

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017751.D
 Acq On : 03 Aug 2020 17:40
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 04 07:02:39 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	5.63	168	595981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	858917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	787876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	393564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	364523	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	5.47	113	289258	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.70	98	1036839	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.12	95	373335	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1298	Below Cal	82
3) Chloromethane	1.31	50	1179	0.526 ug/l #	59
5) Bromomethane	1.60	94	292	Below Cal #	74
6) Chloroethane	1.71	64	806	Below Cal #	44
8) Diethyl Ether	2.03	74	414	Below Cal	57
10) Methyl Iodide	2.50	142	1930	0.233 ug/l #	69
12) 1,1-Dichloroethene	2.36	96	1334	0.217 ug/l #	74
13) Acrolein	2.28	56	2163	5.875 ug/l #	57
15) Acrylonitrile	3.13	53	2338	0.671 ug/l	95
16) Acetone	2.42	43	3695	1.097 ug/l	94
17) Carbon Disulfide	2.56	76	7254	0.388 ug/l #	87
20) Methylene Chloride	2.84	84	3251	Below Cal #	54
21) trans-1,2-Dichloroethene	3.14	96	2082	0.316 ug/l #	57
25) 2-Butanone	4.65	43	2182	0.456 ug/l #	79
27) cis-1,2-Dichloroethene	4.57	96	2032	0.284 ug/l	57
36) 1,1-Dichloropropene	5.63	75	42645	5.177 ug/l #	52
38) Carbon Tetrachloride	5.63	117	59527	5.951 ug/l #	16
42) 1,2-Dichloroethane	6.15	62	2188	0.226 ug/l	99
44) Trichloroethene	7.18	130	3770	0.546 ug/l	47
49) 1,4-Dioxane	7.73	88	501	3.545 ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.30	63	1975	0.394 ug/l #	88
59) 2-Hexanone	9.48	43	2336	0.350 ug/l	68
64) Tetrachloroethene	9.32	164	1677	0.237 ug/l #	75
76) 1,2,3-Trichloropropane	11.12	75	190951	23.586 ug/l #	34
79) 2-Chlorotoluene	11.49	91	4243	0.225 ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	190951	59.433 ug/l #	12
87) 1,3-Dichlorobenzene	12.01	146	3200	0.247 ug/l	71
88) 1,4-Dichlorobenzene	12.01	146	3200	0.238 ug/l	71
89) n-Butylbenzene	12.37	91	5845	0.268 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	425	2.746 ug/l	83
93) 1,2,4-Trichlorobenzene	13.63	180	3837	0.441 ug/l	90
94) Hexachlorobutadiene	13.76	225	2993	0.747 ug/l	99
95) Naphthalene	13.82	128	8401	0.323 ug/l #	87
96) 1,2,3-Trichlorobenzene	14.01	180	3921	0.456 ug/l	93

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Response via : Initial Calibration

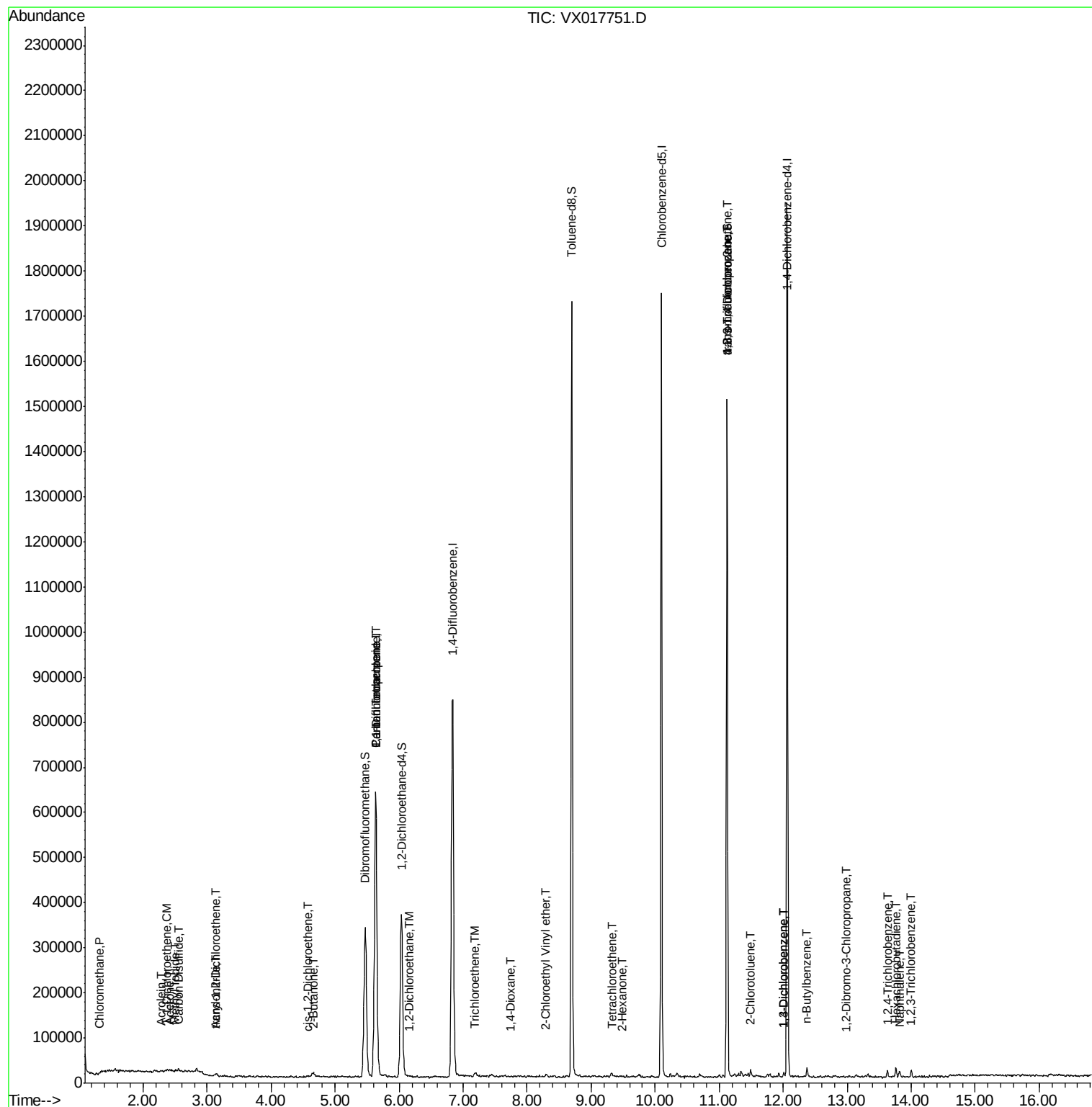
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

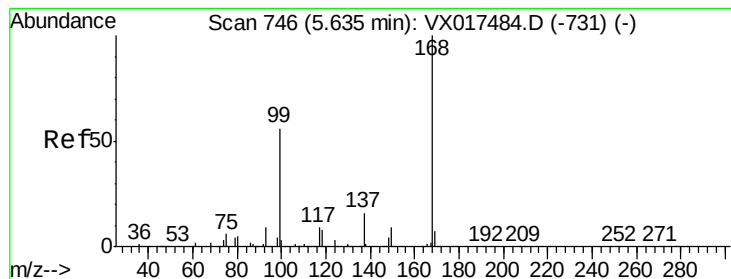
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
IBLK

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

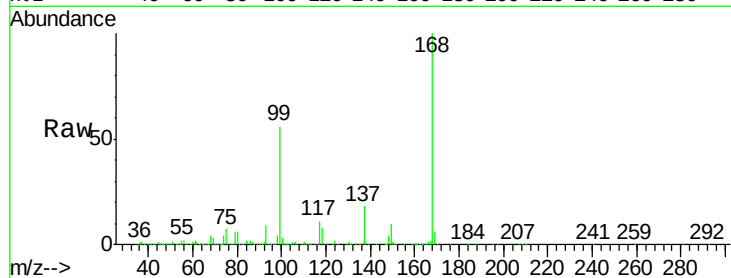
IBLK

Tot Ion:168 Resp: 595981

Ion Ratio Lower Upper

168 100

99 55.7 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

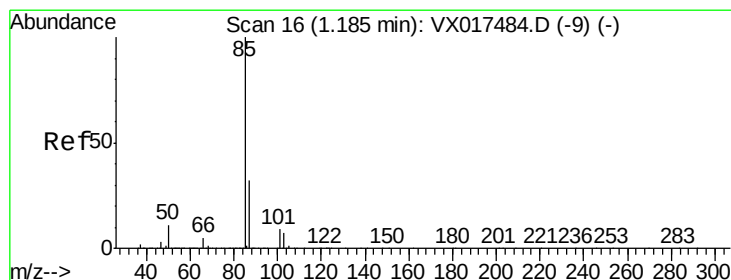
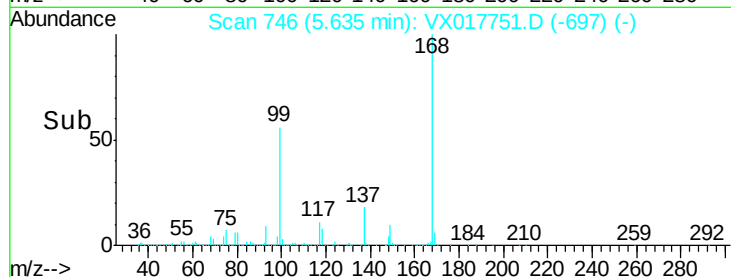
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017751.D

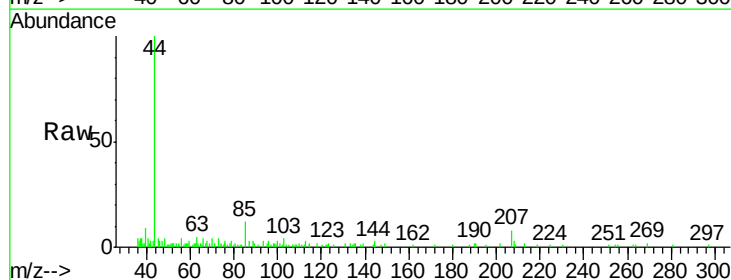
Acq: 03 Aug 2020 17:40

Tgt Ion: 85 Resp: 1298

Ion Ratio Lower Upper

85 100

87 22.1 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

1000

800

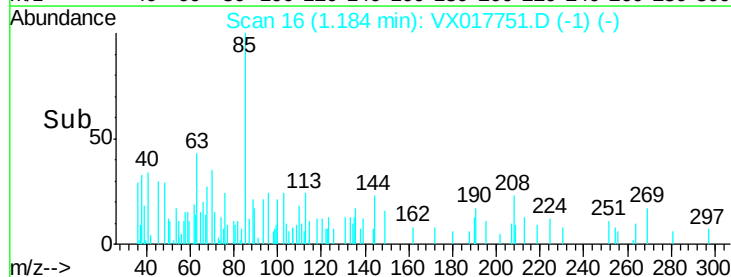
600

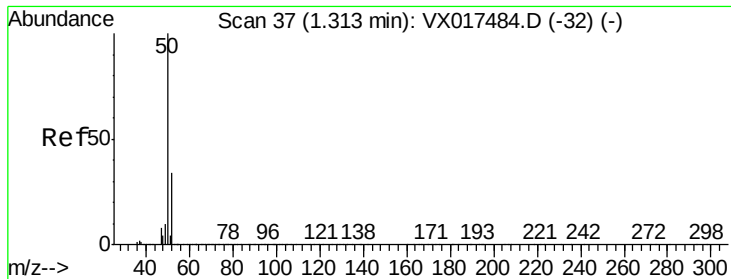
400

200

0

Time-->





#3

Chloromethane

Concen: 0.526 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

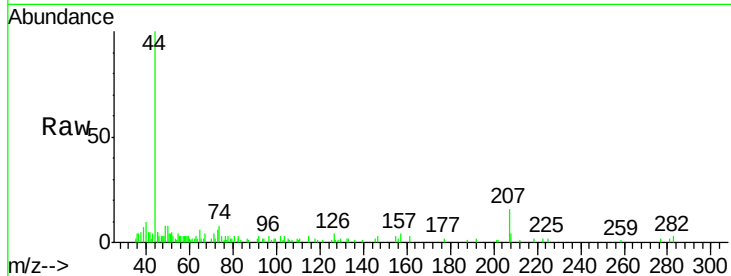
IBLK

Tot Ion: 50 Resp: 1179

Ion Ratio Lower Upper

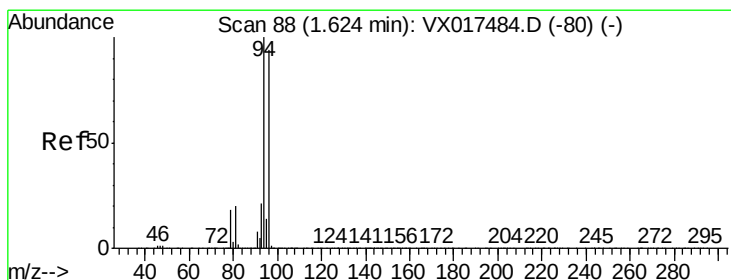
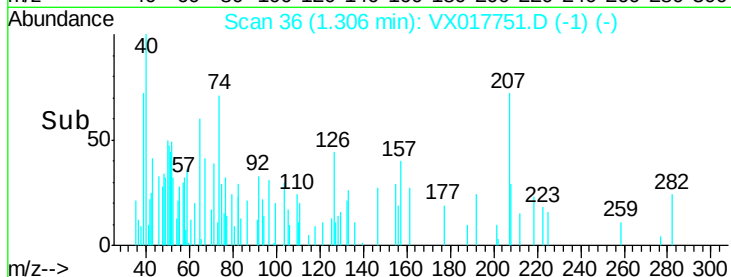
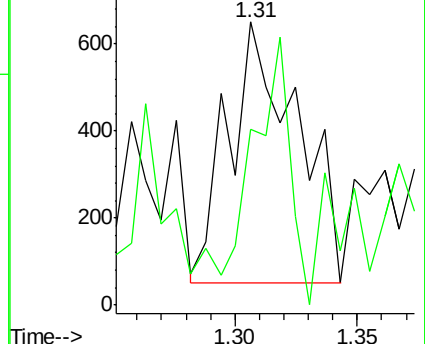
50 100

