

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012495.D
 Acq On : 19 Sep 2019 00:21
 Operator : JC/SP
 Sample : K4858-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190909RE

Quant Time: Sep 19 06:07:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	190587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86057	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	122100	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	
35) Dibromofluoromethane	5.49	113	87971	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	8.71	98	337052	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	111349	40.77	ug/l	0.00
Spiked Amount			Recovery	=	81.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	134	0.496	ug/l #	43
3) Chloromethane	1.33	50	490	0.468	ug/l	91
5) Bromomethane	1.64	94	304	0.683	ug/l #	1
6) Chloroethane	1.71	64	257	0.290	ug/l #	53
8) Diethyl Ether	2.19	74	257	0.274	ug/l	61
10) Methyl Iodide	2.50	142	671	4.916	ug/l	90
11) Tert butyl alcohol	3.03	59	6285	3.278	ug/l	95
13) Acrolein	2.29	56	259	Below Cal	#	72
15) Acrylonitrile	3.14	53	597	0.504	ug/l #	84
16) Acetone	2.43	43	19045	7.539	ug/l	95
17) Carbon Disulfide	2.56	76	683	2.195	ug/l #	40
18) Methyl Acetate	2.59	43	23914	8.402	ug/l #	54
20) Methylene Chloride	2.86	84	3059	1.850	ug/l #	75
21) trans-1,2-Dichloroethene	3.14	96	319	0.256	ug/l #	47
25) 2-Butanone	4.69	43	3036	1.602	ug/l	96
29) Tetrahydrofuran	5.14	42	2373	2.267	ug/l #	80
36) 1,1-Dichloropropene	5.65	75	15922	8.924	ug/l #	53
38) Carbon Tetrachloride	5.65	117	20672	9.315	ug/l #	17
42) 1,2-Dichloroethane	6.18	62	596	0.226	ug/l #	75
49) 1,4-Dioxane	7.76	88	45	0.798	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1156	0.359	ug/l	98
52) Toluene	8.78	92	905	0.248	ug/l	79
59) 2-Hexanone	9.51	43	555	0.221	ug/l	82
64) Tetrachloroethene	9.32	164	231	0.209	ug/l #	44
76) 1,2,3-Trichloropropane	11.14	75	57641	29.159	ug/l #	38
77) Bromobenzene	11.25	156	264	0.200	ug/l	78
81) trans-1,4-Dichloro-2-buten	11.14	75	57641	78.191	ug/l #	8
82) 4-Chlorotoluene	11.51	91	1031	0.229	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	981	0.207	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	752	0.304	ug/l	92
88) 1,4-Dichlorobenzene	12.03	146	752	0.296	ug/l	92
89) n-Butylbenzene	12.39	91	1054	0.237	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	590	0.228	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.98	75	251	0.457	ug/l #	4

