

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018031.D
 Acq On : 20 Aug 2020 13:47
 Operator : JC/SP
 Sample : L3766-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200819055-01-TRIP-BLANK

Quant Time: Aug 21 01:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	597160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	936091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	867434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	457941	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	386752	44.18	ug/l	0.00
Spiked Amount			Recovery	=	88.36%	
35) Dibromofluoromethane	5.46	113	317278	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
50) Toluene-d8	8.70	98	1130821	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	11.12	95	430635	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	

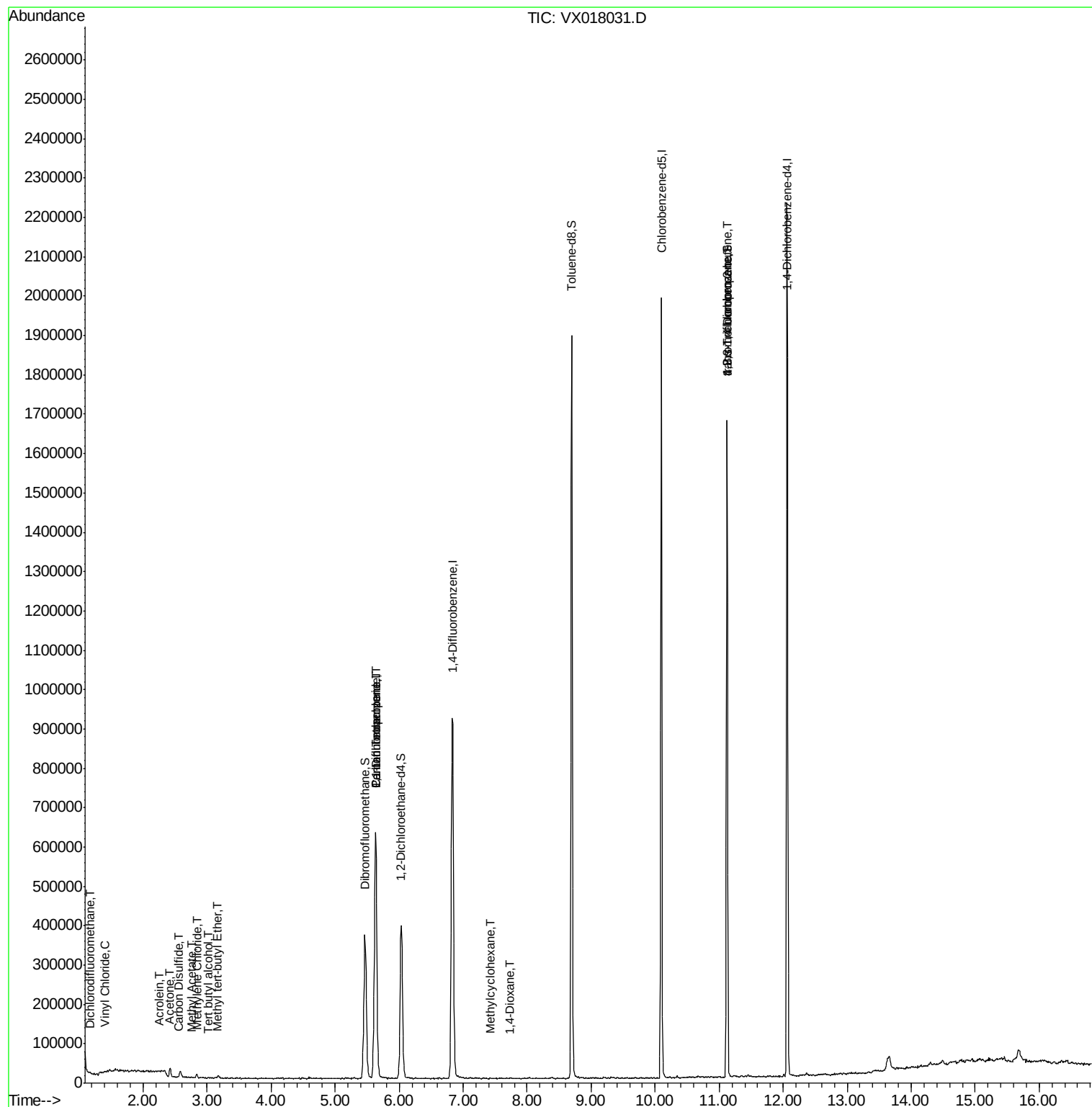
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	474	1.041	ug/l #	44
4) Vinyl Chloride	1.39	62	373	2.302	ug/l #	8
11) Tert butyl alcohol	3.02	59	622	0.368	ug/l #	1
13) Acrolein	2.26	56	227	0.254	ug/l #	1
16) Acetone	2.42	43	24636	7.154	ug/l	99
17) Carbon Disulfide	2.55	76	2983	0.228	ug/l #	76
18) Methyl Acetate	2.76	43	1817	0.210	ug/l #	80
19) Methyl tert-butyl Ether	3.17	73	5994	0.291	ug/l	93
20) Methylene Chloride	2.84	84	4252	0.670	ug/l #	91
36) 1,1-Dichloropropene	5.63	75	45306	5.782	ug/l #	50
38) Carbon Tetrachloride	5.63	117	59376	5.855	ug/l #	16
39) Methylcyclohexane	7.43	83	320	0.844	ug/l #	31
49) 1,4-Dioxane	7.72	88	282	1.836	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	212641	21.835	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	212641	57.361	ug/l #	12

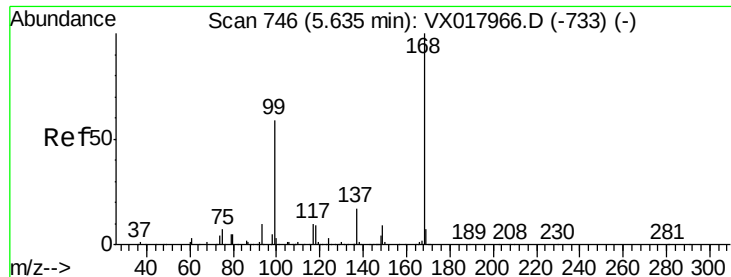
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\
Data File : VX018031.D
Acq On : 20 Aug 2020 13:47
Operator : JC/SP
Sample : L3766-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
200819055-01-TRIP-BLANK

Quant Time: Aug 21 01:25:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

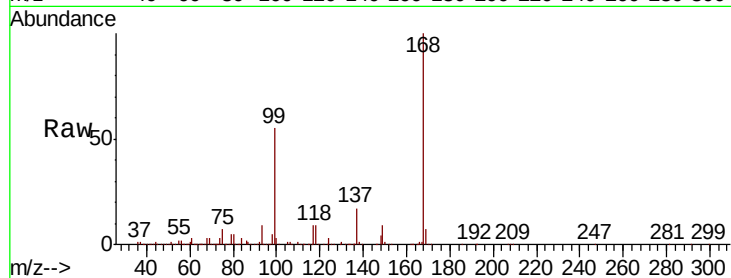
200819055-01-TRIP-BLANK

Tot Ion:168 Resp: 597160

Ion Ratio Lower Upper

168 100

99 55.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

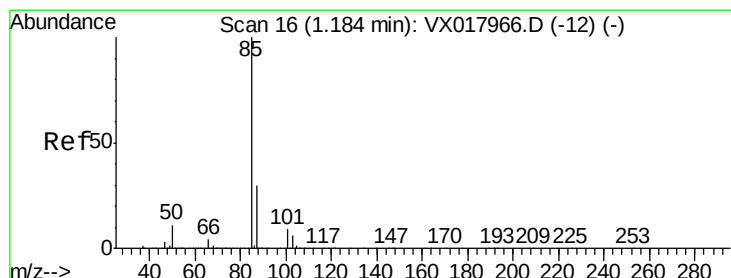
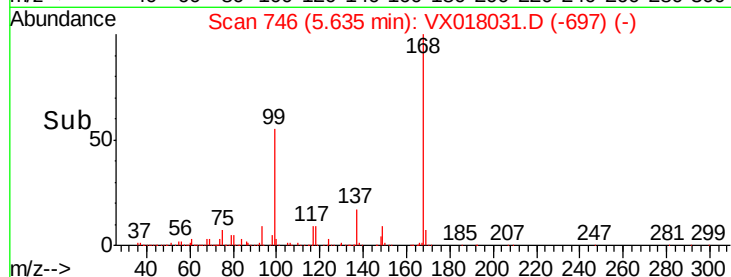
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.041 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018031.D