52 55.6 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: 1.60 min Scan# 84

Delta R.T. -0.02 min

Lab File: VX017751.D

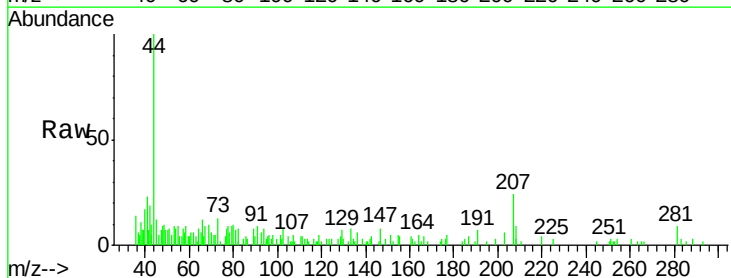
Acq: 03 Aug 2020 17:40

Tgt Ion: 94 Resp: 292

Ion Ratio Lower Upper

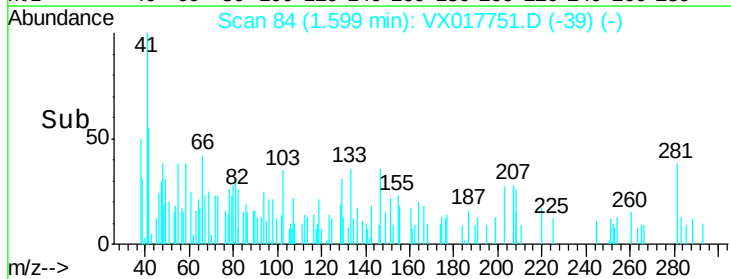
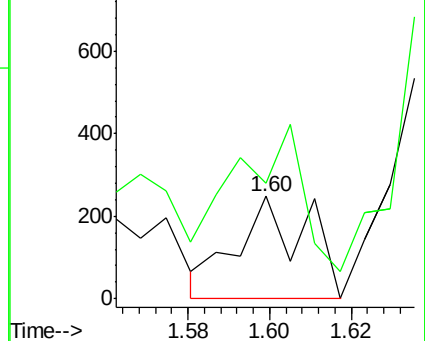
94 100

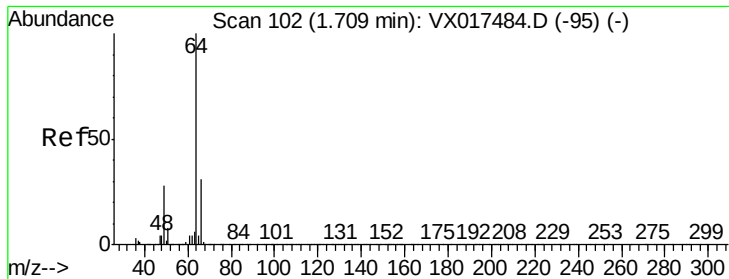
96 117.0 74.1 111.1#



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# 103

Delta R.T. 0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

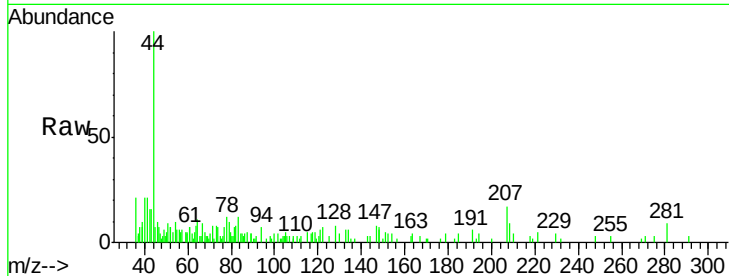
IBLK

Tot Ion: 64 Resp: 806

Ion Ratio Lower Upper

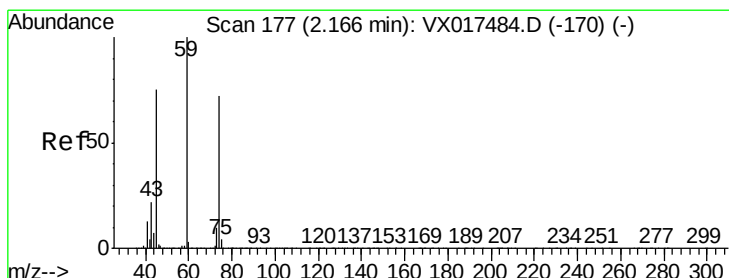
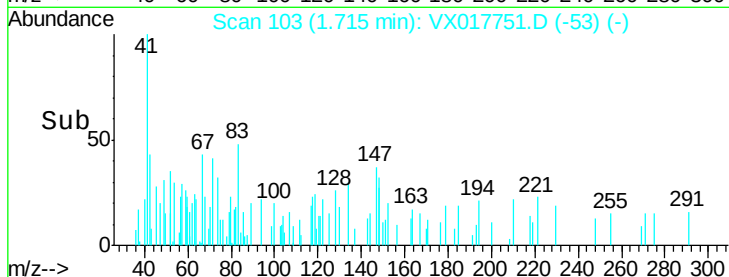
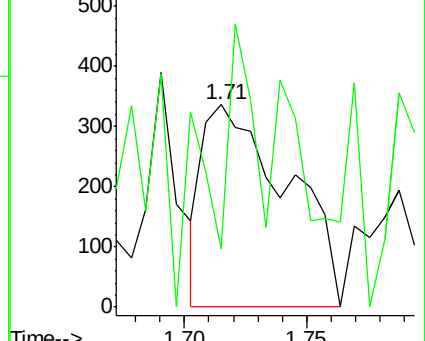
64 100

66 0.0 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: 2.03 min Scan# 155

Delta R.T. -0.13 min

Lab File: VX017751.D

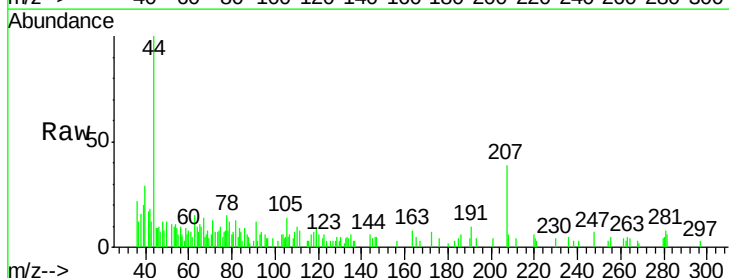
Acq: 03 Aug 2020 17:40

Tgt Ion: 74 Resp: 414

Ion Ratio Lower Upper

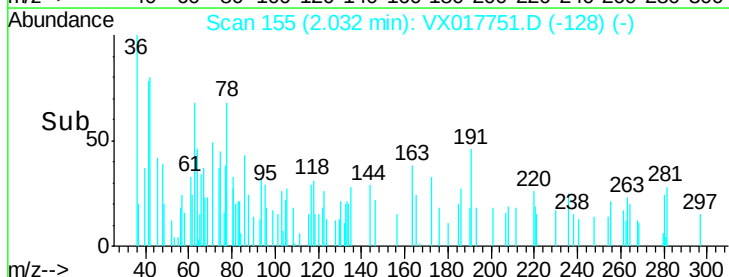
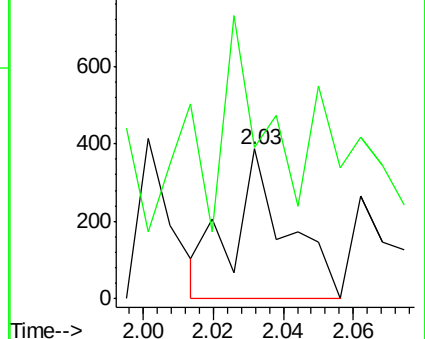
74 100

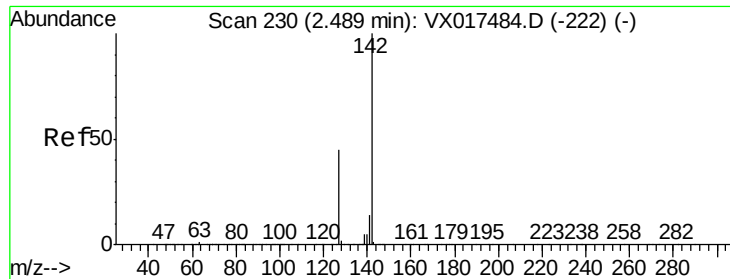
45 145.2 50.8 152.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

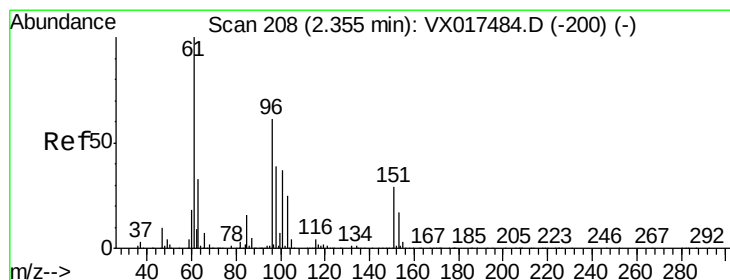
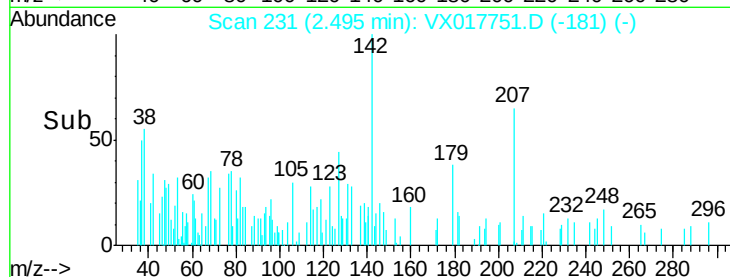
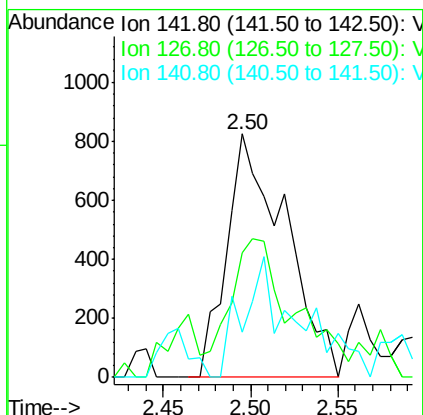
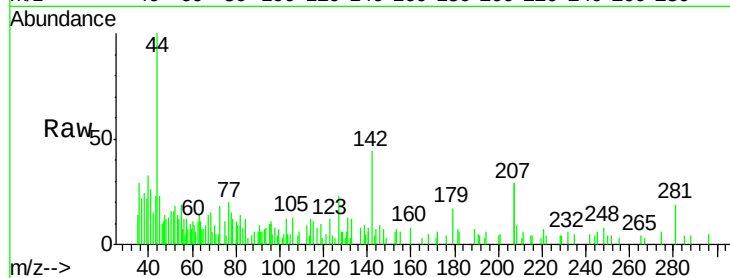




#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

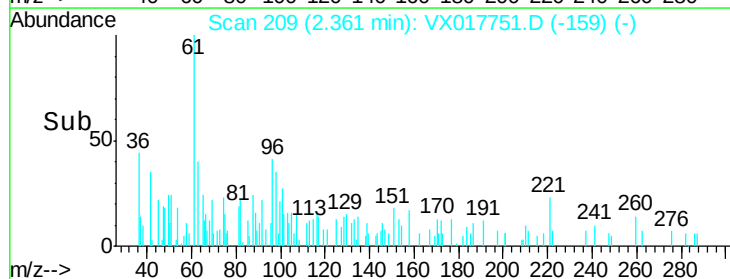
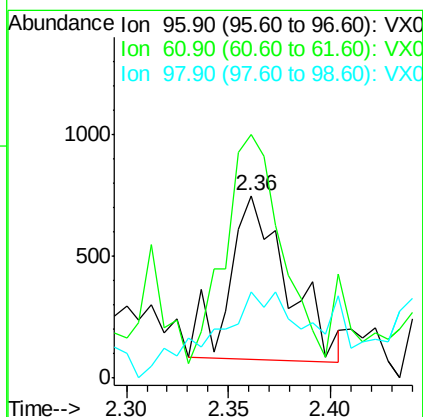
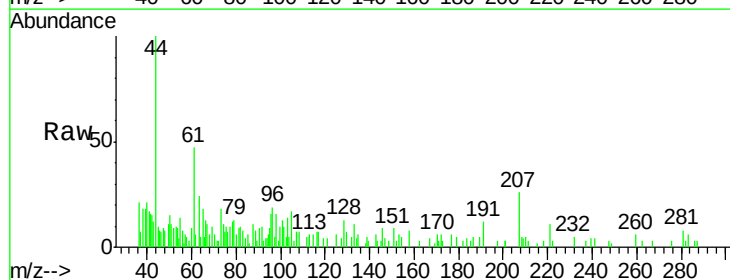
Instrument :
MSVOA_X
ClientSampled :
IBLK

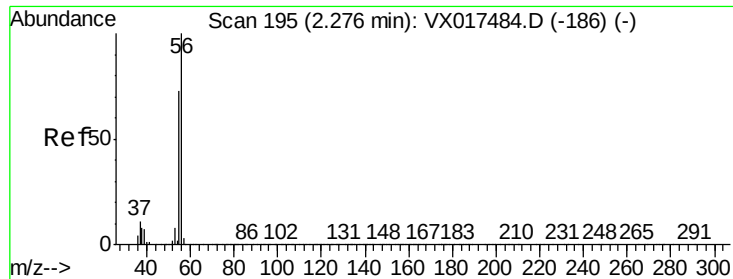
Tot Ion	Ratio	Lower	Upper
142	100		
127	54.9	35.9	53.9#
141	46.7	11.4	17.0#



#12
1,1-Dichloroethene
Concen: 0.217 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.8	134.0	201.0
98	28.5	51.0	76.4#





#13

Acrolein

Concen: 5.875 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

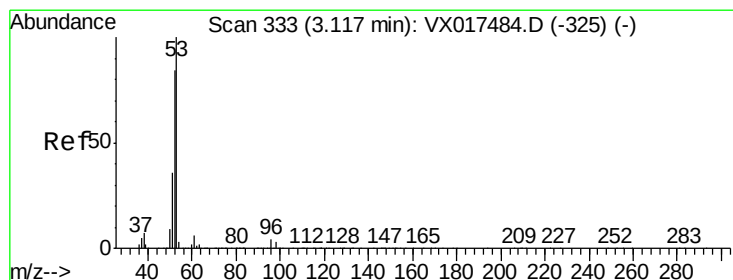
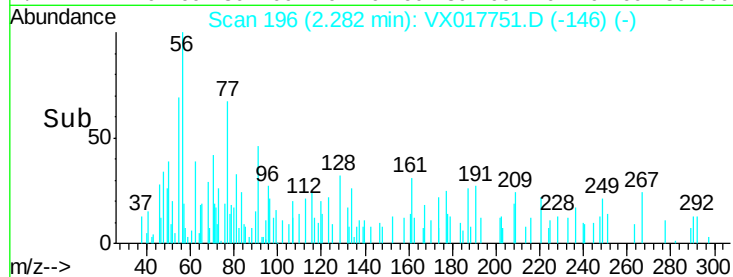
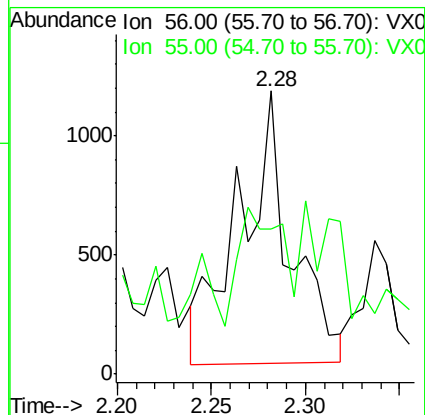
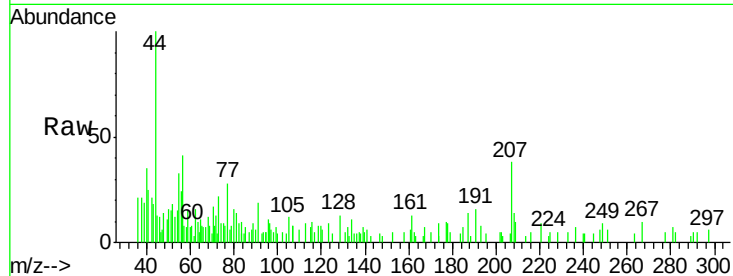
IBLK

