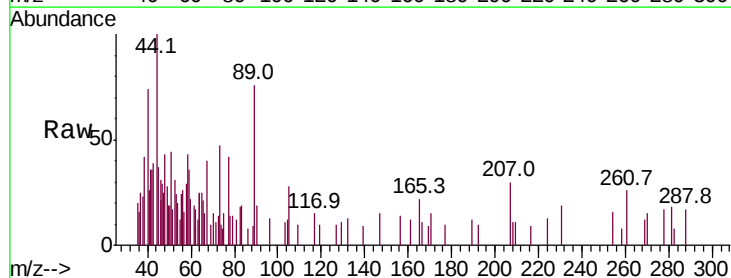
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

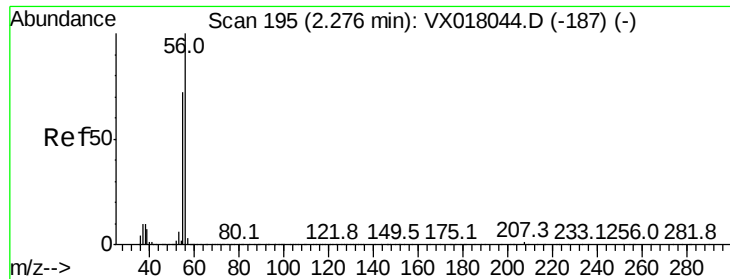
Tot Ion:142 Resp: 347
Ion Ratio Lower Upper
142 100
127 53.6 37.0 55.6
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.736 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX018272.D
Acq: 08 Sep 2020 14:03

Tgt Ion: 59 Resp: 892
Ion Ratio Lower Upper
59 100
57 25.3 8.9 13.3#

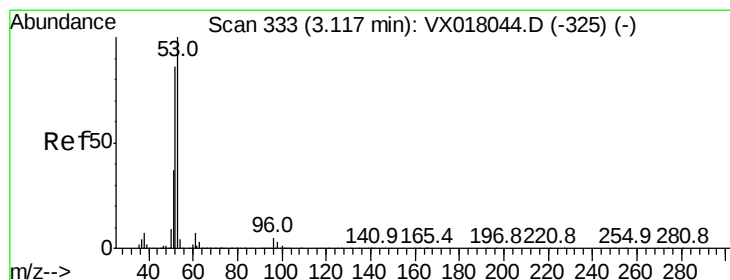
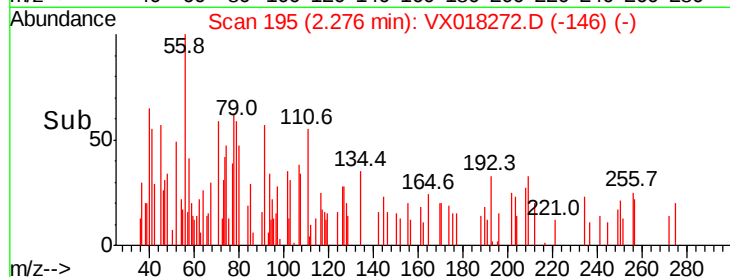
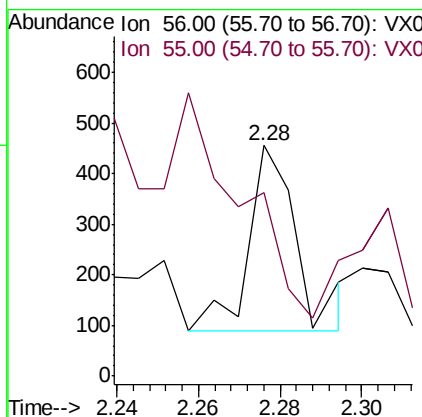
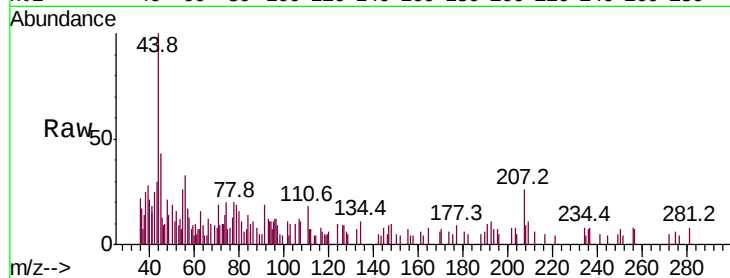




#13
Acrolein
Concen: 0.605 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018272.D
Acq: 08 Sep 2020 14:03

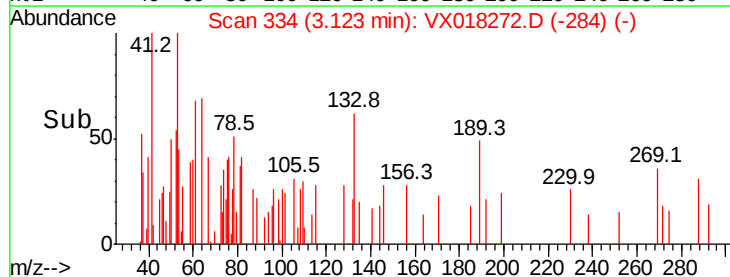
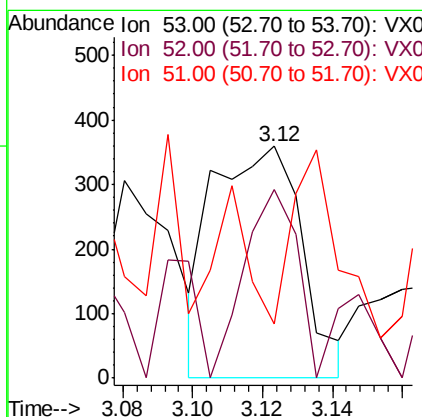
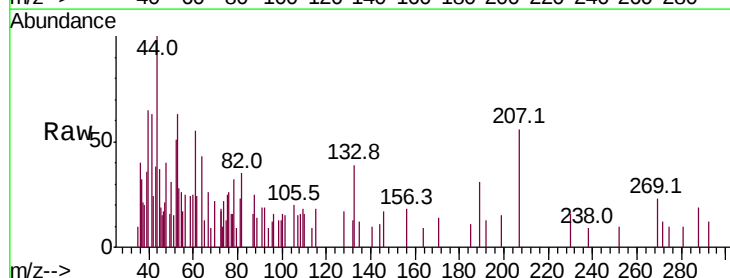
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