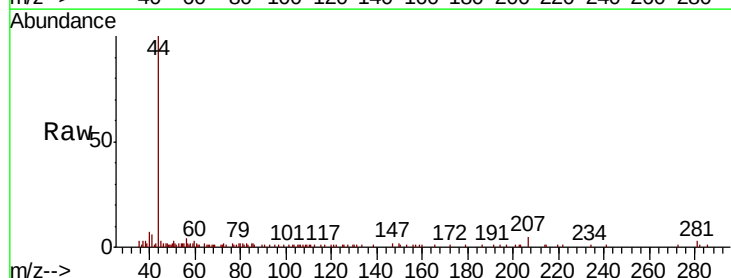
Acq: 20 Aug 2020 13:47

Tgt Ion: 85 Resp: 474

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

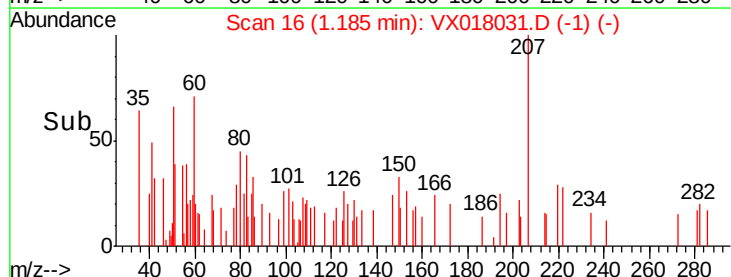
300

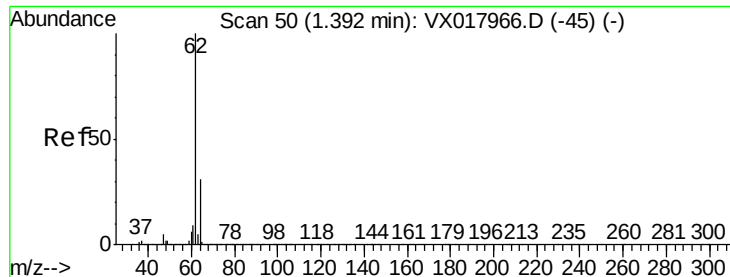
200

100

0

Time-->





#4

Vinyl Chloride

Concen: 2.302 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

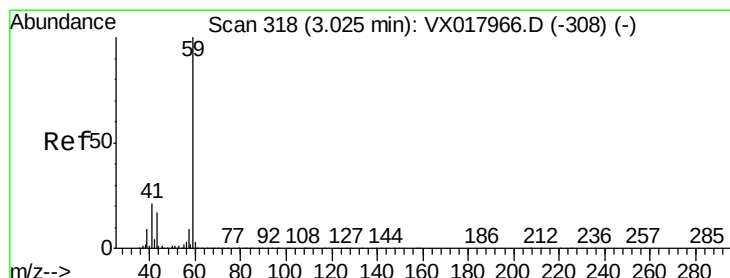
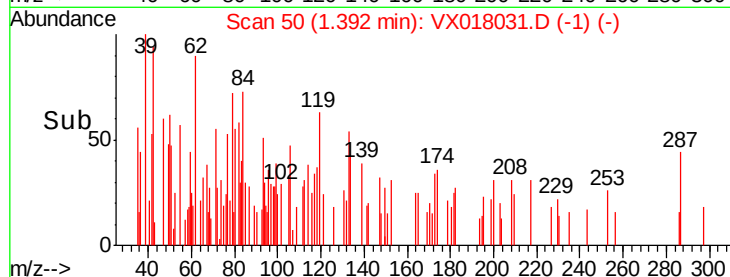
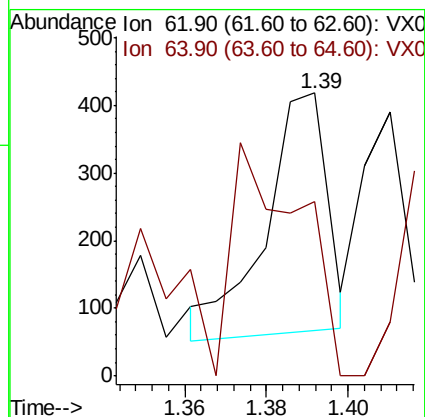
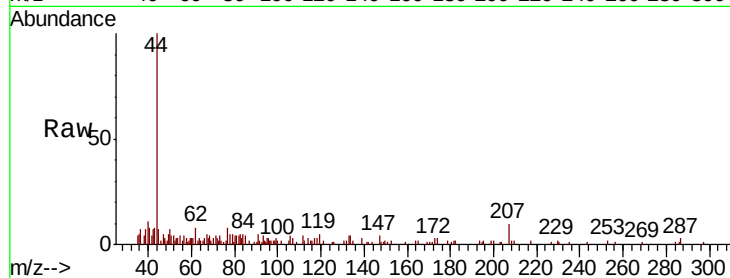
200819055-01-TRIP-BLANK

Tot Ion: 62 Resp: 373

Ion Ratio Lower Upper

62 100

64 81.6 24.7 37.1#



#11

Tert butyl alcohol

Concen: 0.368 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.01 min

Lab File: VX018031.D

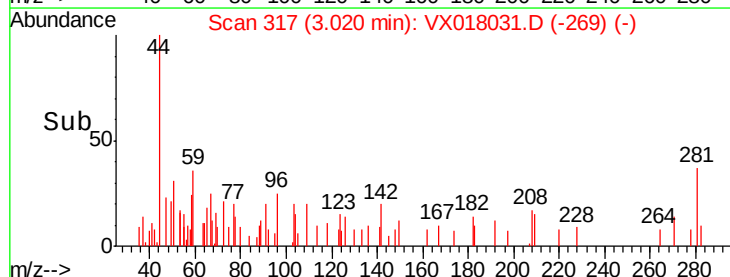
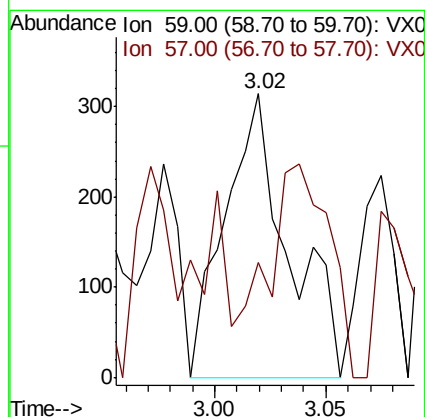
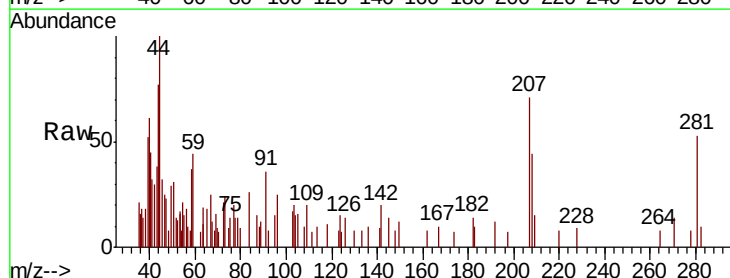
Acq: 20 Aug 2020 13:47