Tot Ion: 56 Resp: 2163

Ion Ratio Lower Upper

56 100

55 36.2 57.4 86.2#



#15

Acrylonitrile

Concen: 0.671 ug/l

RT: 3.13 min Scan# 335

Delta R.T. 0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

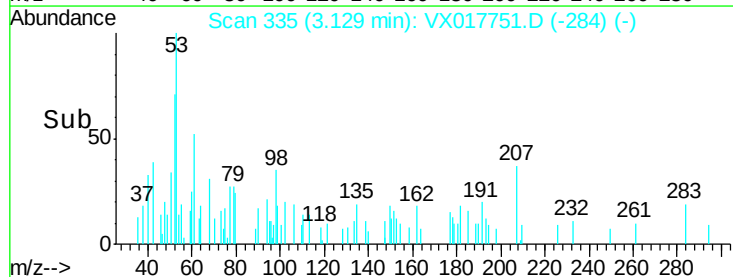
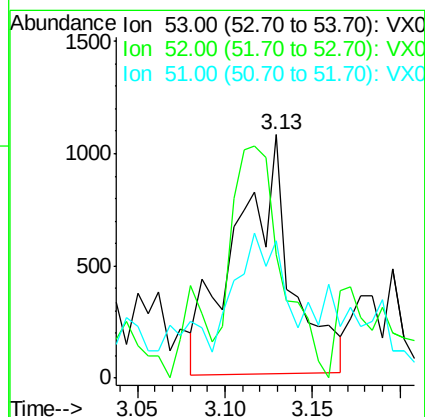
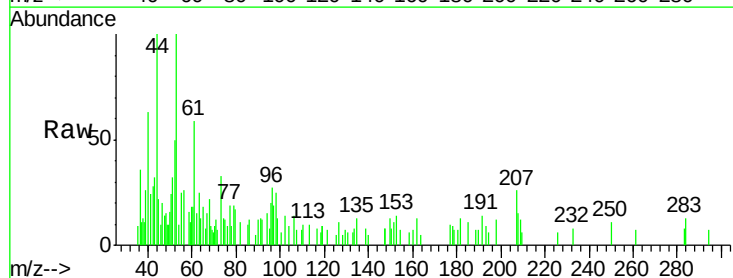
Tgt Ion: 53 Resp: 2338

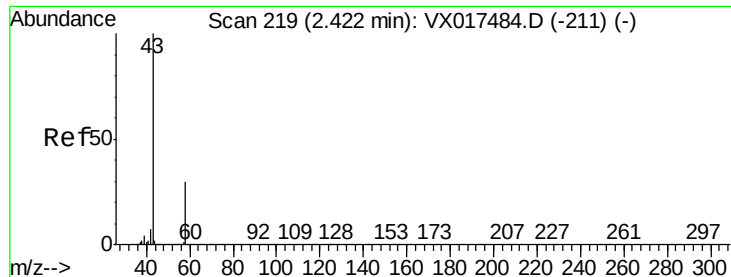
Ion Ratio Lower Upper

53 100

52 88.0 66.6 99.8

51 40.1 29.4 44.2





#16

Acetone

Concen: 1.097 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

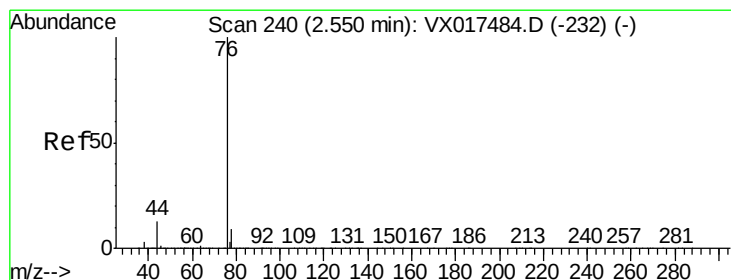
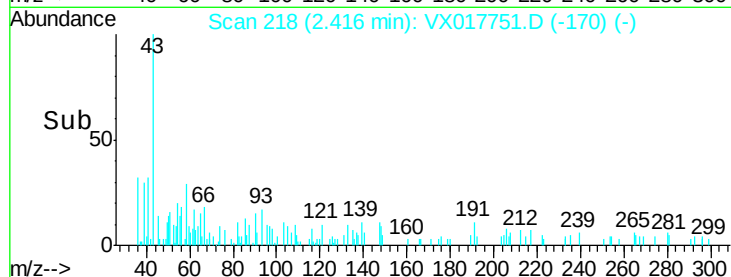
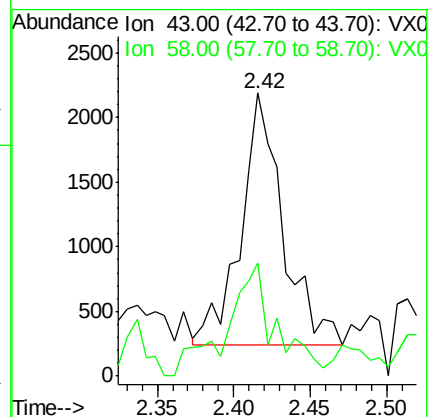
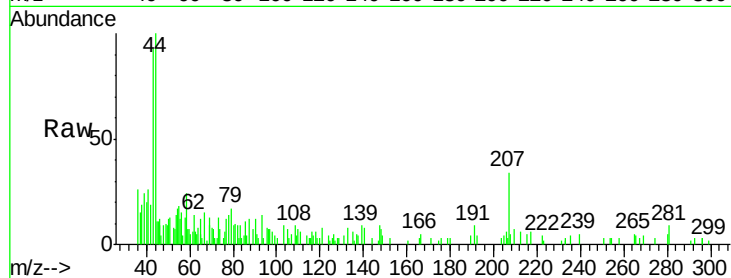
IBLK

Tot Ion: 43 Resp: 3695

Ion Ratio Lower Upper

43 100

58 33.5 24.2 36.4



#17

Carbon Disulfide

Concen: 0.388 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017751.D

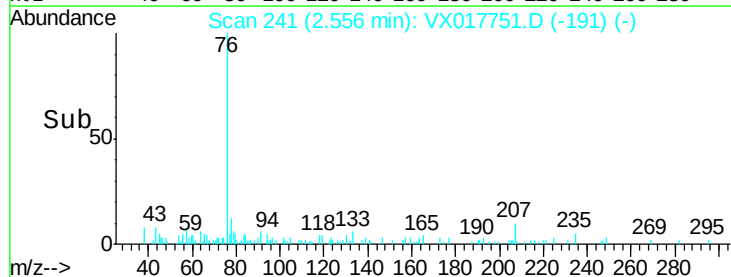
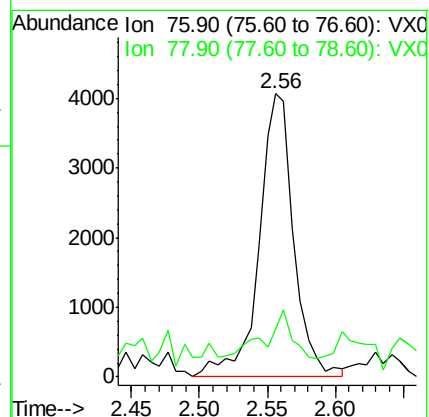
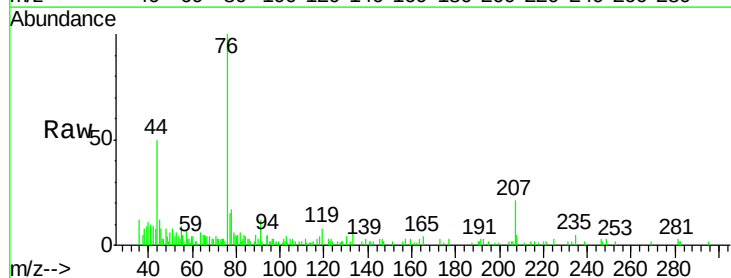
Acq: 03 Aug 2020 17:40

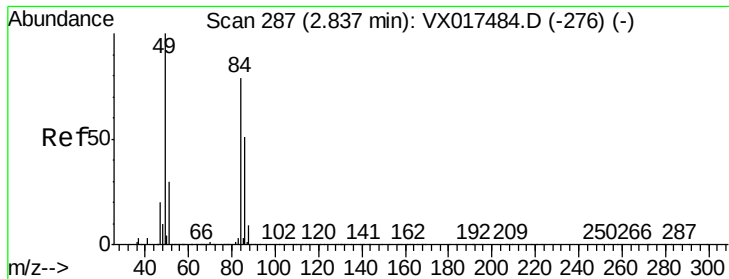
Tgt Ion: 76 Resp: 7254

Ion Ratio Lower Upper

76 100

78 4.5 7.5 11.3#

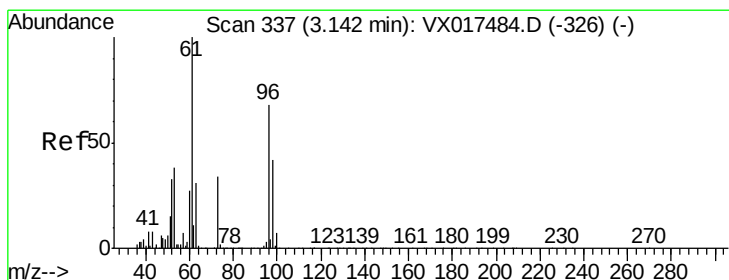
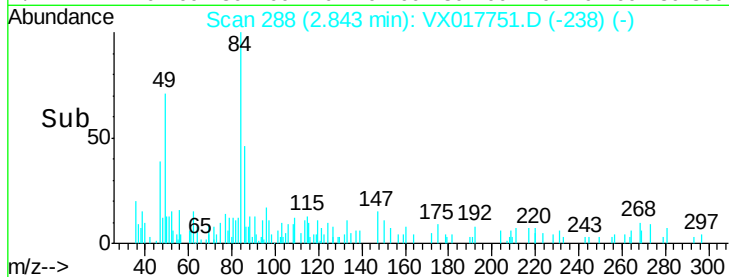
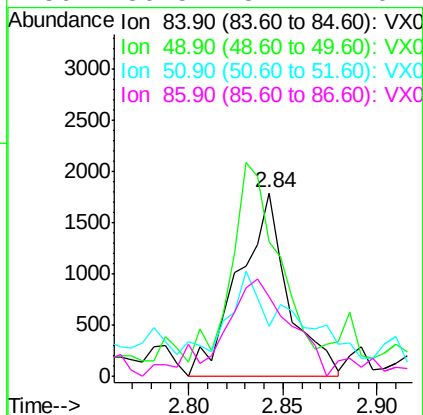
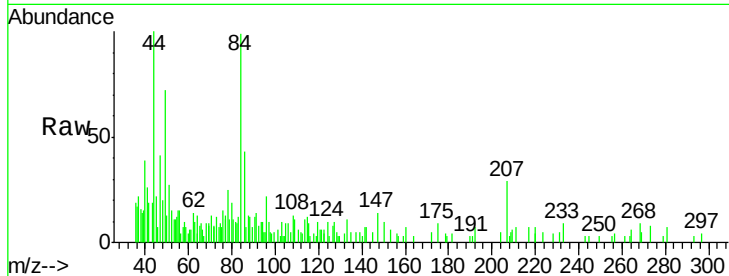




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

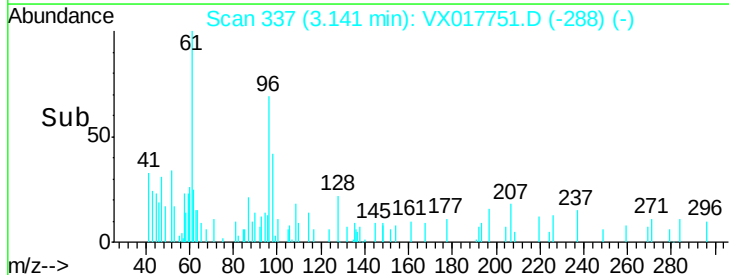
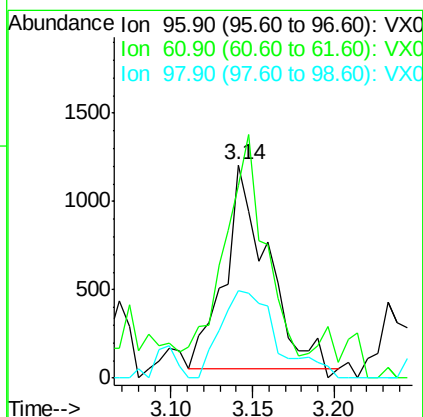
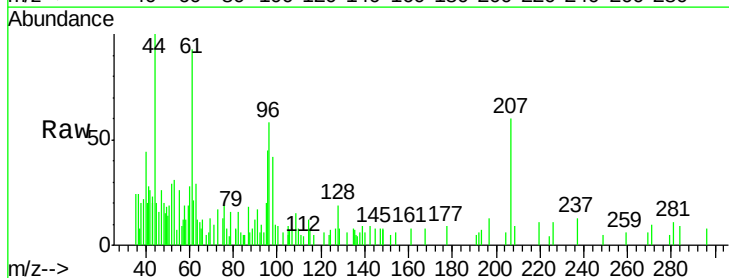
Instrument :
MSVOA_X
ClientSampled :
IBLK

