

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018464.D
 Acq On : 17 Sep 2020 13:32
 Operator : JC/SP
 Sample : VX0917WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBL01

Quant Time: Sep 18 06:31:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	633500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1018583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	960928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	483429	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	428993	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
35) Dibromofluoromethane	5.46	113	348790	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	8.70	98	1255880	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.12	95	465409	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	

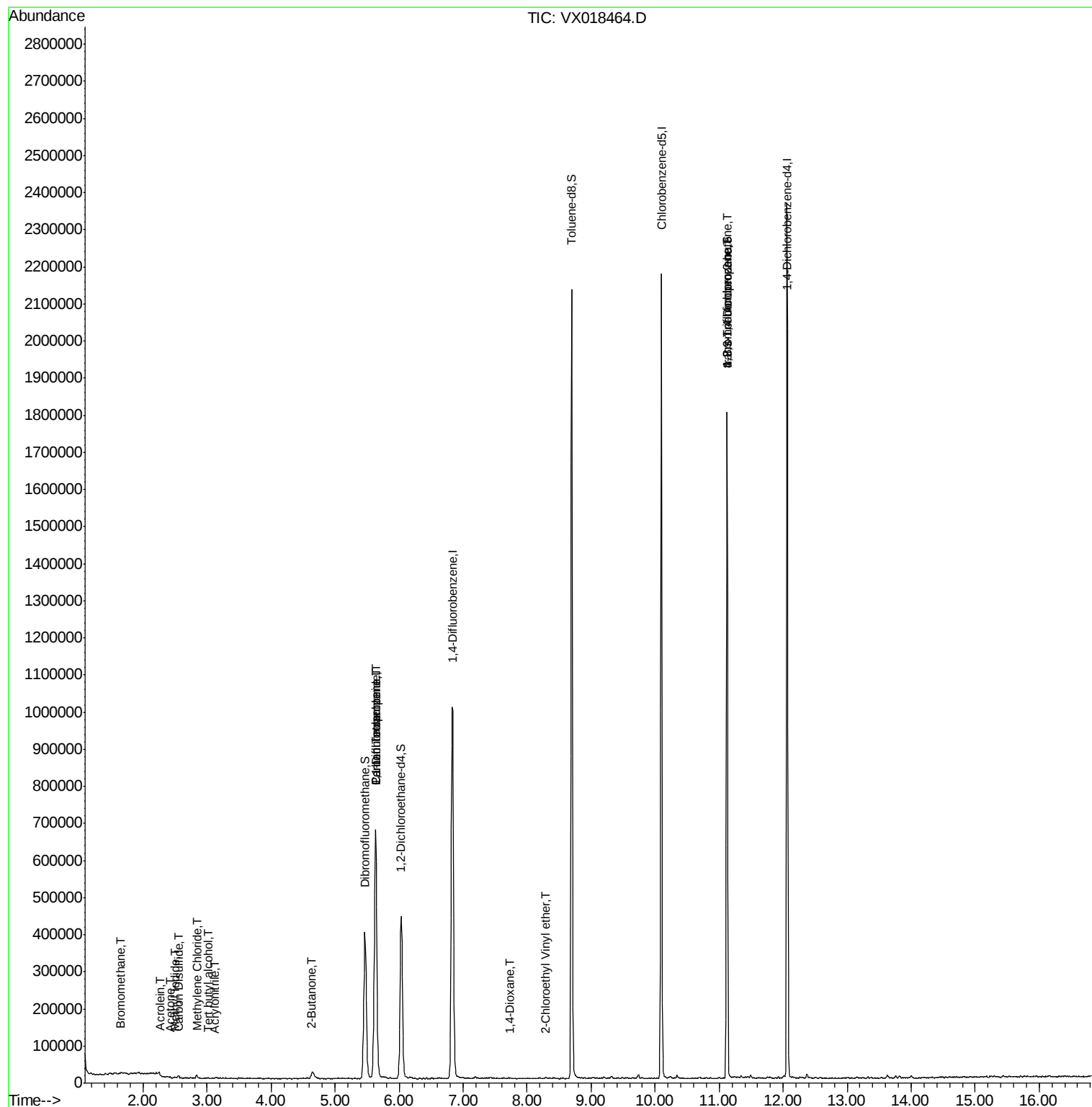
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1894	0.415	ug/l	85
10) Methyl Iodide	2.50	142	2840	5.254	ug/l	96
11) Tert butyl alcohol	3.02	59	482	0.309	ug/l #	1
13) Acrolein	2.27	56	1056	1.070	ug/l #	70
15) Acrylonitrile	3.12	53	1267	0.341	ug/l #	56
16) Acetone	2.42	43	2786	0.813	ug/l #	81
17) Carbon Disulfide	2.55	76	6525	0.356	ug/l	100
20) Methylene Chloride	2.84	84	3710	0.491	ug/l #	76
25) 2-Butanone	4.63	43	1524	0.286	ug/l #	81
36) 1,1-Dichloropropene	5.64	75	48541	4.910	ug/l #	51
38) Carbon Tetrachloride	5.63	117	64278	5.871	ug/l #	18
49) 1,4-Dioxane	7.73	88	163	1.157	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.30	63	1360	0.233	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	237243	23.353	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	237243	59.842	ug/l #	12

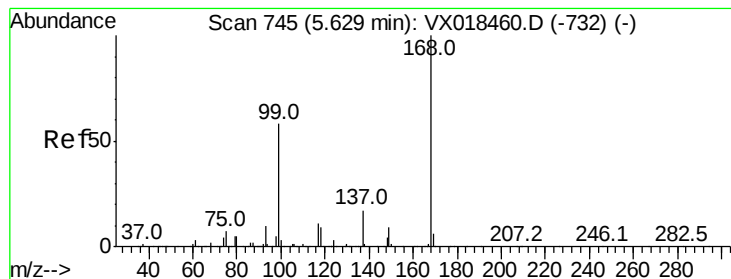
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091720\
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Quant Time: Sep 18 06:31:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 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: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

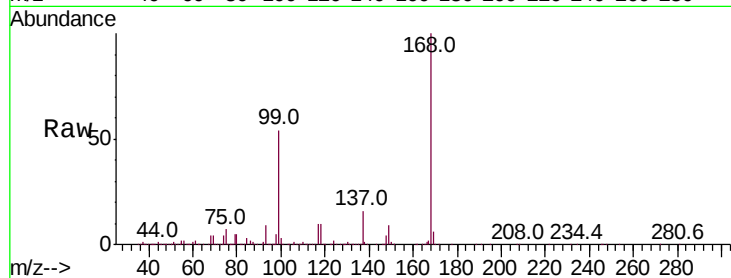
VX0917WBL01

Tot Ion:168 Resp: 633500

Ion Ratio Lower Upper

168 100

99 53.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

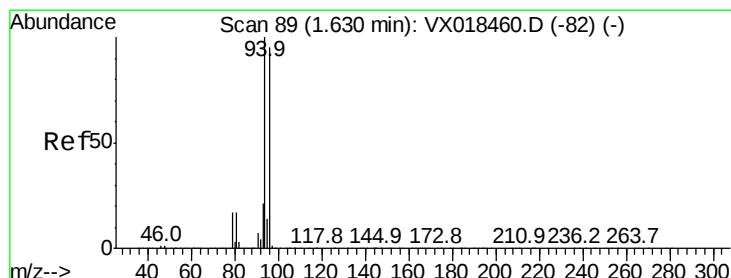
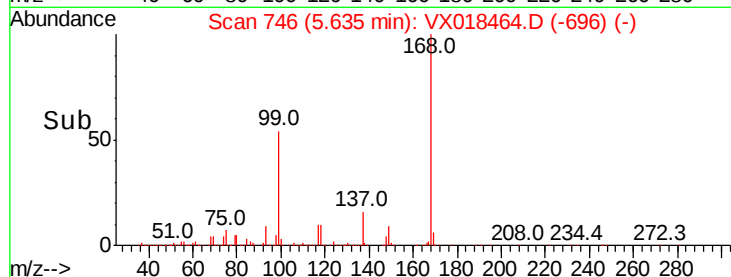
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.415 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018464.D