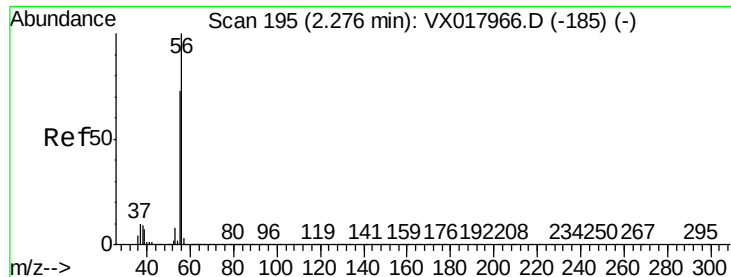
Tgt Ion: 59 Resp: 622

Ion Ratio Lower Upper

59 100

57 69.0 8.6 13.0#





#13

Acrolein

Concen: 0.254 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

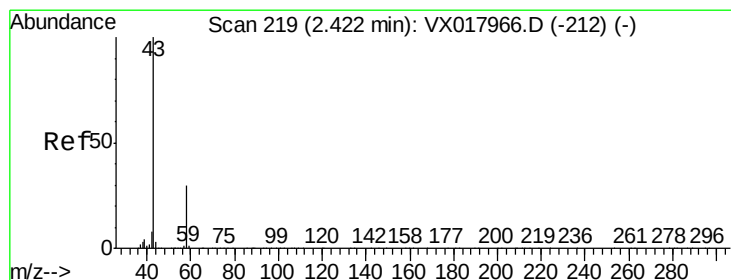
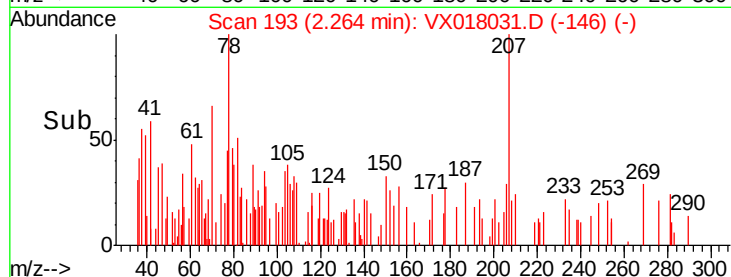
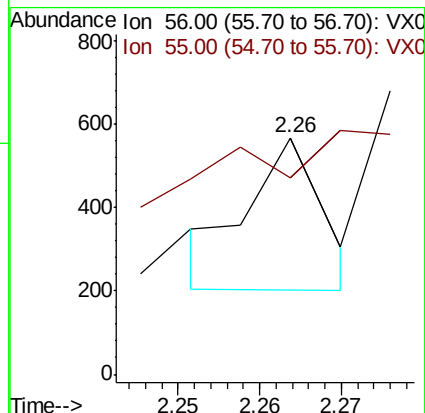
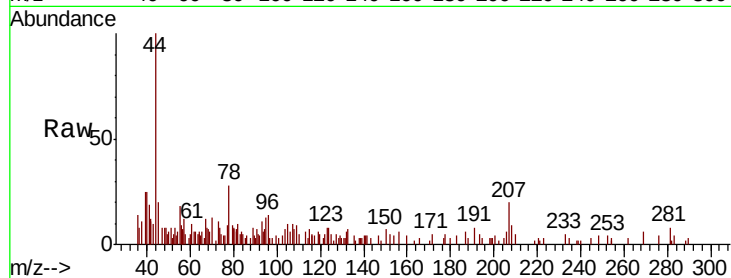
200819055-01-TRIP-BLANK

Tot Ion: 56 Resp: 227

Ion Ratio Lower Upper

56 100

55 496.5 58.2 87.4#



#16

Acetone

Concen: 7.154 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018031.D

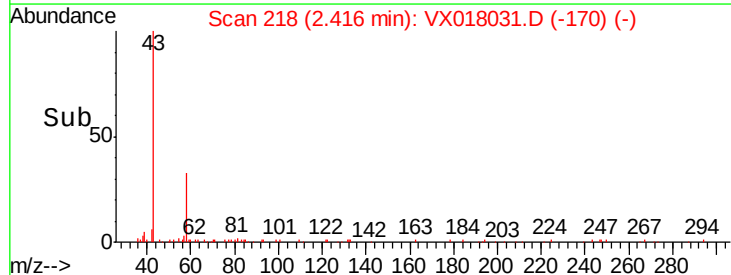
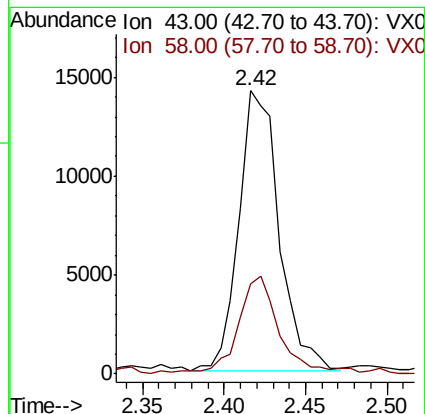
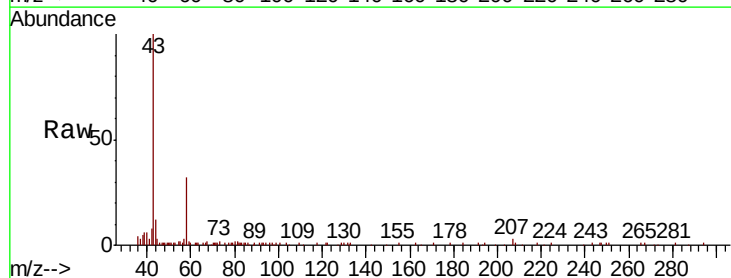
Acq: 20 Aug 2020 13:47

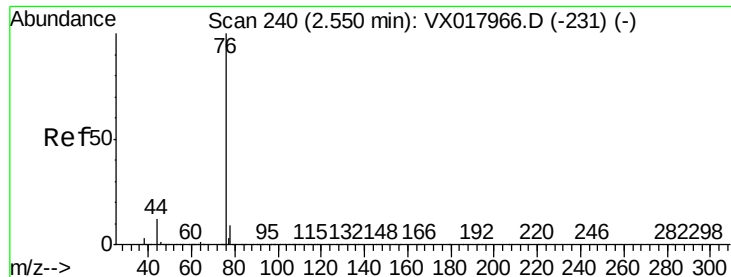
Tgt Ion: 43 Resp: 24636

Ion Ratio Lower Upper

43 100

58 30.3 23.8 35.8





#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

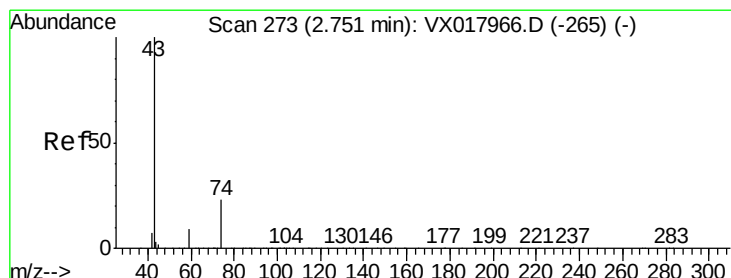
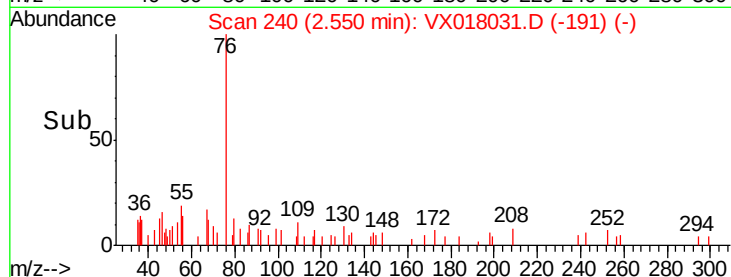
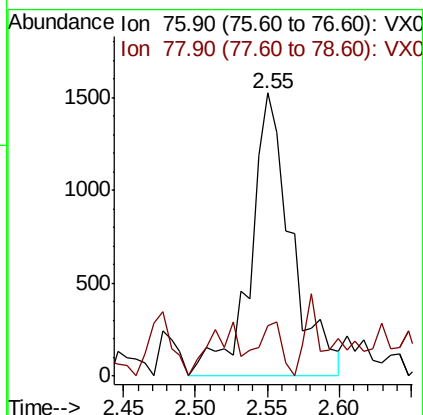
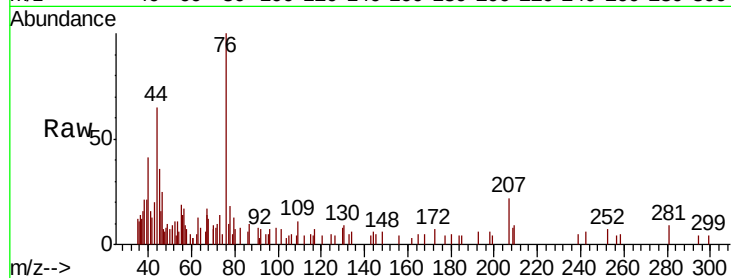
200819055-01-TRIP-BLANK