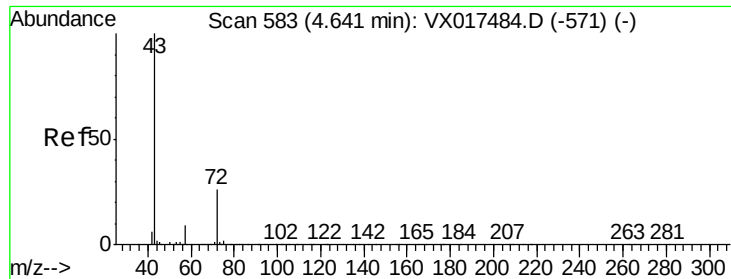
Tot Ion: 84 Resp: 3251
Ion Ratio Lower Upper
84 100
49 67.7 100.3 150.5#
51 10.1 30.5 45.7#
86 36.5 51.1 76.7#



#21
trans-1,2-Dichloroethene
Concen: 0.316 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion: 96 Resp: 2082
Ion Ratio Lower Upper
96 100
61 79.5 113.0 169.4#
98 43.0 51.8 77.8#





#25

2-Butanone

Concen: 0.456 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

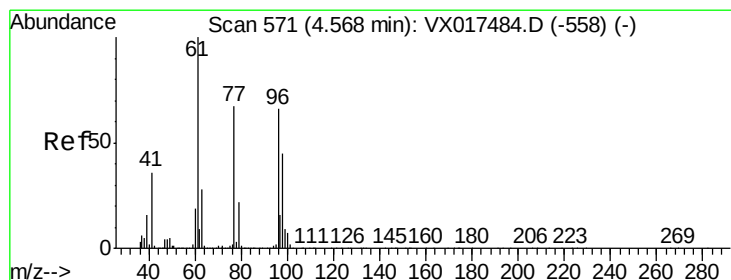
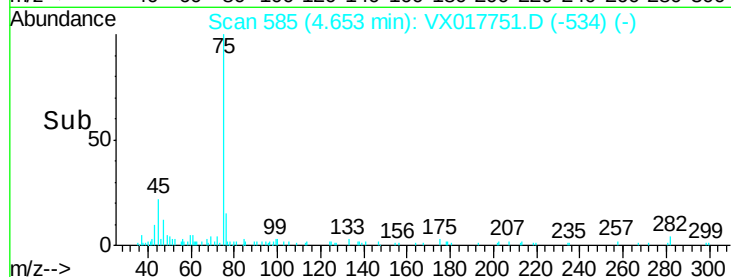
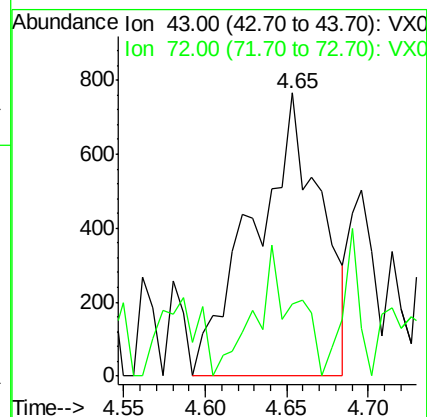
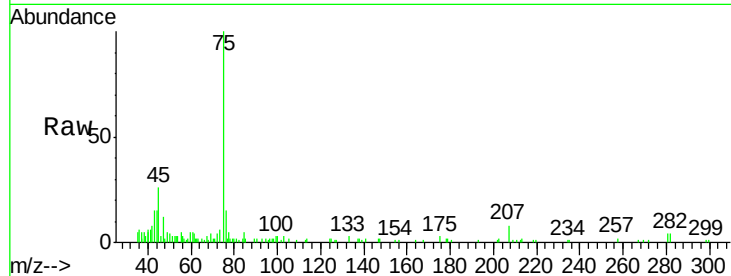
IBLK

Tot Ion: 43 Resp: 2182

Ion Ratio Lower Upper

43 100

72 13.5 19.0 28.4#



#27

cis-1,2-Dichloroethene

Concen: 0.284 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

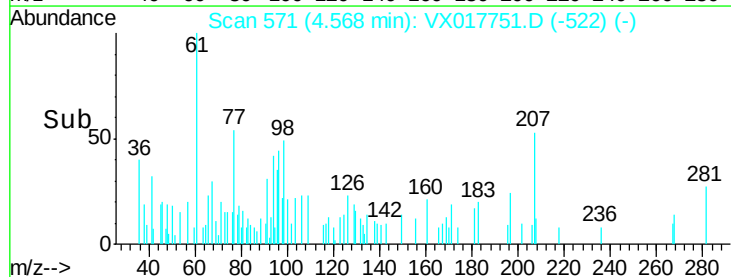
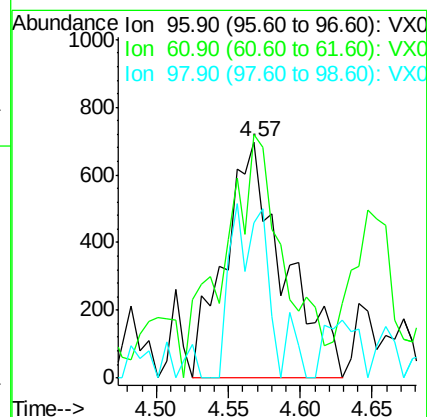
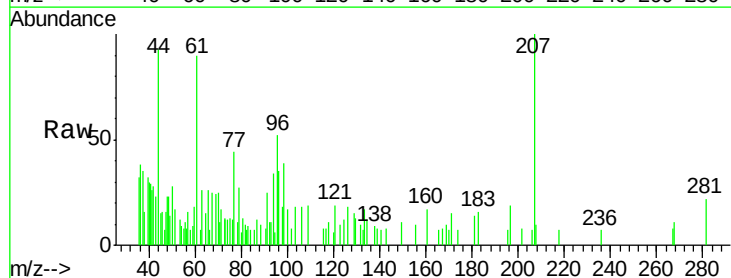
Tgt Ion: 96 Resp: 2032

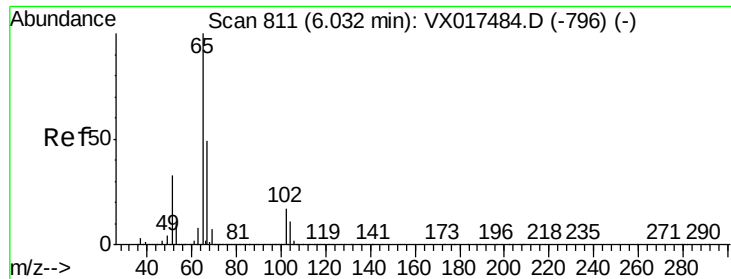
Ion Ratio Lower Upper

96 100

61 102.0 0.0 301.2

98 21.3 0.0 130.0

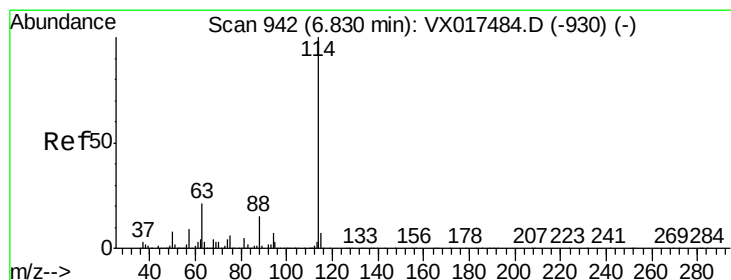
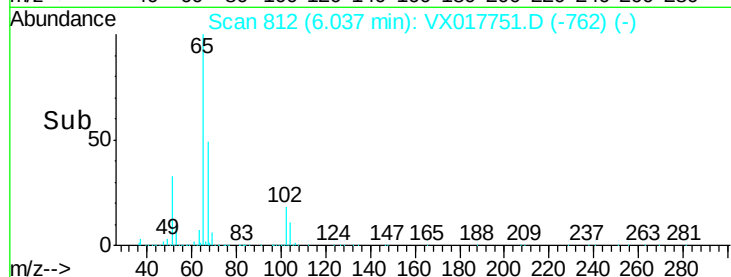
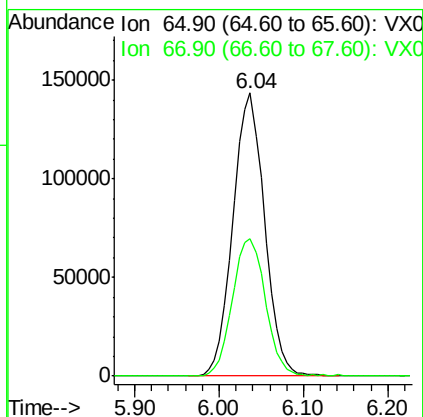
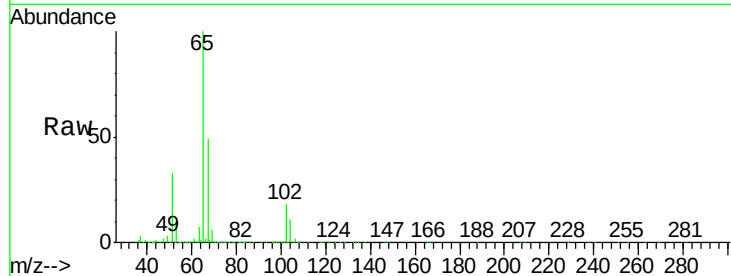




#33
 1,2-Dichloroethane-d4
 Concen: 47.615 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017751.D
 Acq: 03 Aug 2020 17:40

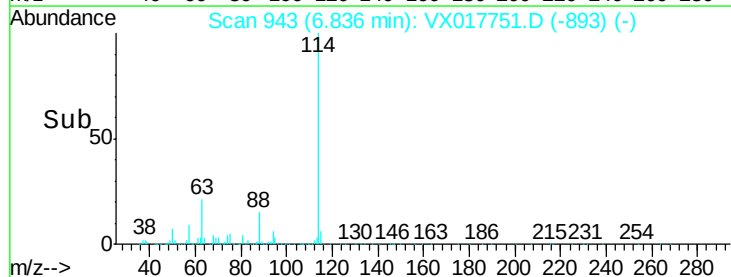
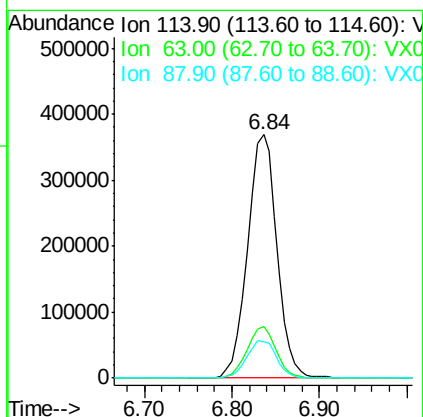
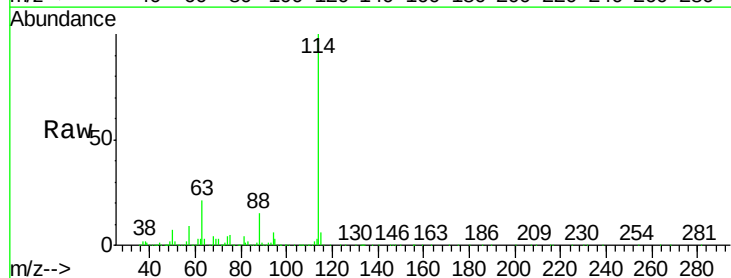
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

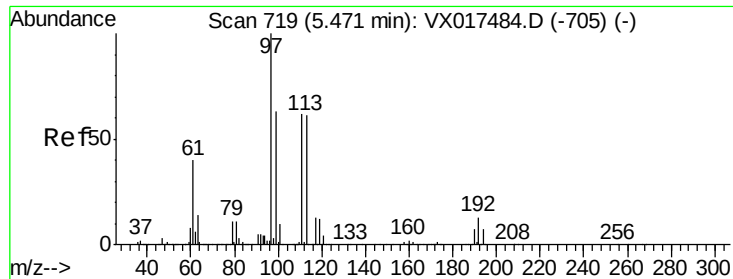
Tot Ion: 65 Resp: 364523
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017751.D
 Acq: 03 Aug 2020 17:40

Tgt Ion: 114 Resp: 858917
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.6
 88 14.9 0.0 33.4

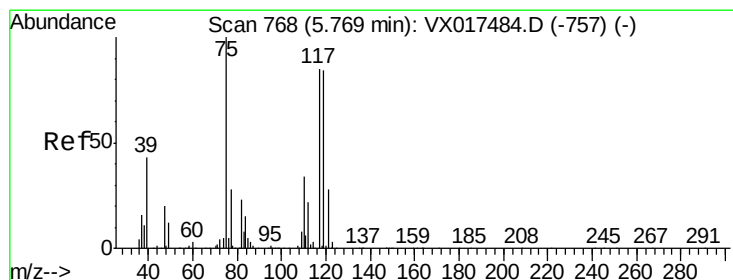
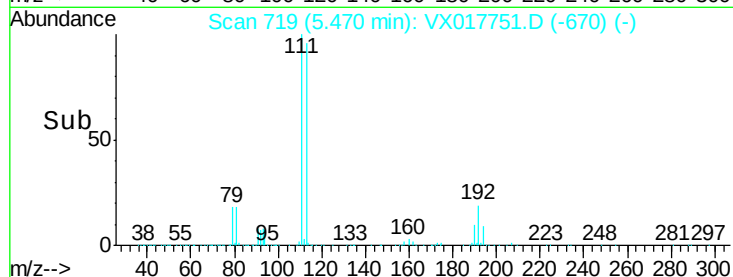
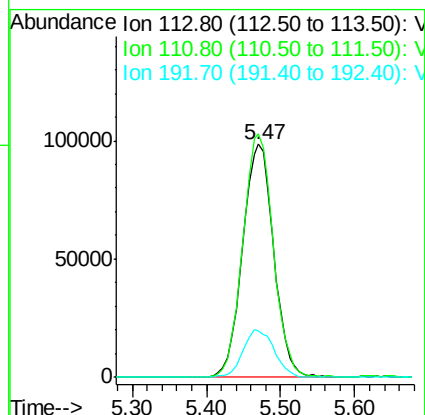
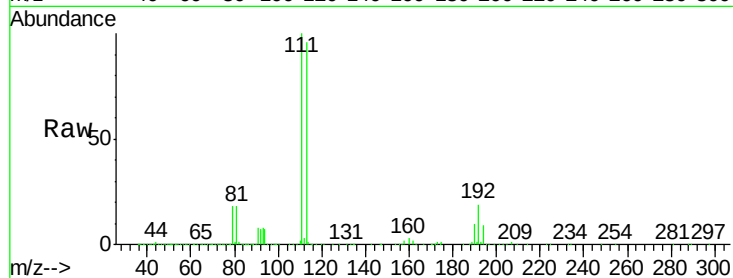




#35
Dibromofluoromethane
Concen: 50.354 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