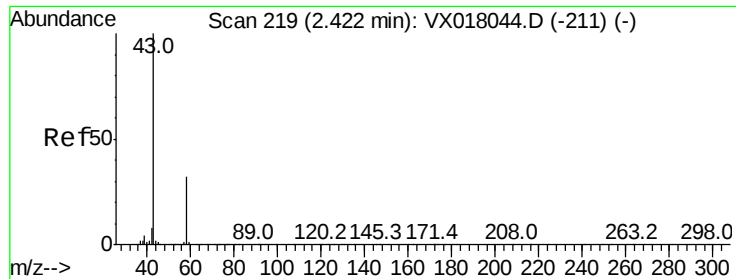
Tot Ion: 56 Resp: 304
Ion Ratio Lower Upper
56 100
55 273.4 57.0 85.6#



#15
Acrylonitrile
Concen: 0.230 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX018272.D
Acq: 08 Sep 2020 14:03

Tgt Ion: 53 Resp: 632
Ion Ratio Lower Upper
53 100
52 48.6 66.9 100.3#
51 41.1 28.7 43.1





#16

Acetone

Concen: 1.097 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Instrument :

MSVOA_X

ClientSampled :

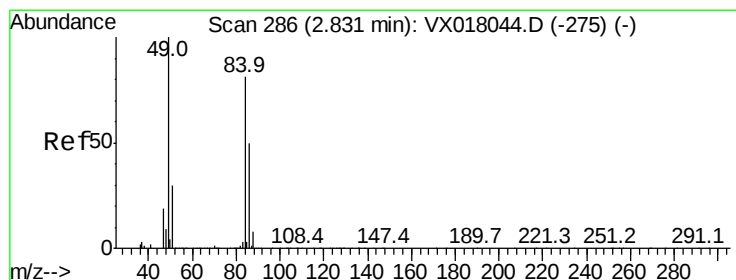
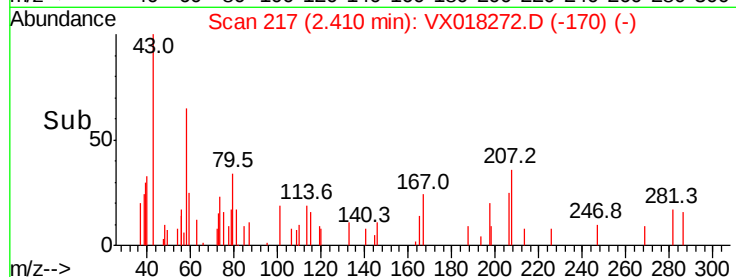
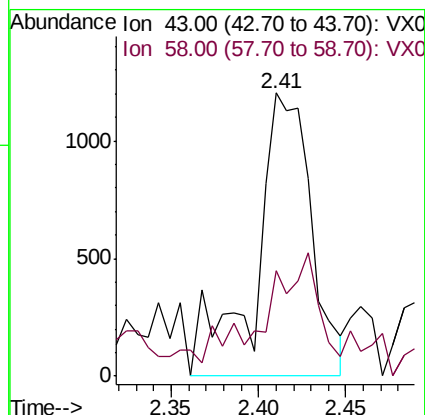
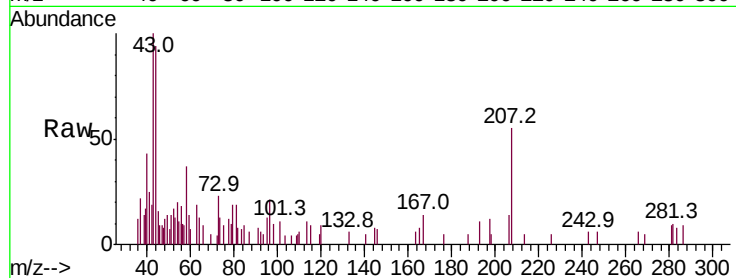
TRIP-BLANK

Tot Ion: 43 Resp: 2667

Ion Ratio Lower Upper

43 100

58 30.3 25.5 38.3



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 288

Delta R.T. 0.01 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Tgt Ion: 84 Resp: 2827