Tot Ion: 76 Resp: 2983

Ion Ratio Lower Upper

76 100

78 17.9 7.3 10.9#



#18

Methyl Acetate

Concen: 0.210 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX018031.D

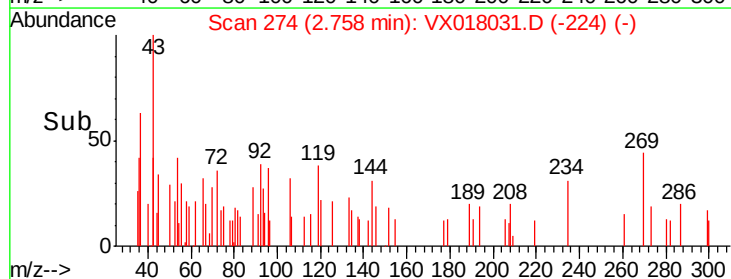
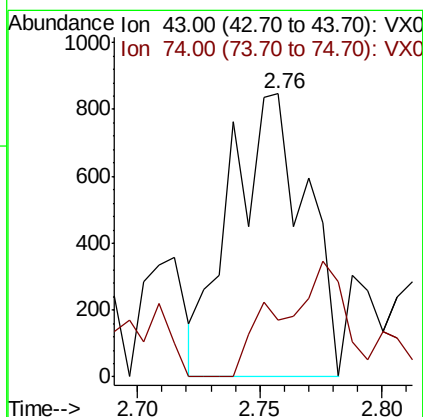
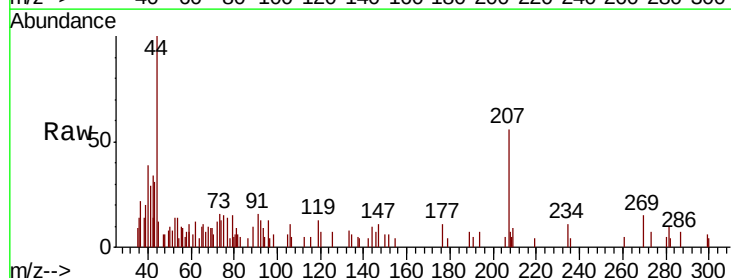
Acq: 20 Aug 2020 13:47

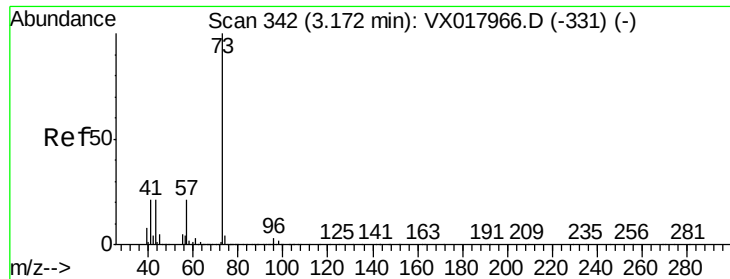
Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

43 100

74 34.8 19.7 29.5#

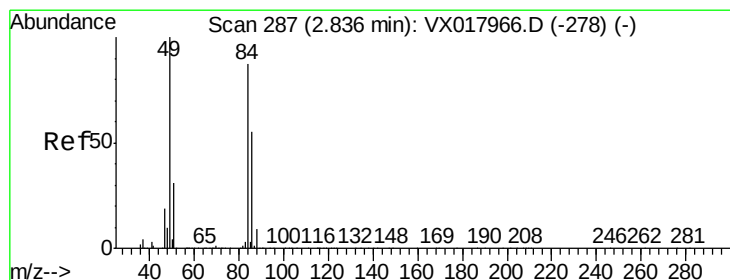
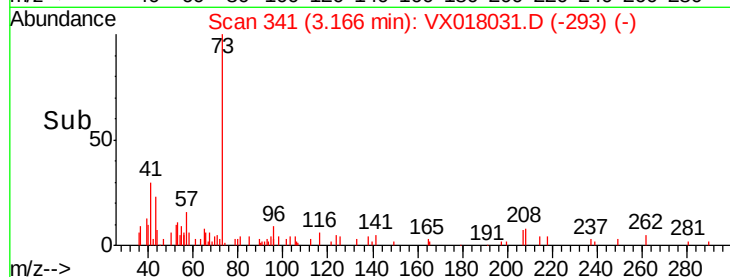
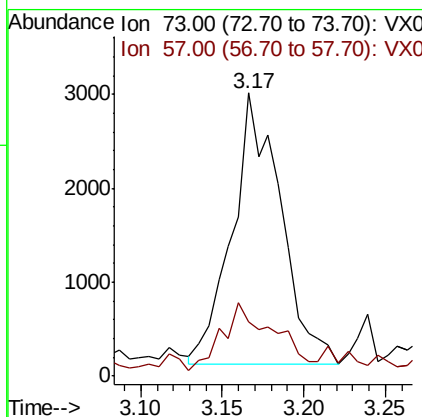
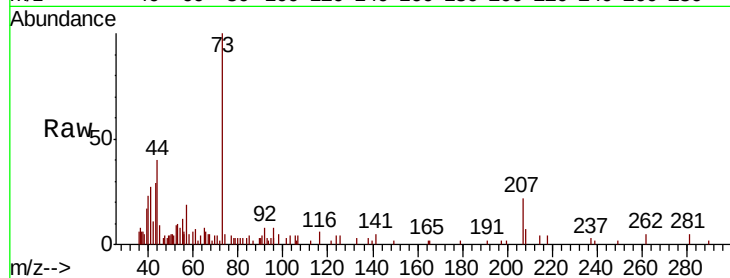




#19
Methyl tert-butyl Ether
Concen: 0.291 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018031.D
Acq: 20 Aug 2020 13:47

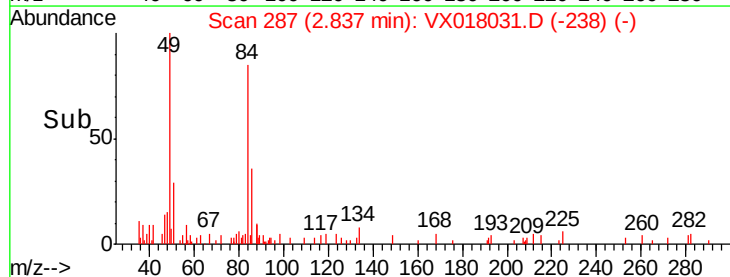
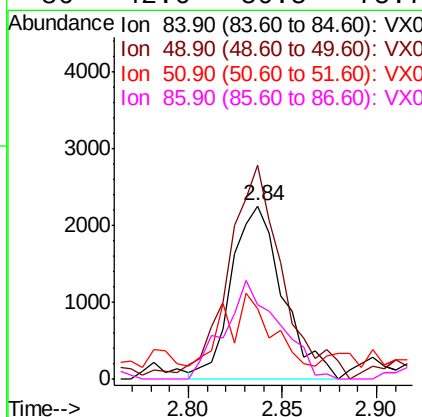
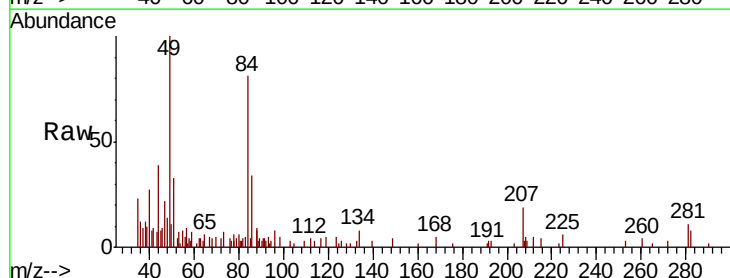
Instrument :
MSVOA_X
ClientSampleId :
200819055-01-TRIP-BLANK

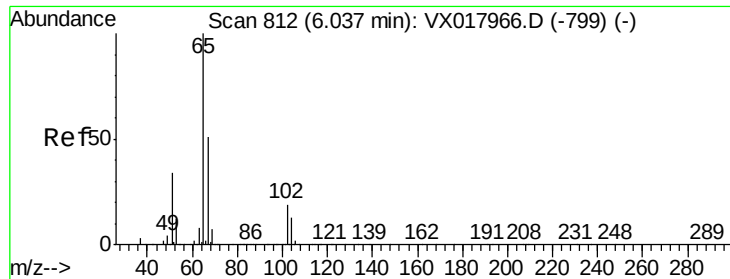
Tot Ion: 73 Resp: 5994
Ion Ratio Lower Upper
73 100
57 17.6 16.9 25.3



#20
Methylene Chloride
Concen: 0.670 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018031.D
Acq: 20 Aug 2020 13:47

Tgt Ion: 84 Resp: 4252
Ion Ratio Lower Upper
84 100
49 115.2 91.8 137.6
51 33.3 27.8 41.8
86 42.6 50.5 75.7#