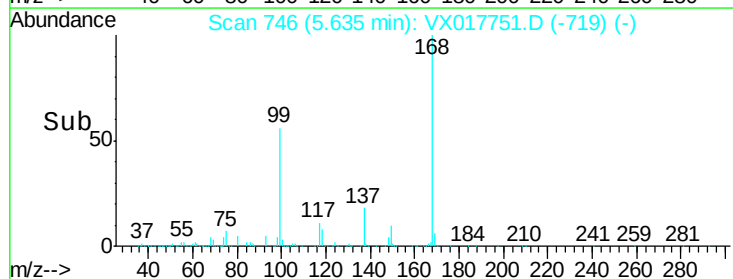
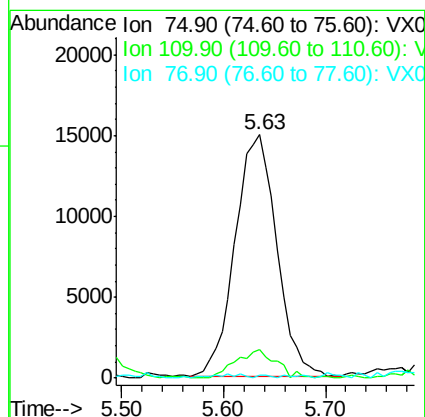
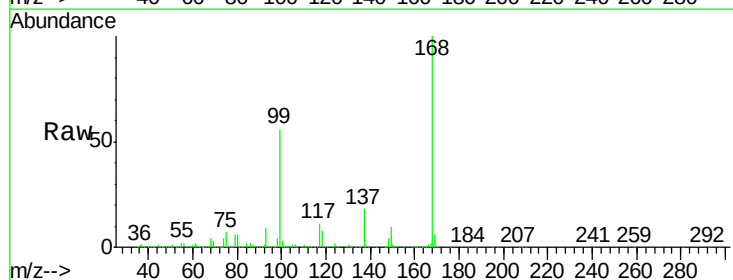
Instrument :
MSVOA_X
ClientSampled :
IBLK

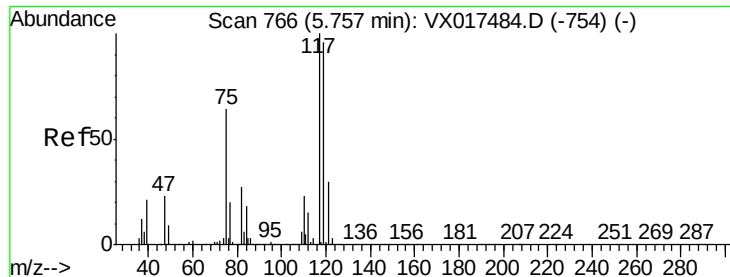
Tot Ion:113 Resp: 289258
Ion Ratio Lower Upper
113 100
111 102.2 80.7 121.1
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.177 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion: 75 Resp: 42645
Ion Ratio Lower Upper
75 100
110 11.6 18.1 54.3#
77 0.4 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.951 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

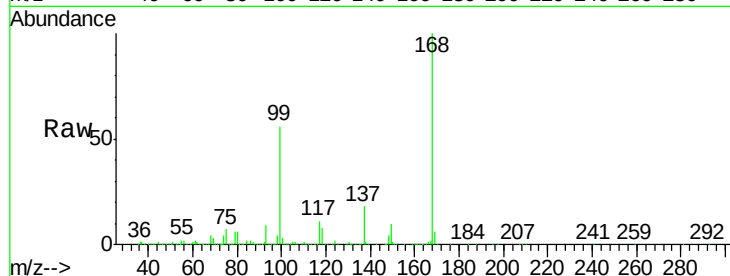
Tot Ion:117 Resp: 59527

Ion Ratio Lower Upper

117 100

119 4.5 75.4 113.0#

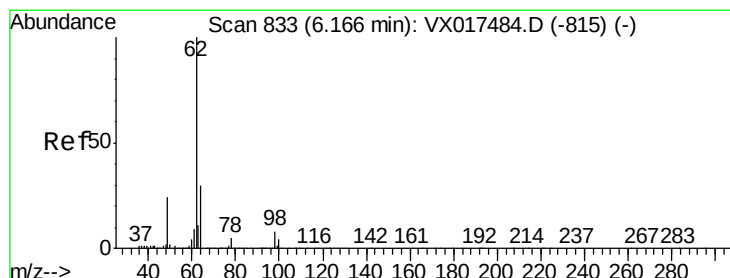
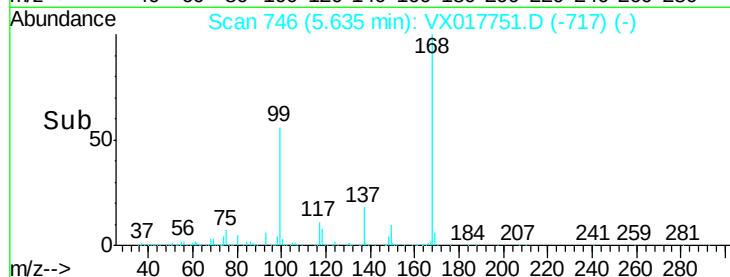
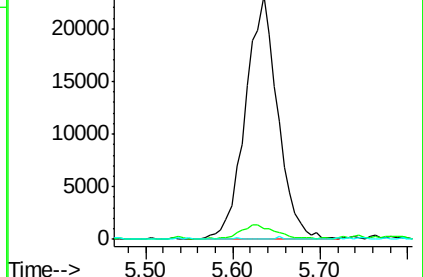
121 0.0 24.3 36.5#



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: 0.226 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX017751.D

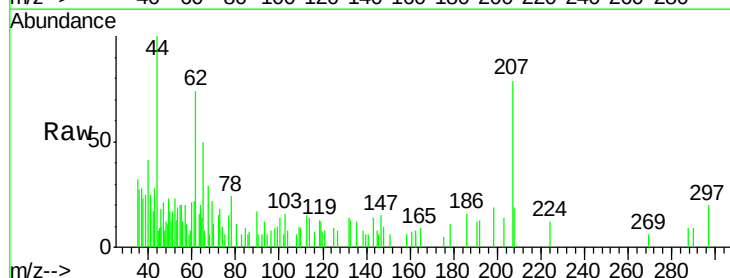
Acq: 03 Aug 2020 17:40

Tgt Ion: 62 Resp: 2188

Ion Ratio Lower Upper

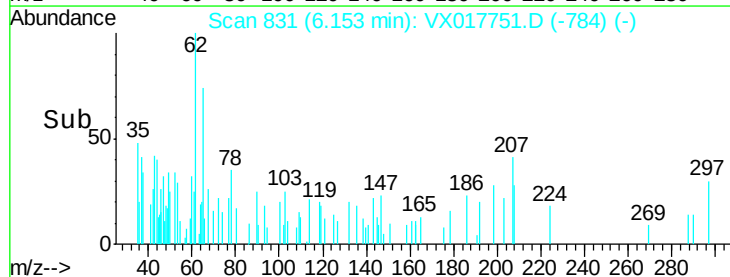
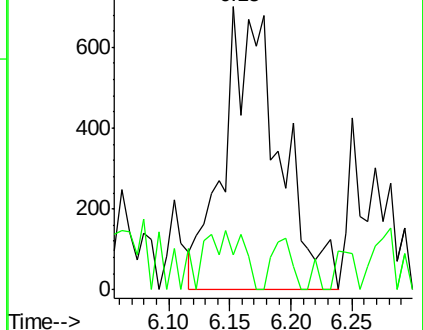
62 100

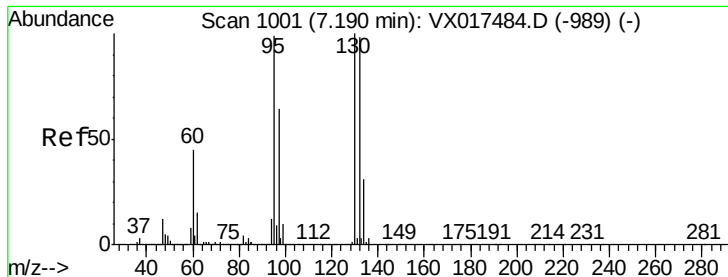
98 7.5 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.546 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

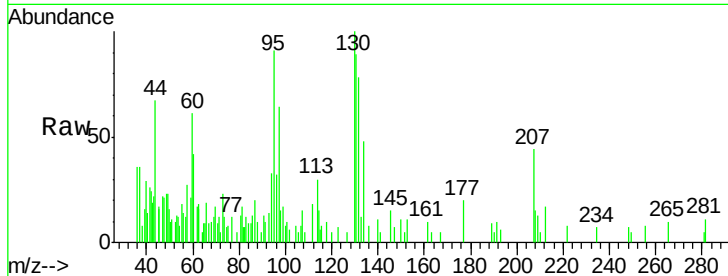
IBLK

Tot Ion:130 Resp: 3770

Ion Ratio Lower Upper

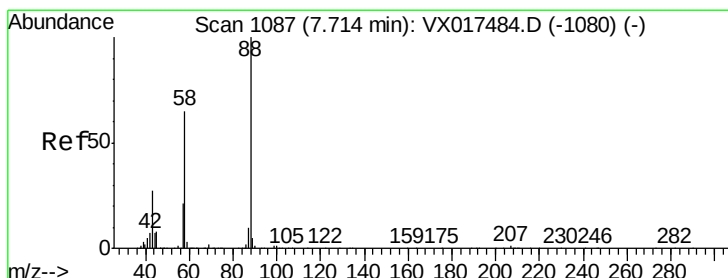
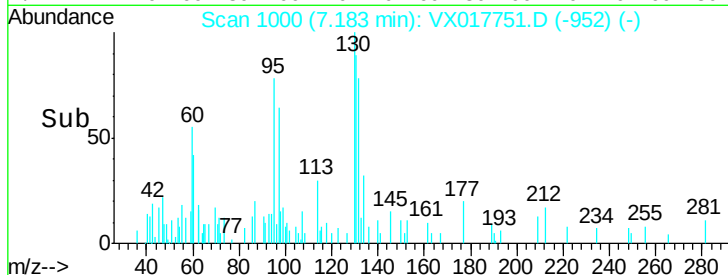
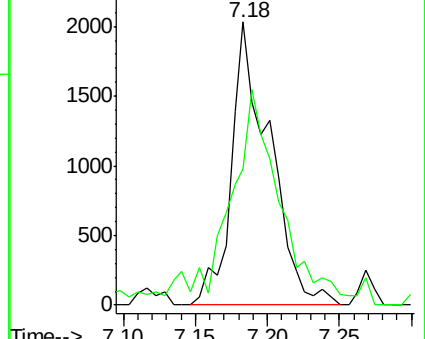
130 100

95 43.6 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 3.545 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.02 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

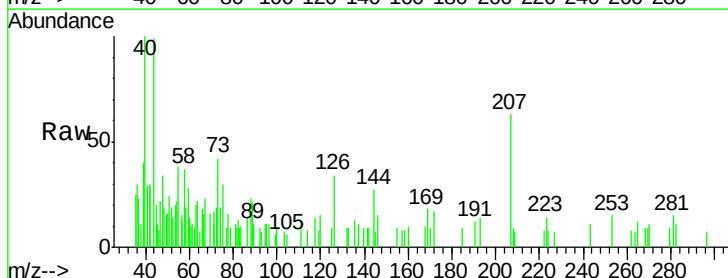
Tgt Ion: 88 Resp: 501

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.6#

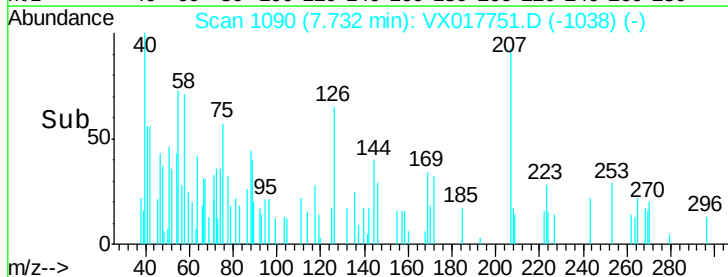
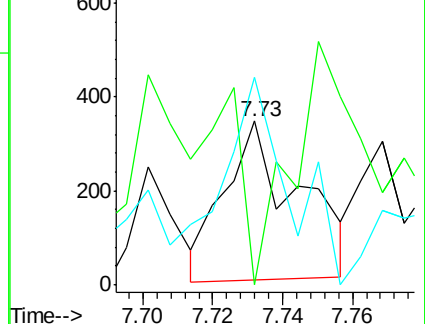
58 120.0 58.3 87.5#

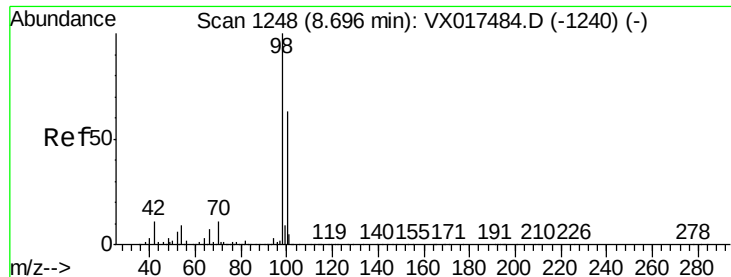


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

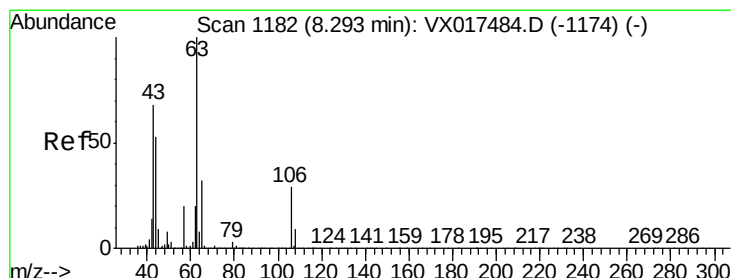
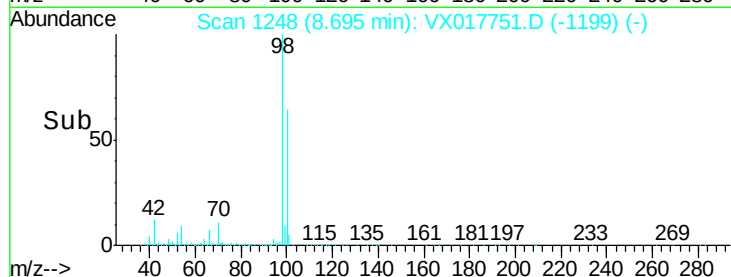
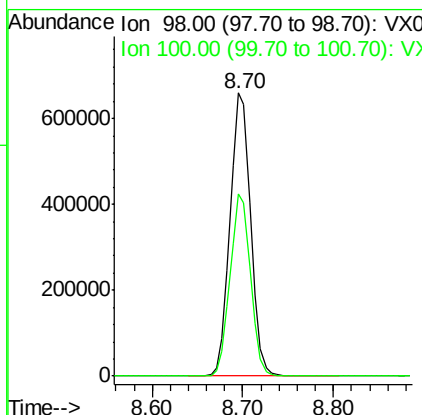
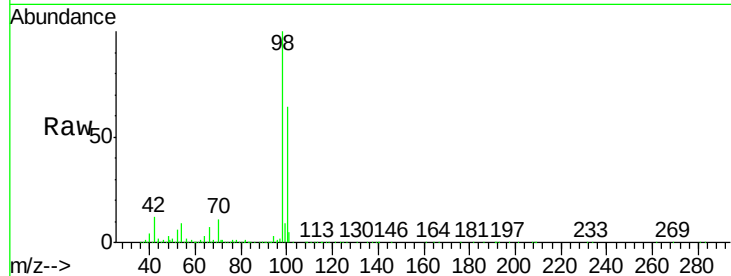