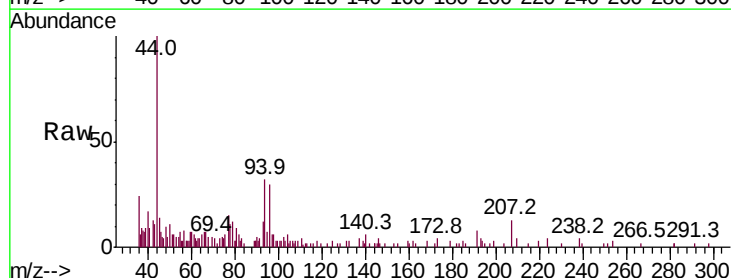
Acq: 17 Sep 2020 13:32

Tgt Ion: 94 Resp: 1894

Ion Ratio Lower Upper

94 100

96 79.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

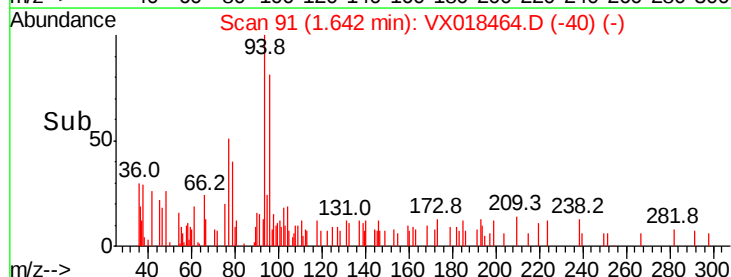
400

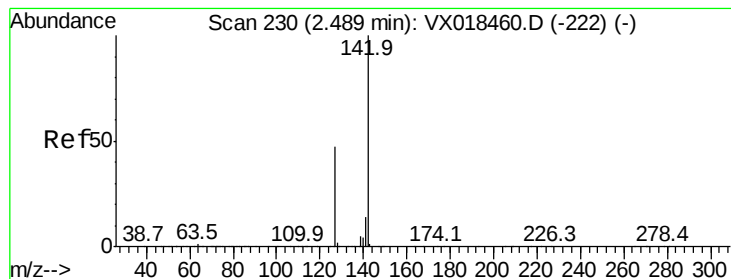
200

0

1.60 1.65 1.70

Time-->





#10

Methyl Iodide

Concen: 5.254 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

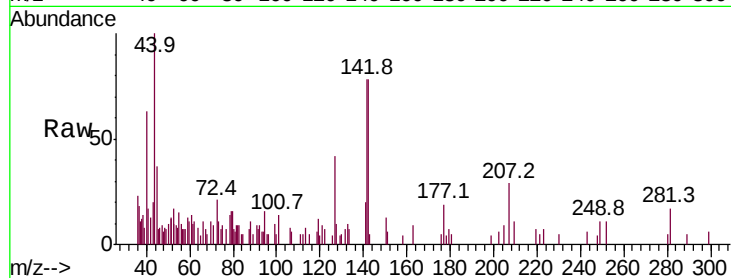
Tot Ion:142 Resp: 2840

Ion Ratio Lower Upper

142 100

127 42.6 36.0 54.0

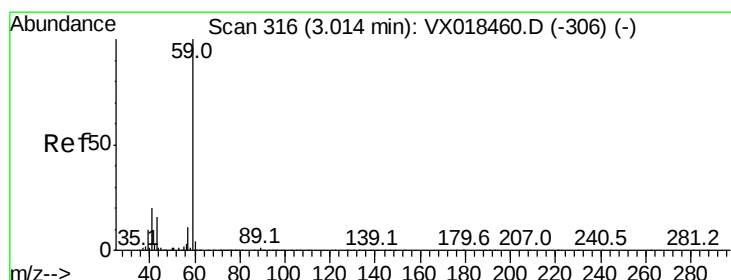
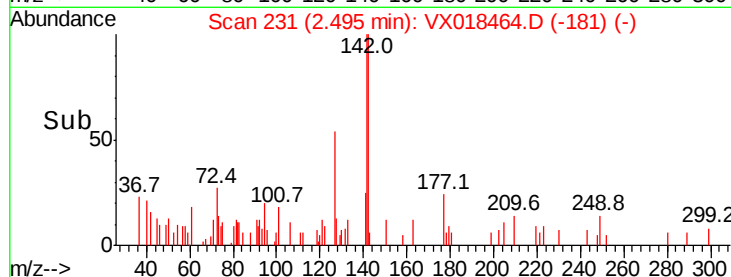
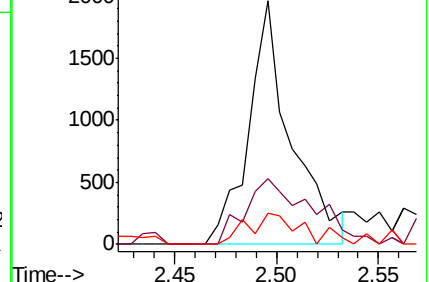
141 16.9 11.9 17.9



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



#11

Tert butyl alcohol

Concen: 0.309 ug/l

RT: 3.02 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX018464.D

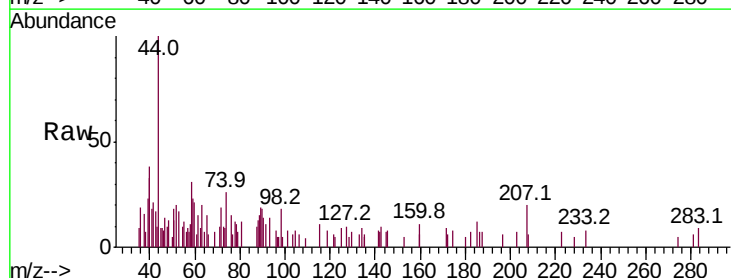
Acq: 17 Sep 2020 13:32

Tgt Ion: 59 Resp: 482

Ion Ratio Lower Upper

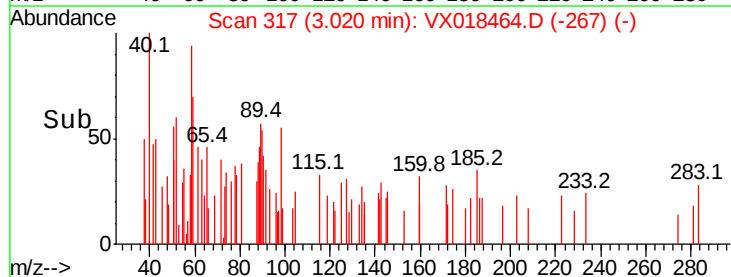
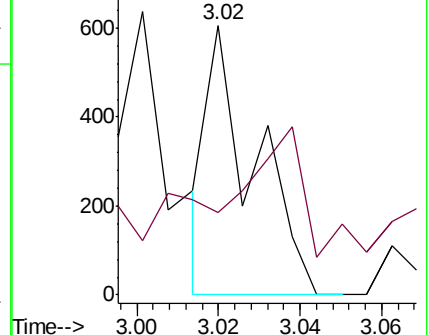
59 100

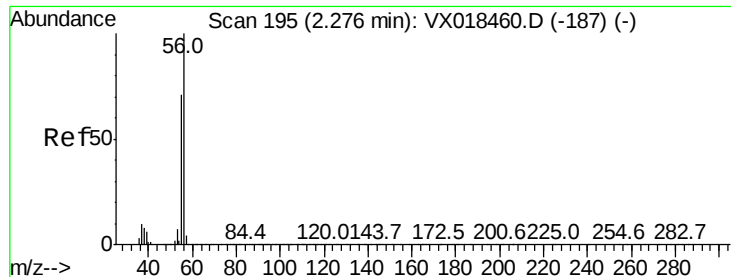
57 117.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