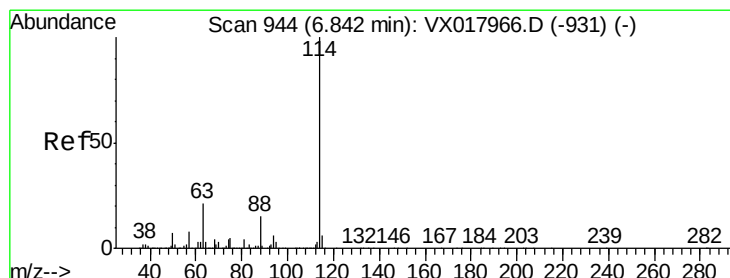
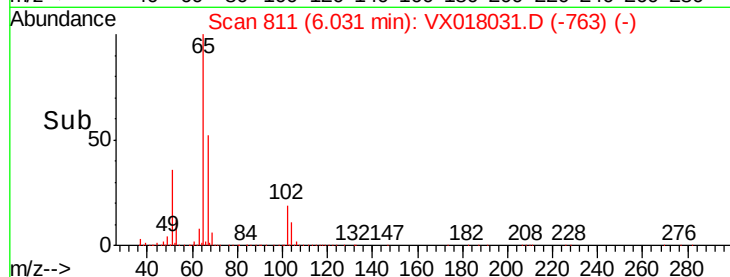
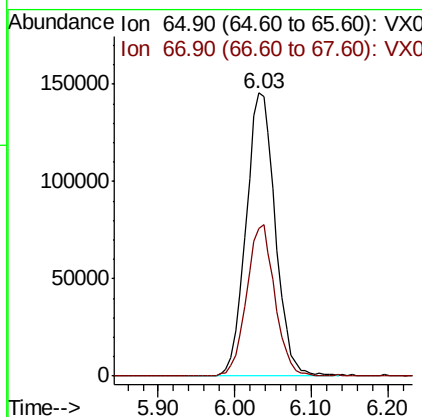
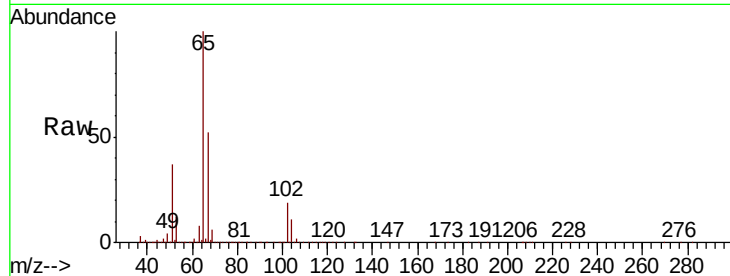




#33
 1,2-Dichloroethane-d4
 Concen: 44.180 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX018031.D
 Acq: 20 Aug 2020 13:47

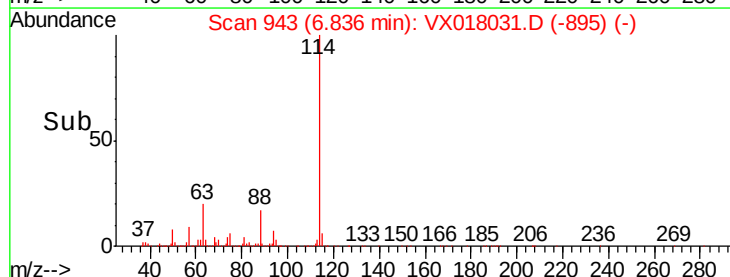
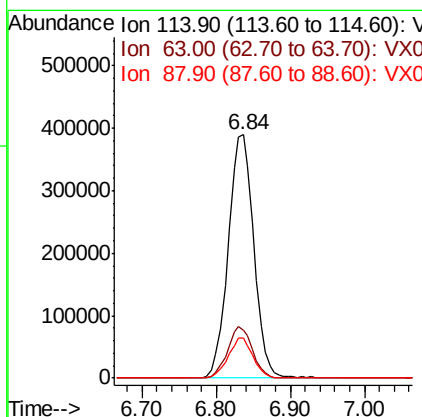
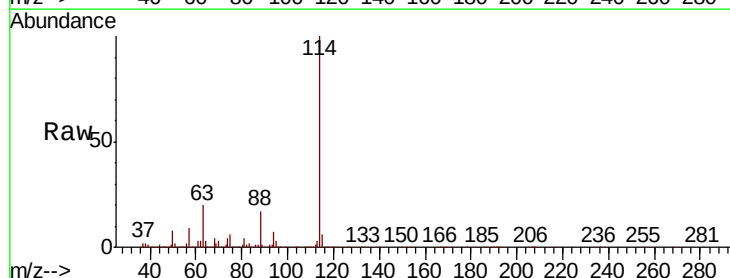
Instrument :
 MSVOA_X
 ClientSampleId :
 200819055-01-TRIP-BLANK

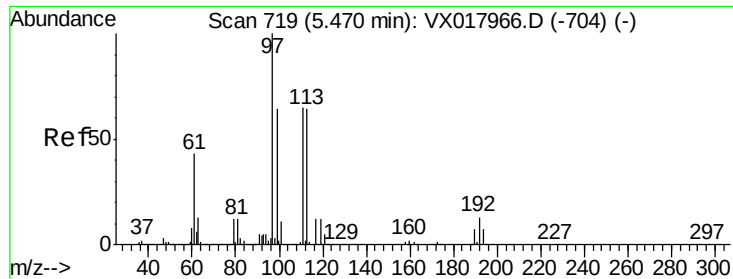
Tot Ion: 65 Resp: 386752
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX018031.D
 Acq: 20 Aug 2020 13:47

Tgt Ion: 114 Resp: 936091
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 16.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.515 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
200819055-01-TRIP-BLANK

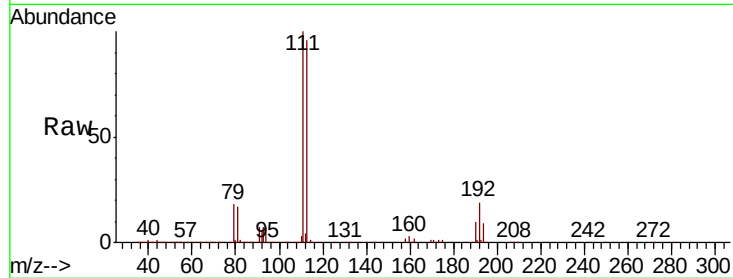
Tot Ion:113 Resp: 317278

Ion Ratio Lower Upper

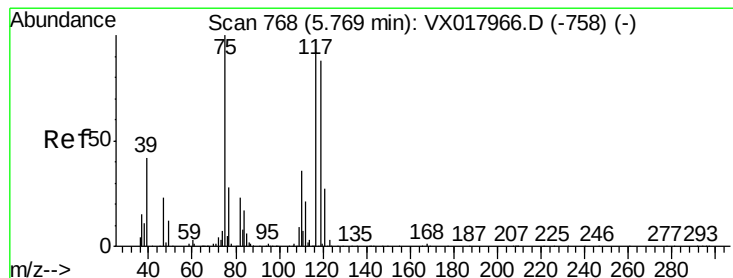
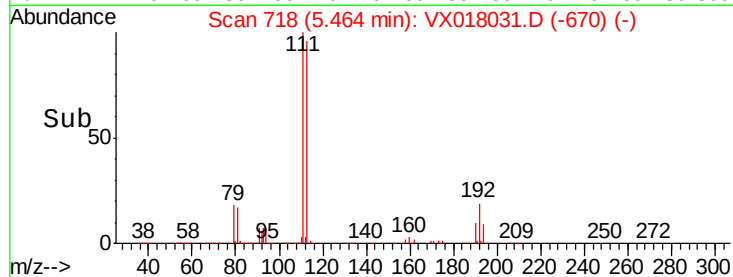
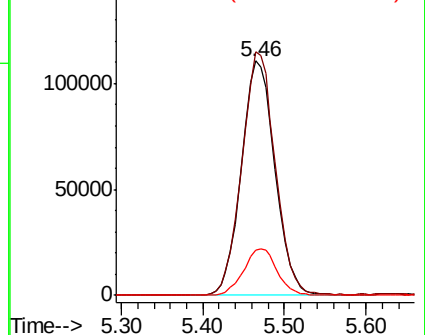
113 100

111 102.7 83.5 125.3

192 19.8 16.2 24.4



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: 5.782 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