#50
Toluene-d8
Concen: 50.033 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

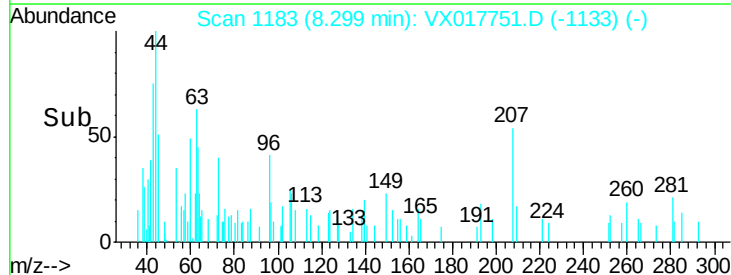
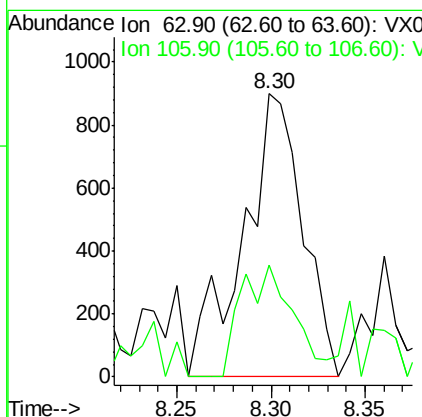
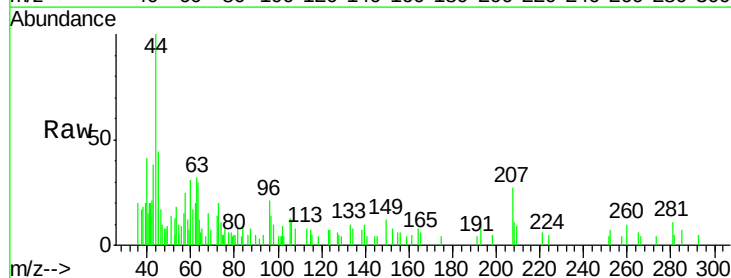
Instrument :
MSVOA_X
ClientSampleId :
IBLK

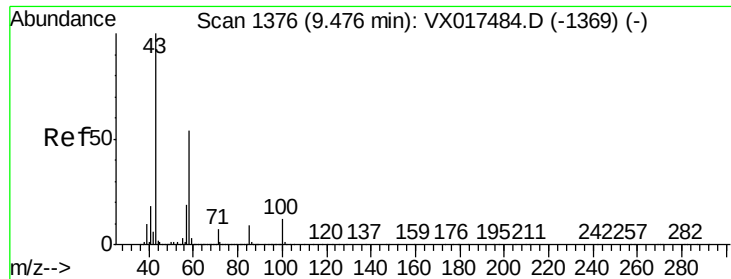
Tot Ion: 98 Resp: 1036839
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#58
2-Chloroethyl Vinyl ether
Concen: 0.394 ug/l
RT: 8.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion: 63 Resp: 1975
Ion Ratio Lower Upper
63 100
106 34.5 22.6 34.0#

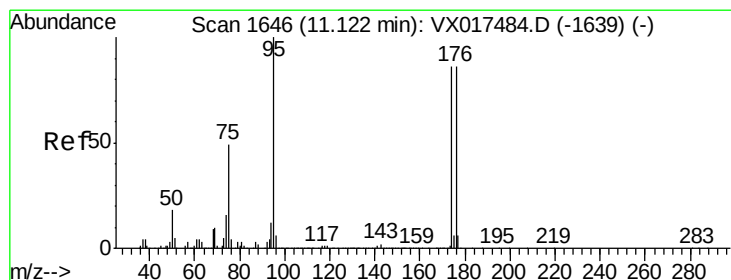
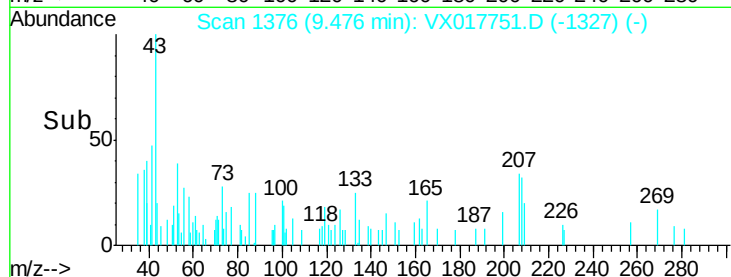
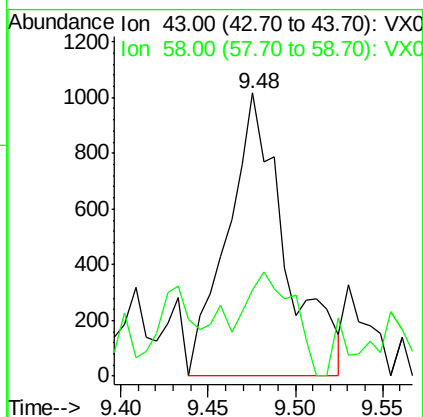
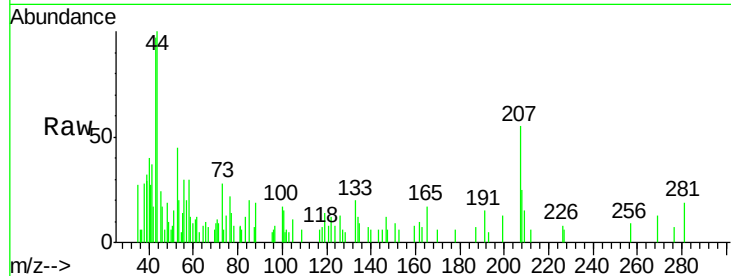




#59
2-Hexanone
Concen: 0.350 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

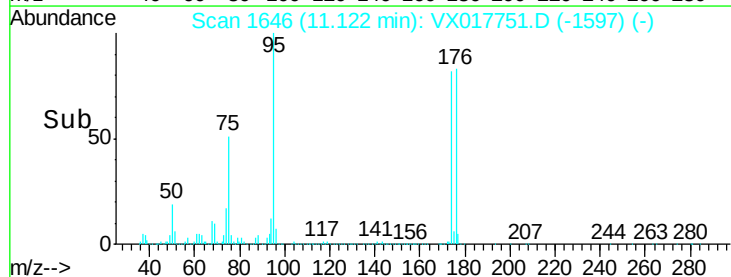
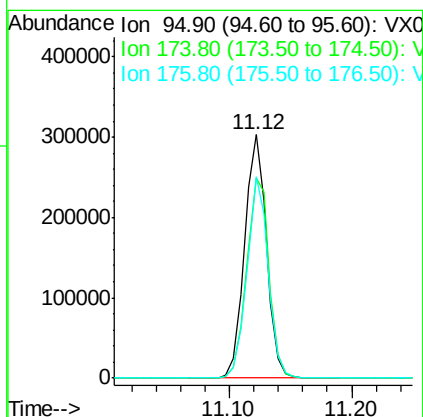
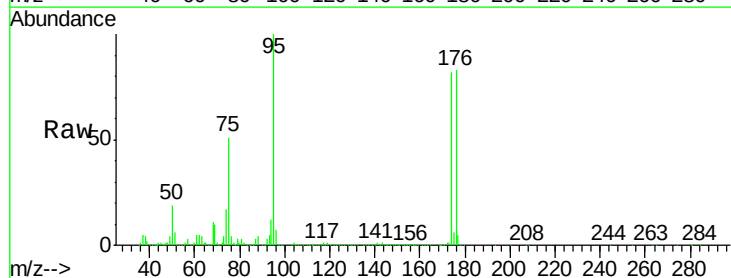
Instrument :
MSVOA_X
ClientSampled :
IBLK

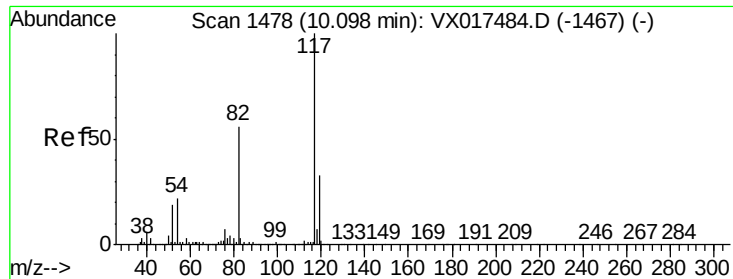
Tot Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 30.3 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 45.016 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion: 95 Resp: 373335
Ion Ratio Lower Upper
95 100
174 85.4 0.0 169.0
176 80.5 0.0 161.0

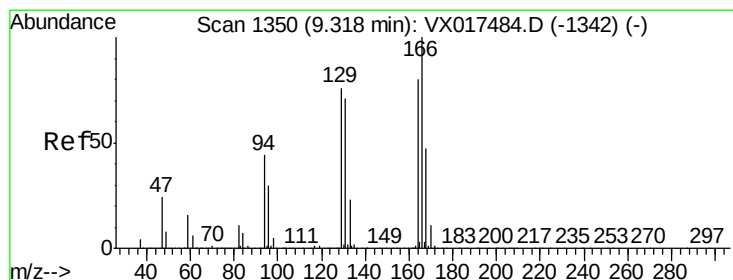
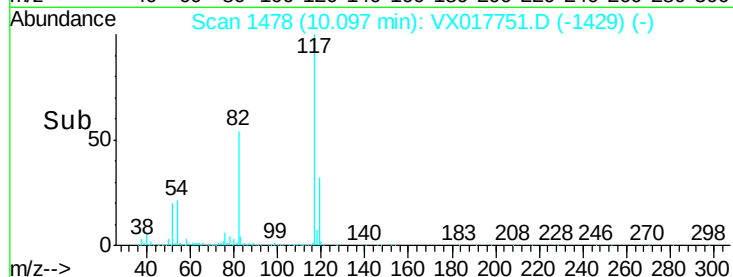
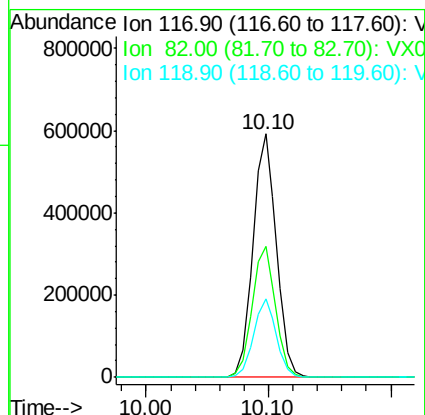
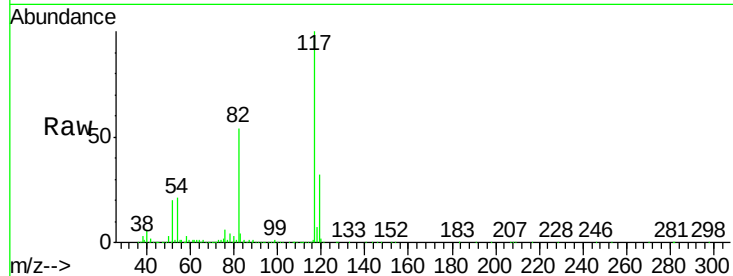




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

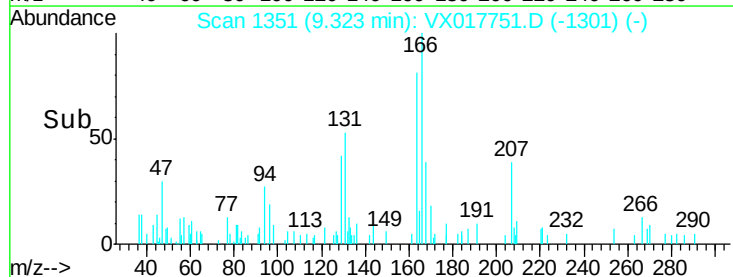
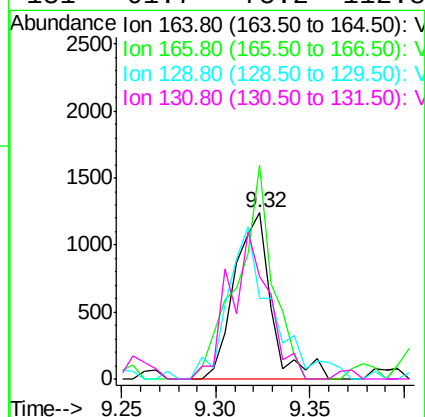
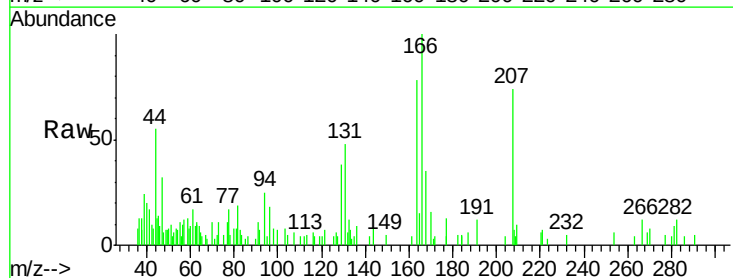
Instrument :
MSVOA_X
ClientSampleId :
IBLK

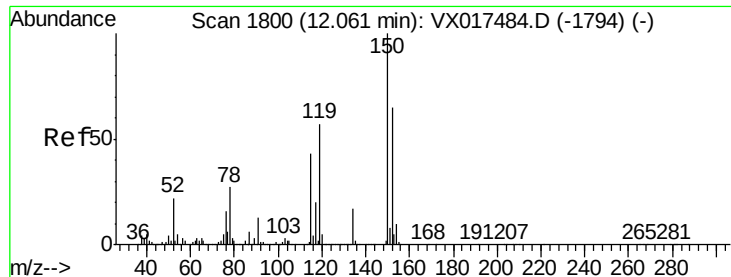
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.0	66.0
119	32.1	25.4	38.0



#64
Tetrachloroethene
Concen: 0.237 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	100.6	150.8
129	48.8	75.0	112.6#
131	61.7	75.2	112.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