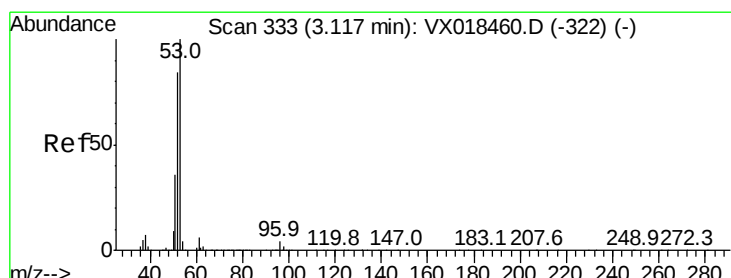
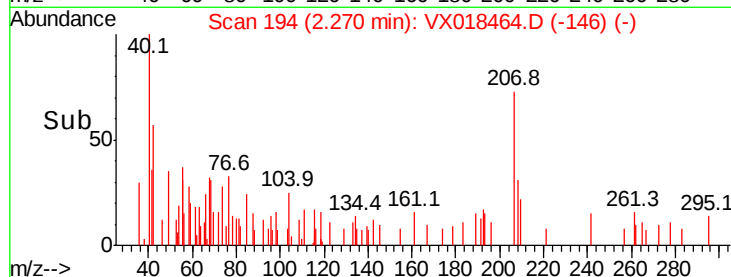
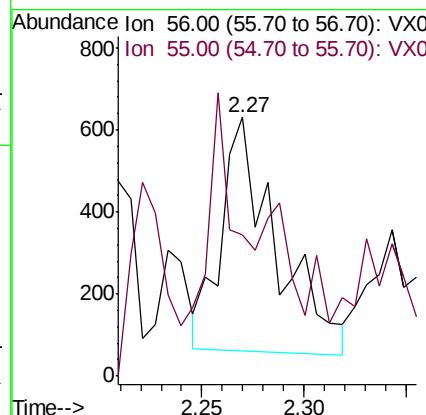
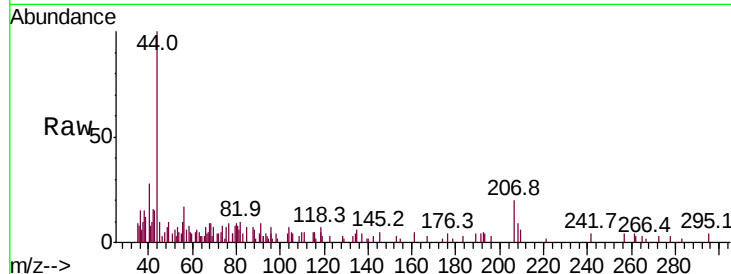




#13
Acrolein
Concen: 1.070 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018464.D
Acq: 17 Sep 2020 13:32

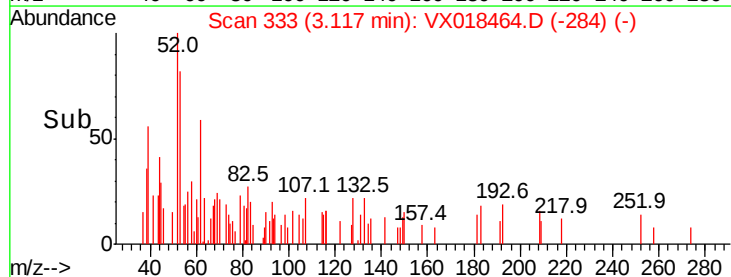
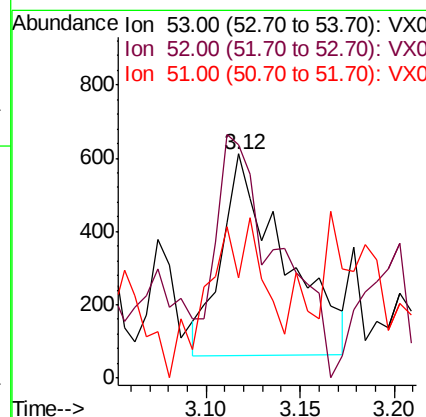
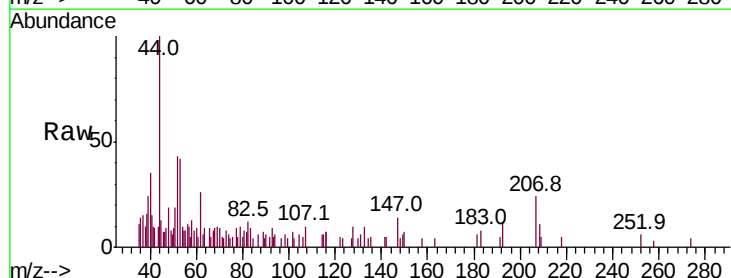
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL01

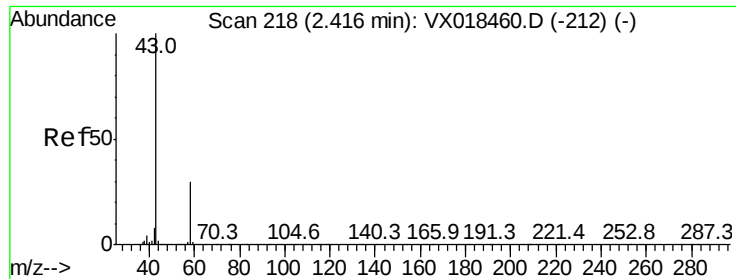
Tot Ion: 56 Resp: 1056
Ion Ratio Lower Upper
56 100
55 47.6 58.2 87.4#



#15
Acrylonitrile
Concen: 0.341 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018464.D
Acq: 17 Sep 2020 13:32

Tgt Ion: 53 Resp: 1267
Ion Ratio Lower Upper
53 100
52 115.9 65.8 98.8#
51 71.8 29.2 43.8#

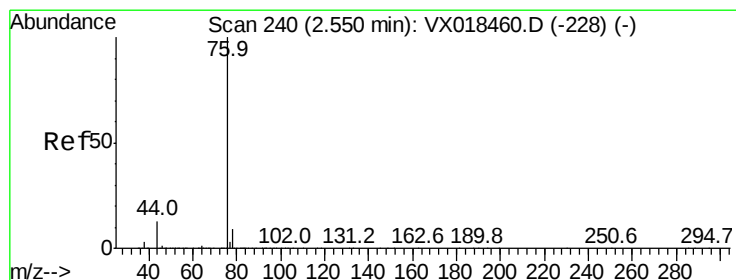
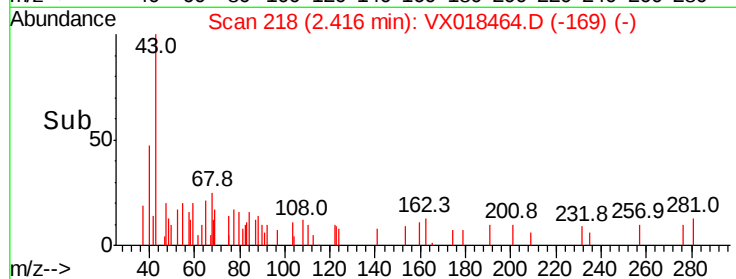
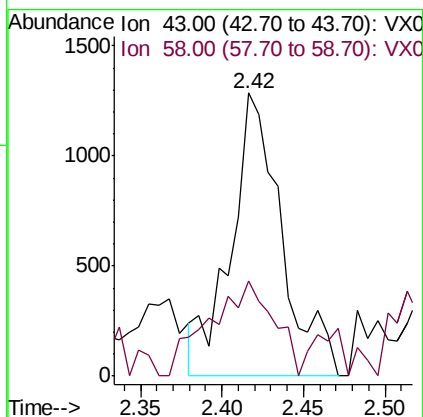
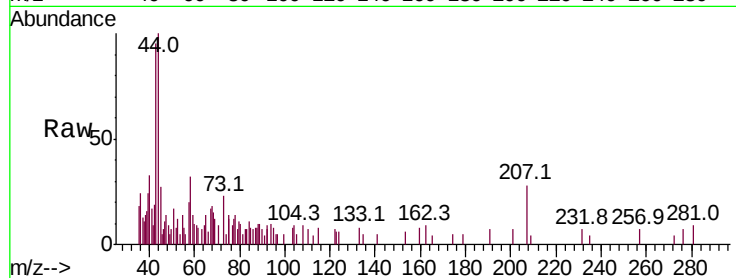




