

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017695.D
 Acq On : 31 Jul 2020 12:50
 Operator : JC/SP
 Sample : L3525-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2020-07-30-TB04

Quant Time: Aug 01 02:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	486991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	802187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	860068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	465002	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	330930	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	5.47	113	275857	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
50) Toluene-d8	8.70	98	1004230	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.12	95	437529	56.49	ug/l	0.00
Spiked Amount			Recovery	=	112.98%	

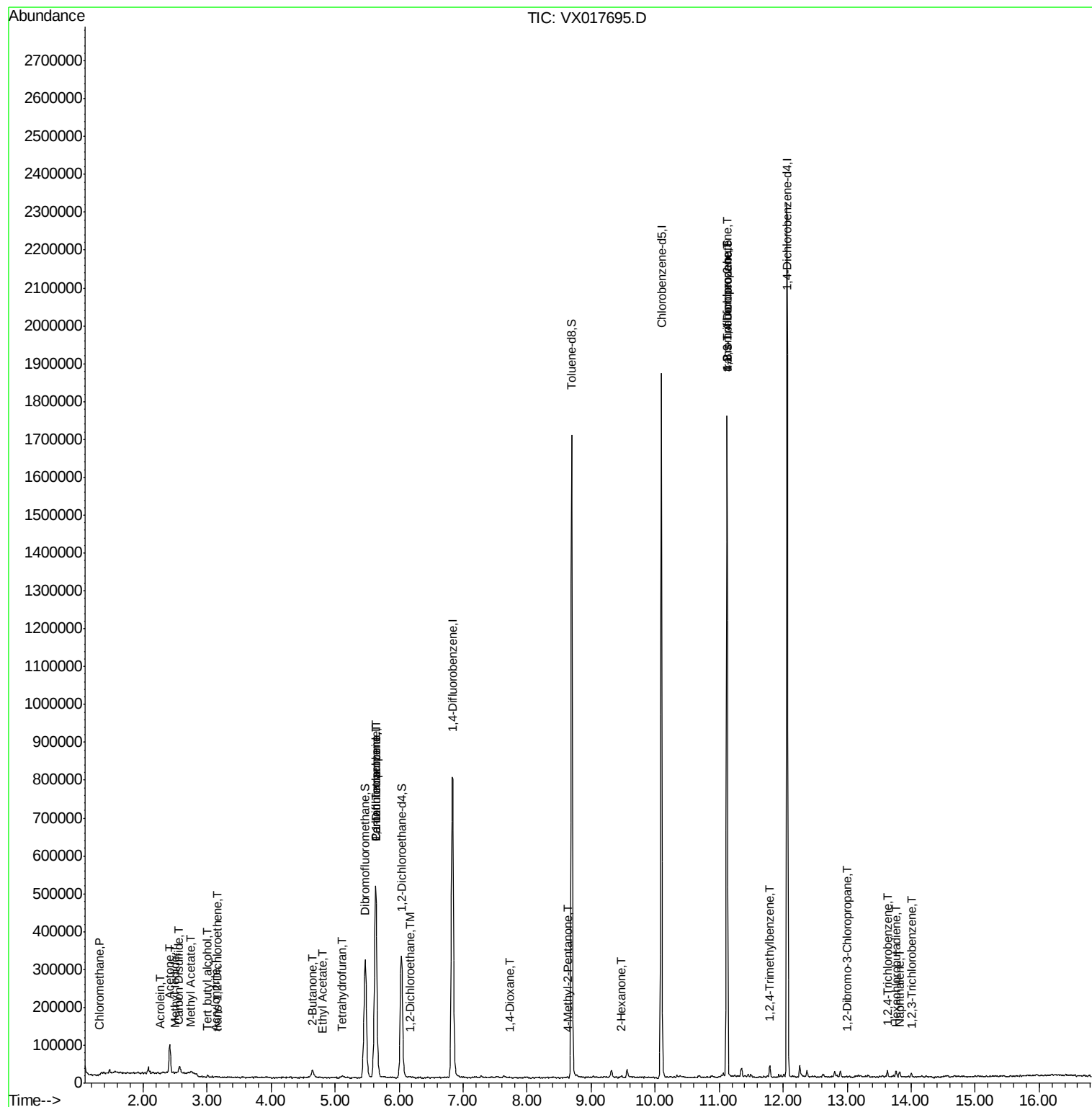
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	384	Below Cal	#	12
3) Chloromethane	1.31	50	1612	0.633	ug/l	100
5) Bromomethane	1.64	94	1244	Below Cal	#	36
6) Chloroethane	1.71	64	338	Below Cal	#	56
8) Diethyl Ether	2.17	74	719	Below Cal	#	1
10) Methyl Iodide	2.50	142	2103	0.311	ug/l	# 80
11) Tert butyl alcohol	3.01	59	4391	3.330	ug/l	# 75
13) Acrolein	2.27	56	2977	7.057	ug/l	# 40
15) Acrylonitrile	3.13	53	796	0.280	ug/l	# 92
16) Acetone	2.42	43	83698	30.399	ug/l	# 94
17) Carbon Disulfide	2.55	76	5281	0.345	ug/l	# 81
18) Methyl Acetate	2.75	43	7130	1.100	ug/l	# 82
20) Methylene Chloride	2.84	84	1610	Below Cal	#	45
21) trans-1,2-Dichloroethene	3.15	96	1864	0.346	ug/l	# 62
25) 2-Butanone	4.65	43	26259	6.713	ug/l	# 94
29) Tetrahydrofuran	5.11	42	4603	1.900	ug/l	# 74
36) 1,1-Dichloropropene	5.63	75	36505	4.745	ug/l	# 52
37) Ethyl Acetate	4.81	43	2461	0.292	ug/l	# 84
38) Carbon Tetrachloride	5.64	117	50300	5.384	ug/l	# 16
42) 1,2-Dichloroethane	6.18	62	1997	0.221	ug/l	# 87
49) 1,4-Dioxane	7.73	88	285	2.159	ug/l	# 53
51) 4-Methyl-2-Pentanone	8.63	43	2328	0.281	ug/l	# 93
59) 2-Hexanone	9.48	43	2258	0.362	ug/l	# 96
76) 1,2,3-Trichloropropane	11.12	75	223058	23.320	ug/l	# 34
81) trans-1,4-Dichloro-2-buten	11.12	75	223058	58.760	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.79	105	9912	0.366	ug/l	# 47
92) 1,2-Dibromo-3-Chloropropan	12.99	75	662	2.800	ug/l	# 74
93) 1,2,4-Trichlorobenzene	13.63	180	3459	0.336	ug/l	# 88
94) Hexachlorobutadiene	13.76	225	1992	0.421	ug/l	# 93
95) Naphthalene	13.82	128	8590	0.280	ug/l	# 90
96) 1,2,3-Trichlorobenzene	14.01	180	3059	0.301	ug/l	# 88

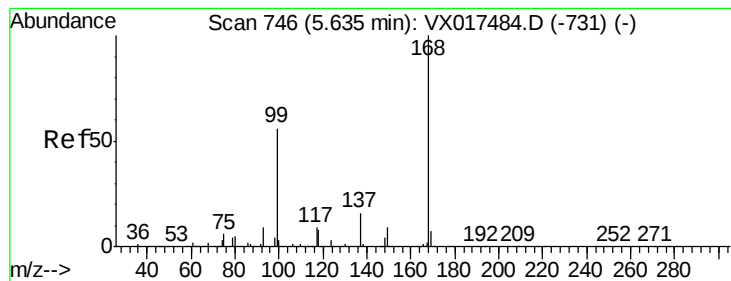
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

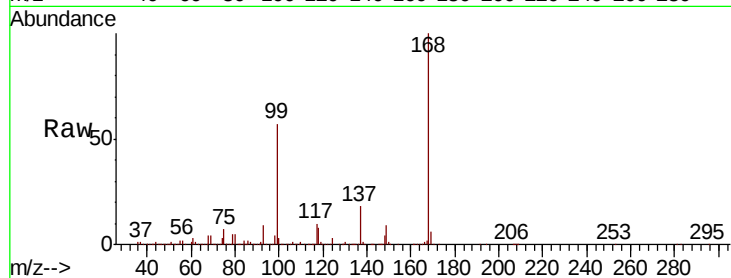
2020-07-30-TB04

Tot Ion:168 Resp: 486991

Ion Ratio Lower Upper

168 100

99 56.7 43.4 65.2



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

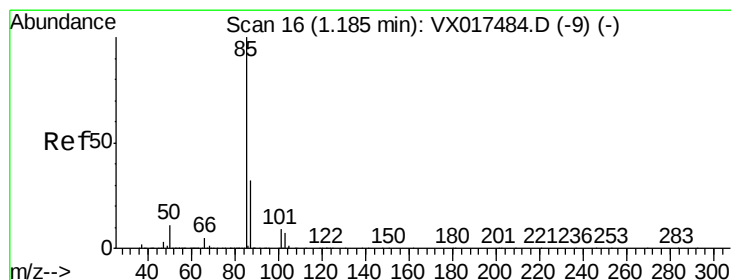
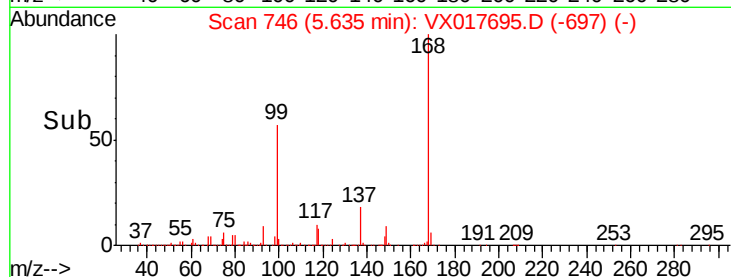
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017695.D

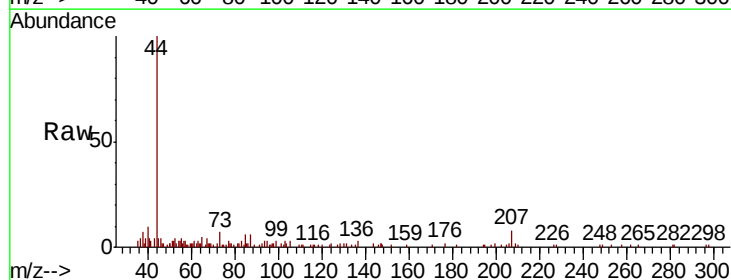
Acq: 31 Jul 2020 12:50

Tgt Ion: 85 Resp: 384

Ion Ratio Lower Upper

85 100

87 81.6 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500

400

300

200

100

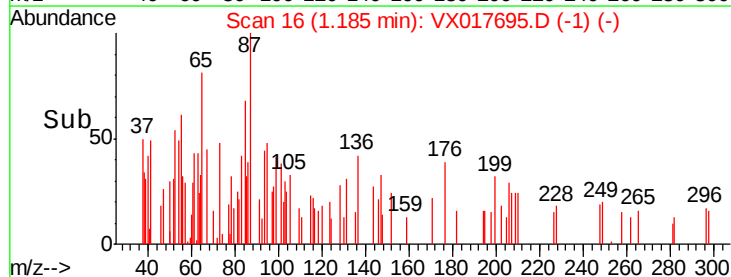
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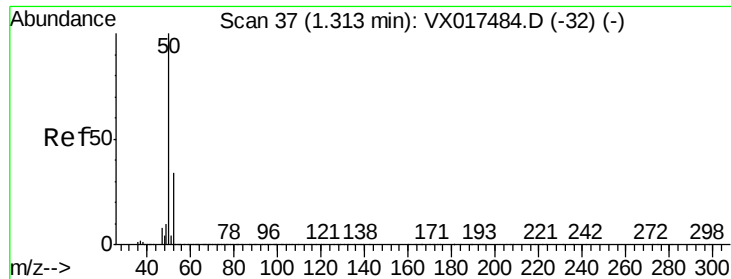
Time-->

1.16

1.18

1.20





#3

Chloromethane

Concen: 0.633 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

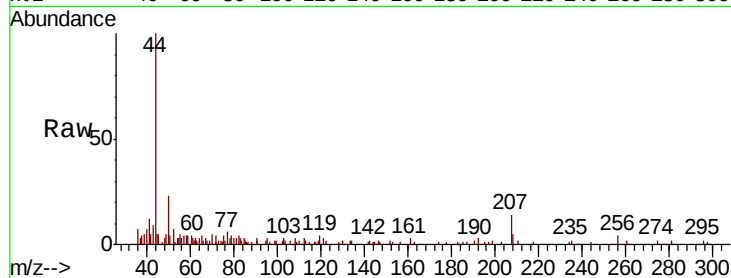
2020-07-30-TB04

Tot Ion: 50 Resp: 1612

Ion Ratio Lower Upper

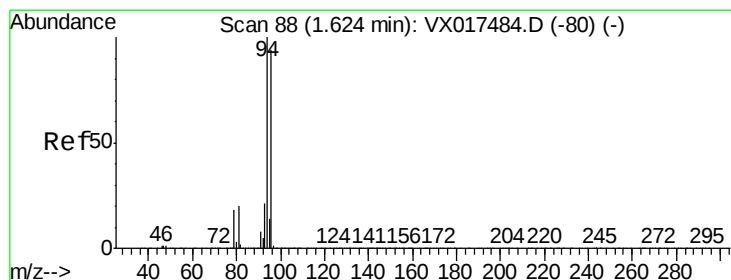
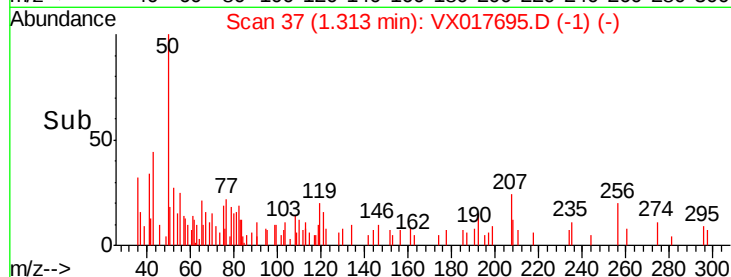
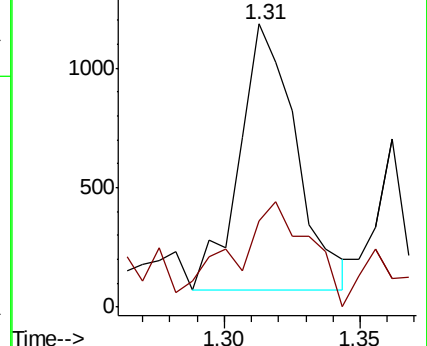
50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017695.D