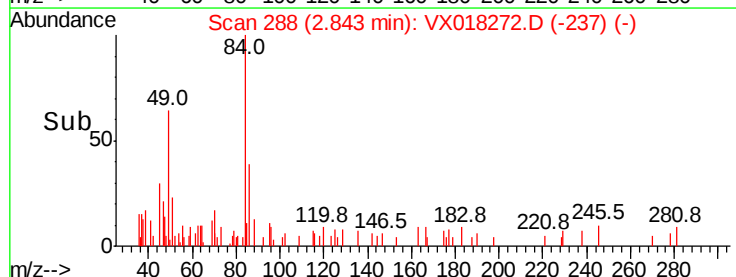
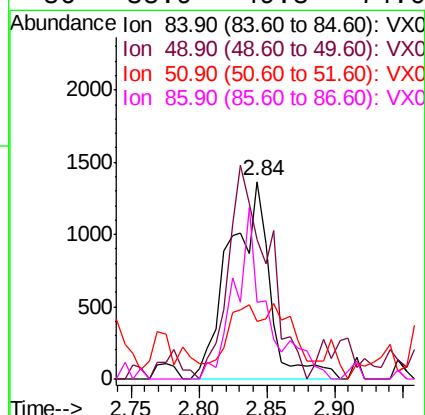
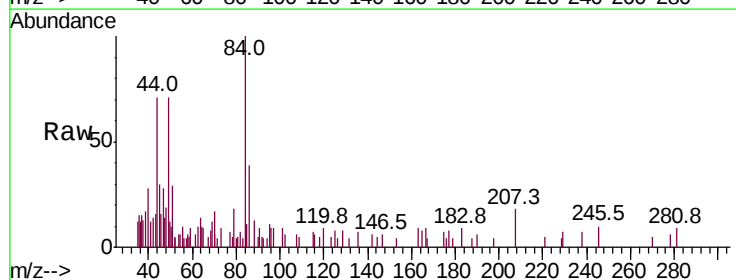
Ion Ratio Lower Upper

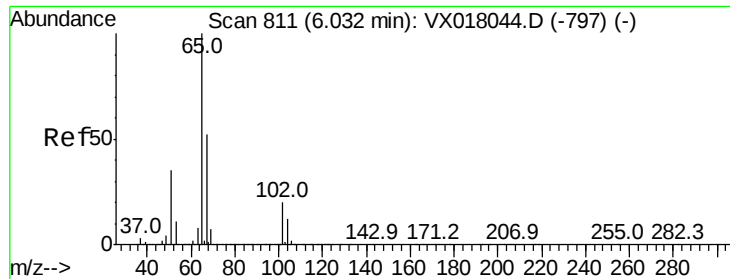
84 100

49 66.2 98.6 148.0#

51 22.2 29.6 44.4#

86 38.9 49.8 74.6#





#33

1,2-Dichloroethane-d4

Concen: 51.567 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

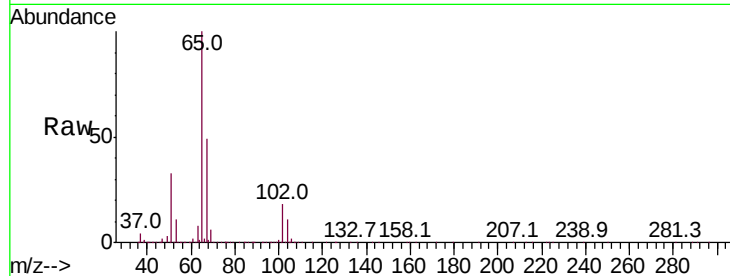
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Tot Ion: 65 Resp: 321635

Ion Ratio Lower Upper

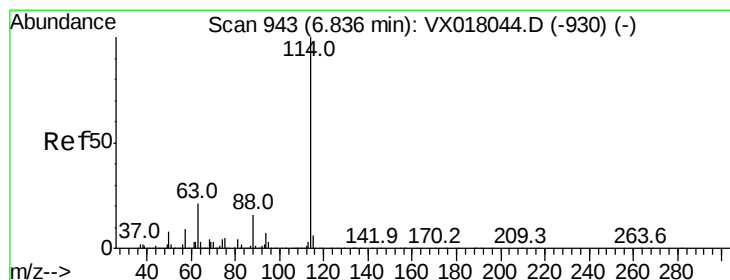
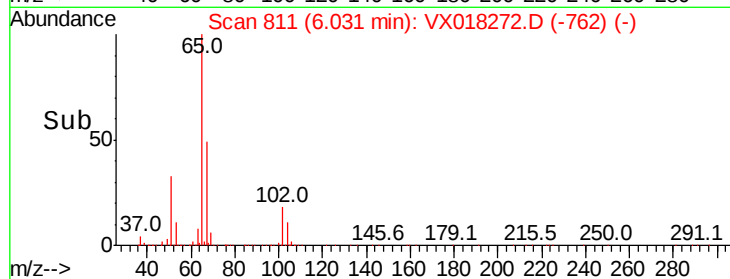
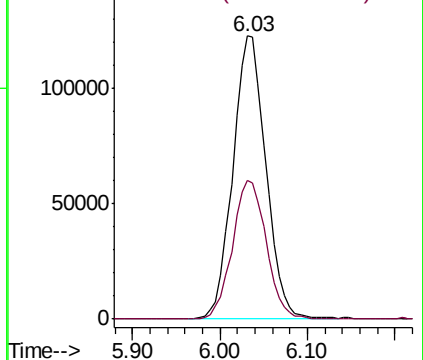
65 100