#16
Acetone
Concen: 0.813 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX018464.D
Acq: 17 Sep 2020 13:32

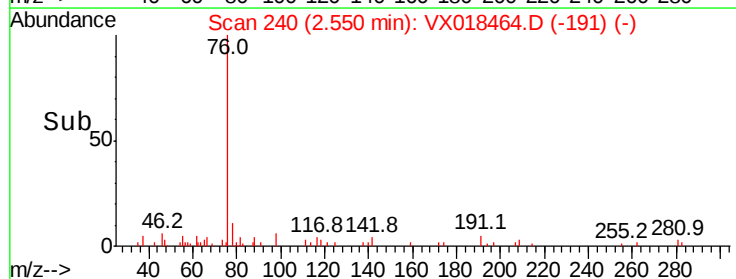
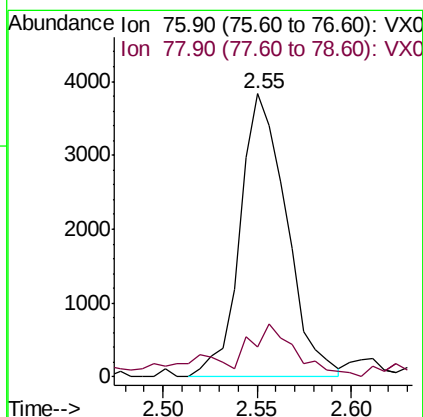
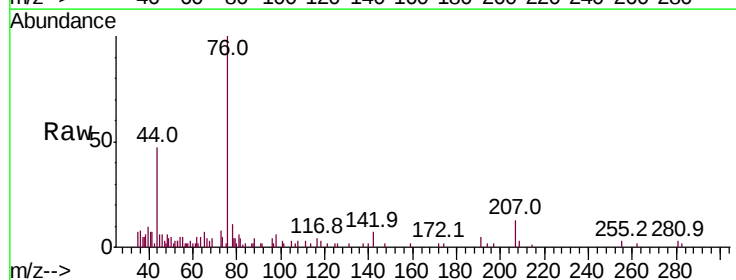
Instrument :
MSVOA_X
ClientSampled :
VX0917WBL01

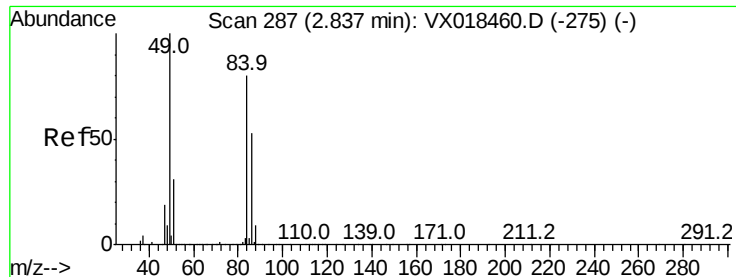
Tot Ion: 43 Resp: 2786
Ion Ratio Lower Upper
43 100
58 19.8 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018464.D
Acq: 17 Sep 2020 13:32

Tgt Ion: 76 Resp: 6525
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

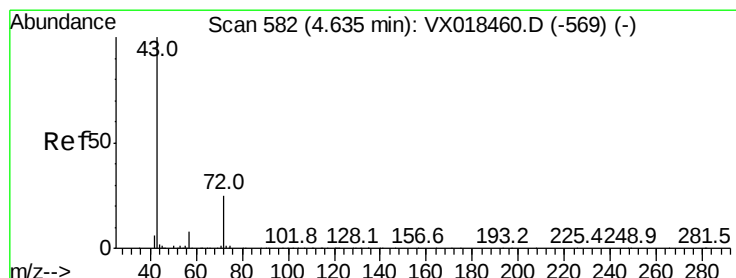
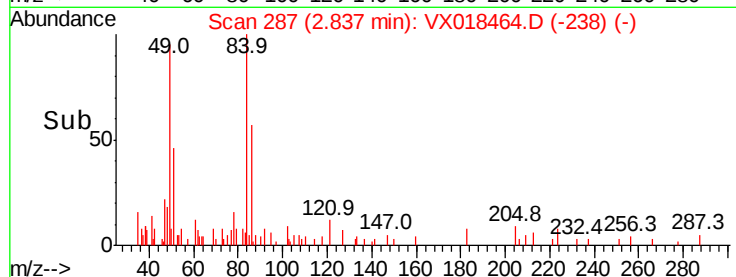
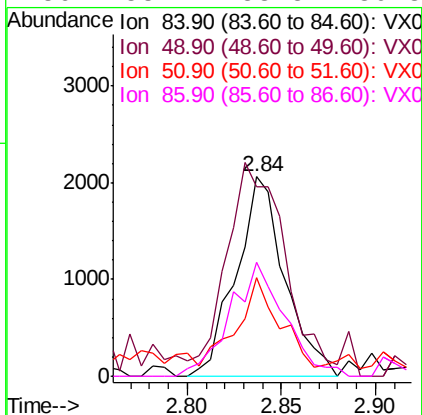
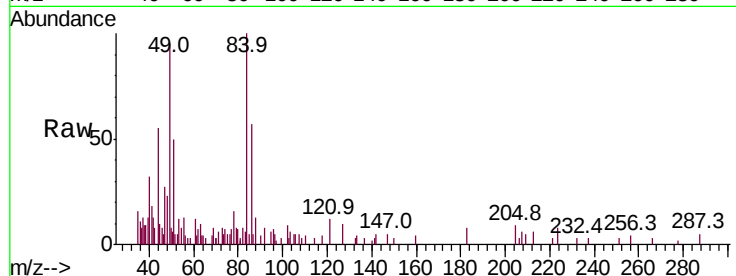




#20
Methvlene Chloride
Concen: 0.491 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018464.D
Acq: 17 Sep 2020 13:32

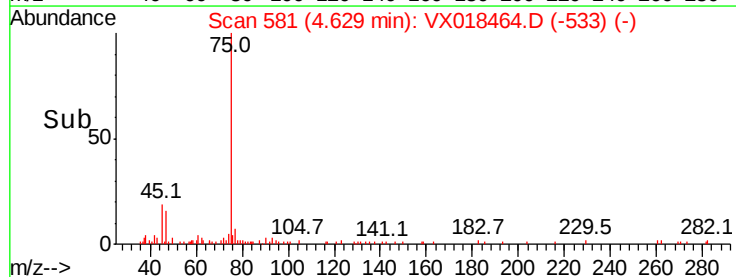
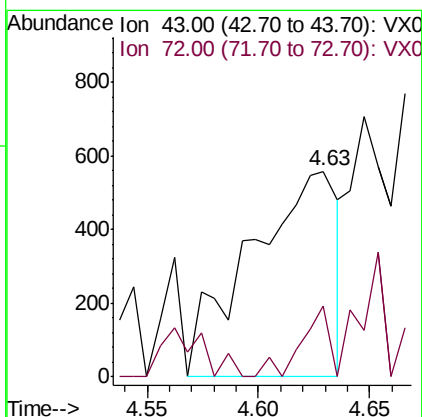
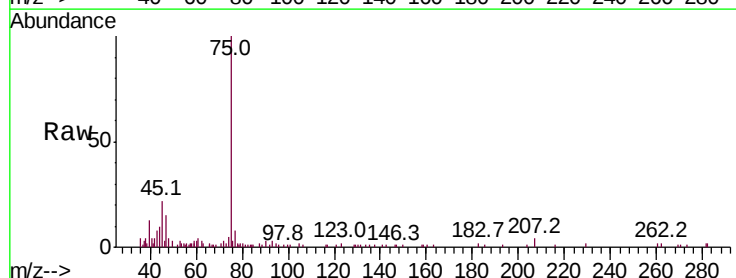
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL01