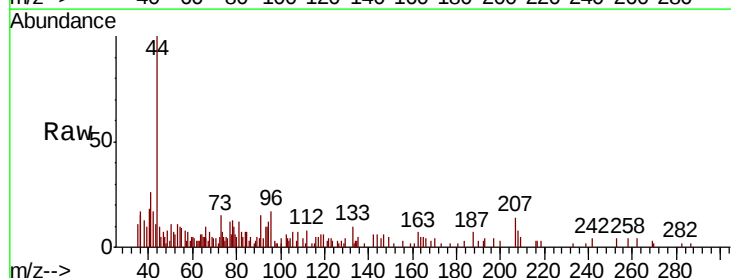
Acq: 31 Jul 2020 12:50

Tgt Ion: 94 Resp: 1244

Ion Ratio Lower Upper

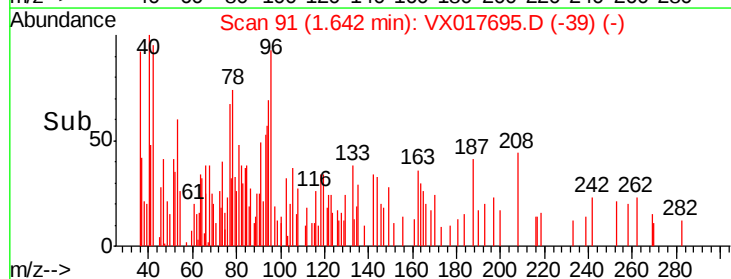
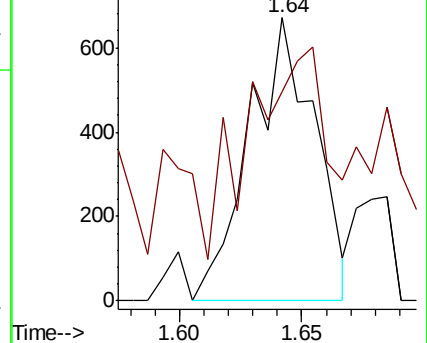
94 100

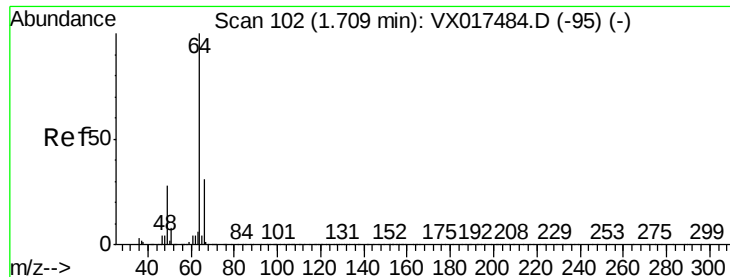
96 31.1 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

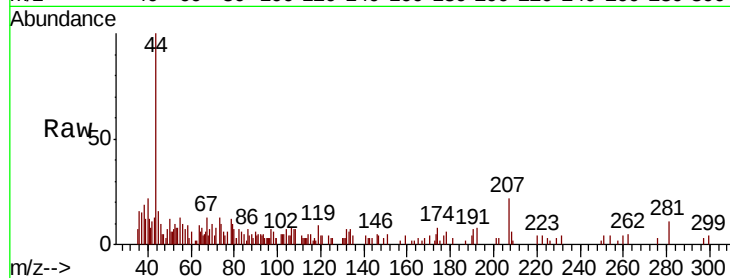
2020-07-30-TB04

Tot Ion: 64 Resp: 338

Ion Ratio Lower Upper

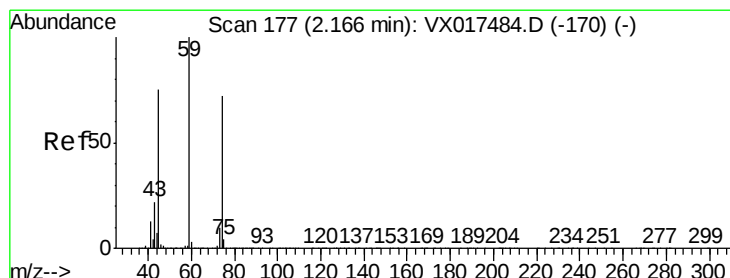
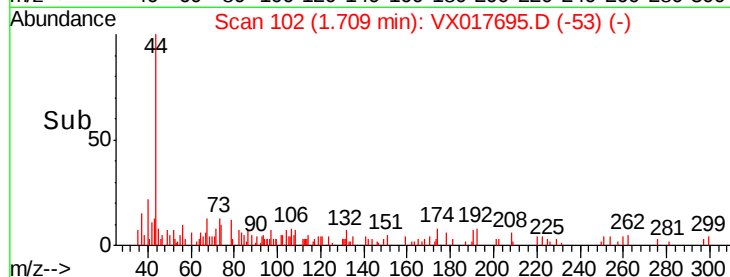
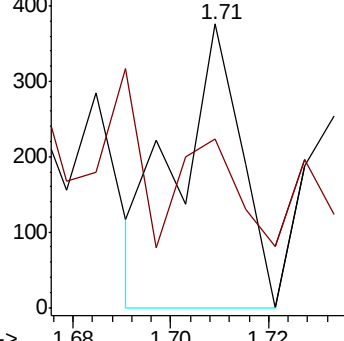
64 100

66 55.4 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017695.D

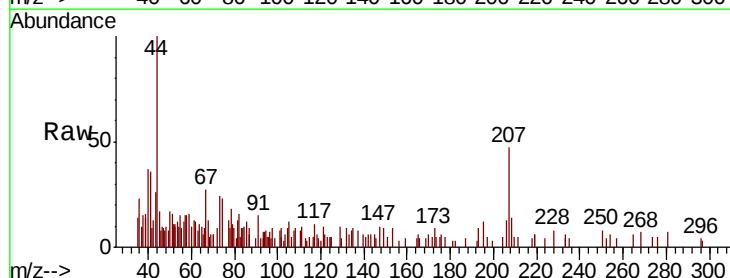
Acq: 31 Jul 2020 12:50

Tgt Ion: 74 Resp: 719

Ion Ratio Lower Upper

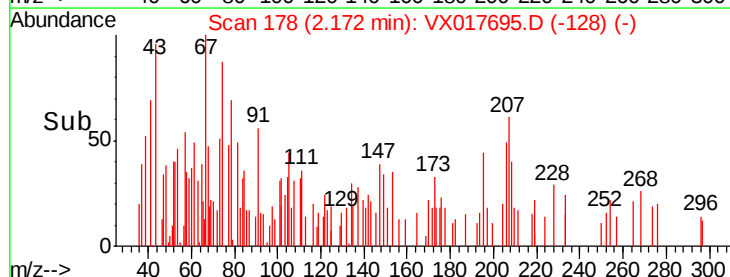
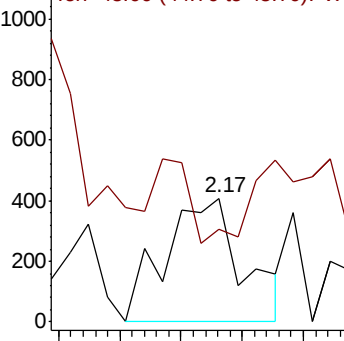
74 100

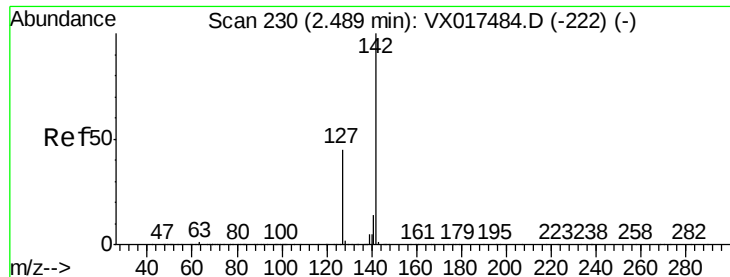
45 0.0 50.8 152.5#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

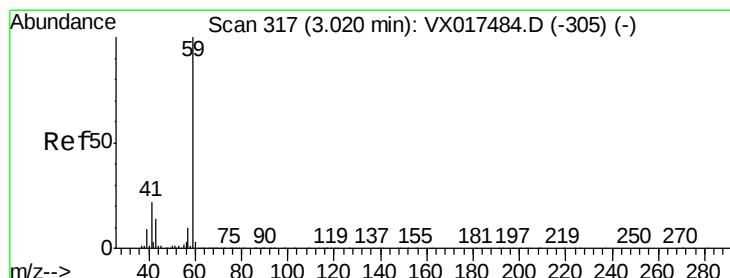
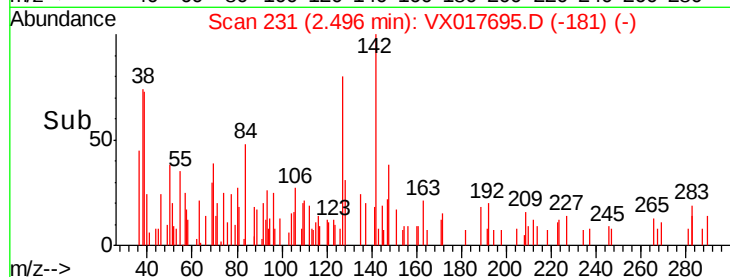
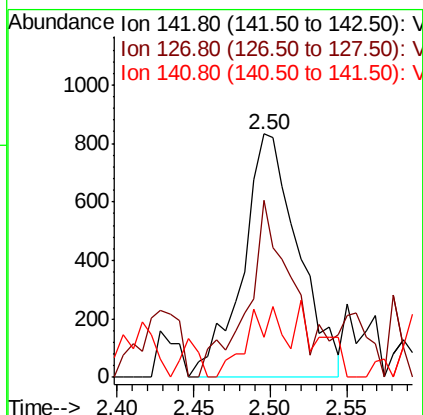
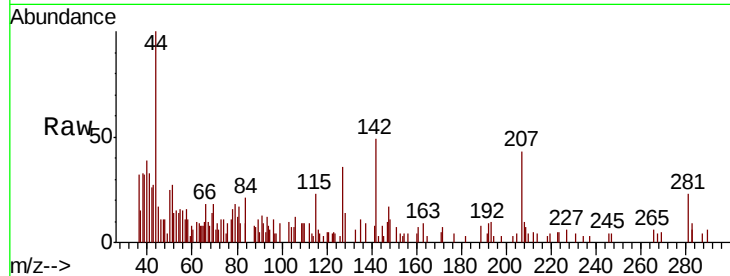




#10
Methyl Iodide
Concen: 0.311 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

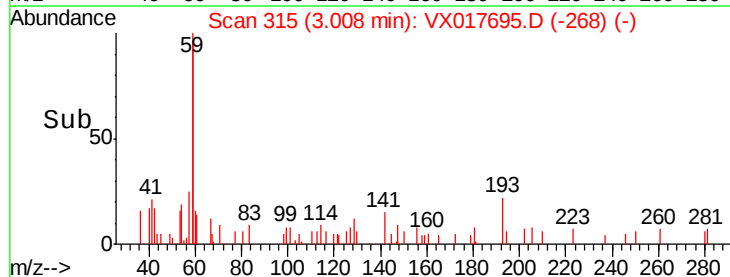
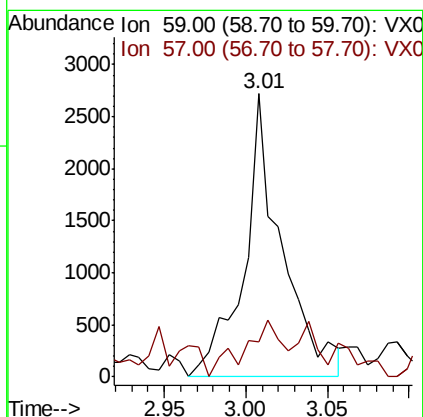
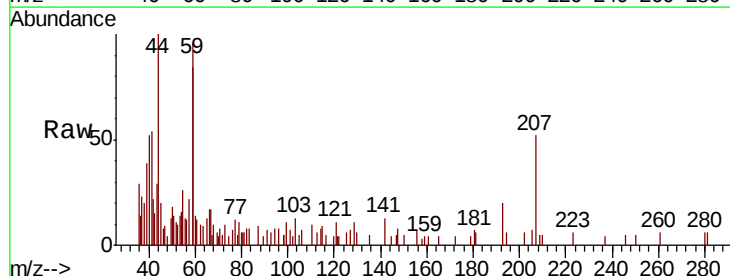
Instrument :
MSVOA_X
ClientSampleId :
2020-07-30-TB04

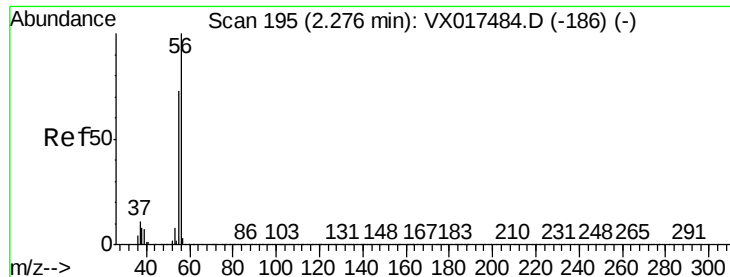
Tot Ion:142 Resp: 2103
Ion Ratio Lower Upper
142 100
127 59.6 35.9 53.9#
141 18.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.330 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