67 50.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

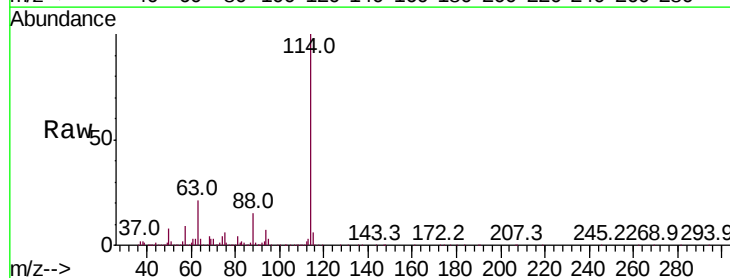
Tgt Ion: 114 Resp: 732118

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

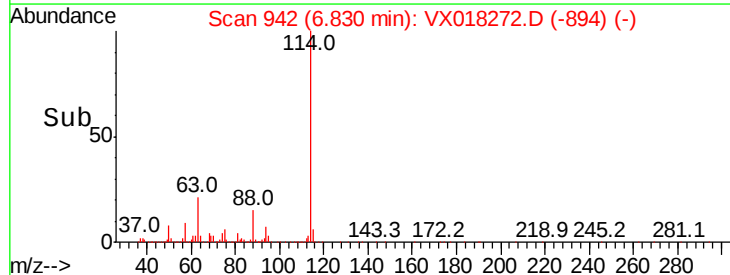
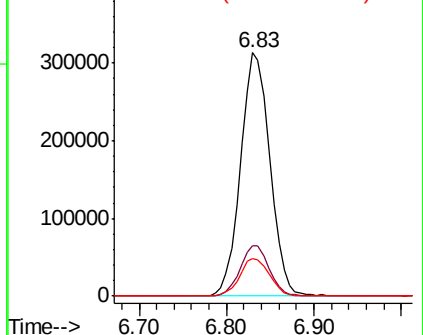
88 15.4 0.0 31.8

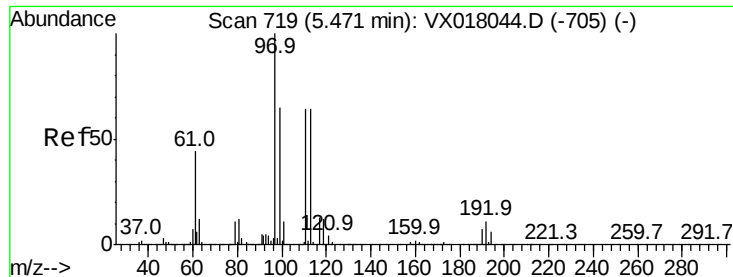


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

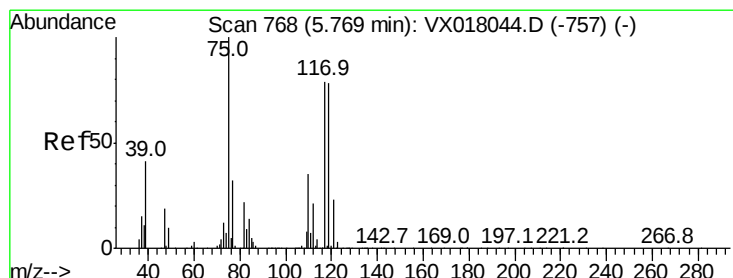
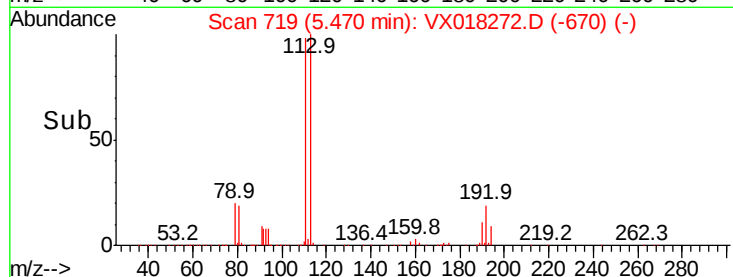
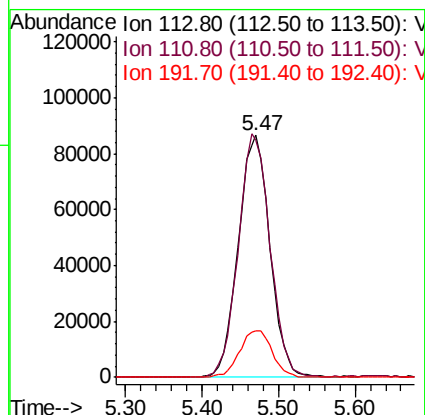
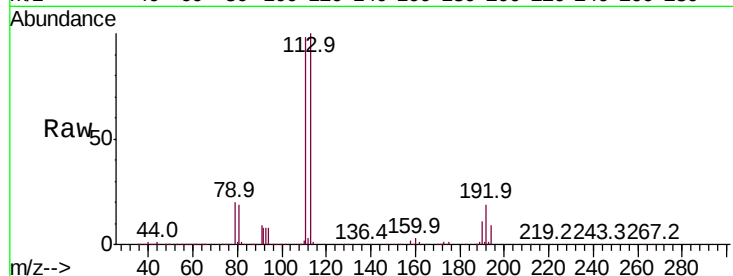




#35
 Dibromofluoromethane
 Concen: 49.781 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018272.D
 Acq: 08 Sep 2020 14:03