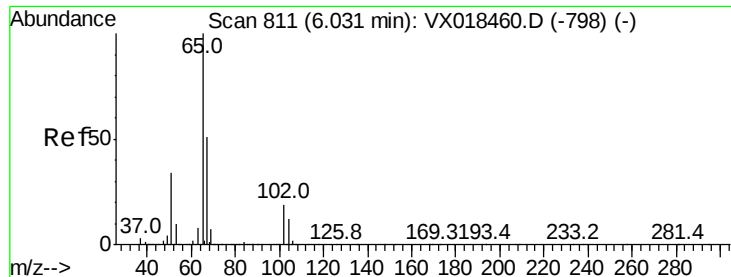
Tot Ion: 84 Resp: 3710
Ion Ratio Lower Upper
84 100
49 86.8 100.6 151.0#
51 42.3 30.9 46.3
86 53.4 53.5 80.3#



#25
2-Butanone
Concen: 0.286 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018464.D
Acq: 17 Sep 2020 13:32

Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
72 34.8 20.2 30.4#





#33

1,2-Dichloroethane-d4

Concen: 47.869 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

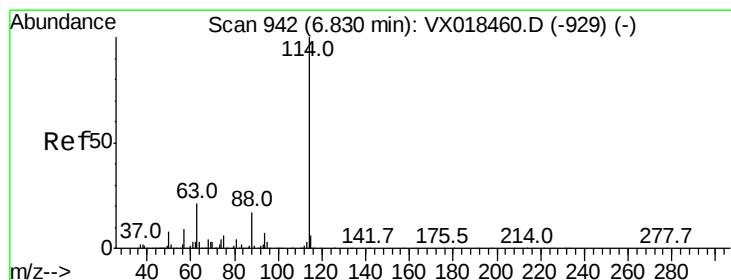
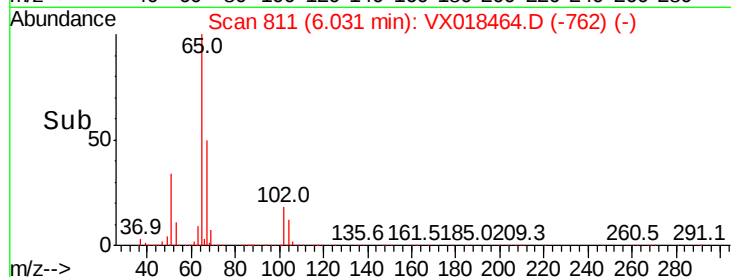
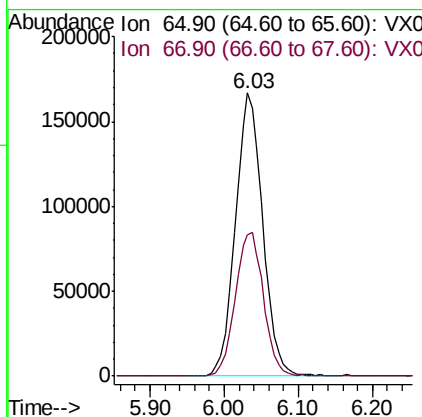
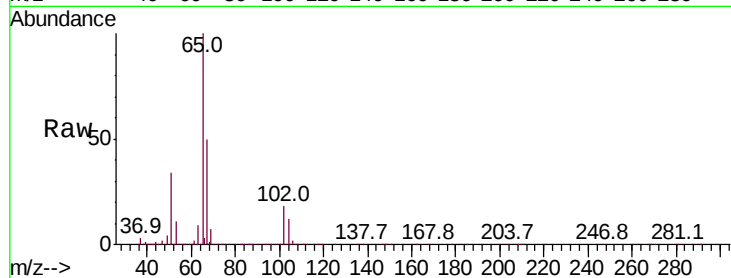
VX0917WBL01

Tot Ion: 65 Resp: 428993

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

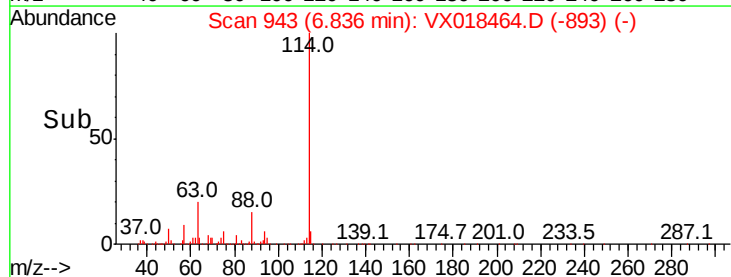
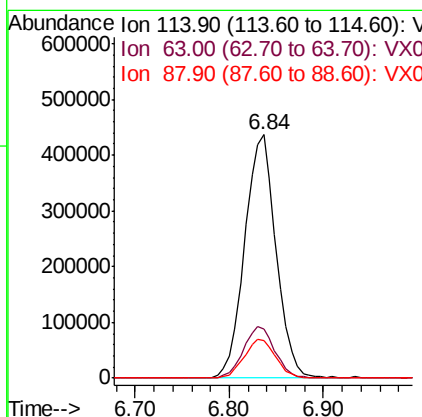
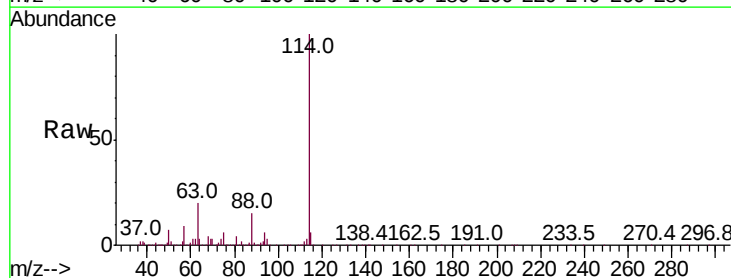
Tgt Ion: 114 Resp: 1018583

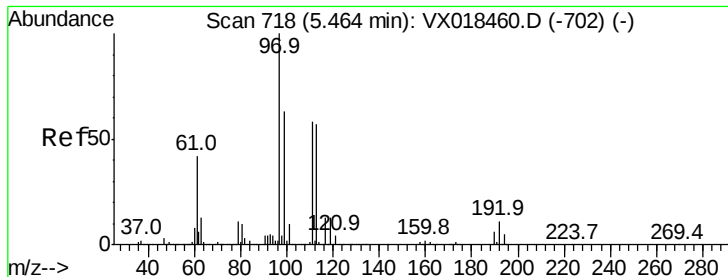
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 15.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.533 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

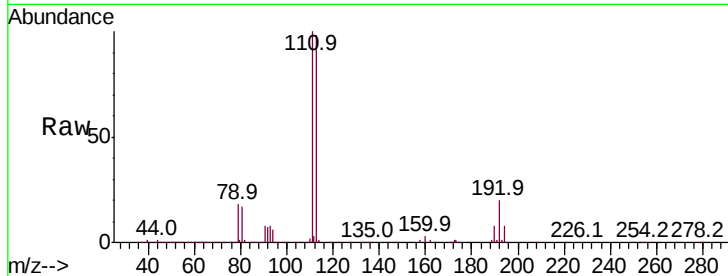
Tot Ion:113 Resp: 348790

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.2

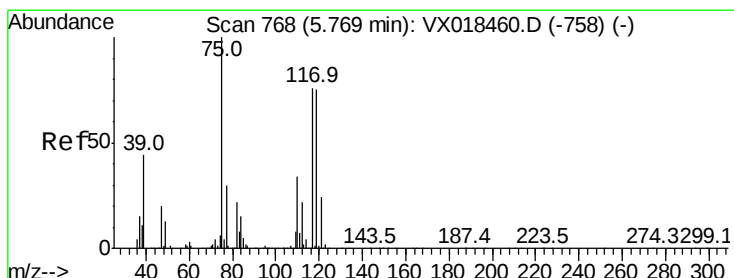
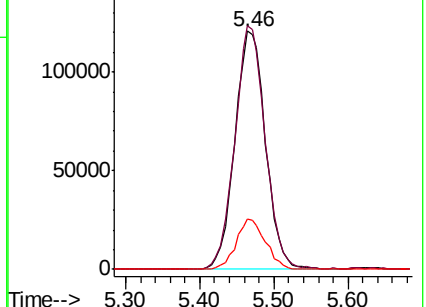
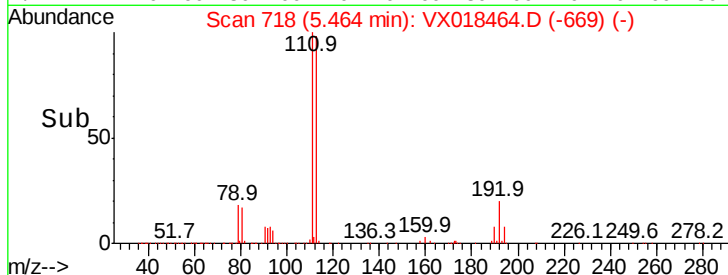
192 20.2 16.6 24.8