Tgt Ion: 59 Resp: 4391
Ion Ratio Lower Upper
59 100
57 20.3 8.6 12.8#





#13

Acrolein

Concen: 7.057 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

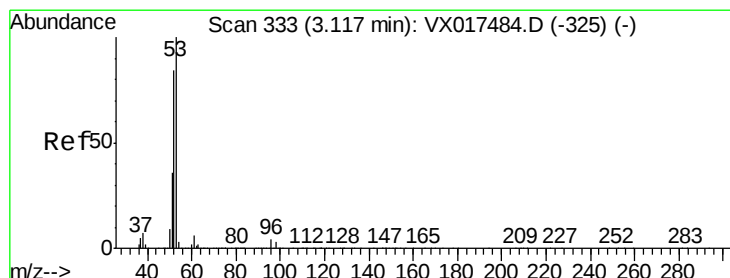
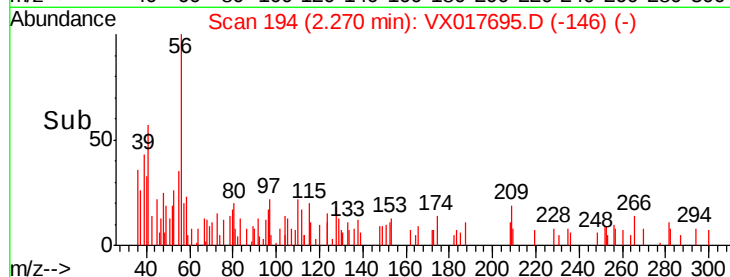
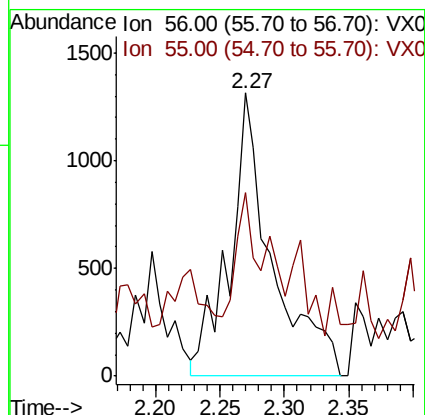
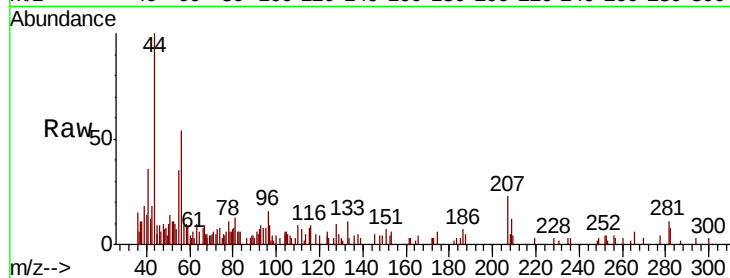
2020-07-30-TB04

Tot Ion: 56 Resp: 2977

Ion Ratio Lower Upper

56 100

55 21.6 57.4 86.2#



#15

Acrylonitrile

Concen: 0.280 ug/l

RT: 3.13 min Scan# 335

Delta R.T. 0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

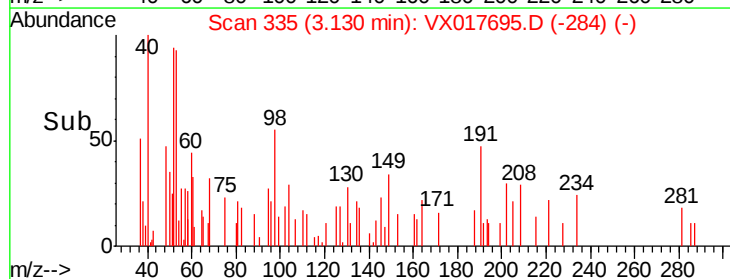
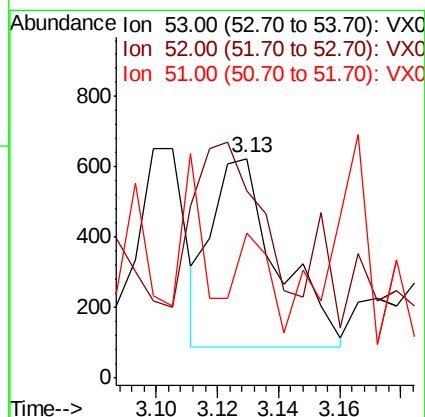
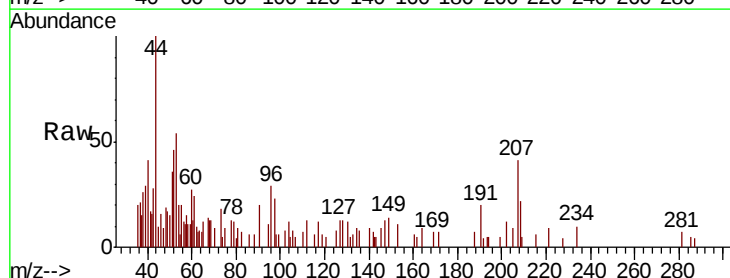
Tgt Ion: 53 Resp: 796

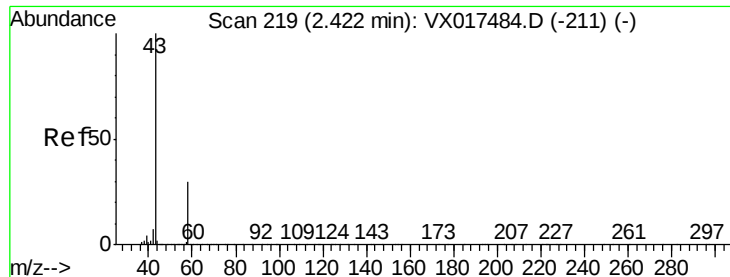
Ion Ratio Lower Upper

53 100

52 86.8 66.6 99.8

51 26.6 29.4 44.2#





#16

Acetone

Concen: 30.399 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

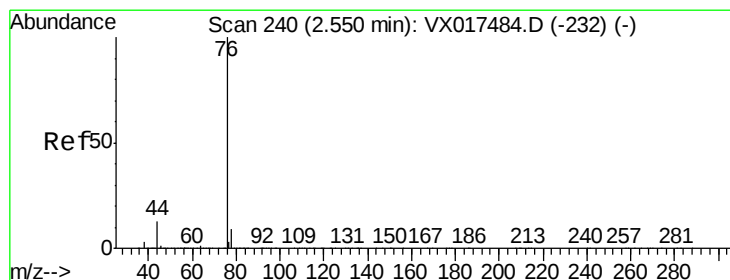
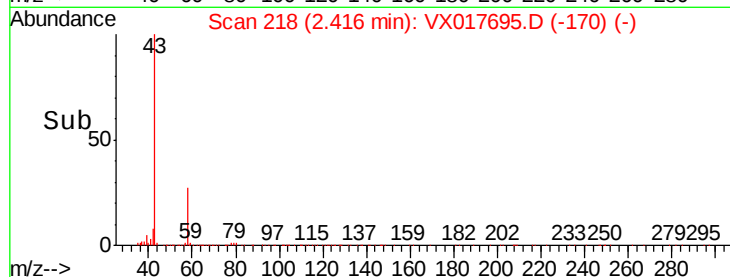
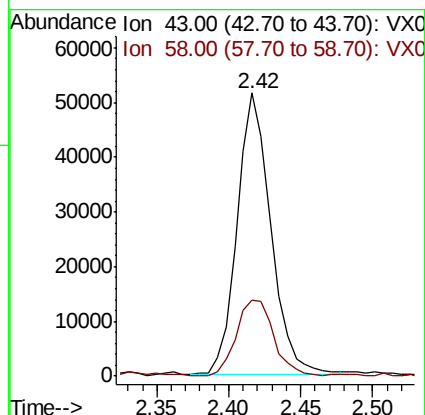
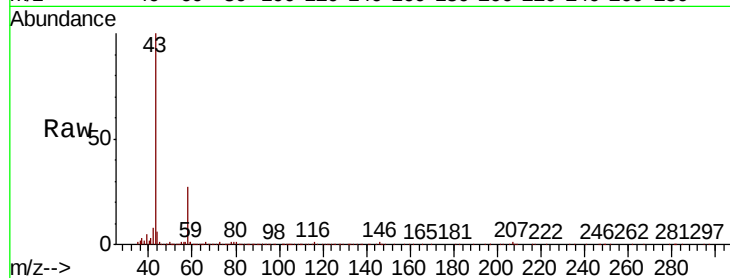
2020-07-30-TB04

Tot Ion: 43 Resp: 83698

Ion Ratio Lower Upper

43 100

58 26.9 24.2 36.4



#17

Carbon Disulfide

Concen: 0.345 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017695.D

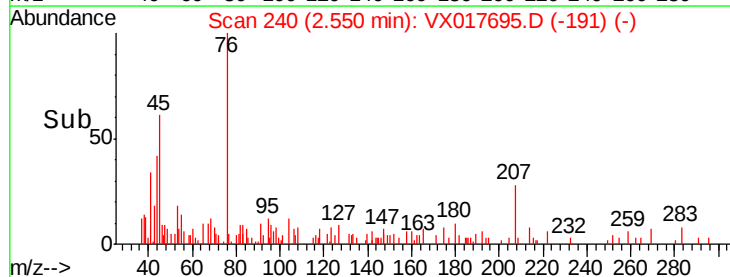
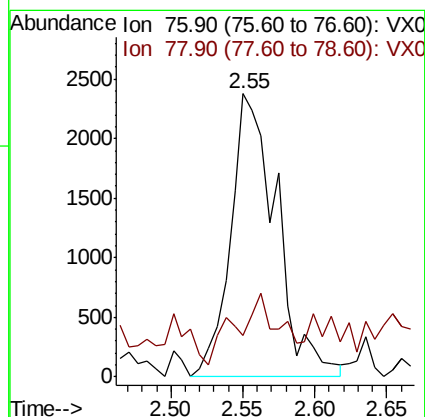
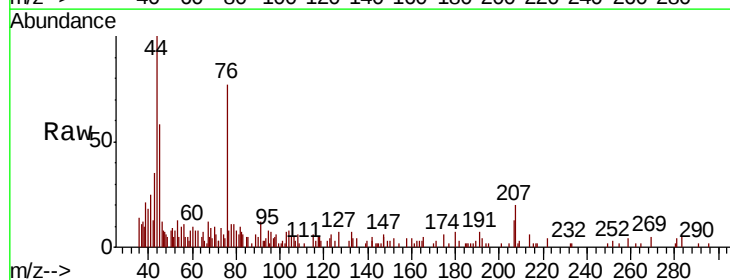
Acq: 31 Jul 2020 12:50

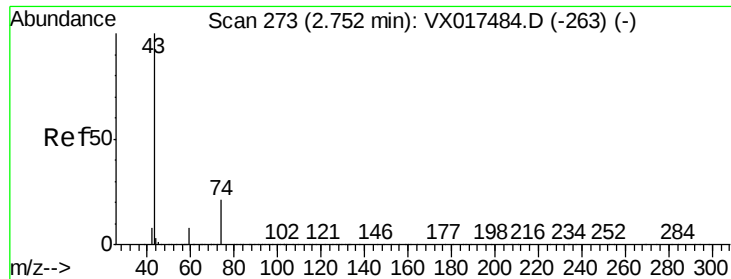
Tgt Ion: 76 Resp: 5281

Ion Ratio Lower Upper

76 100

78 2.4 7.5 11.3#

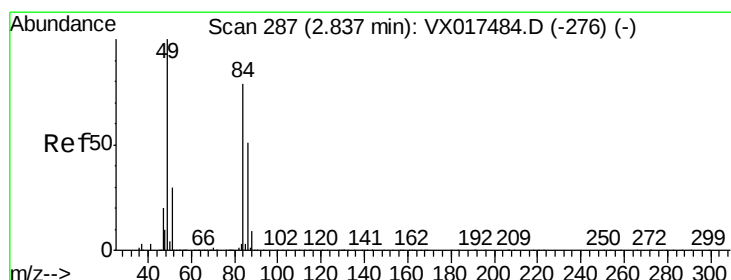
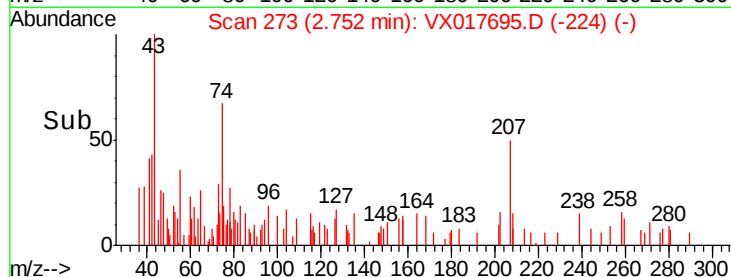
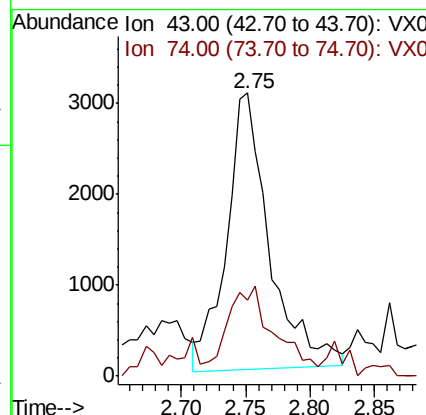
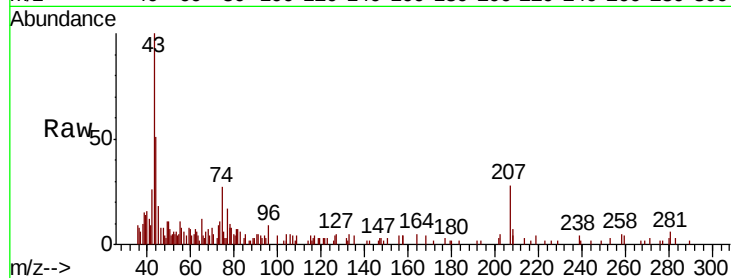