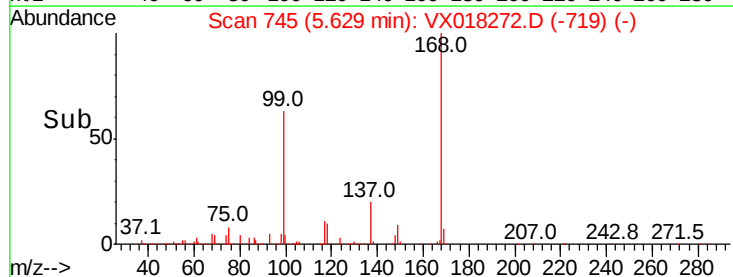
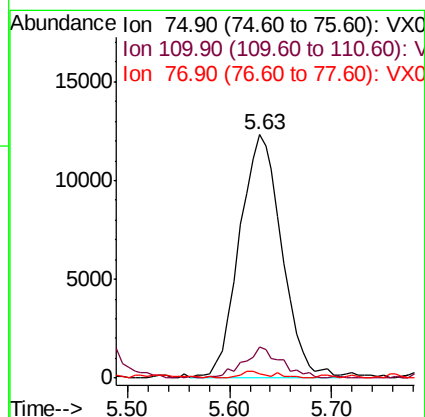
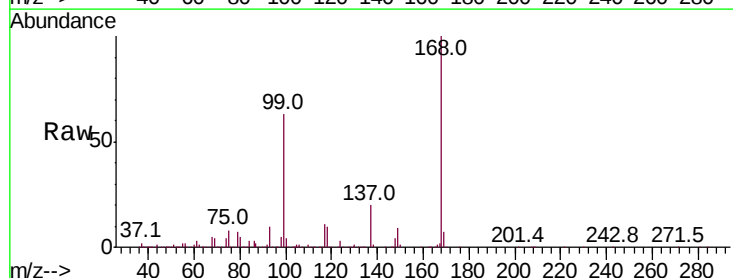
Instrument :
 MSVOA_X
 ClientSampleId :
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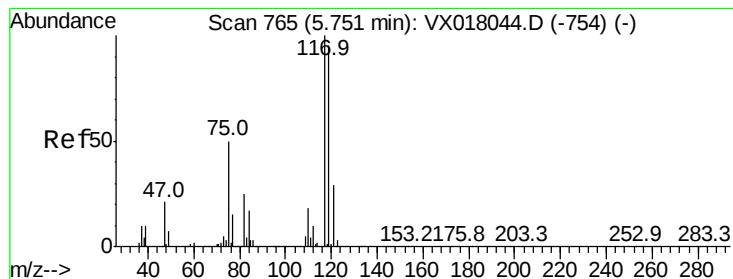
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.6	122.4
192	20.1	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.268 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX018272.D
 Acq: 08 Sep 2020 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.5	18.0	54.0#
77	1.4	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 6.100 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

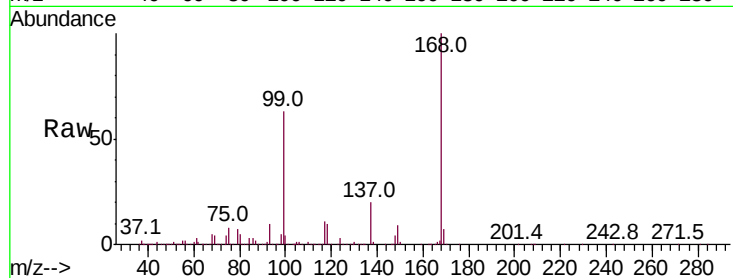
Tot Ion:117 Resp: 46417

Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

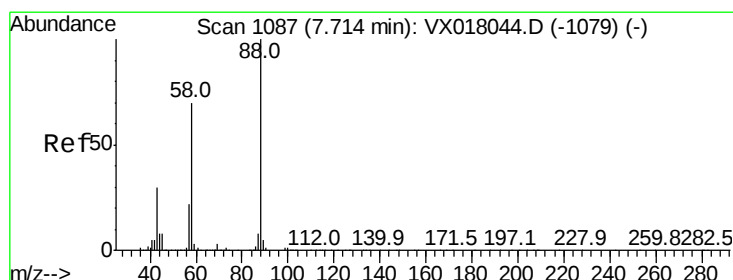
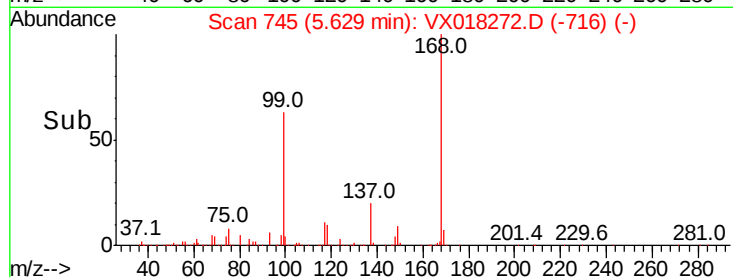
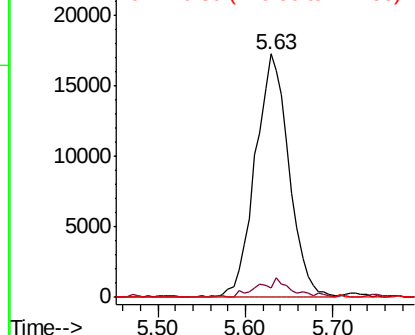
121 0.0 23.4 35.0#



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: 0.508 ug/l

RT: 7.70 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

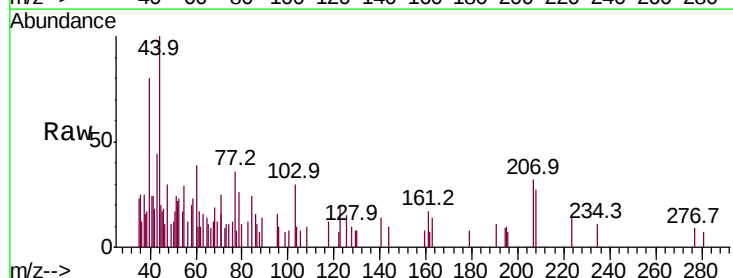
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 719.0 27.4 41.0#