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: 4.910 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

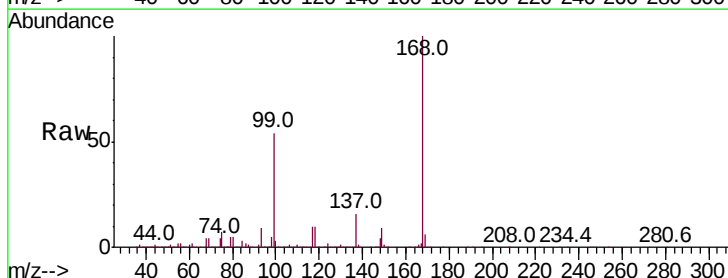
Tgt Ion: 75 Resp: 48541

Ion Ratio Lower Upper

75 100

110 10.0 17.6 52.8#

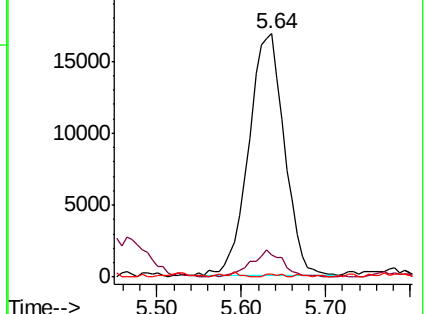
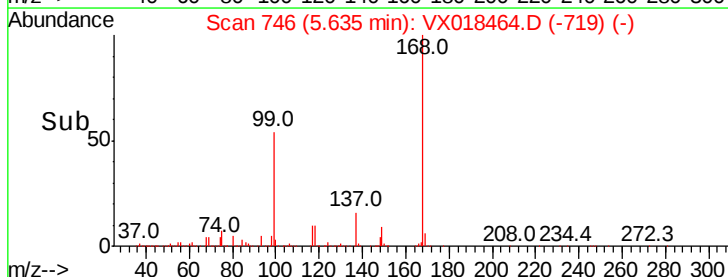
77 0.5 25.0 37.6#

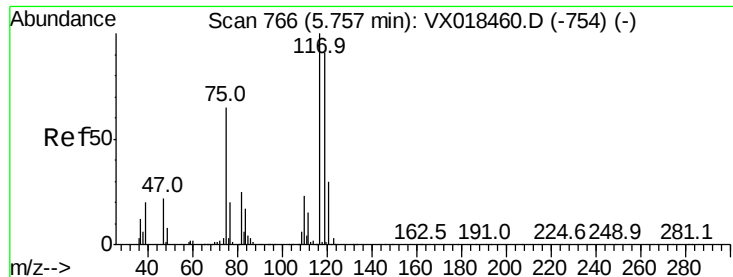


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.871 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

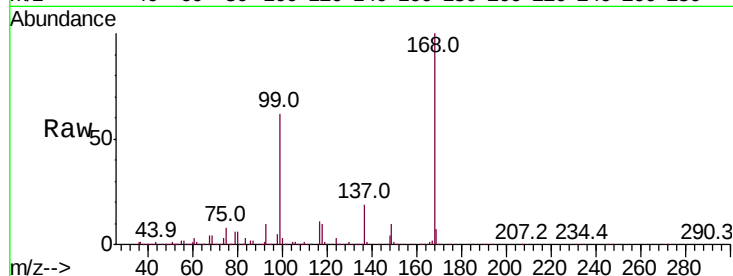
Tot Ion:117 Resp: 64278

Ion Ratio Lower Upper

117 100

119 4.7 72.3 108.5#

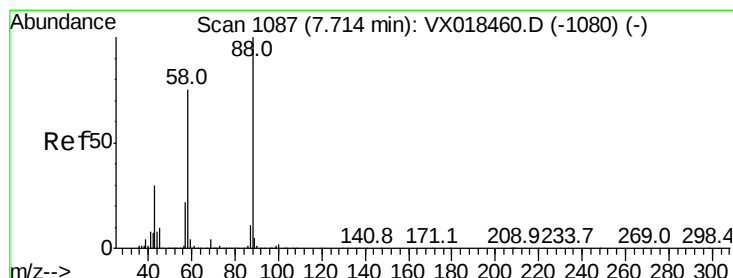
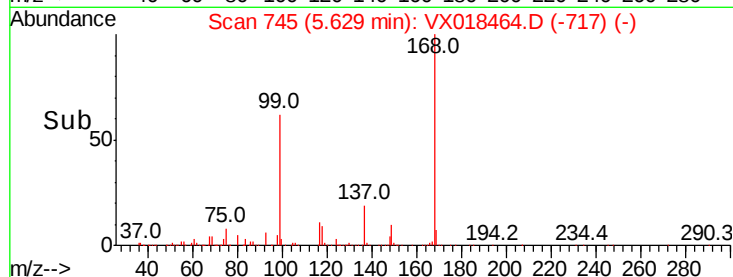
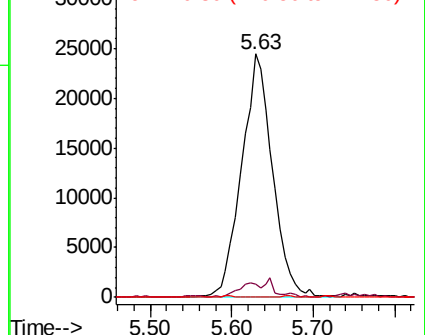
121 0.0 23.8 35.8#



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: 1.157 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

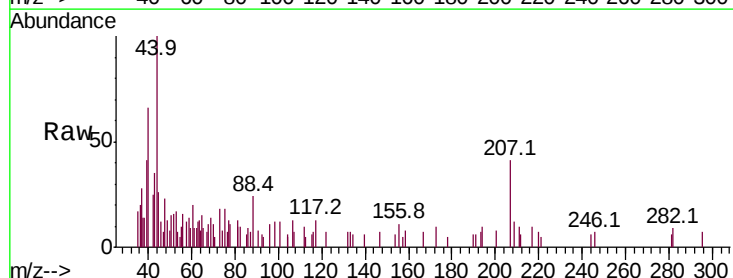
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 284.7 29.9 44.9#

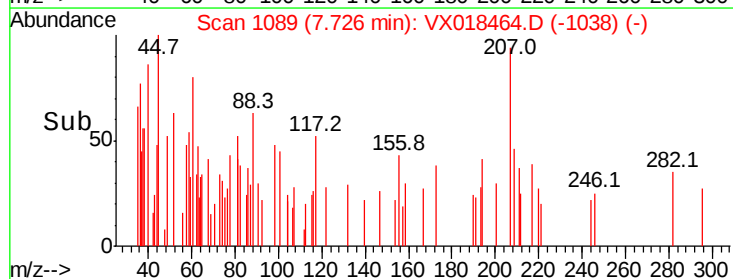
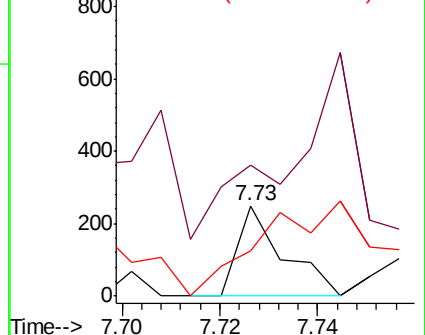
58 280.4 59.0 88.6#