#18
Methyl Acetate
Concen: 1.100 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

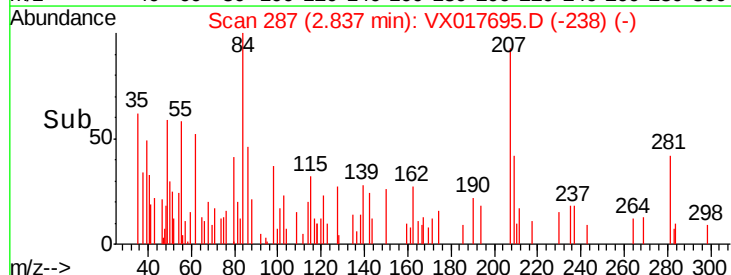
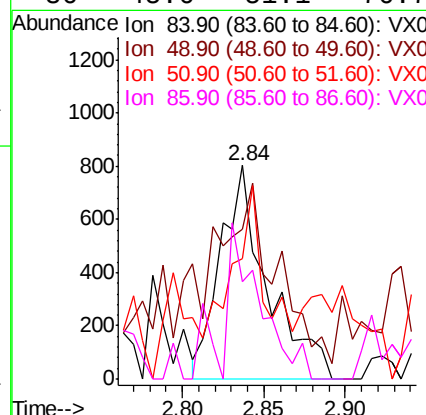
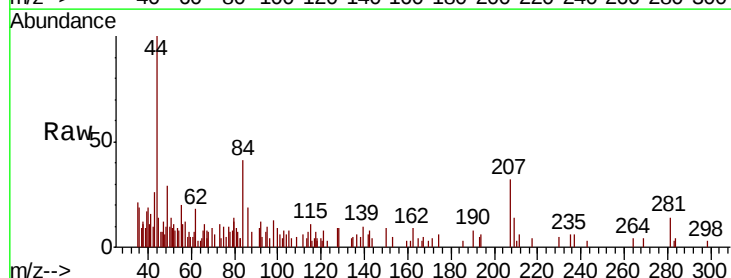
Instrument :
MSVOA_X
ClientSampleId :
2020-07-30-TB04

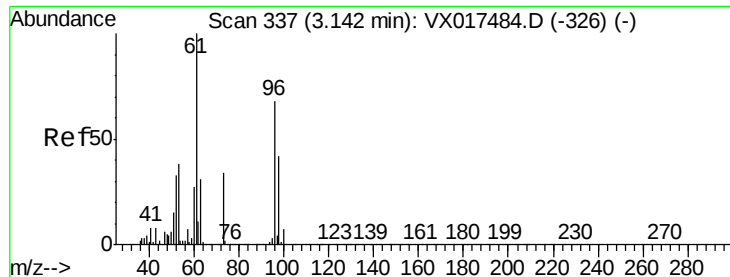
Tot Ion: 43 Resp: 7130
Ion Ratio Lower Upper
43 100
74 30.6 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

Tgt Ion: 84 Resp: 1610
Ion Ratio Lower Upper
84 100
49 31.1 100.3 150.5#
51 27.5 30.5 45.7#
86 45.6 51.1 76.7#





#21

trans-1,2-Dichloroethene

Concen: 0.346 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampled :

2020-07-30-TB04

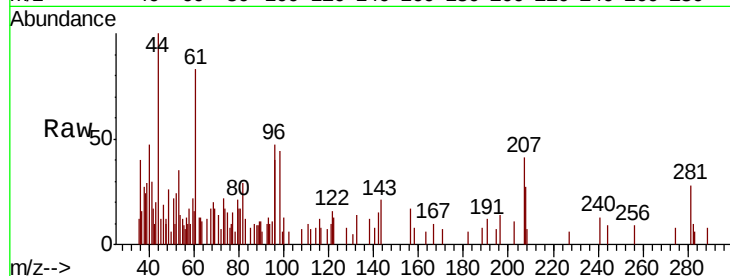
Tot Ion: 96 Resp: 1864

Ion Ratio Lower Upper

96 100

61 82.2 113.0 169.4#

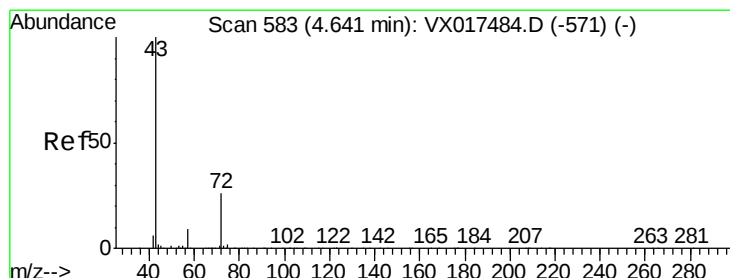
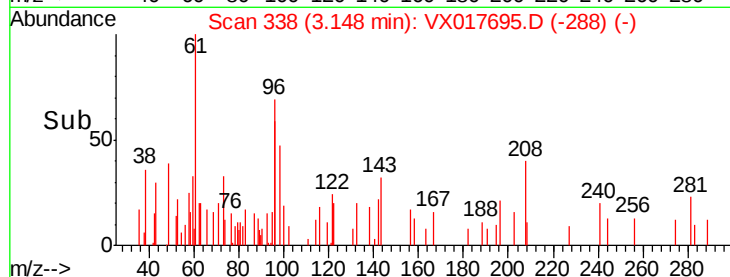
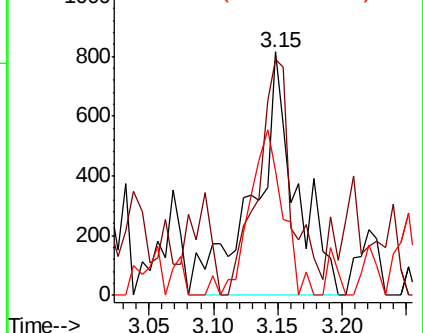
98 51.4 51.8 77.8#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 6.713 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017695.D

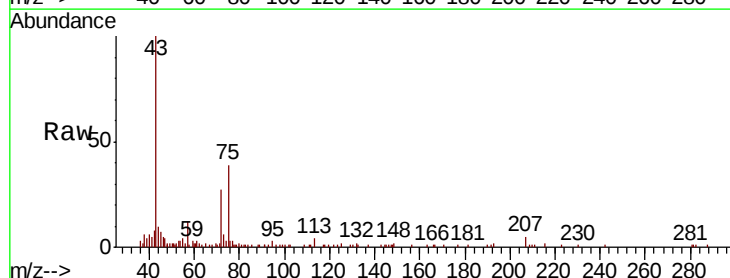
Acq: 31 Jul 2020 12:50

Tgt Ion: 43 Resp: 26259

Ion Ratio Lower Upper

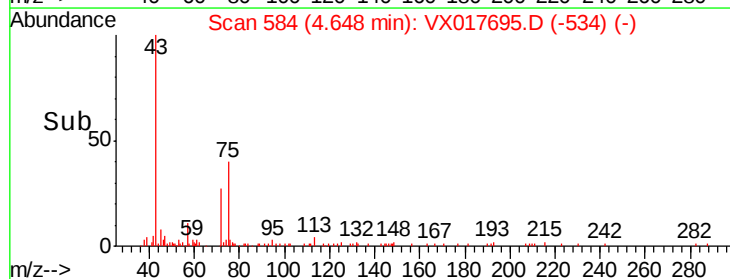
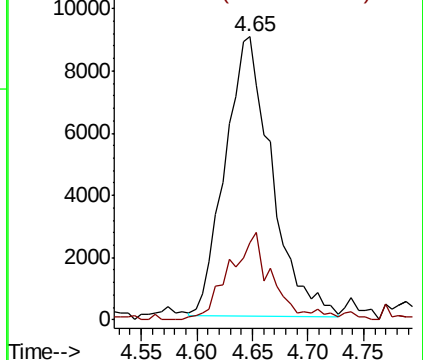
43 100

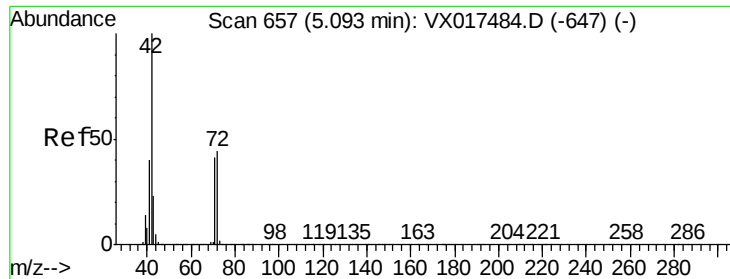
72 26.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

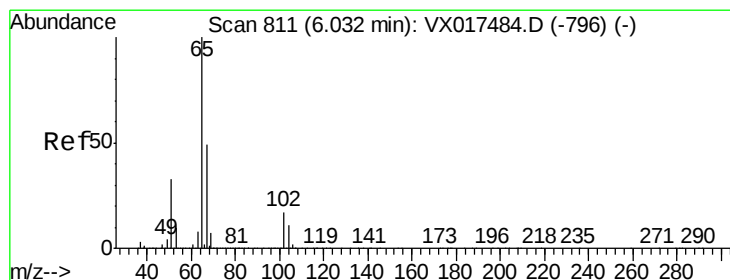
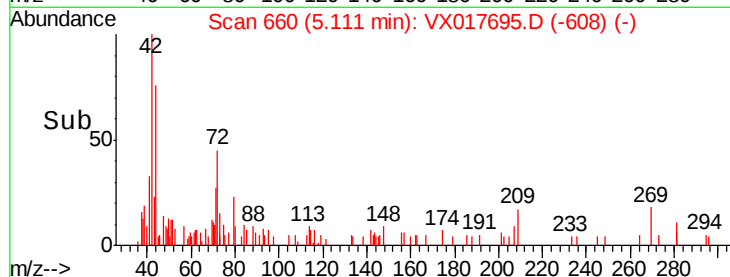
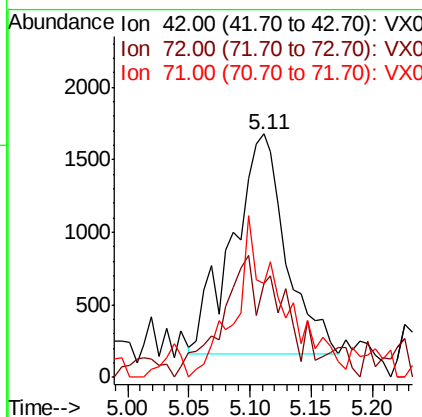
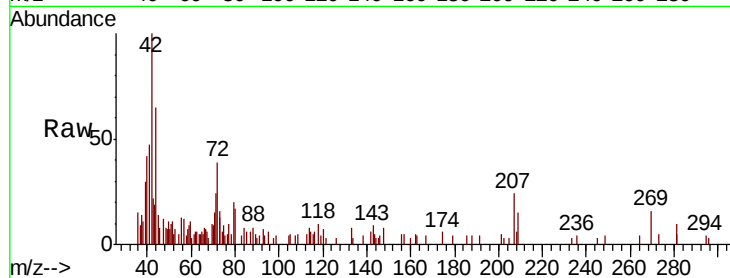




#29
Tetrahydrofuran
Concen: 1.900 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

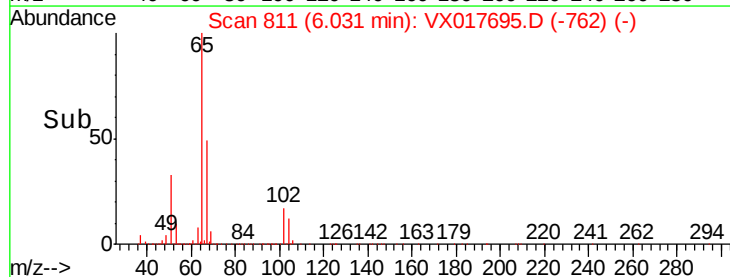
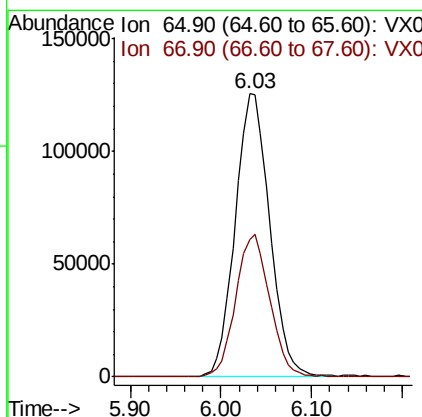
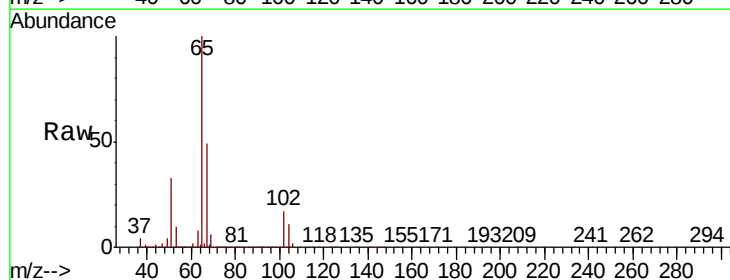
Instrument :
MSVOA_X
ClientSampleId :
2020-07-30-TB04

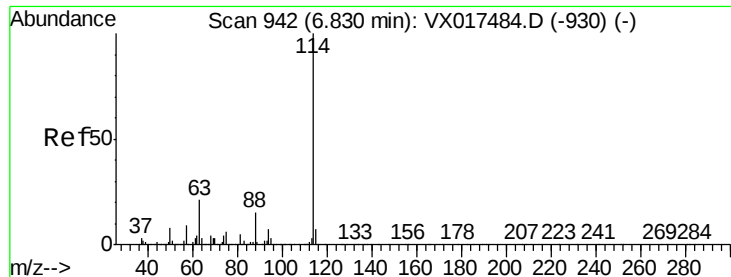
Tot Ion: 42 Resp: 4603
Ion Ratio Lower Upper
42 100
72 34.5 35.5 53.3#
71 64.2 33.0 49.4#