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

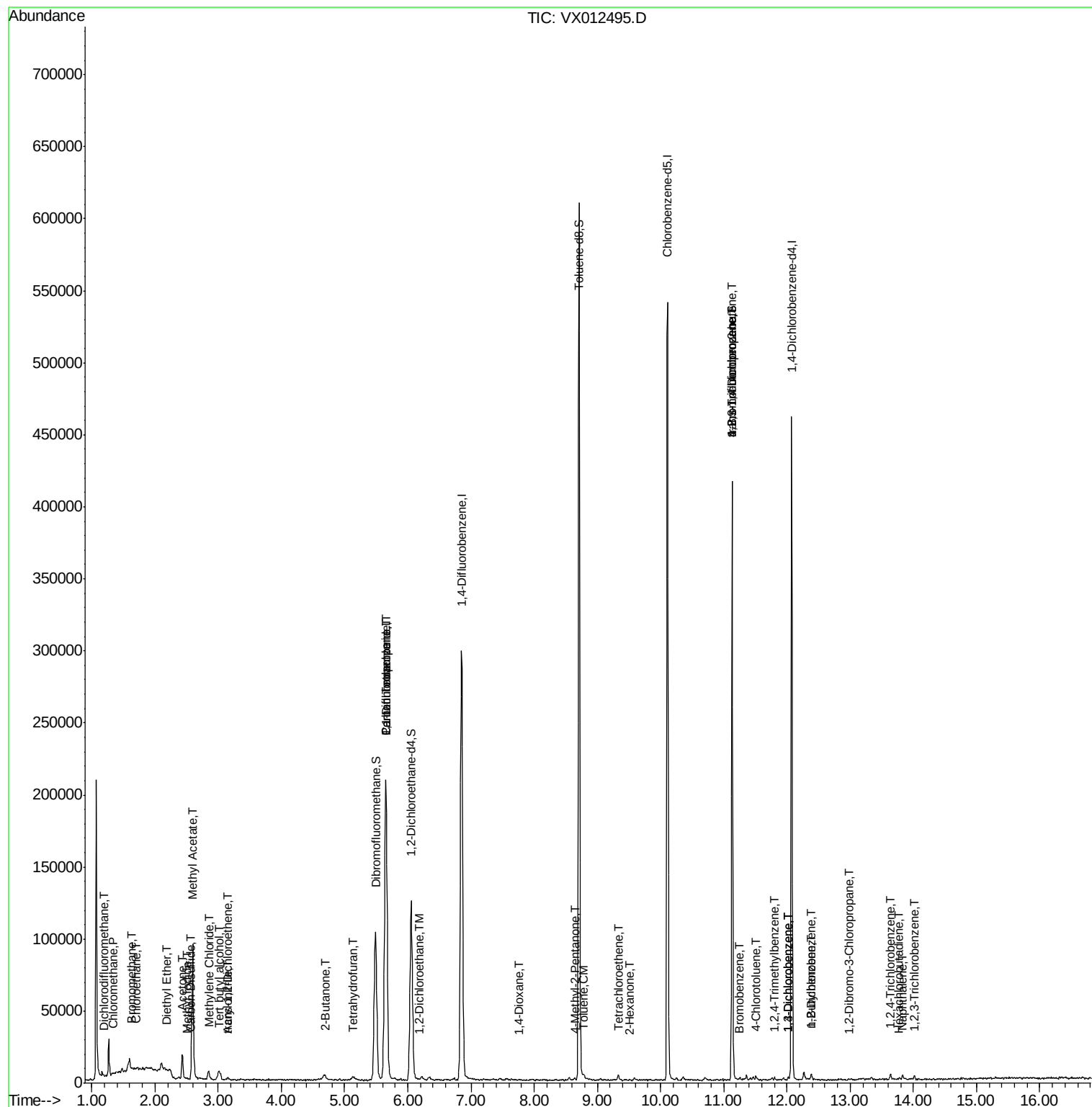
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	644	0.386	ug/l	93
94) Hexachlorobutadiene	13.78	225	162	0.206	ug/l #	72
95) Naphthalene	13.83	128	1928	0.325	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.02	180	690	0.406	ug/l	81

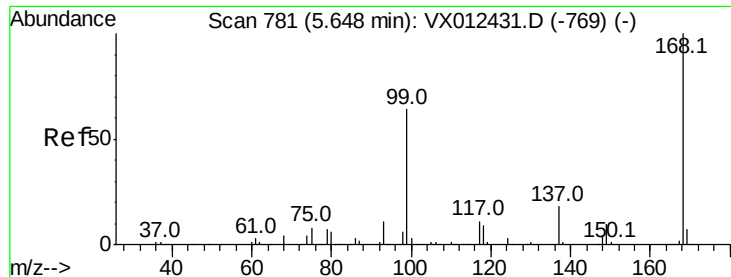
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