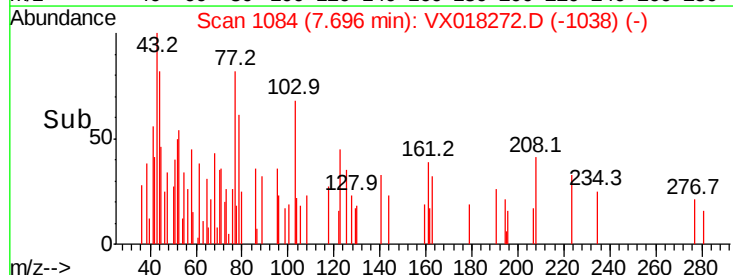
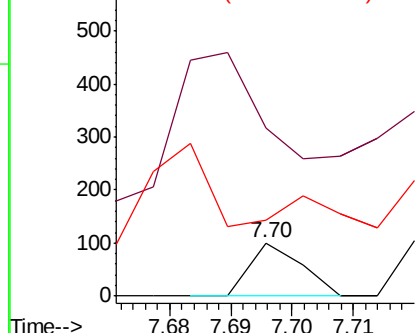
58 343.1 56.4 84.6#

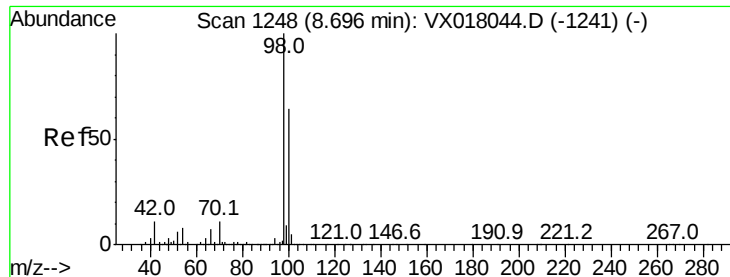


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.902 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

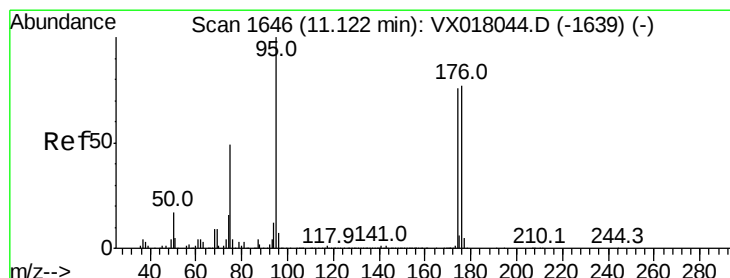
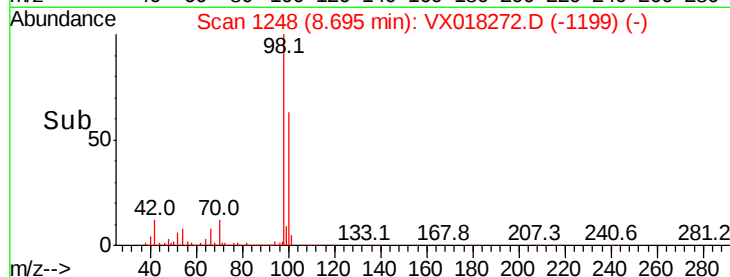
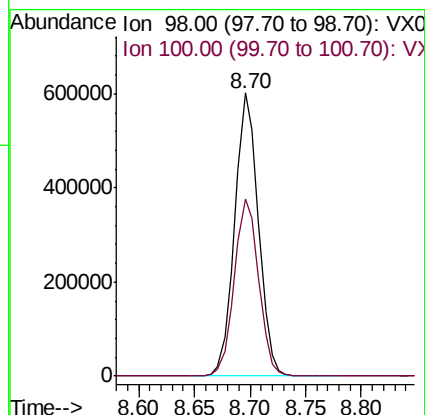
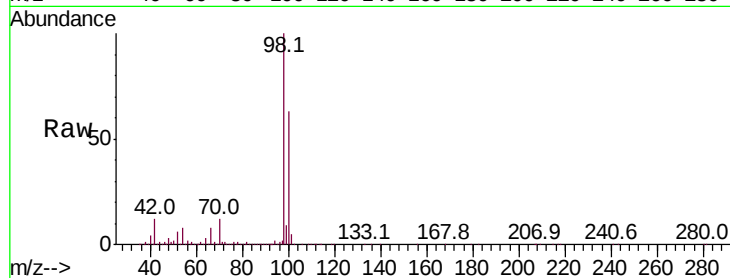
TRIP-BLANK

Tot Ion: 98 Resp: 889594

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.104 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