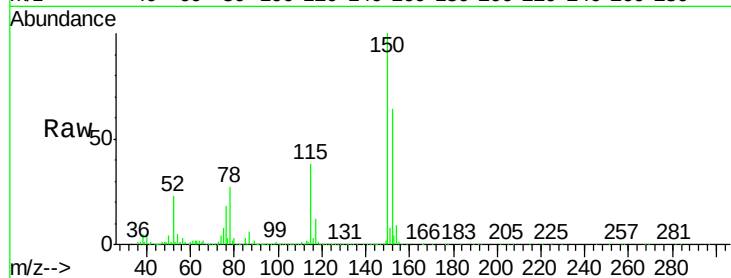
Tot Ion:152 Resp: 393564

Ion Ratio Lower Upper

152 100

115 58.2 65.5 196.6#

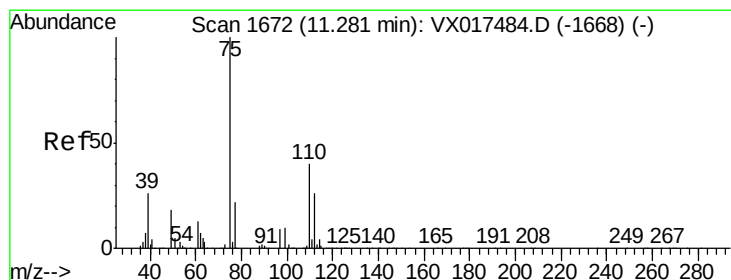
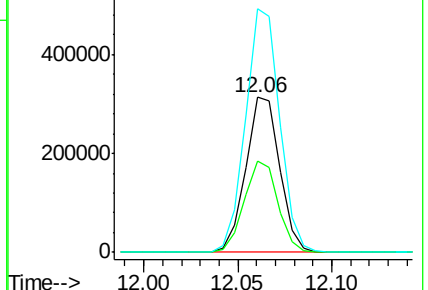
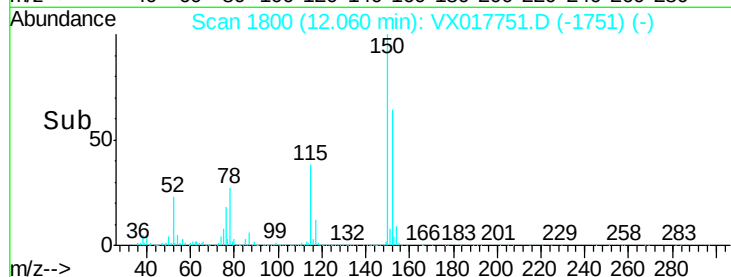
150 156.9 0.0 412.6



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: 23.586 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017751.D

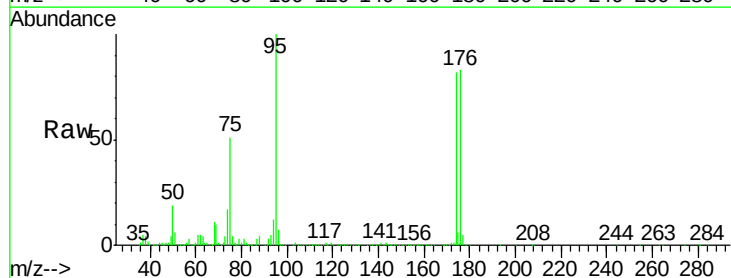
Acq: 03 Aug 2020 17:40

Tgt Ion: 75 Resp: 190951

Ion Ratio Lower Upper

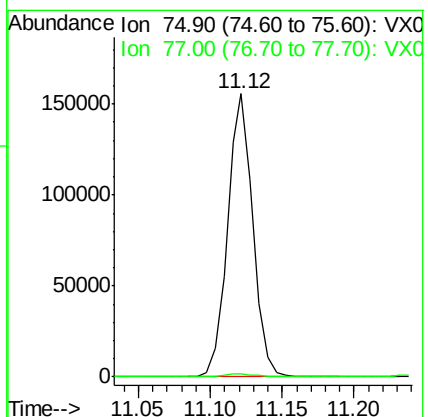
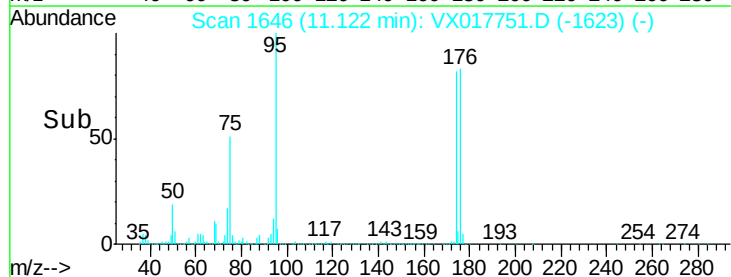
75 100

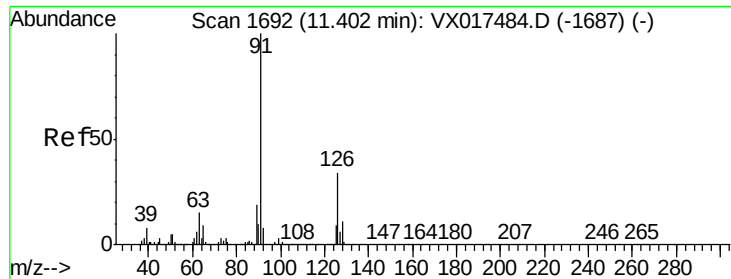
77 1.3 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#79

2-Chlorotoluene

Concen: 0.225 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.09 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

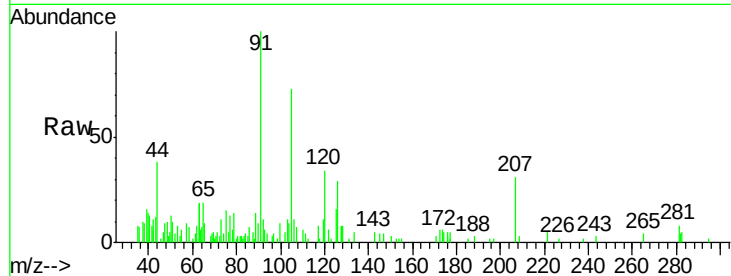
IBLK

Tot Ion: 91 Resp: 4243

Ion Ratio Lower Upper

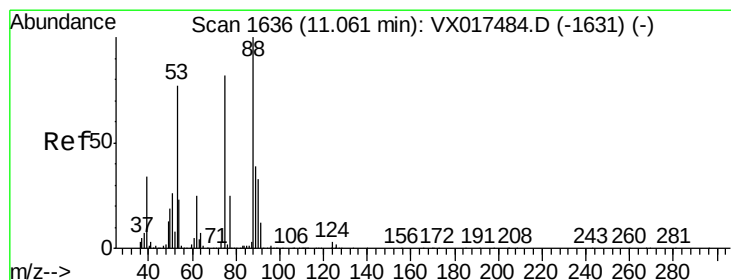
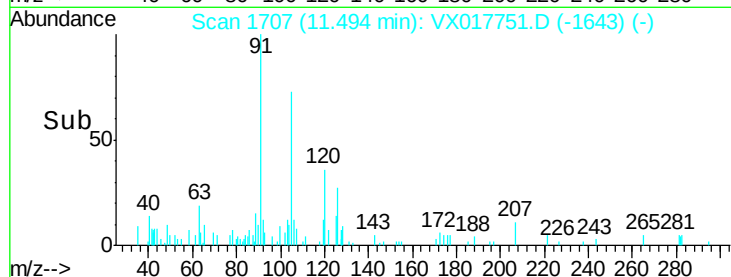
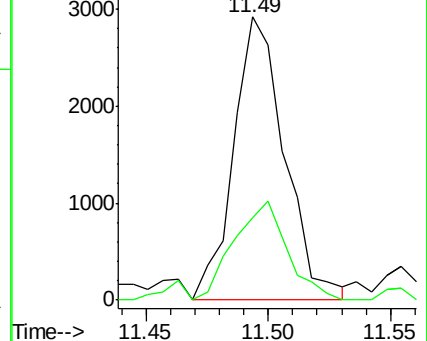
91 100

126 36.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 59.433 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

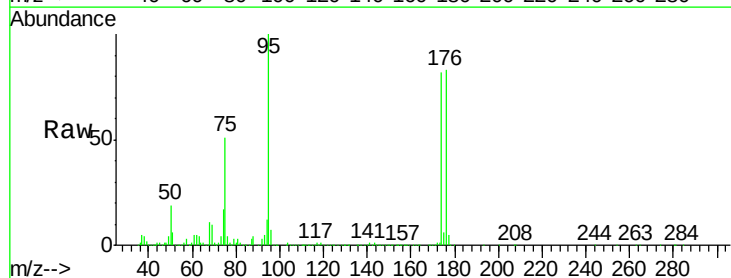
Tgt Ion: 75 Resp: 190951

Ion Ratio Lower Upper

75 100

53 0.4 75.9 113.9#

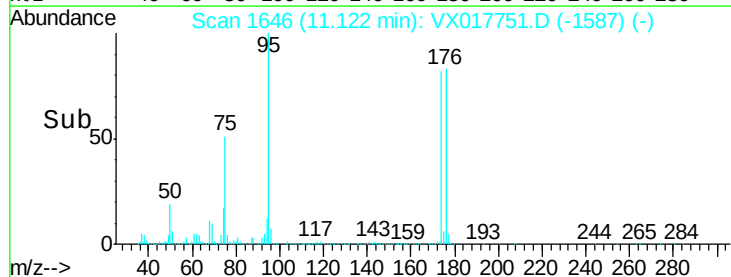
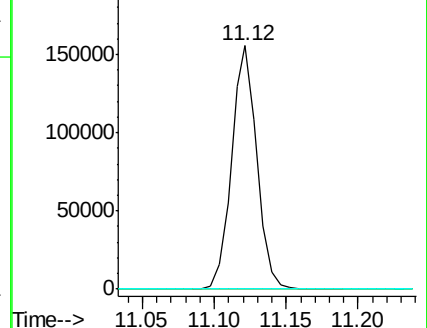
89 0.1 37.8 56.6#

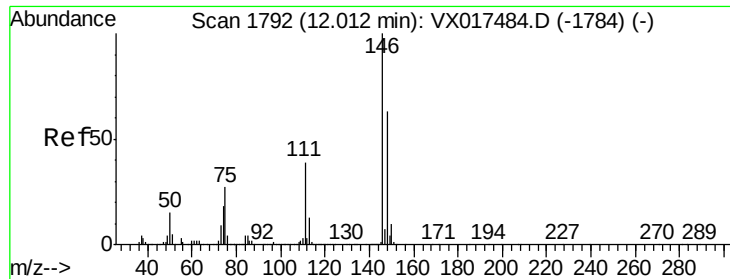


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#87

1,3-Dichlorobenzene

Concen: 0.247 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

IBLK

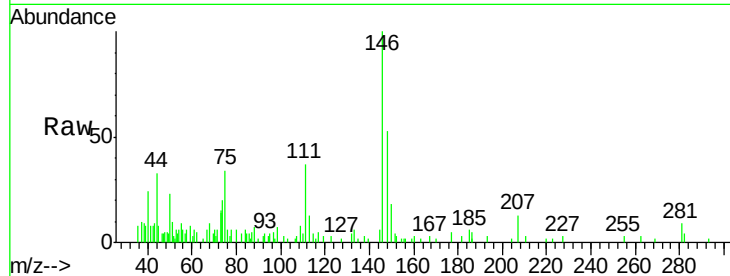
Tot Ion:146 Resp: 3200

Ion Ratio Lower Upper

146 100

111 52.8 19.9 59.7

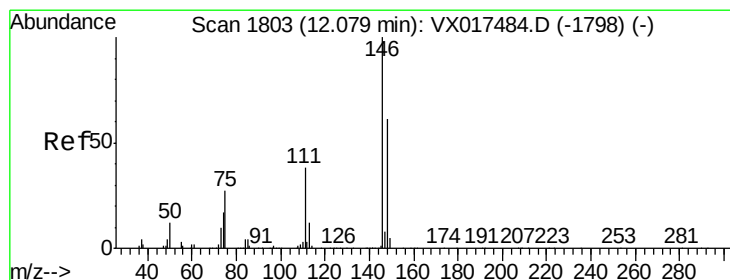
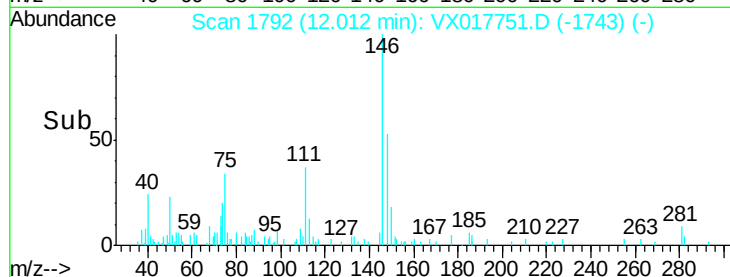
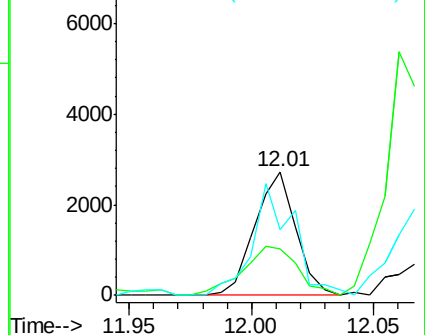
148 90.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.238 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

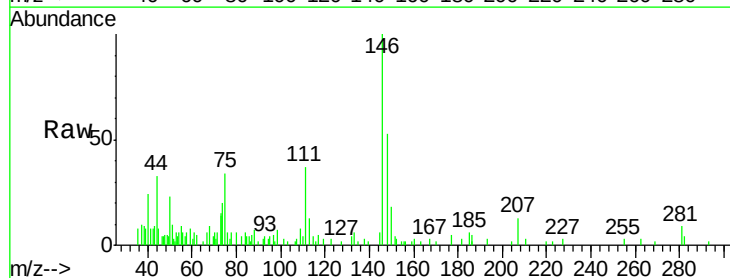
Tgt Ion:146 Resp: 3200

Ion Ratio Lower Upper

146 100

111 52.8 19.3 57.8

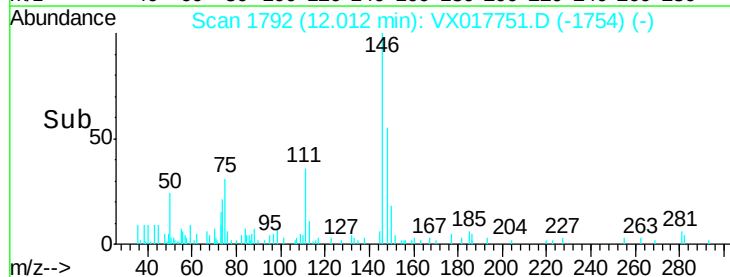
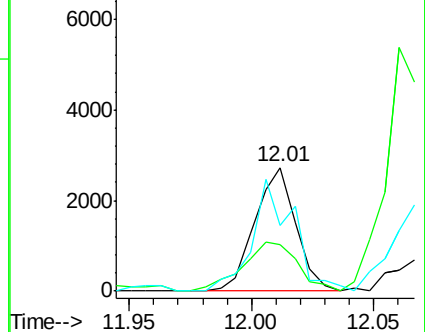
148 90.3 32.2 96.6