#33
1,2-Dichloroethane-d4
Concen: 52.901 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

Tgt Ion: 65 Resp: 330930
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

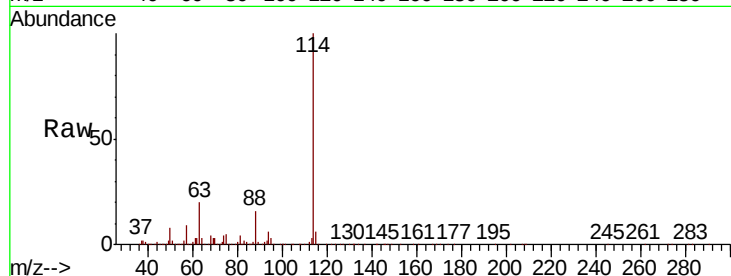
Tot Ion:114 Resp: 802187

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

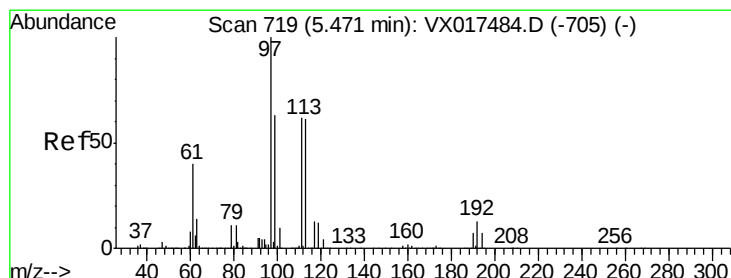
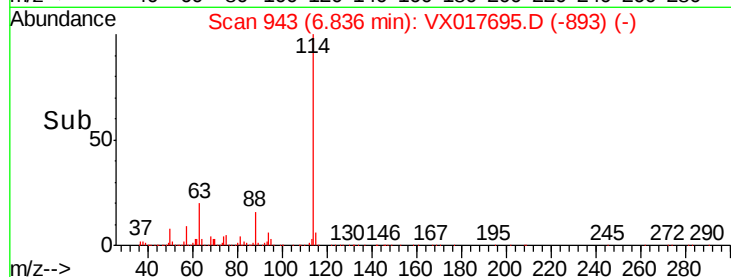
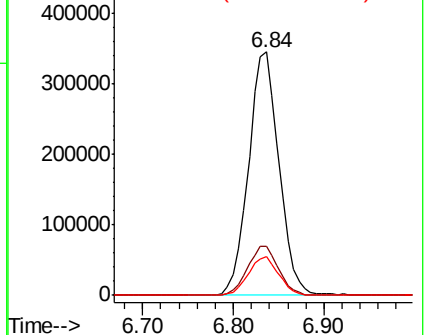
88 16.1 0.0 33.4



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: 51.417 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

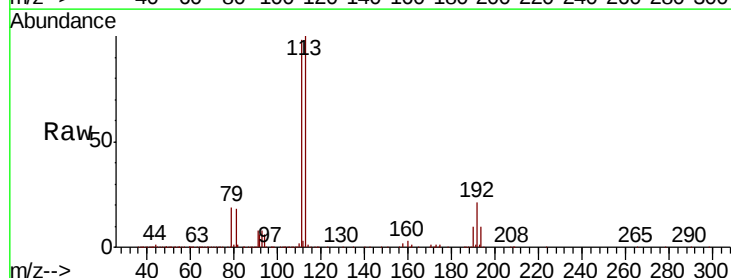
Tgt Ion:113 Resp: 275857

Ion Ratio Lower Upper

113 100

111 100.5 80.7 121.1

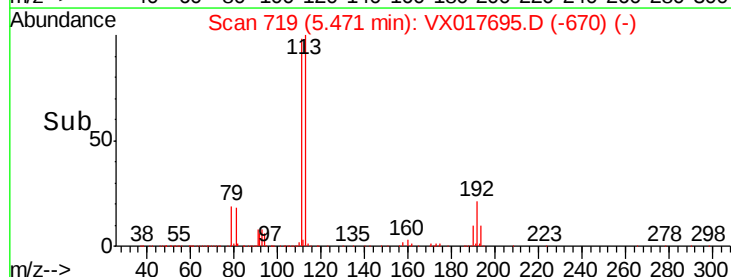
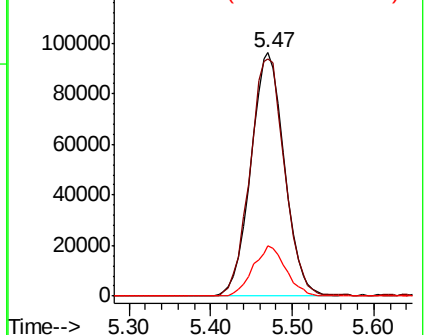
192 20.0 16.9 25.3

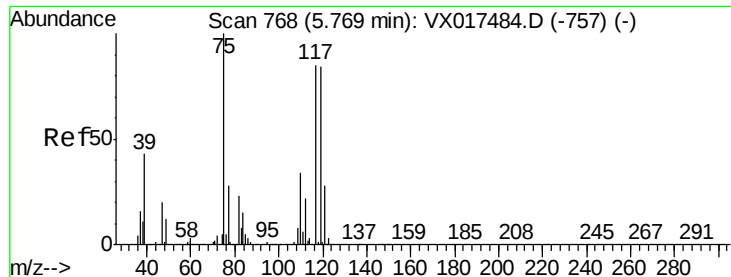


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

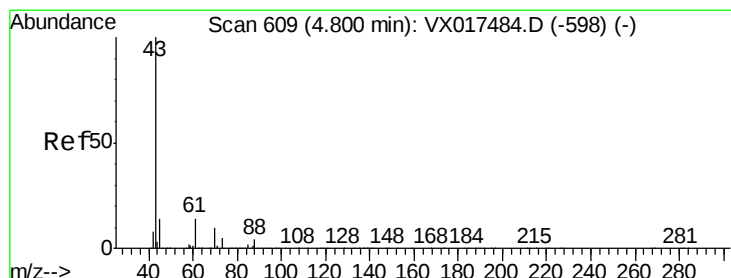
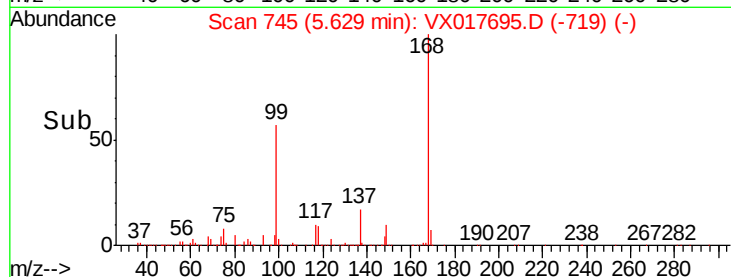
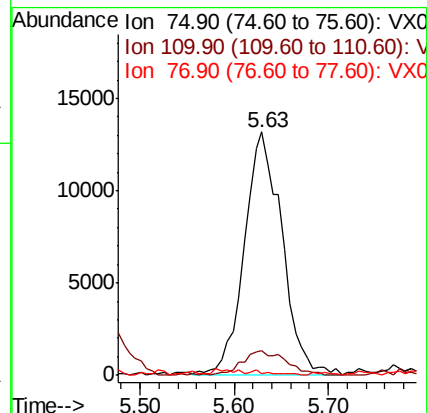
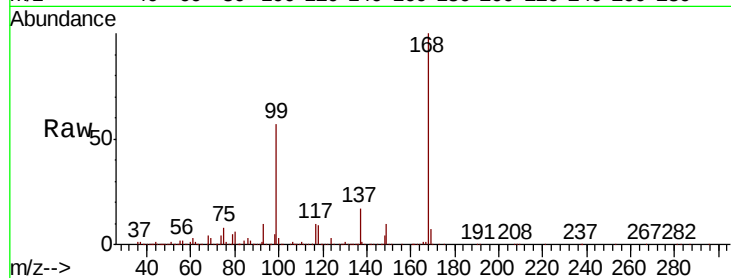
Tot Ion: 75 Resp: 36505

Ion Ratio Lower Upper

75 100

110 11.9 18.1 54.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.292 ug/l

RT: 4.81 min Scan# 610

Delta R.T. 0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

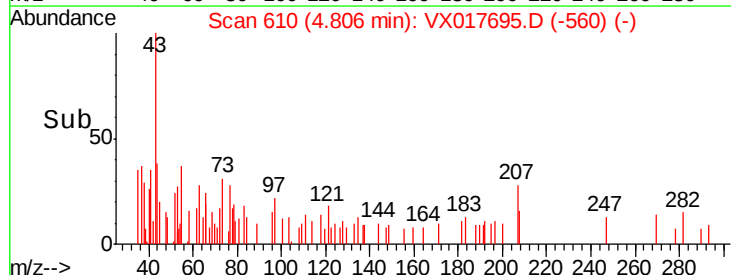
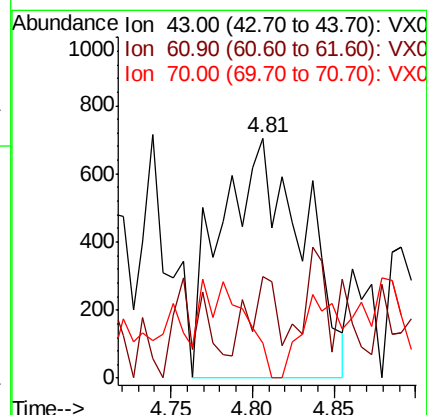
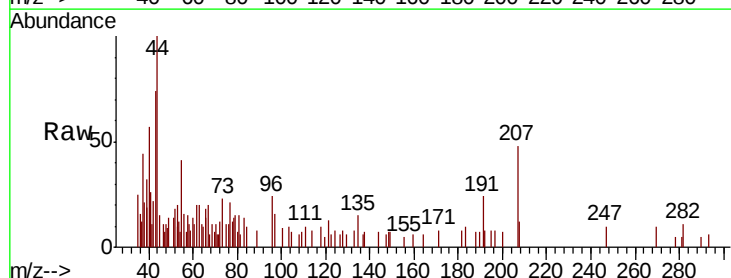
Tgt Ion: 43 Resp: 2461

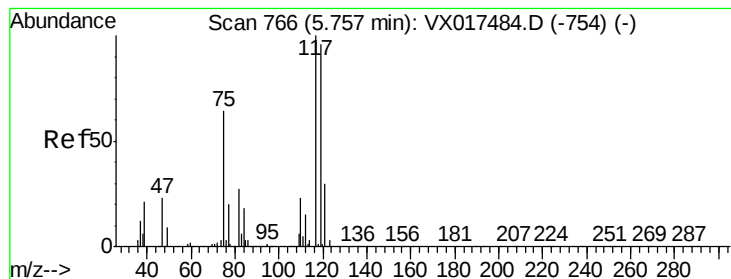
Ion Ratio Lower Upper

43 100

61 10.6 10.7 16.1#

70 0.0 8.5 12.7#





#38

Carbon Tetrachloride

Concen: 5.384 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

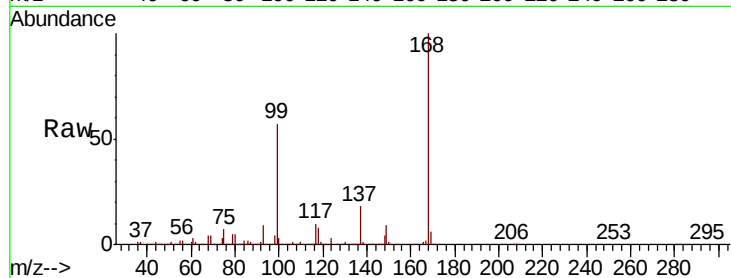
Tot Ion:117 Resp: 50300

Ion Ratio Lower Upper

117 100

119 4.3 75.4 113.0#

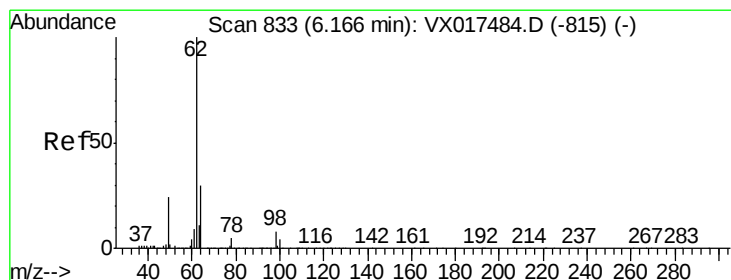
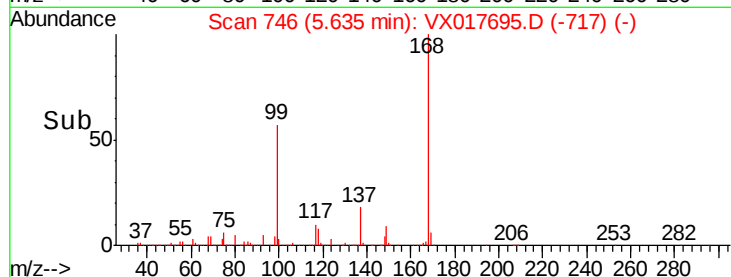
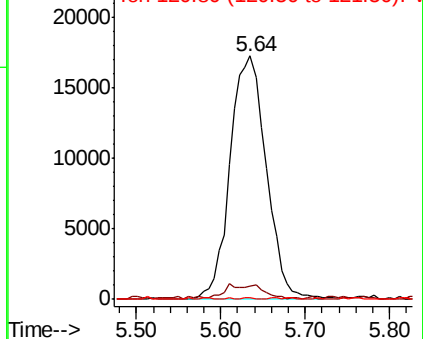
121 0.1 24.3 36.5#