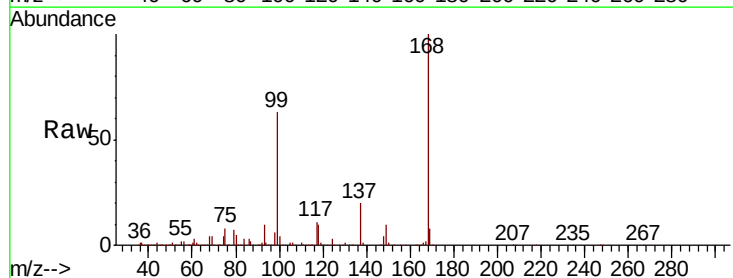
Tgt Ion: 75 Resp: 45306

Ion Ratio Lower Upper

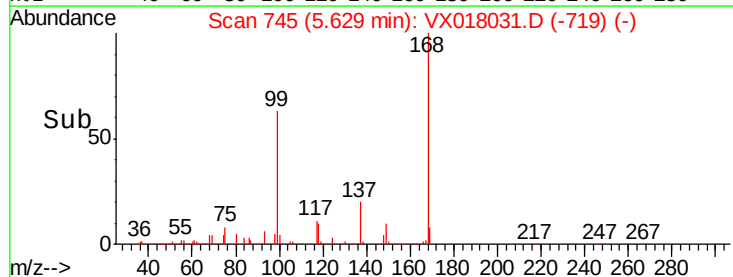
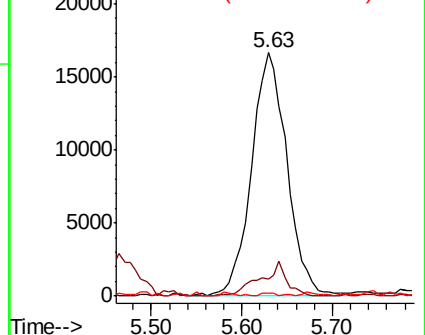
75 100

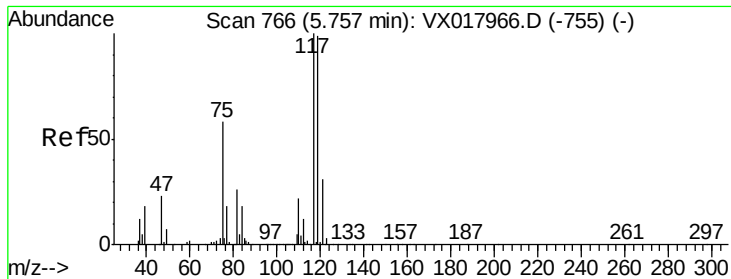
110 10.4 18.7 56.1#

77 0.5 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: 5.855 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

200819055-01-TRIP-BLANK

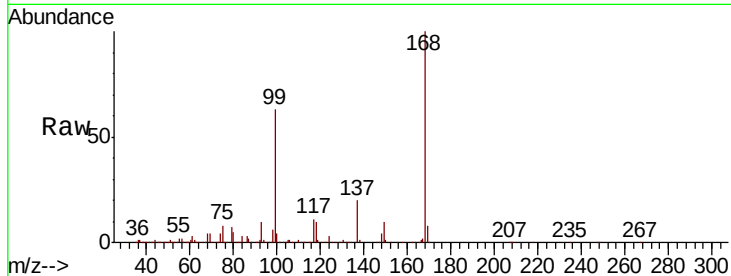
Tot Ion:117 Resp: 59376

Ion Ratio Lower Upper

117 100

119 7.3 79.0 118.6#

121 0.0 24.7 37.1#

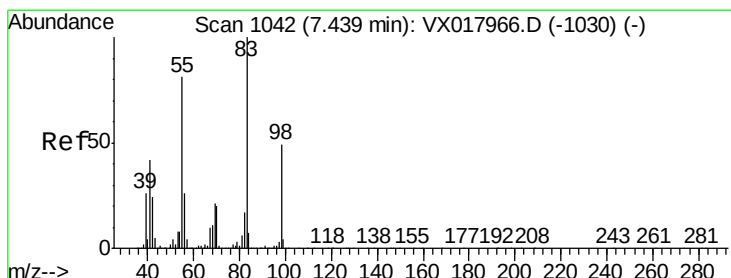
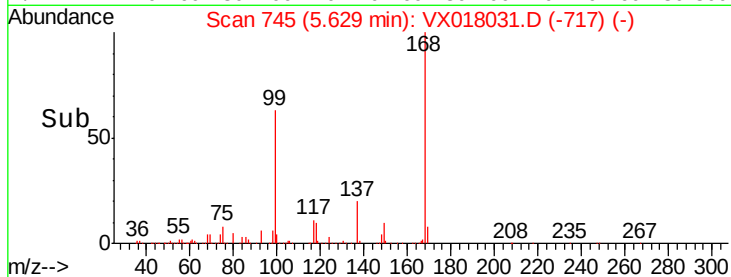
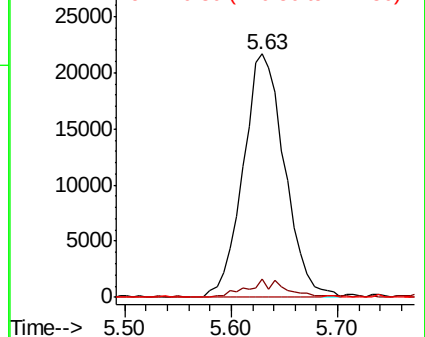


Abundance

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



#39

Methylcyclohexane

Concen: 0.844 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

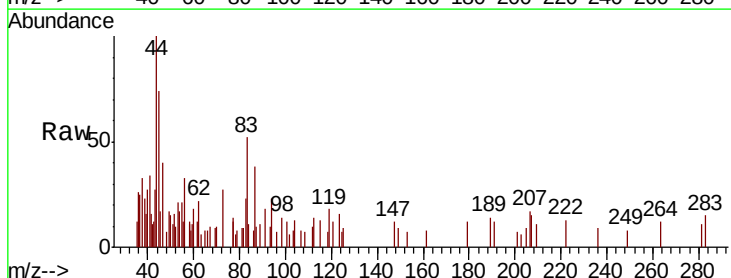
Tgt Ion: 83 Resp: 320

Ion Ratio Lower Upper

83 100

55 0.0 64.5 96.7#

98 26.8 39.0 58.6#

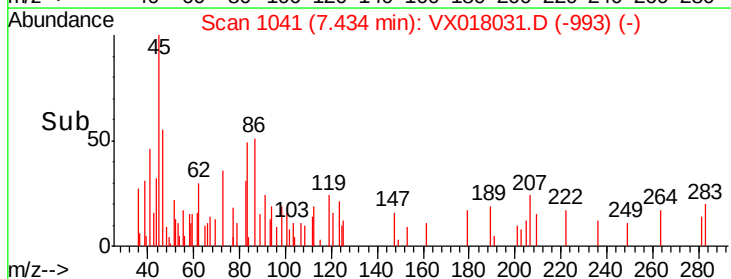
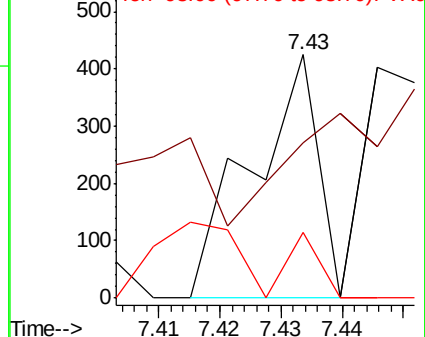


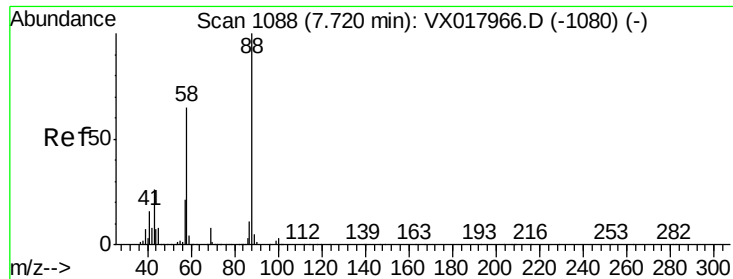
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