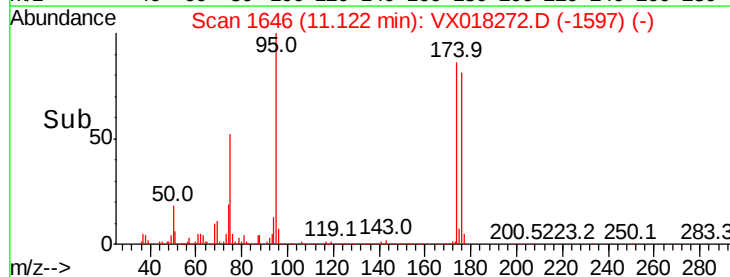
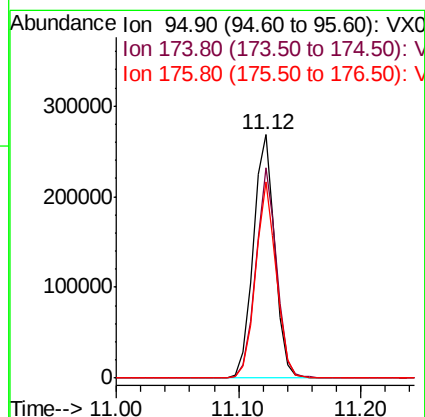
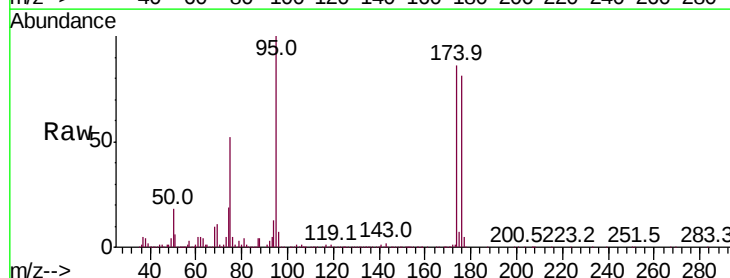
Tgt Ion: 95 Resp: 329558

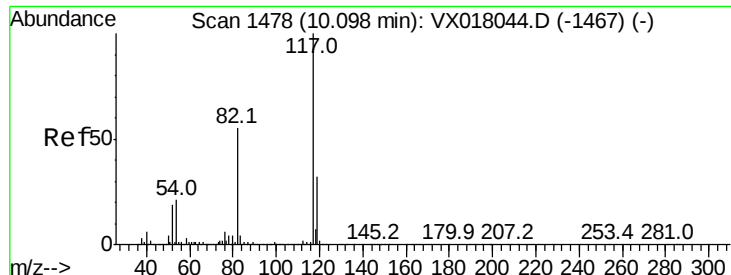
Ion Ratio Lower Upper

95 100

174 83.8 0.0 160.2

176 77.9 0.0 155.8

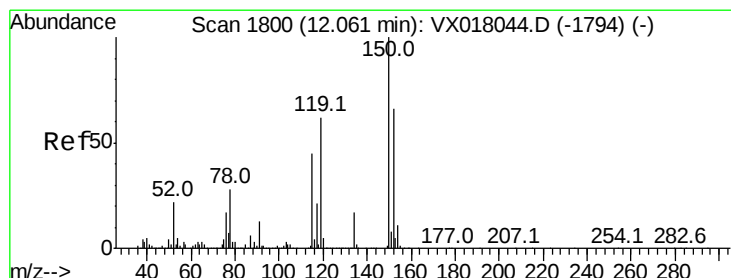
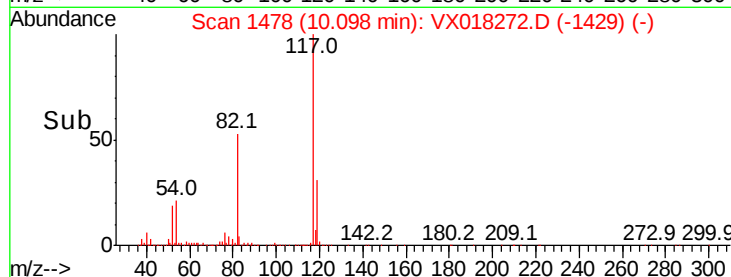
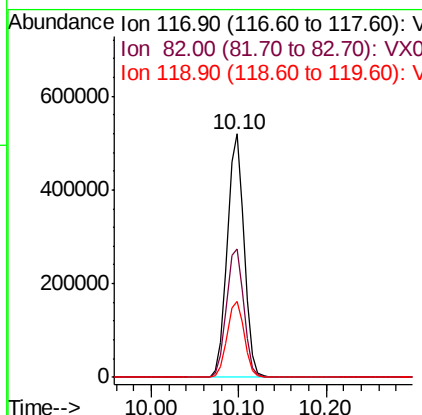
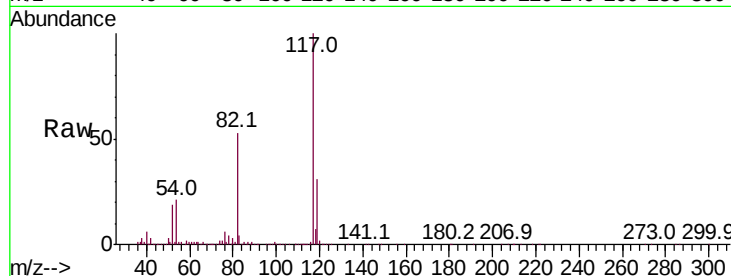




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018272.D
Acq: 08 Sep 2020 14:03