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



#42

1,2-Dichloroethane

Concen: 0.221 ug/l

RT: 6.18 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX017695.D

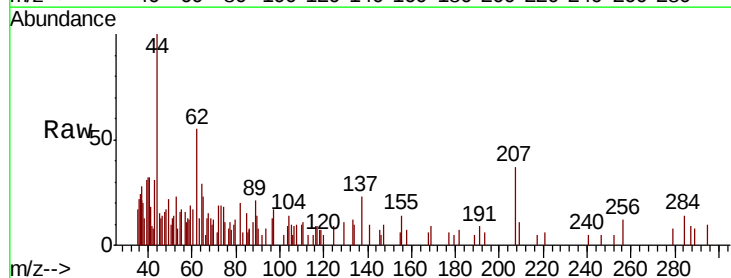
Acq: 31 Jul 2020 12:50

Tgt Ion: 62 Resp: 1997

Ion Ratio Lower Upper

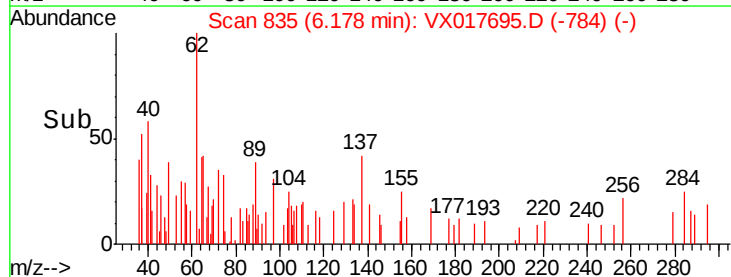
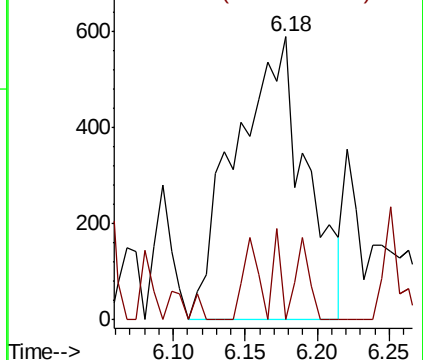
62 100

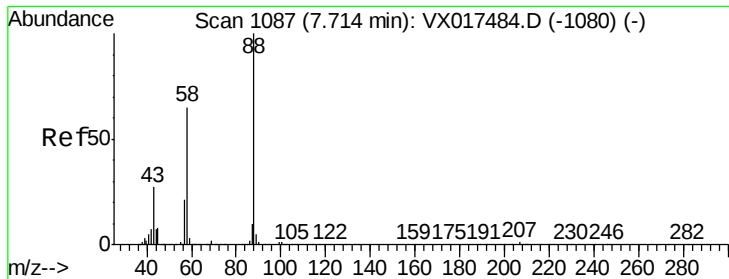
98 3.5 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 2.159 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

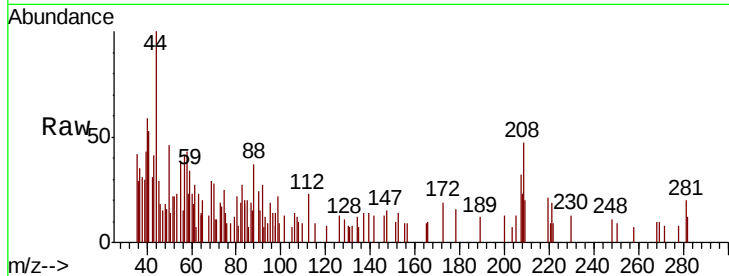
Tot Ion: 88 Resp: 285

Ion Ratio Lower Upper

88 100

43 65.6 27.8 41.6#

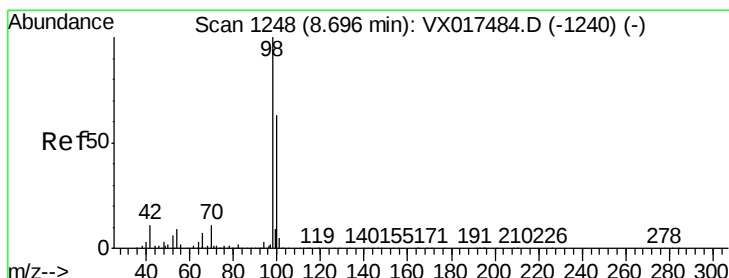
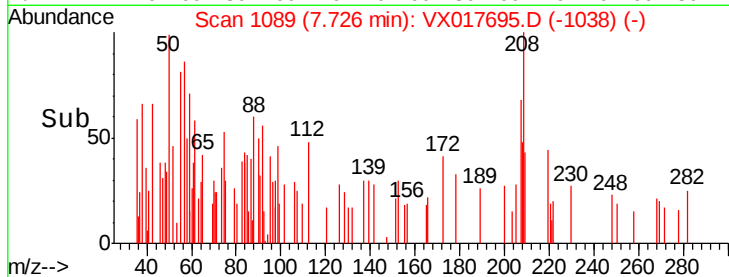
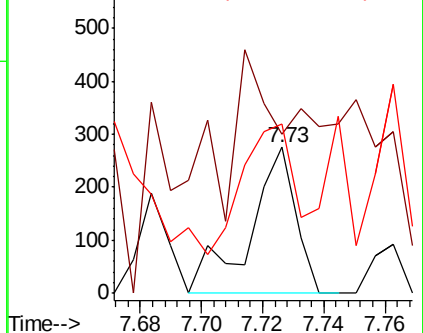
58 109.5 58.3 87.5#



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: 51.886 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017695.D

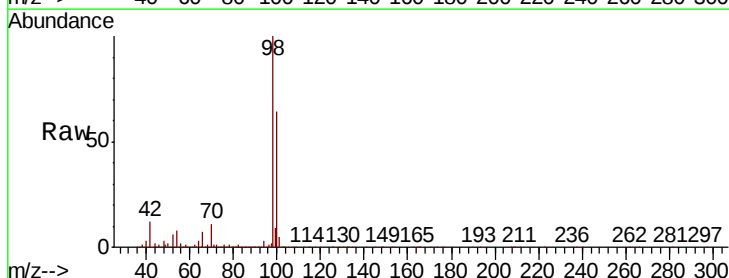
Acq: 31 Jul 2020 12:50

Tgt Ion: 98 Resp: 1004230

Ion Ratio Lower Upper

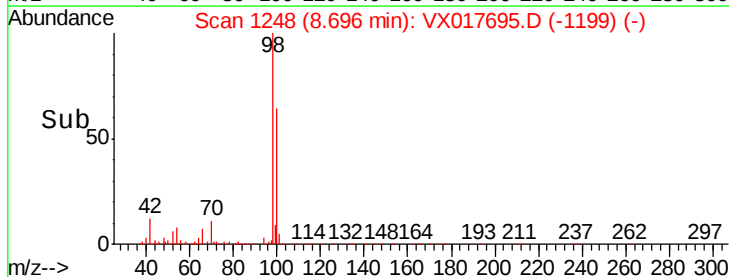
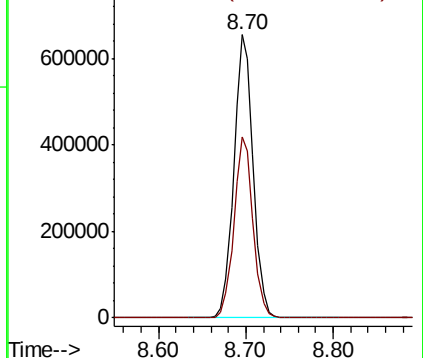
98 100

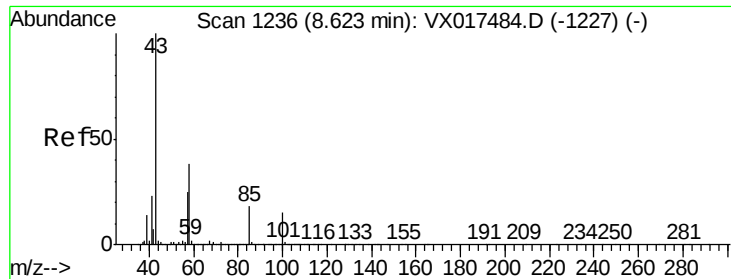
100 63.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

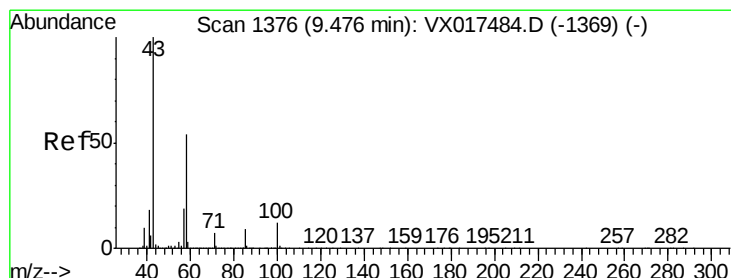
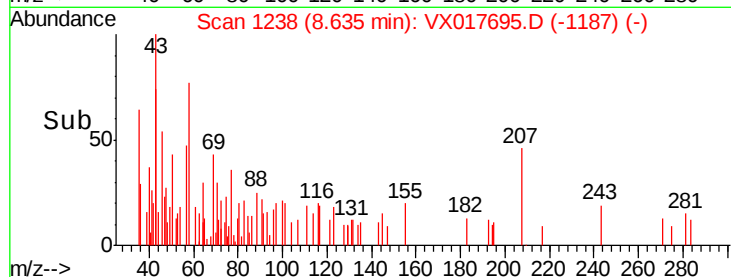
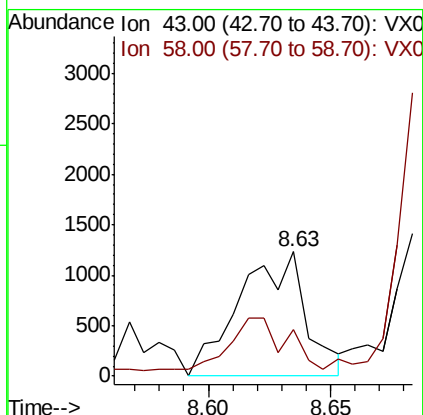
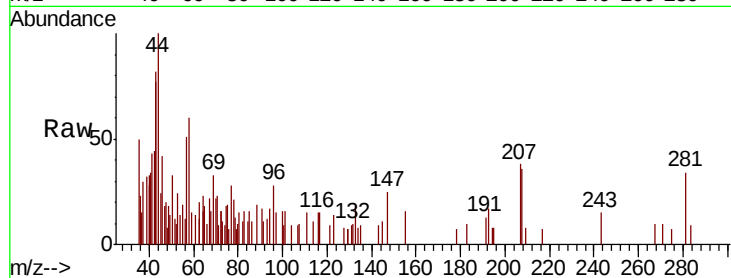




#51
4-Methyl-2-Pentanone
Concen: 0.281 ug/l
RT: 8.63 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

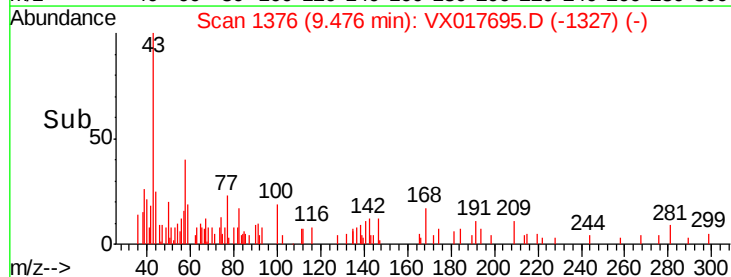
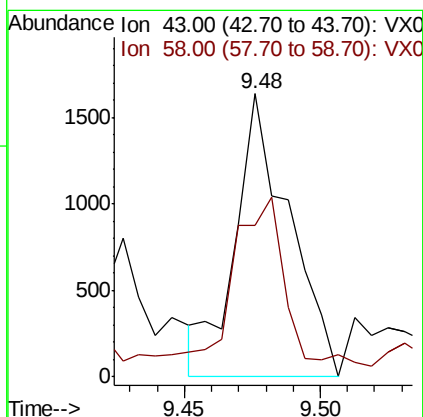
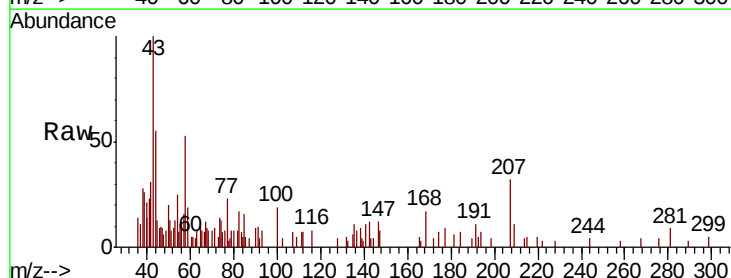
Instrument :
MSVOA_X
ClientSampleId :
2020-07-30-TB04

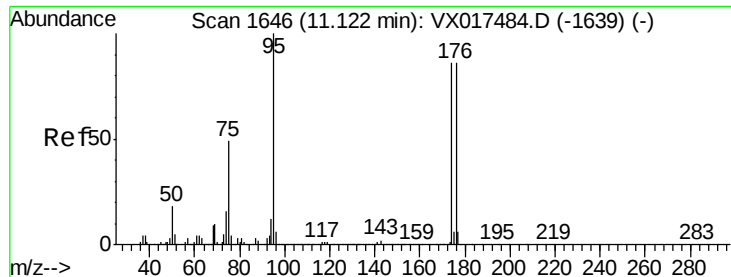
Tot Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 34.5 31.0 46.4



#59
2-Hexanone
Concen: 0.362 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017695.D
Acq: 31 Jul 2020 12:50

Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
58 56.3 26.6 79.8





#62

4-Bromofluorobenzene

Concen: 56.487 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

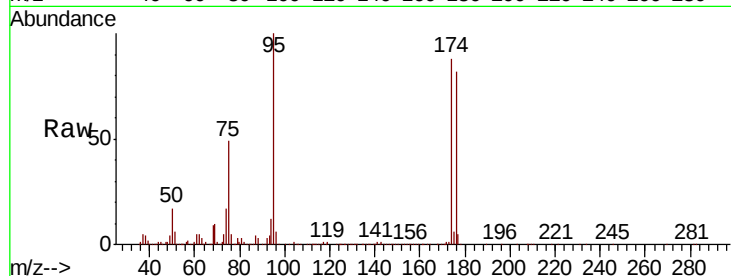
Tot Ion: 95 Resp: 437529

Ion Ratio Lower Upper

95 100

174 84.4 0.0 169.0

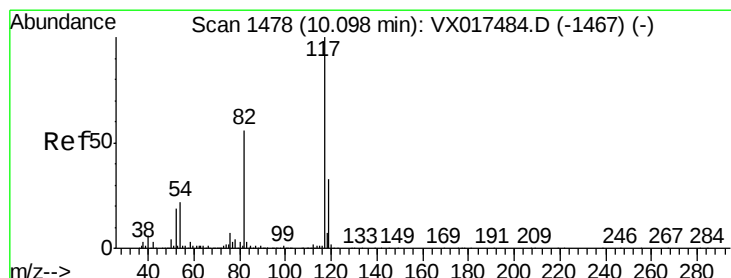
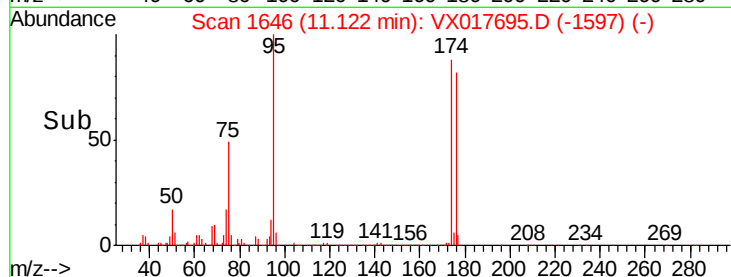
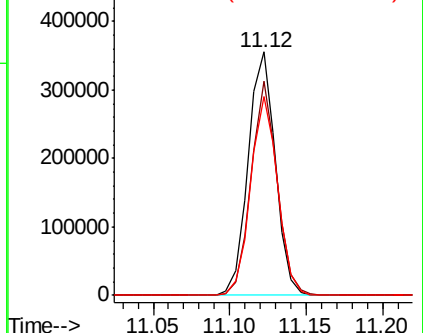
176 81.5 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

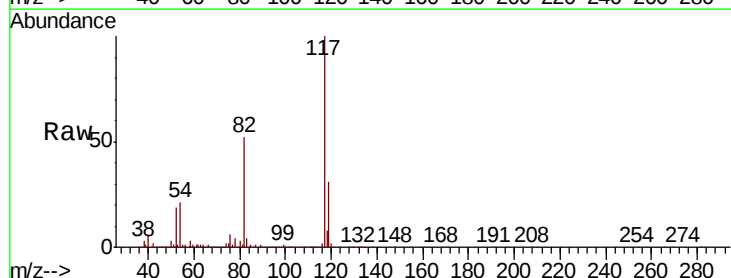
Tgt Ion: 117 Resp: 860068

Ion Ratio Lower Upper

117 100

82 52.3 44.0 66.0

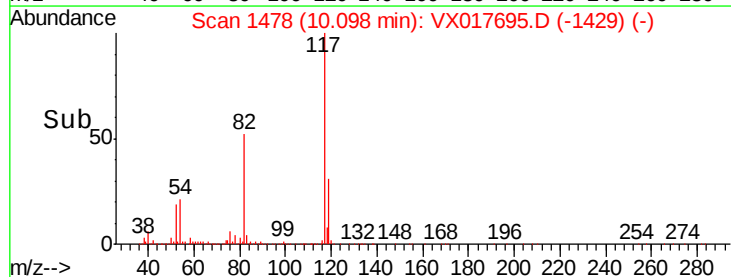
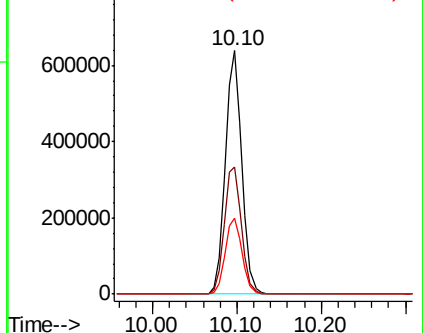
119 31.2 25.4 38.0

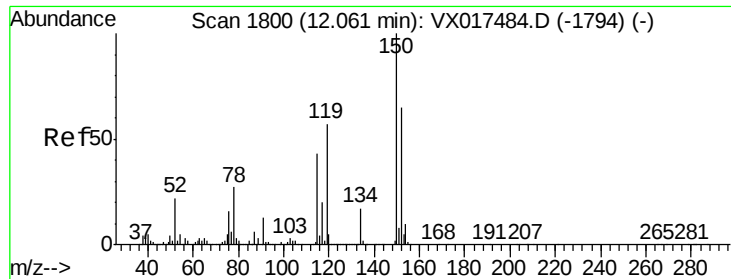


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

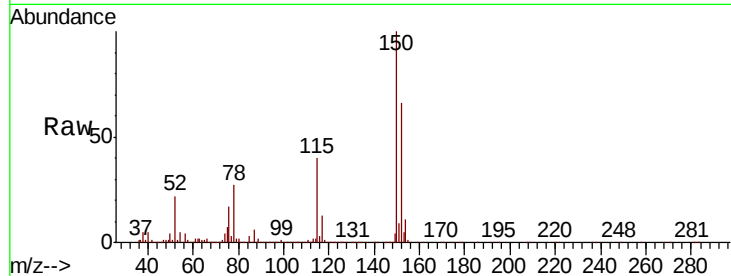
Tot Ion:152 Resp: 465002

Ion Ratio Lower Upper

152 100

115 57.7 65.5 196.6#

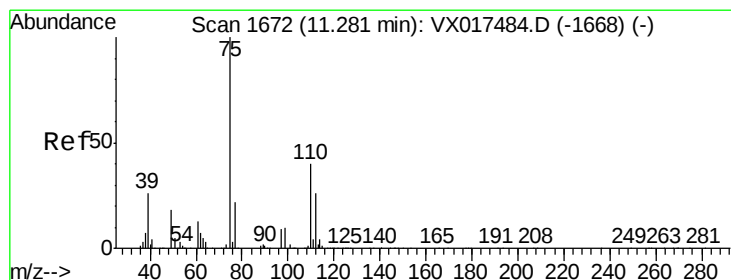
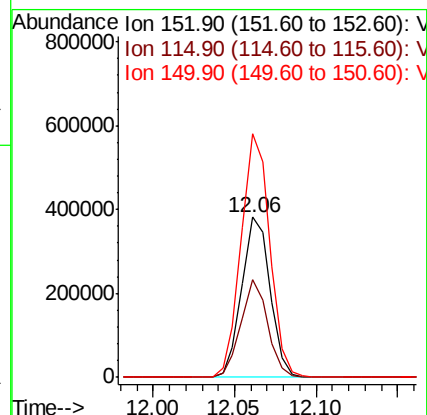
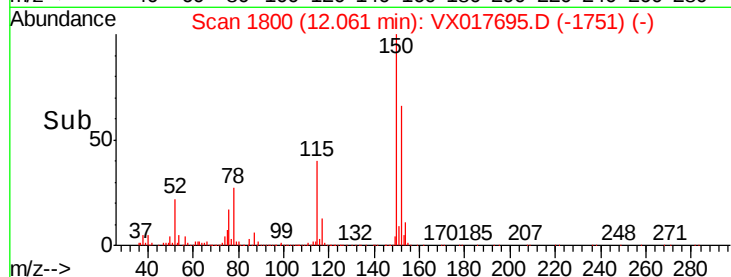
150 153.1 0.0 412.6



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: 23.320 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017695.D

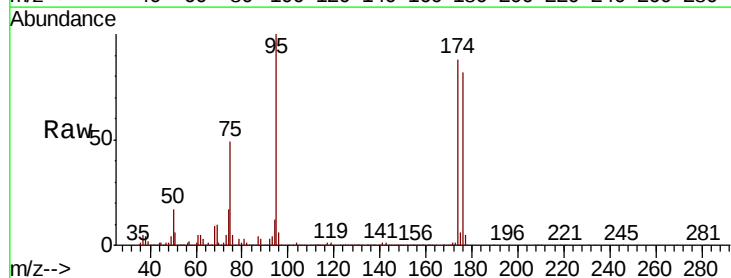
Acq: 31 Jul 2020 12:50

Tgt Ion: 75 Resp: 223058

Ion Ratio Lower Upper

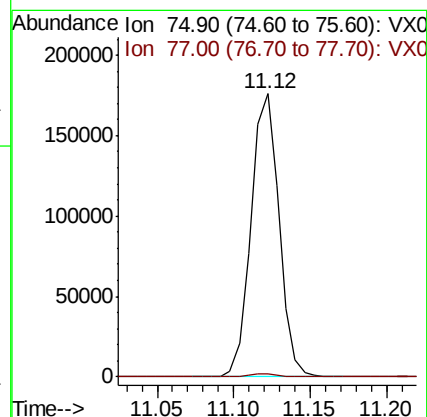
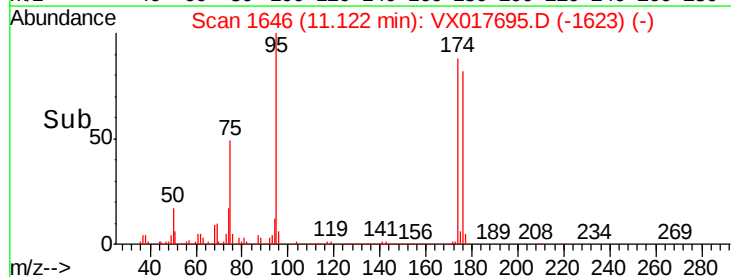
75 100

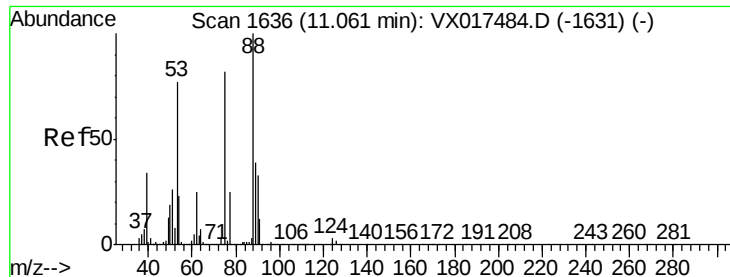
77 1.1 21.8 65.3#



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: 58.760 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

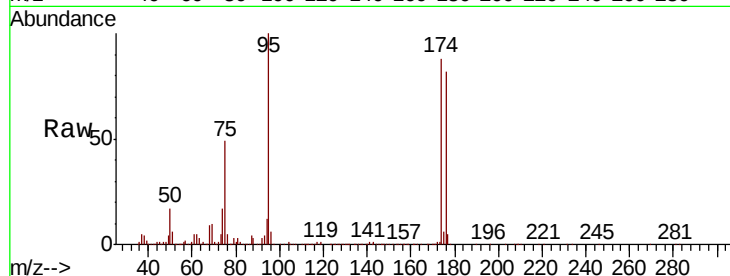
Tot Ion: 75 Resp: 223058

Ion Ratio Lower Upper

75 100

53 0.5 75.9 113.9#

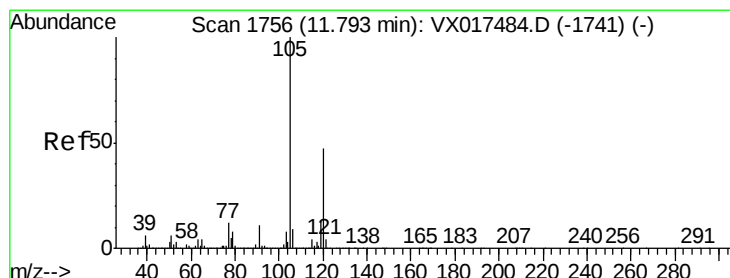
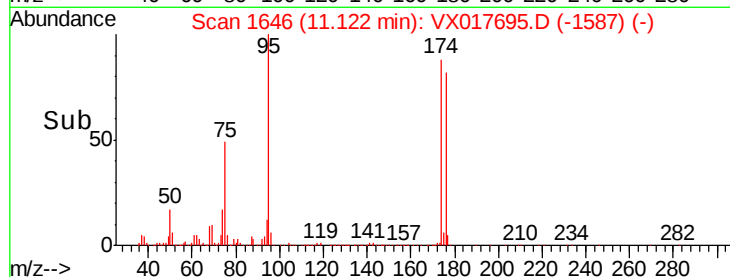
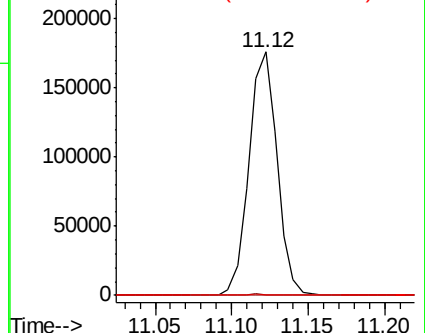
89 0.0 37.8 56.6#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.366 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017695.D