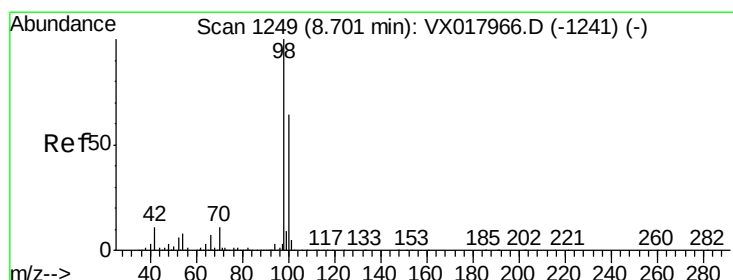
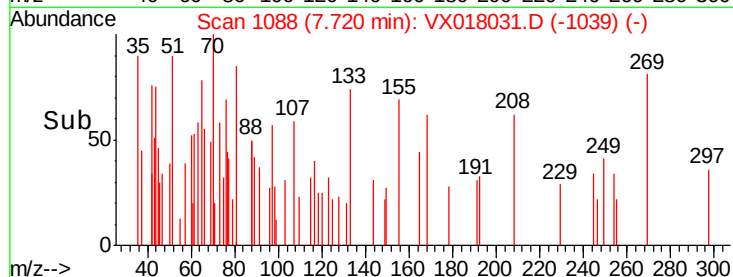
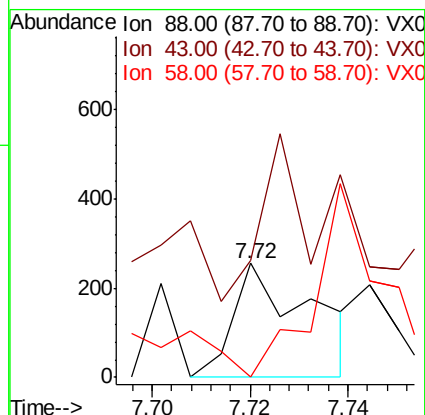
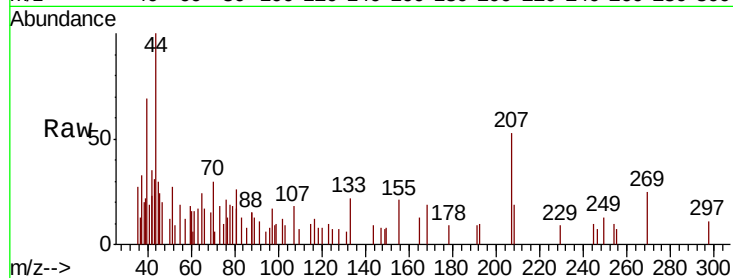




#49
1,4-Dioxane
Concen: 1.836 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX018031.D
Acq: 20 Aug 2020 13:47

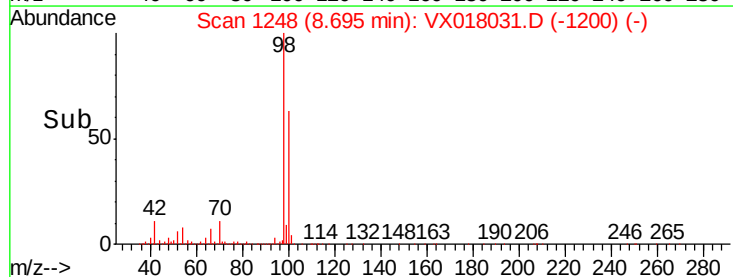
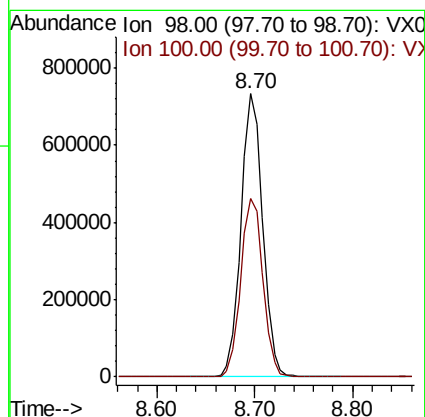
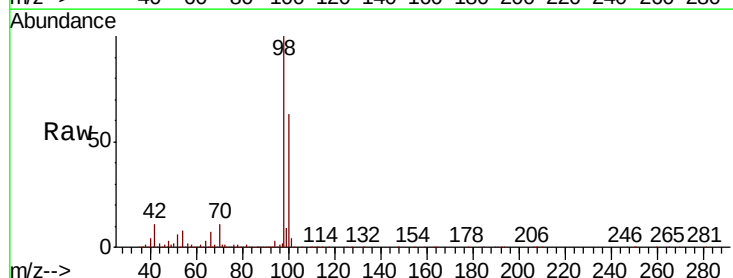
Instrument :
MSVOA_X
ClientSampleId :
200819055-01-TRIP-BLANK

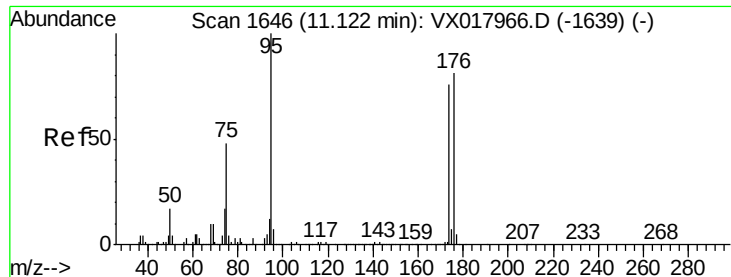
Tot Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 127.3 27.3 40.9#
58 137.2 57.7 86.5#



#50
Toluene-d8
Concen: 45.893 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018031.D
Acq: 20 Aug 2020 13:47

Tgt Ion: 98 Resp: 1130821
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

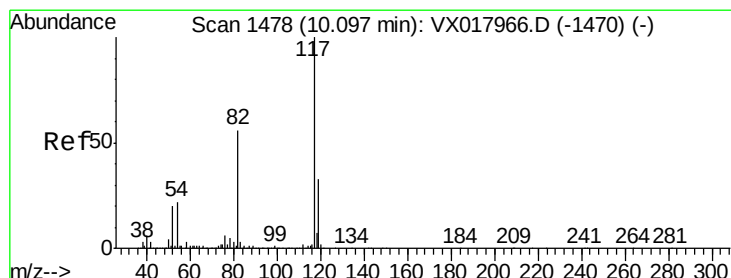
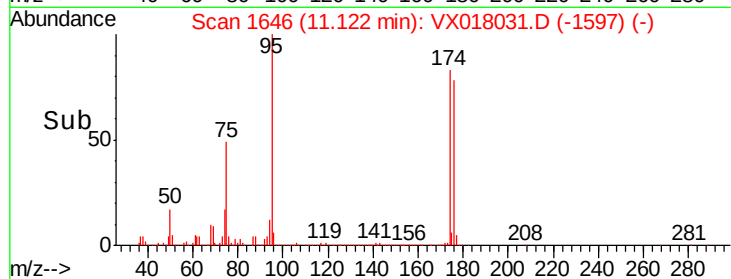
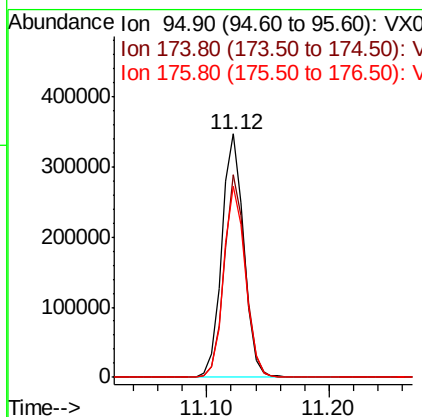
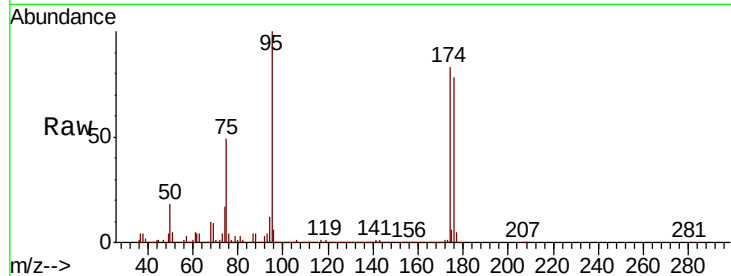




#62
4-Bromofluorobenzene
Concen: 47.318 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018031.D
Acq: 20 Aug 2020 13:47