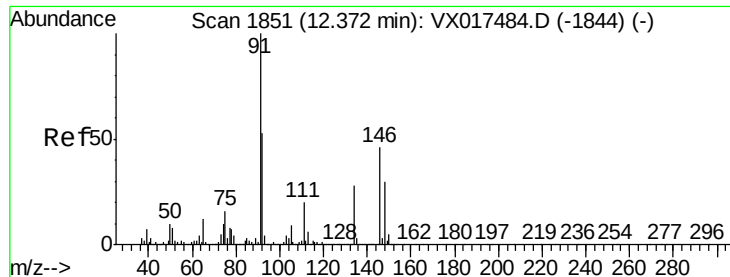


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

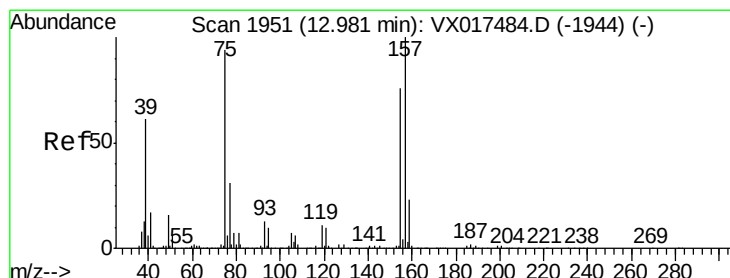
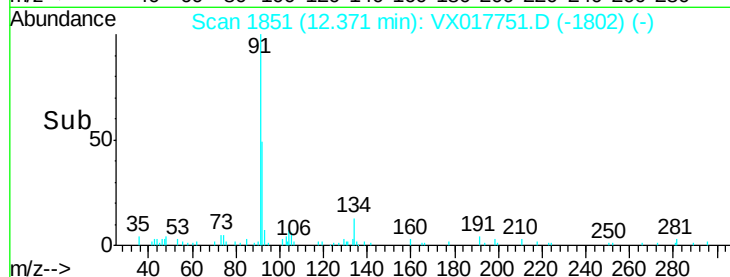
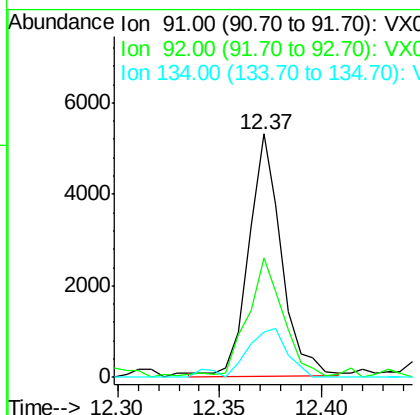
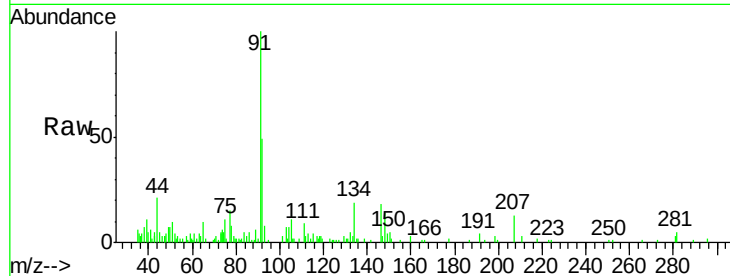




#89
n-Butylbenzene
Concen: 0.268 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

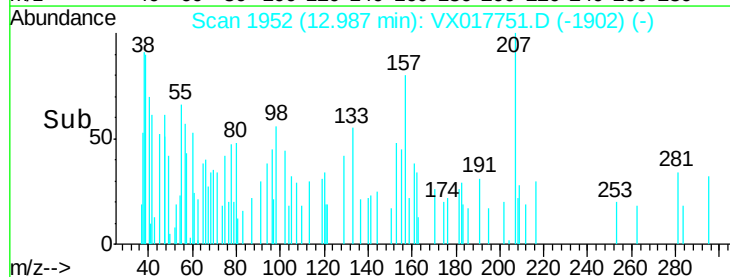
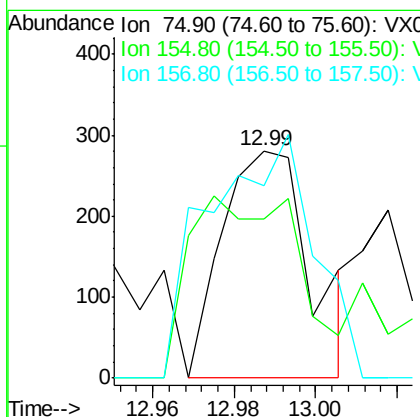
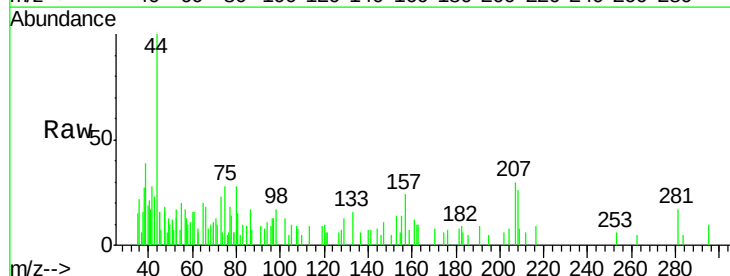
Instrument :
MSVOA_X
ClientSampled :
IBLK

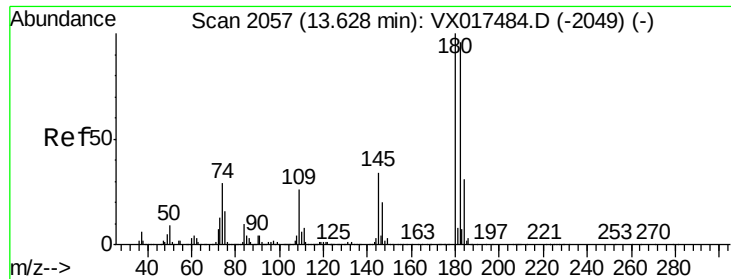
Tot Ion: 91 Resp: 5845
Ion Ratio Lower Upper
91 100
92 55.4 26.7 80.1
134 26.0 13.6 40.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.746 ug/l
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion: 75 Resp: 425
Ion Ratio Lower Upper
75 100
155 98.4 42.3 126.8
157 127.1 54.3 162.9

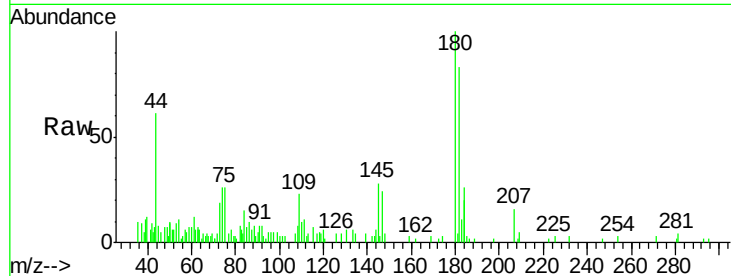




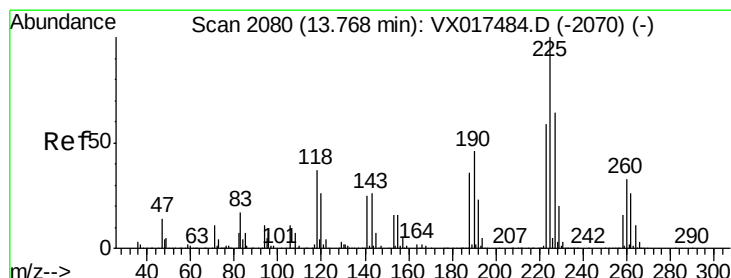
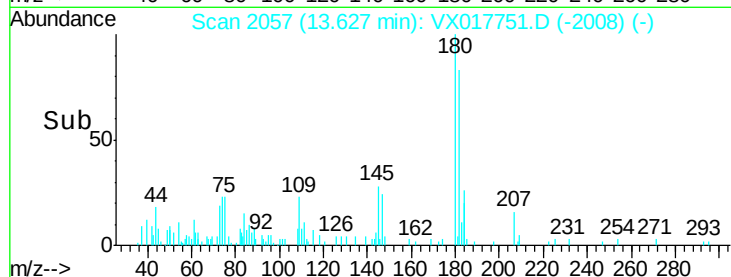
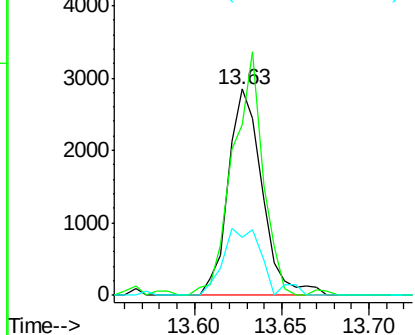
#93
 1,2,4-Trichlorobenzene
 Concen: 0.441 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017751.D
 Acq: 03 Aug 2020 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.6	47.5	142.6
145	37.3	15.4	46.4

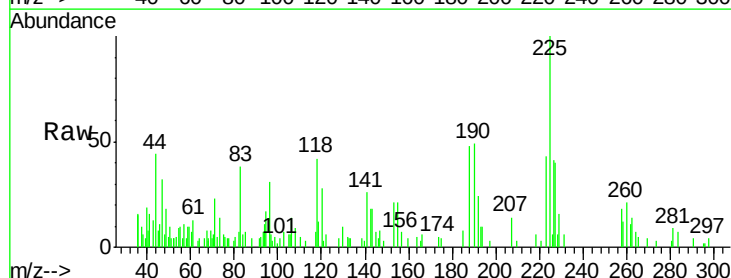


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

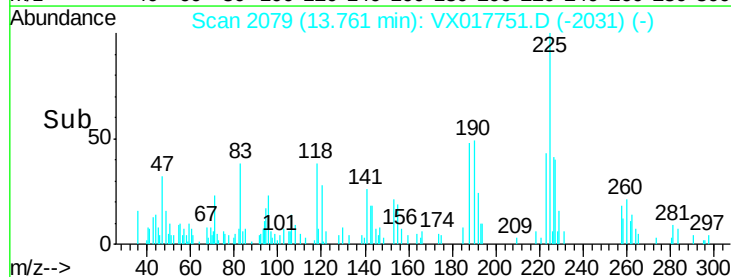
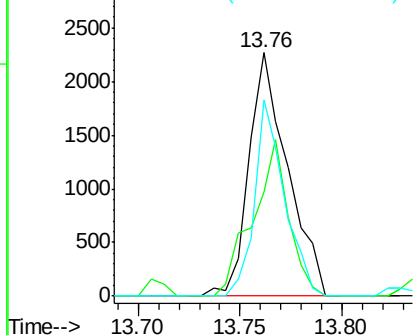


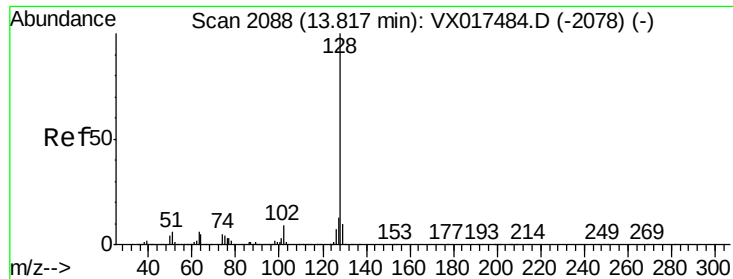
#94
 Hexachlorobutadiene
 Concen: 0.747 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017751.D
 Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	30.3	90.9
227	62.4	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

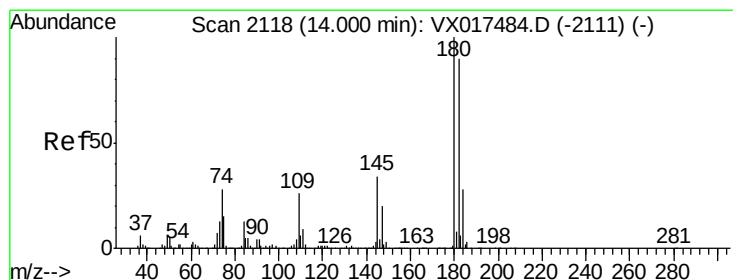
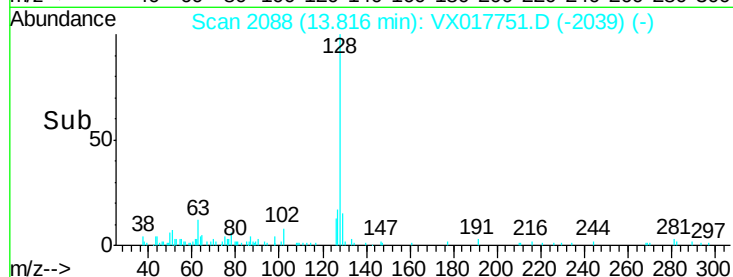
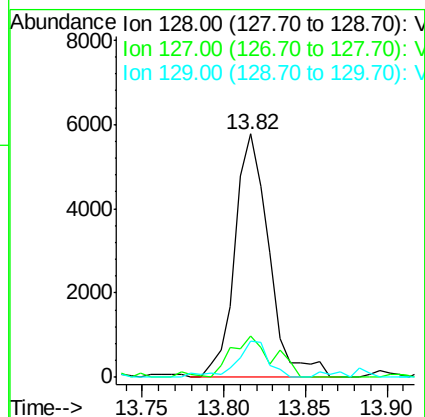
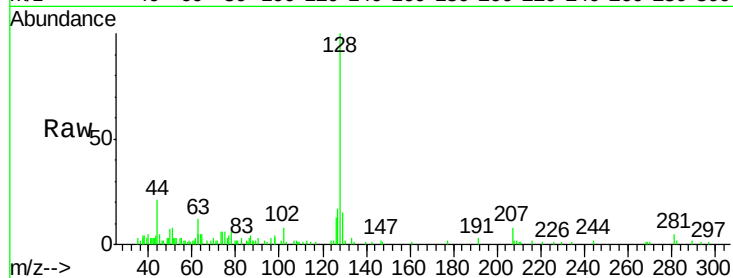




#95
Naphthalene
Concen: 0.323 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion	Ratio	Lower	Upper
128	100		
127	20.4	10.4	15.6#
129	13.8	8.9	13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.456 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.5	47.4	142.3
145	35.9	16.3	48.9