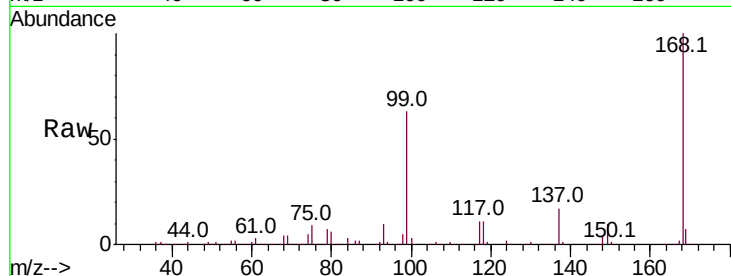
TB01-20190909RE

Tot Ion:168 Resp: 190587

Ion Ratio Lower Upper

168 100

99 63.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

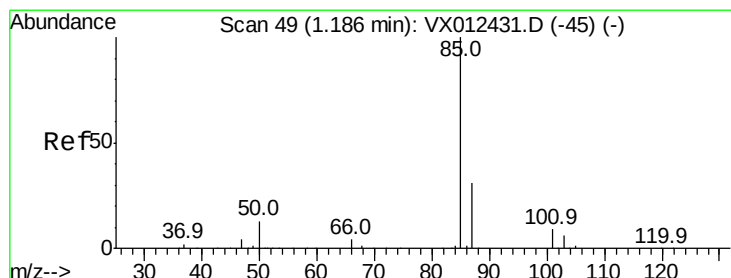
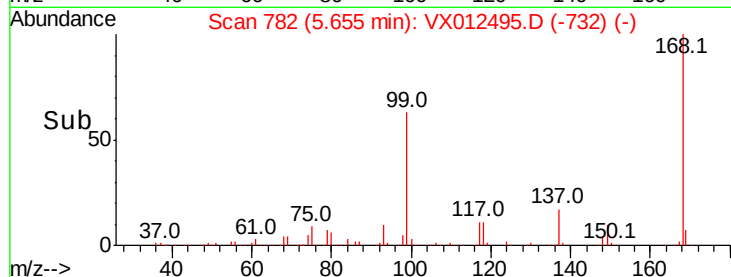
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.496 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012495.D