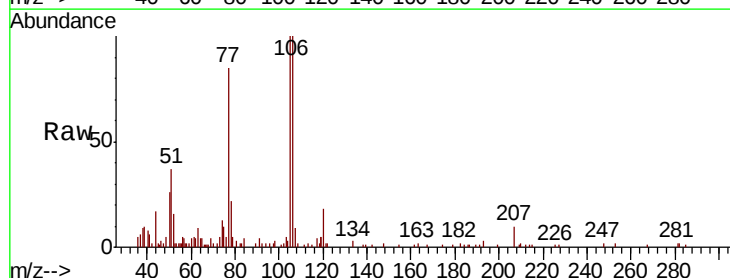
Acq: 31 Jul 2020 12:50

Tgt Ion:105 Resp: 9912

Ion Ratio Lower Upper

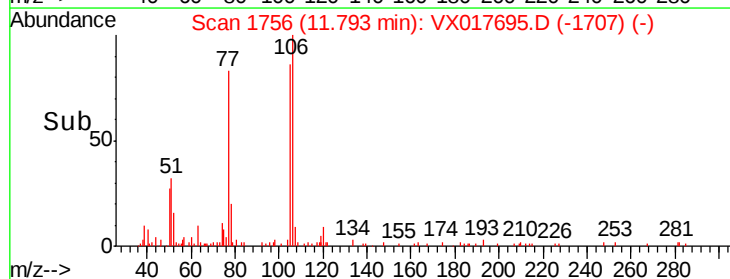
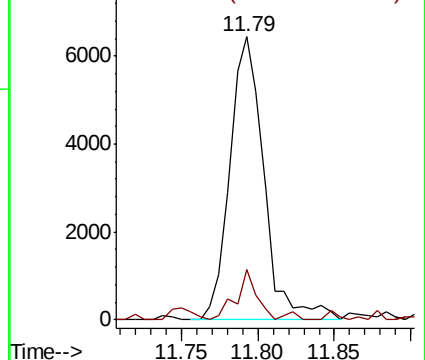
105 100

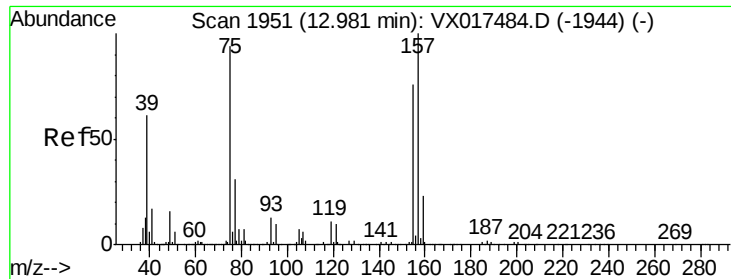
120 10.7 22.7 68.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.800 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

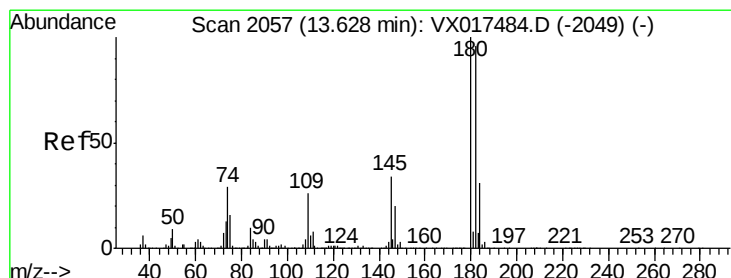
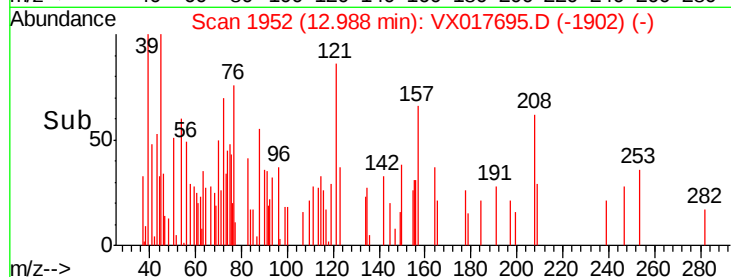
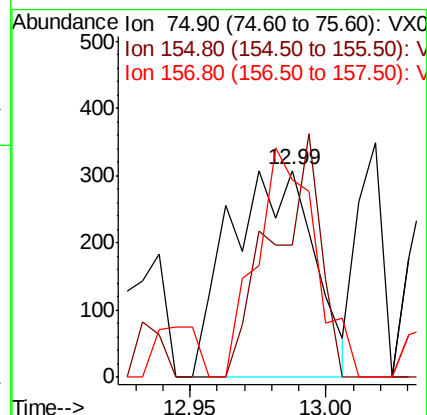
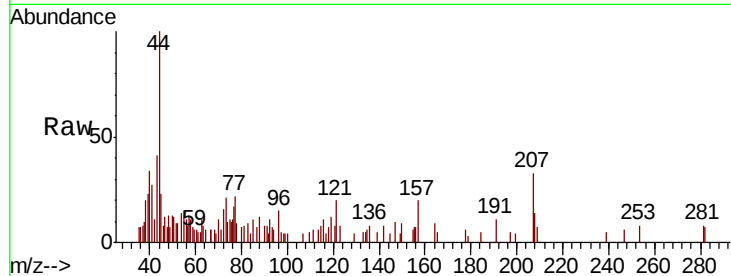
Tot Ion: 75 Resp: 662

Ion Ratio Lower Upper

75 100

155 66.0 42.3 126.8

157 77.0 54.3 162.9



#93

1,2,4-Trichlorobenzene

Concen: 0.336 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

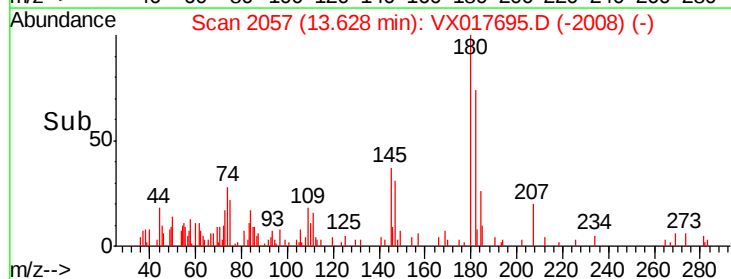
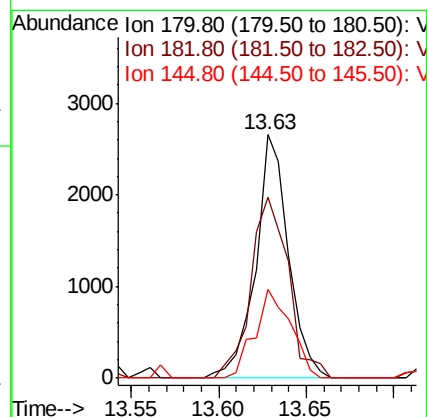
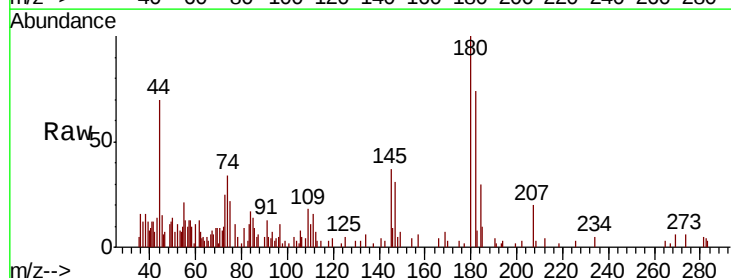
Tgt Ion:180 Resp: 3459

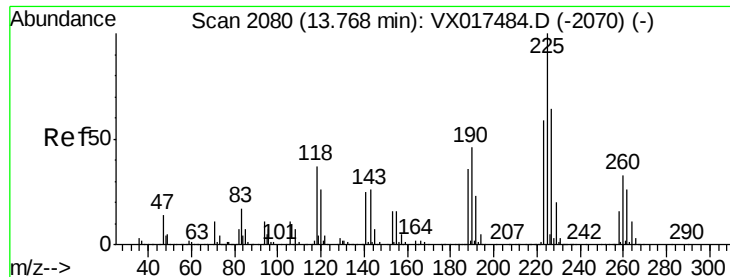
Ion Ratio Lower Upper

180 100

182 85.3 47.5 142.6

145 40.2 15.4 46.4





#94

Hexachlorobutadiene

Concen: 0.421 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

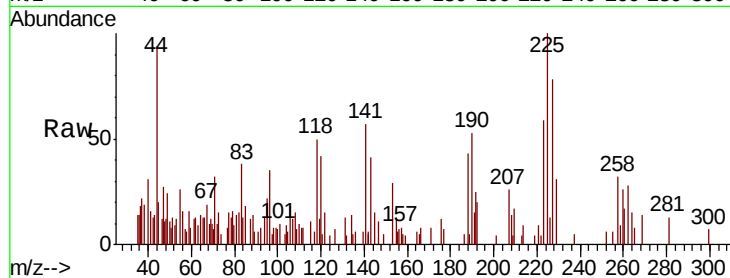
Tot Ion:225 Resp: 1992

Ion Ratio Lower Upper

225 100

223 65.7 30.3 90.9

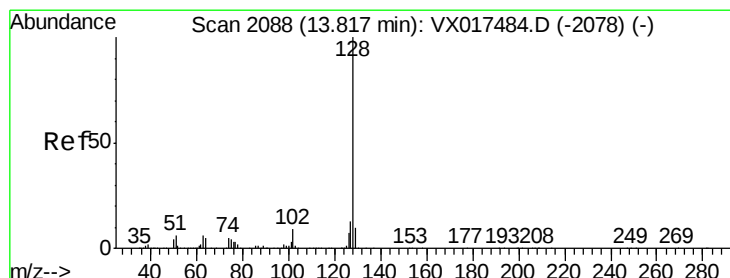
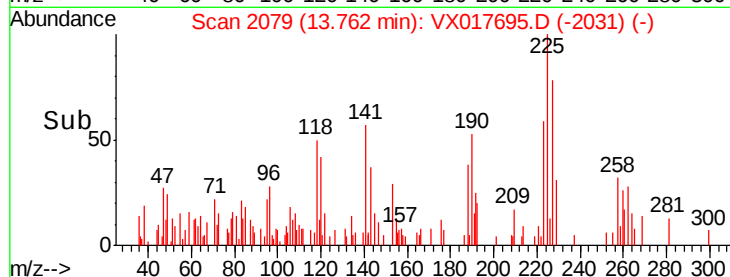
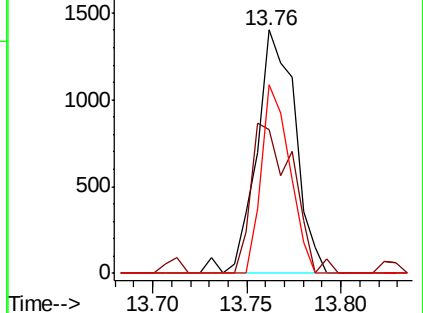
227 57.0 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.280 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

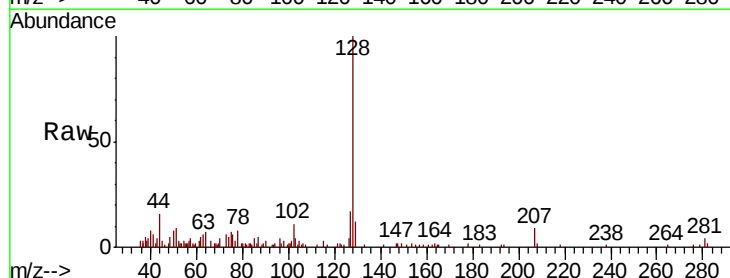
Tgt Ion:128 Resp: 8590

Ion Ratio Lower Upper

128 100

127 18.7 10.4 15.6#

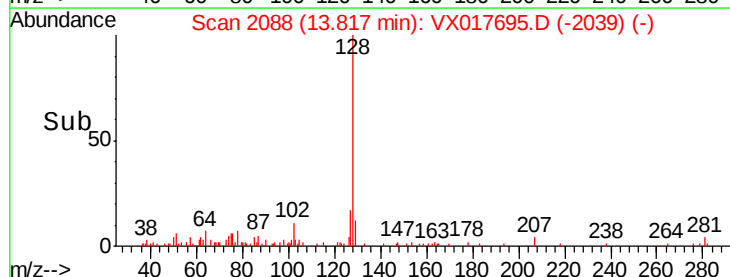
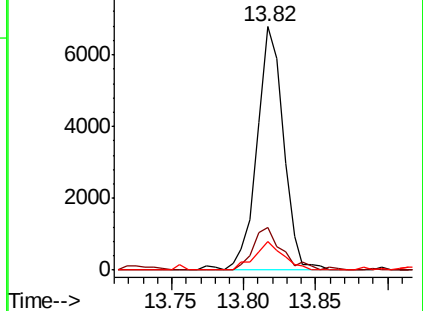
129 12.8 8.9 13.3

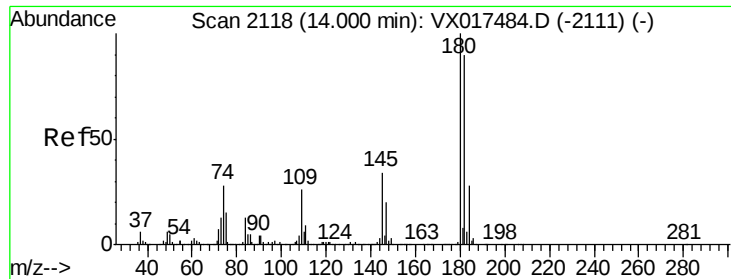


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.301 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017695.D

Acq: 31 Jul 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

2020-07-30-TB04

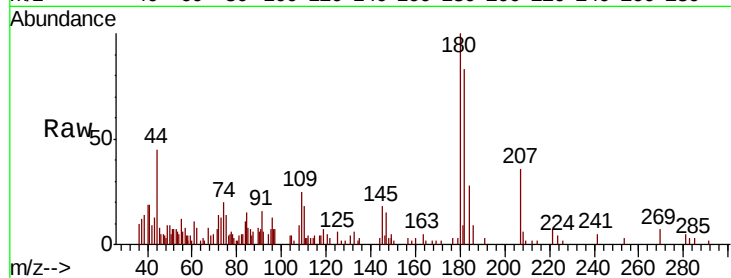
Tot Ion:180 Resp: 3059

Ion Ratio Lower Upper

180 100

182 86.6 47.4 142.3

145 20.9 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