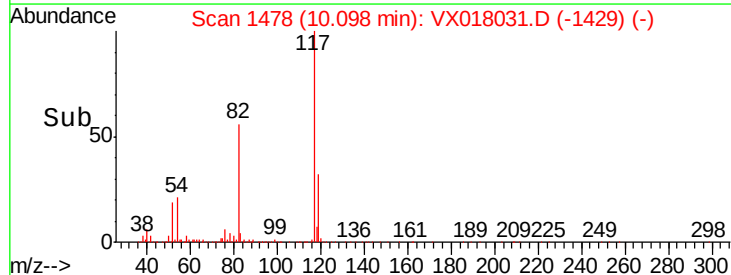
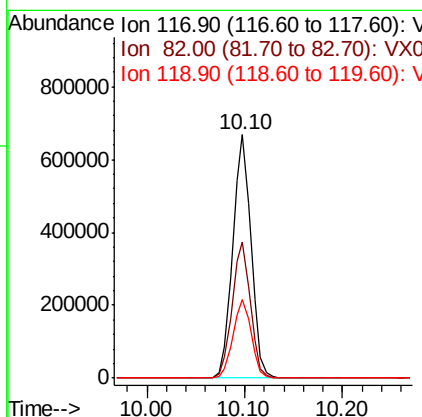
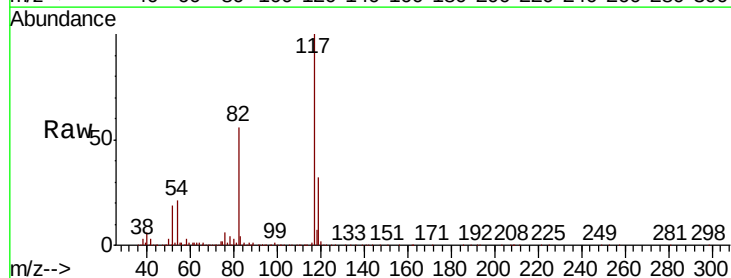
Instrument :
MSVOA_X
ClientSampleId :
200819055-01-TRIP-BLANK

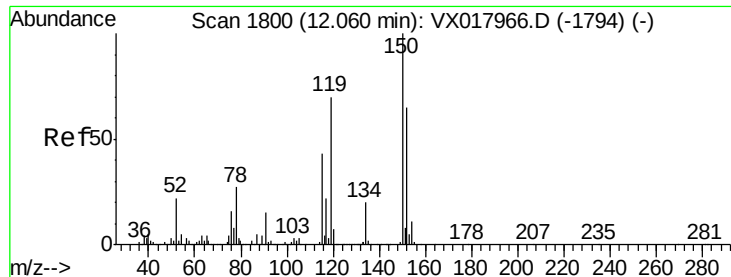
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	166.0
176	77.6	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018031.D
Acq: 20 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	66.8
119	32.2	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018031.D

Acq: 20 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

200819055-01-TRIP-BLANK

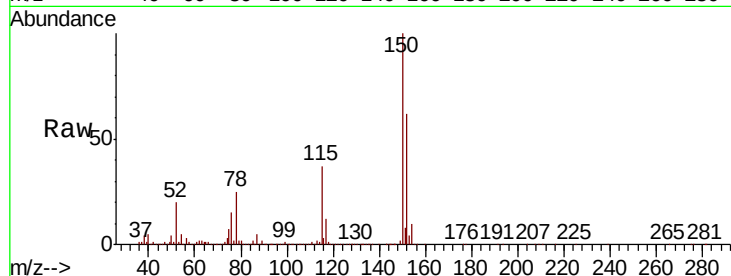
Tot Ion:152 Resp: 457941

Ion Ratio Lower Upper

152 100

115 57.9 40.6 121.7

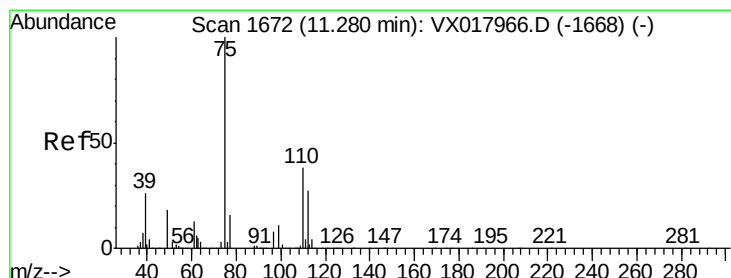
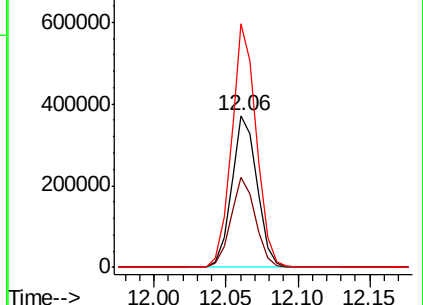
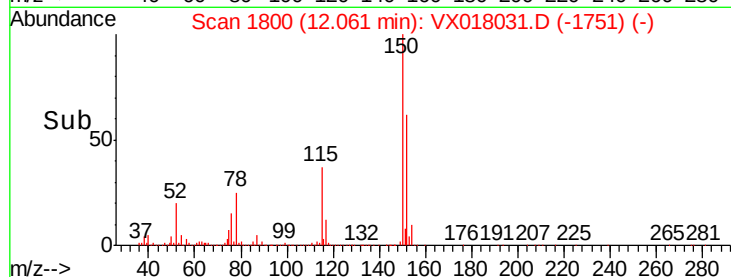
150 156.1 0.0 346.4



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: 21.835 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018031.D

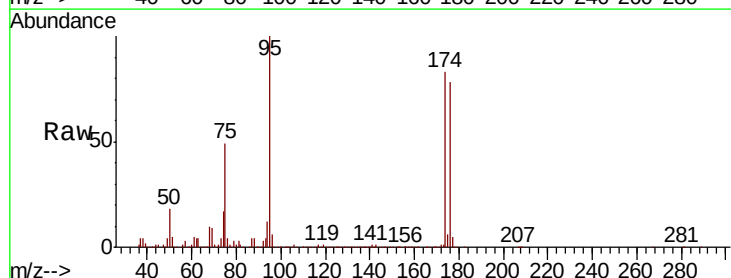
Acq: 20 Aug 2020 13:47

Tgt Ion: 75 Resp: 212641

Ion Ratio Lower Upper

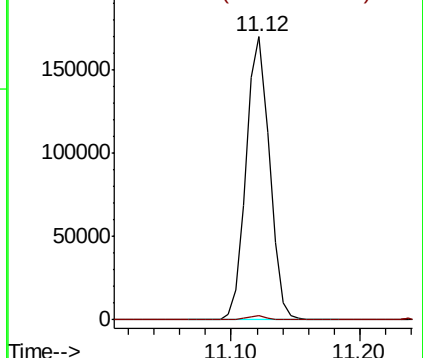
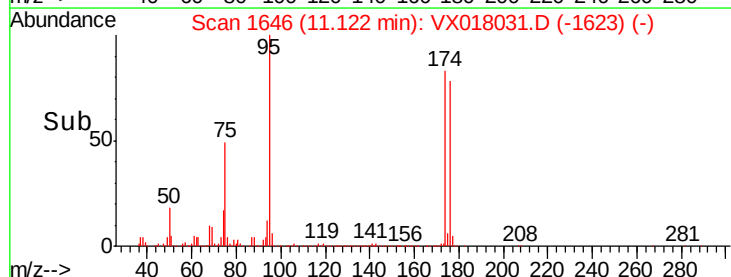
75 100

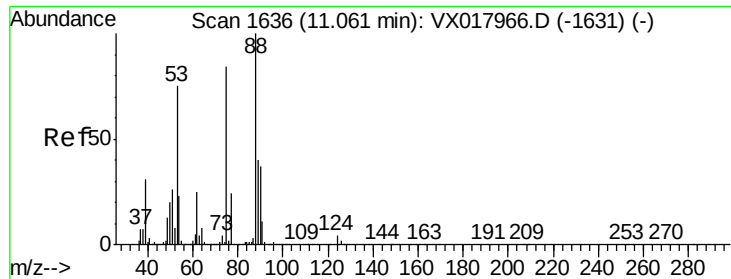
77 1.3 21.1 63.1#



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: 57.361 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018031.D
 Acq: 20 Aug 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 200819055-01-TRIP-BLANK

Tot Ion: 75 Resp: 212641
 Ion Ratio Lower Upper
 75 100
 53 0.4 75.2 112.8#
 89 0.0 38.4 57.6#