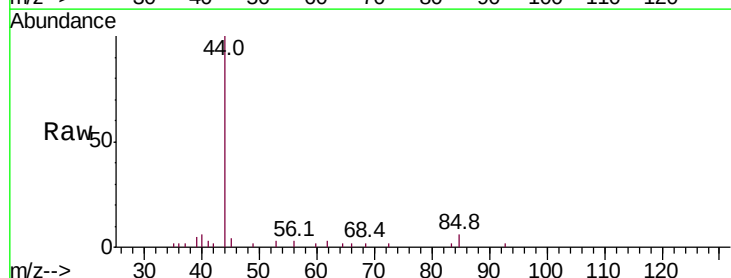
Acq: 19 Sep 2019 00:21

Tgt Ion: 85 Resp: 134

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200

150

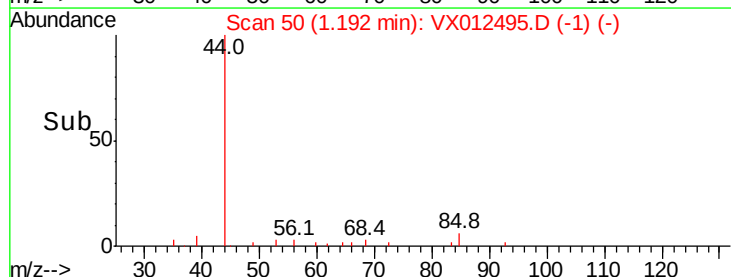
100

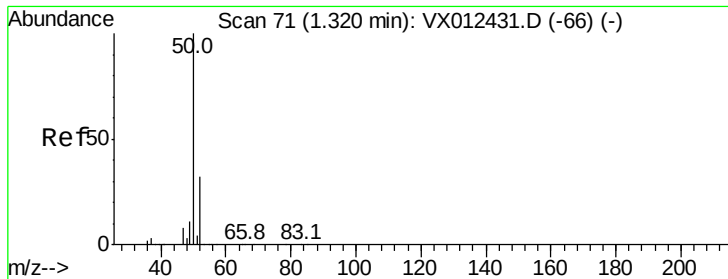
50

0

Time-->

1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.468 ug/l

RT: 1.33 min Scan# 73

Delta R.T. 0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

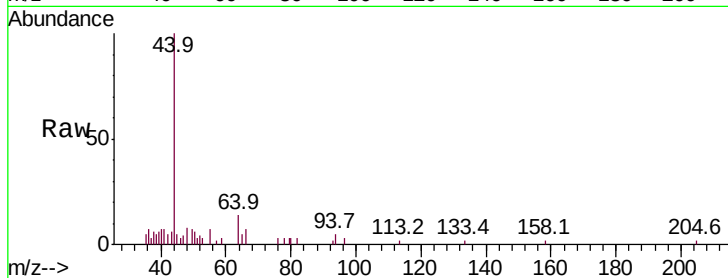
TB01-20190909RE

Tot Ion: 50 Resp: 490

Ion Ratio Lower Upper

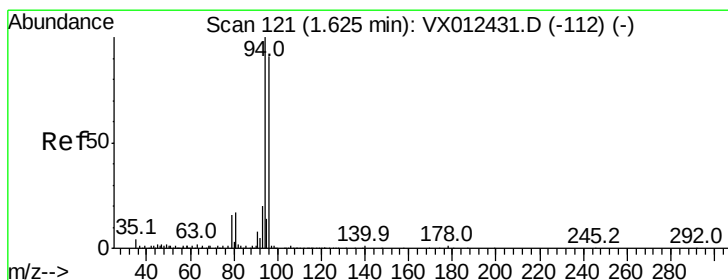
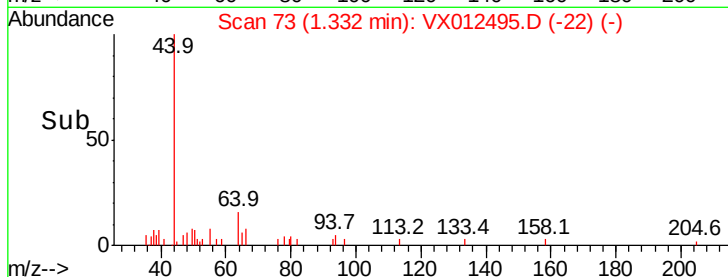
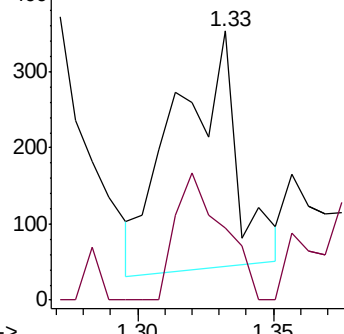
50 100

52 37.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.683 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012495.D