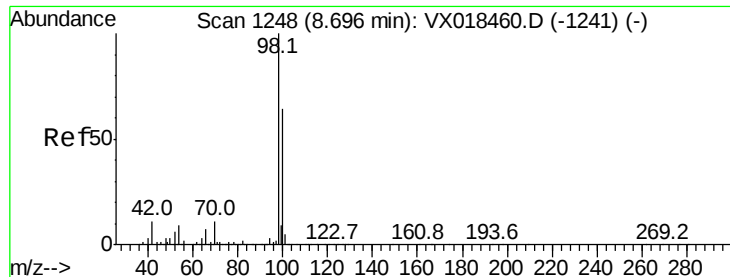


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.087 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

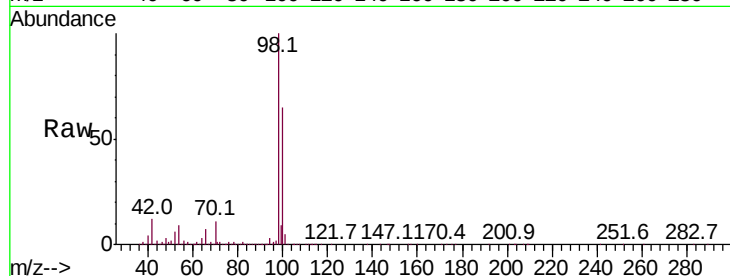
VX0917WBL01

Tot Ion: 98 Resp: 1255880

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

800000

600000

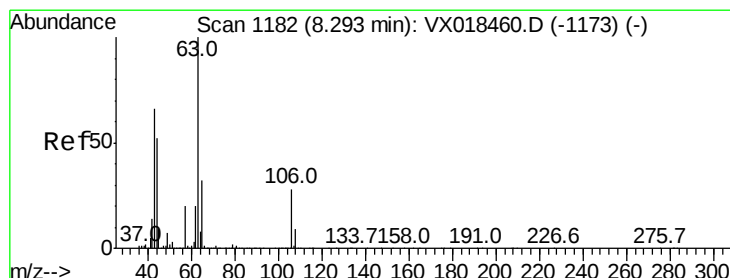
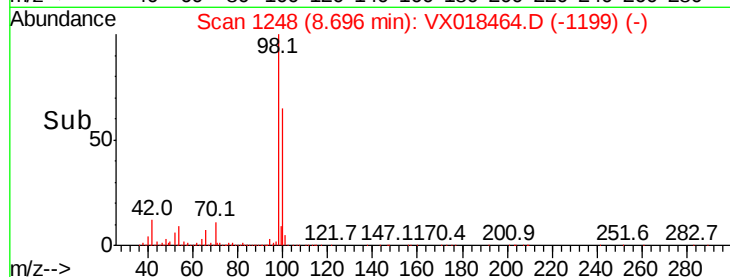
400000

200000

0

8.60 8.70 8.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 0.233 ug/l

RT: 8.30 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VX018464.D

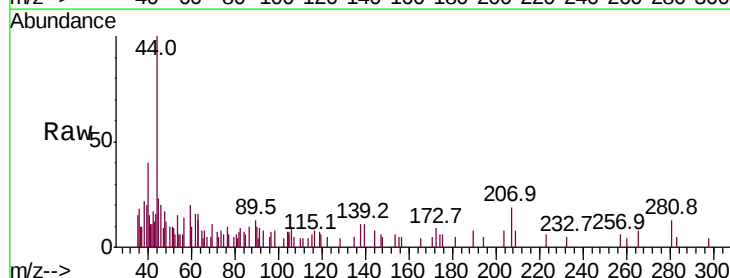
Acq: 17 Sep 2020 13:32

Tgt Ion: 63 Resp: 1360

Ion Ratio Lower Upper

63 100

106 30.3 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

400

300

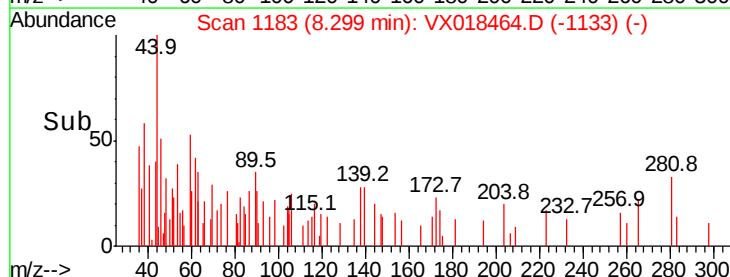
200

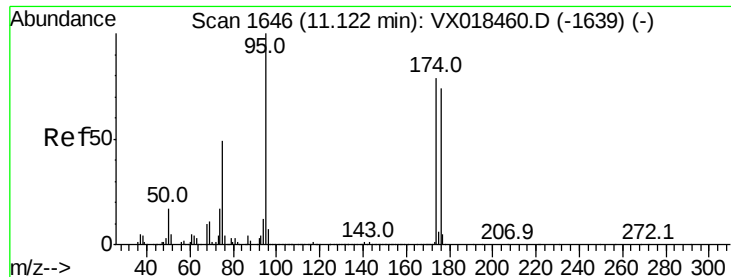
100

0

8.20 8.25 8.30 8.35

Time-->





#62

4-Bromofluorobenzene

Concen: 45.732 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

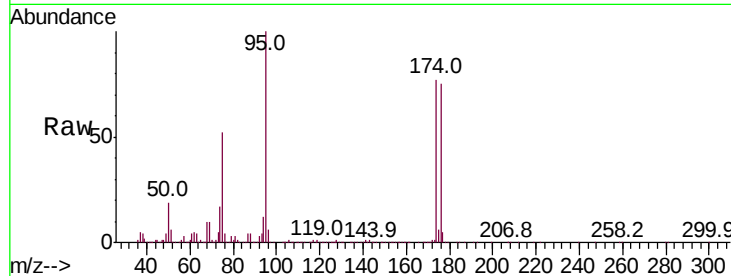
Tot Ion: 95 Resp: 465409

Ion Ratio Lower Upper

95 100

174 77.8 0.0 161.4

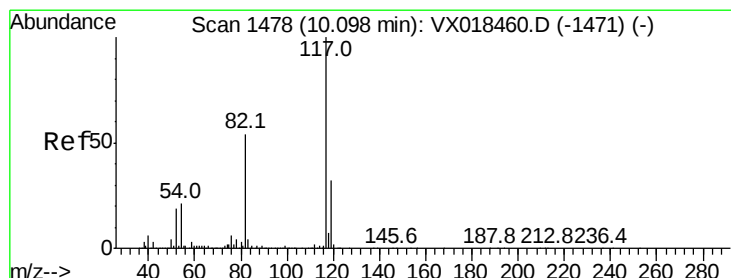
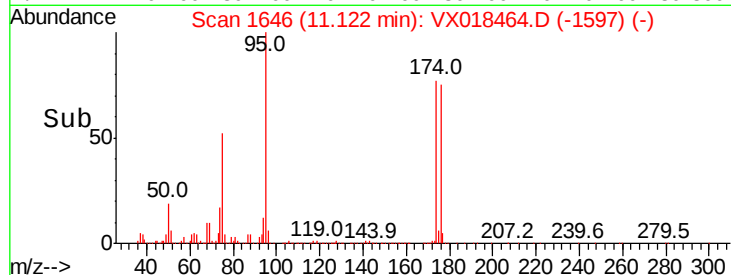
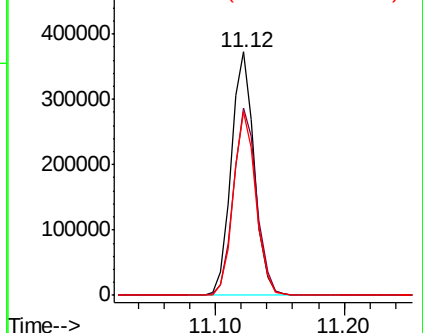
176 73.9 0.0 151.4