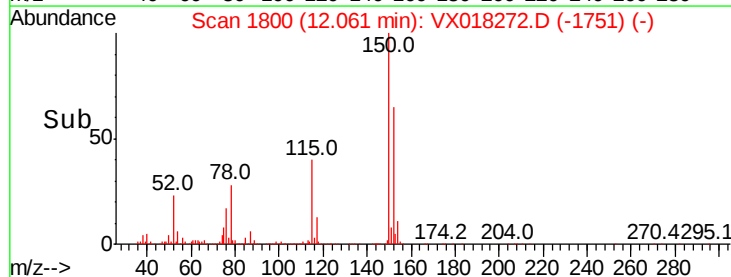
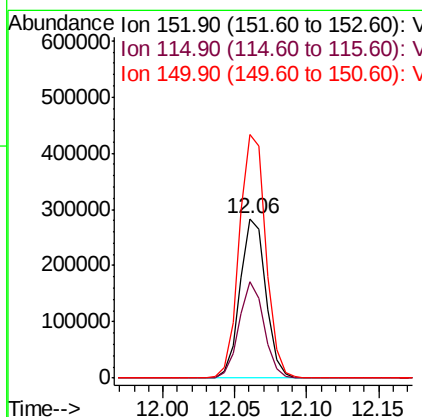
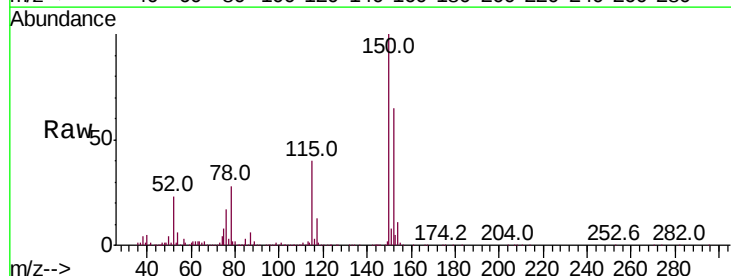
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

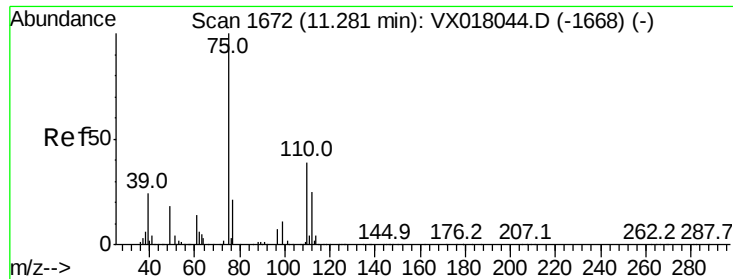
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.2	66.2
119	31.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018272.D
Acq: 08 Sep 2020 14:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.5	124.5
150	156.1	0.0	343.8





#76

1,2,3-Trichloropropane

Concen: 21.961 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

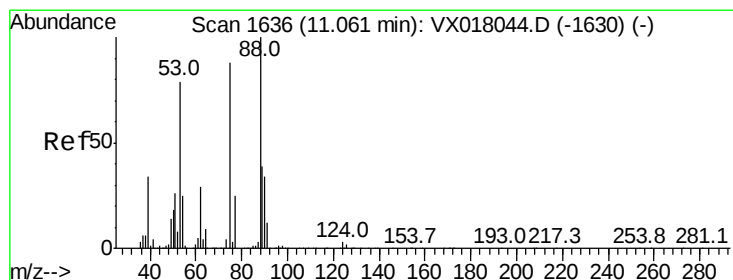
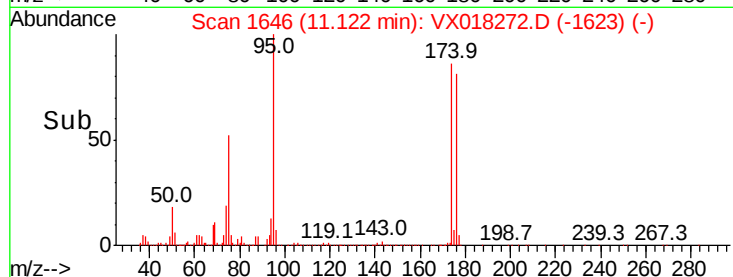
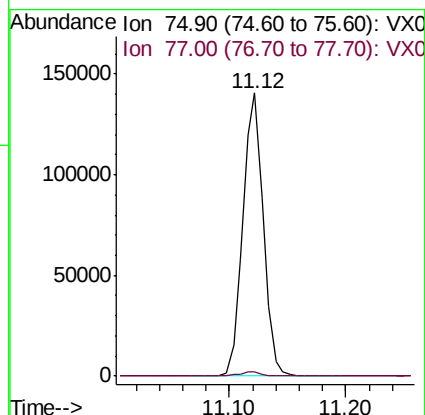
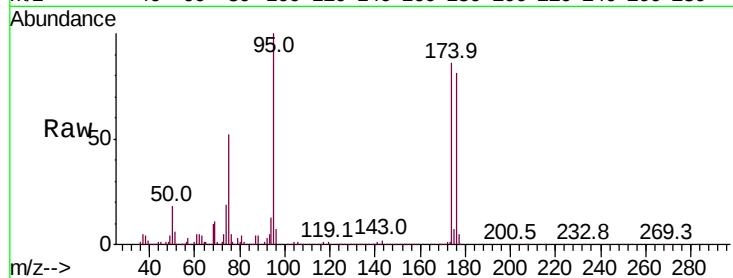
TRIP-BLANK

Tot Ion: 75 Resp: 172713

Ion Ratio Lower Upper

75 100

77 1.6 20.8 62.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.313 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018272.D

Acq: 08 Sep 2020 14:03

Tgt Ion: 75 Resp: 172713

Ion Ratio Lower Upper

75 100

53 0.3 74.7 112.1#

89 0.0 36.6 54.8#