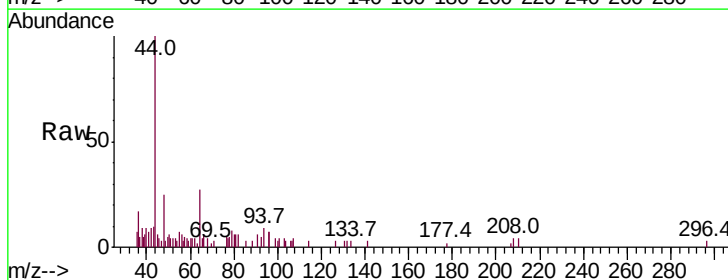
Acq: 19 Sep 2019 00:21

Tgt Ion: 94 Resp: 304

Ion Ratio Lower Upper

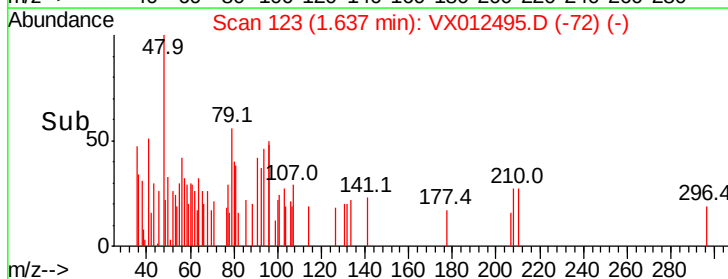
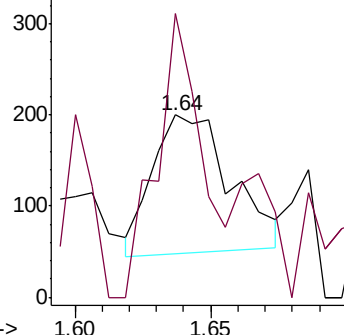
94 100

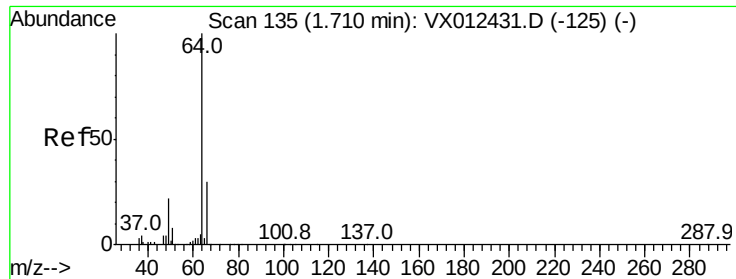
96 232.1 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.290 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

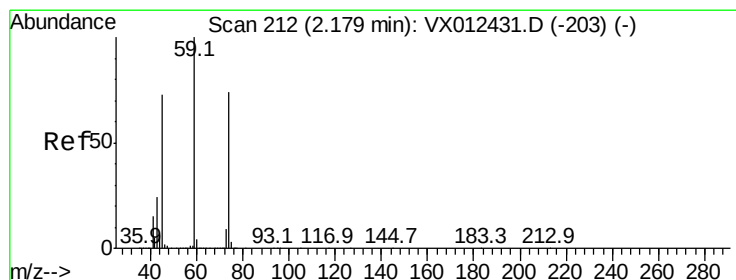
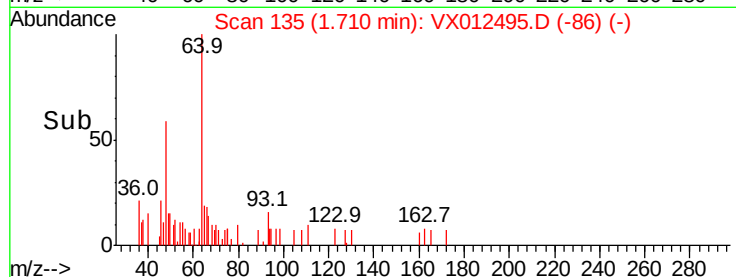
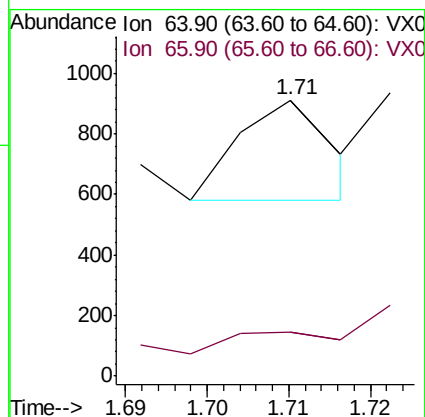
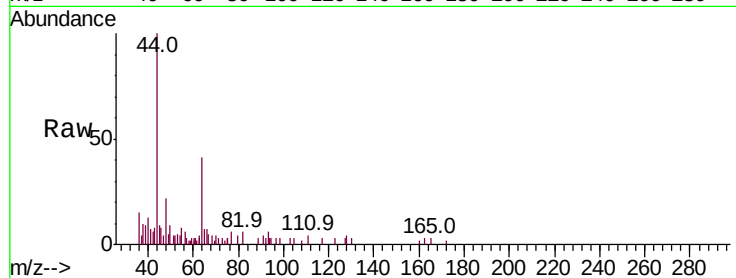
TB01-20190909RE