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: VX018464.D

Acq: 17 Sep 2020 13:32

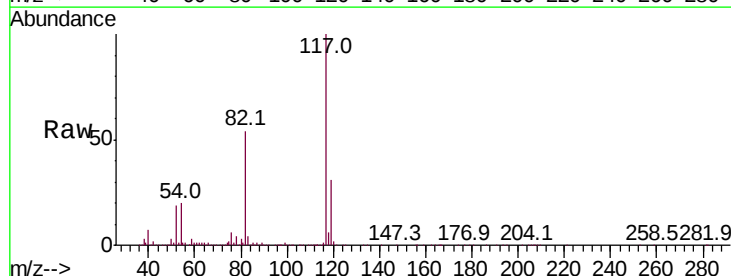
Tgt Ion: 117 Resp: 960928

Ion Ratio Lower Upper

117 100

82 54.2 43.3 64.9

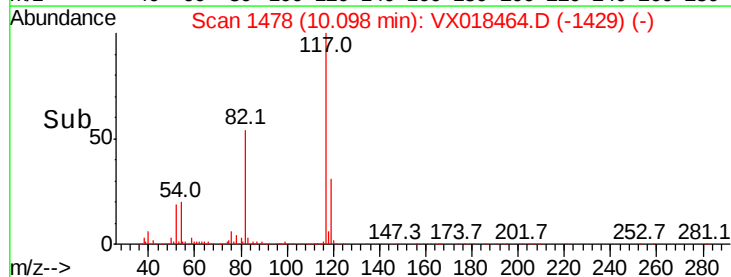
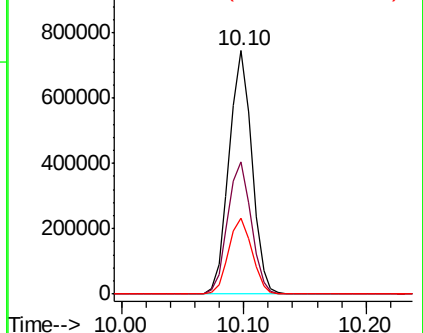
119 31.1 25.9 38.9

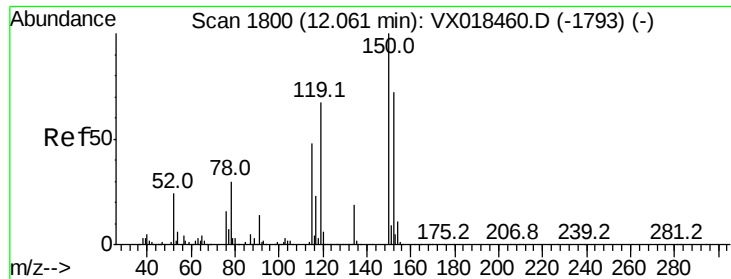


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

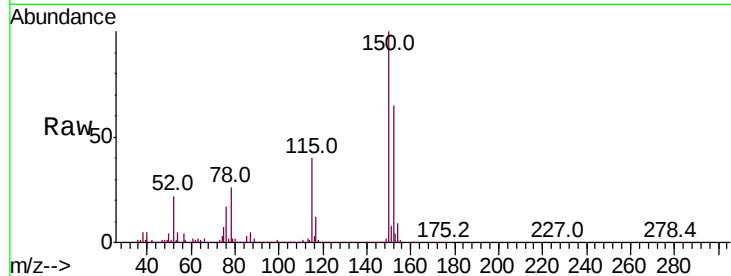
Tot Ion:152 Resp: 483429

Ion Ratio Lower Upper

152 100

115 58.4 41.8 125.4

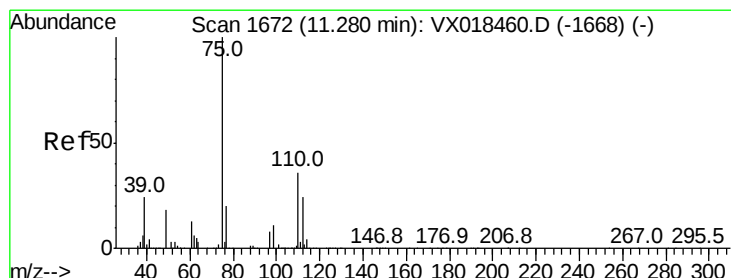
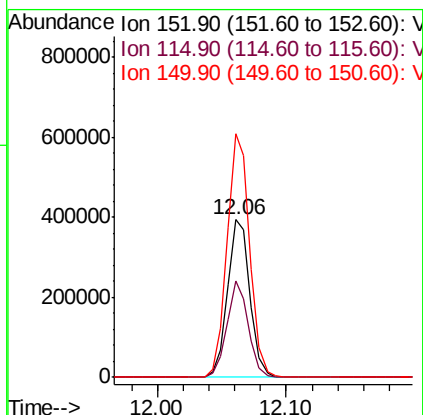
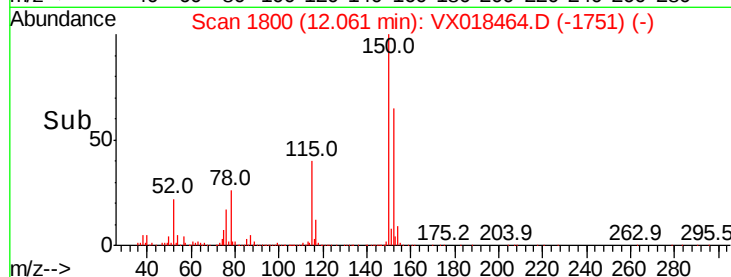
150 155.3 0.0 342.4



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: 23.353 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018464.D

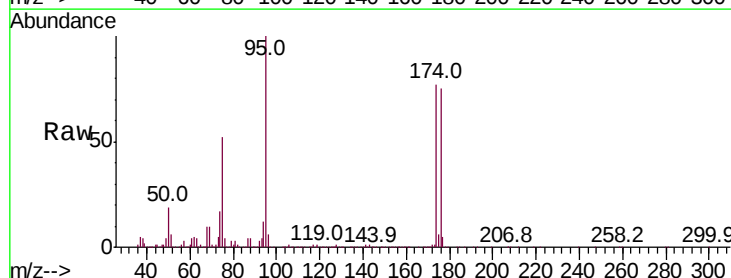
Acq: 17 Sep 2020 13:32

Tgt Ion: 75 Resp: 237243

Ion Ratio Lower Upper

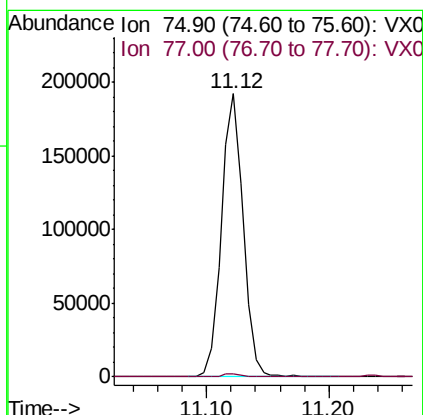
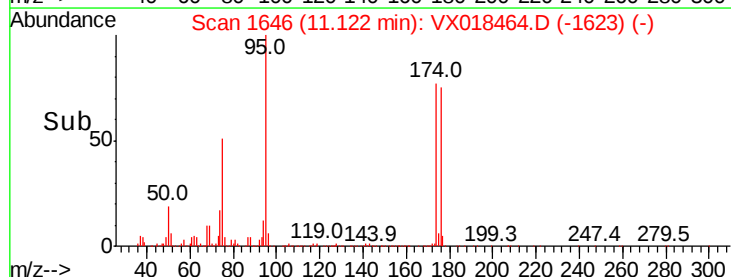
75 100

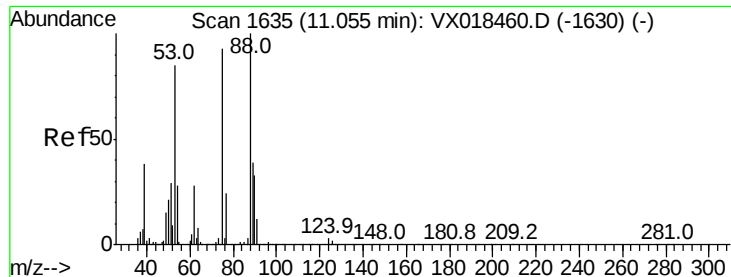
77 1.2 20.9 62.7#



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: 59.842 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018464.D

Acq: 17 Sep 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

Tot Ion: 75 Resp: 237243

Ion Ratio Lower Upper

75 100

53 0.3 74.6 111.8#

89 0.1 36.2 54.4#