Tot Ion: 64 Resp: 257

Ion Ratio Lower Upper

64 100

66 55.6 24.0 36.0#



#8

Diethyl Ether

Concen: 0.274 ug/l

RT: 2.19 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX012495.D

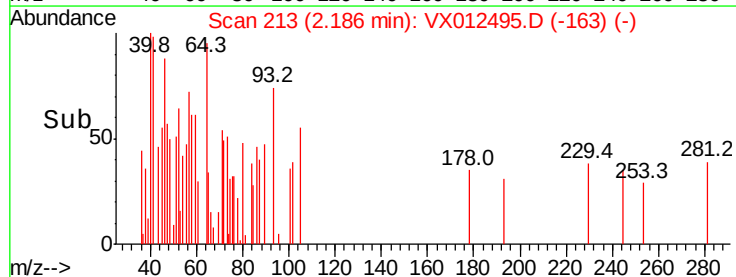
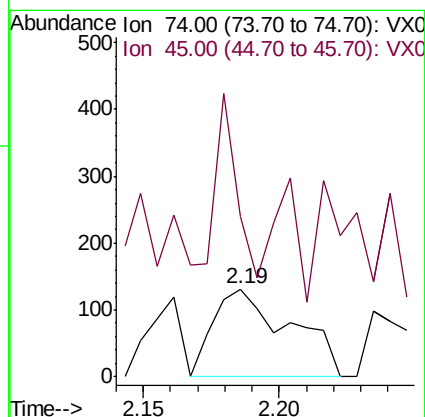
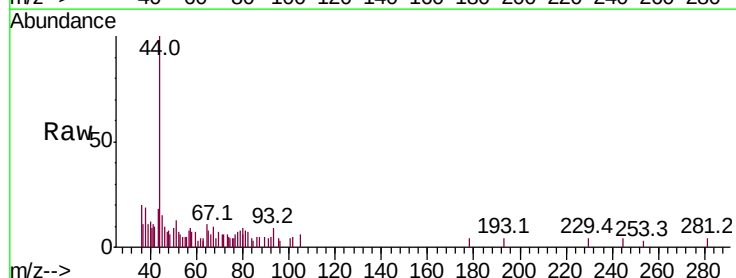
Acq: 19 Sep 2019 00:21

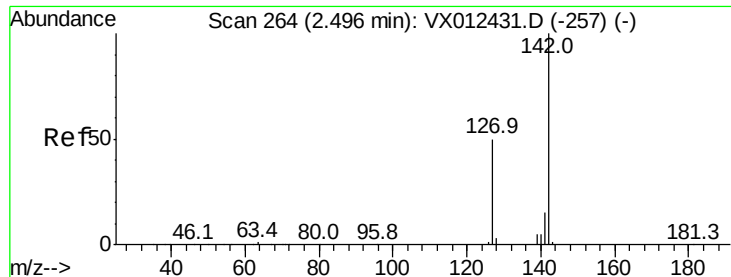
Tgt Ion: 74 Resp: 257

Ion Ratio Lower Upper

74 100

45 61.1 49.9 149.7

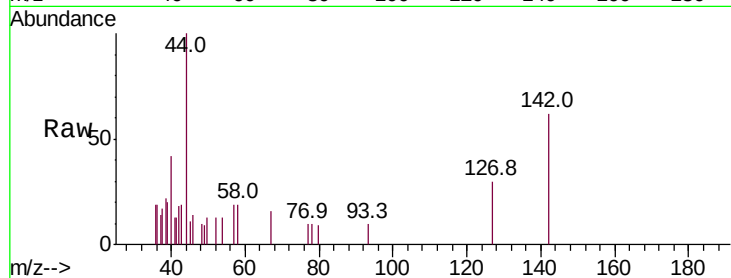




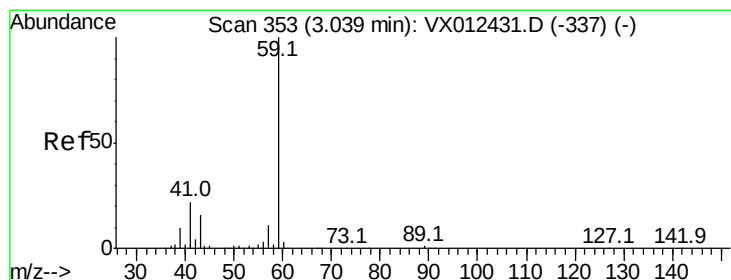
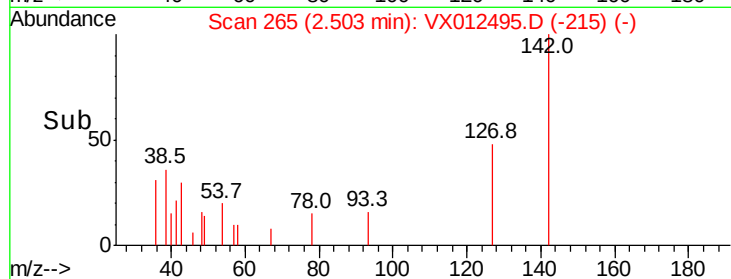
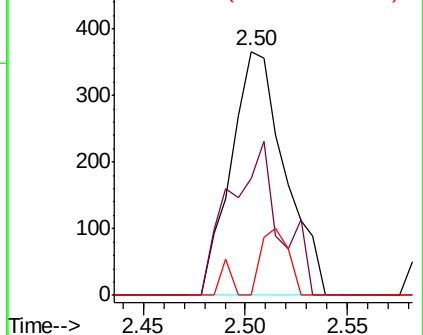
#10
Methyl Iodide
Concen: 4.916 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012495.D
Acq: 19 Sep 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
TB01-20190909RE

Tot Ion:142 Resp: 671
Ion Ratio Lower Upper
142 100
127 59.3 40.8 61.2
141 14.0 12.1 18.1

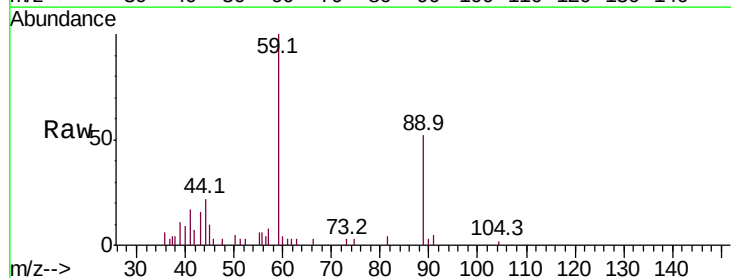


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

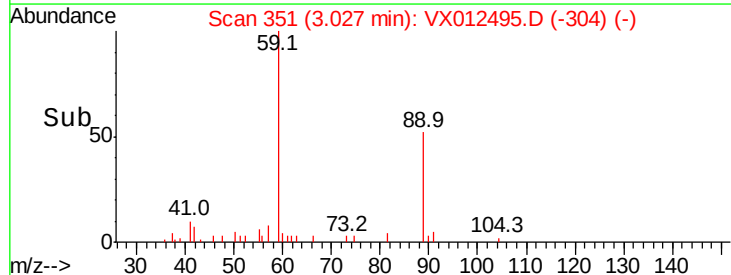
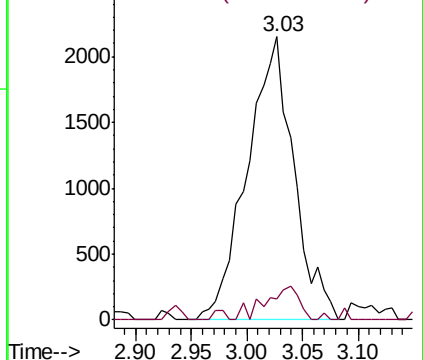


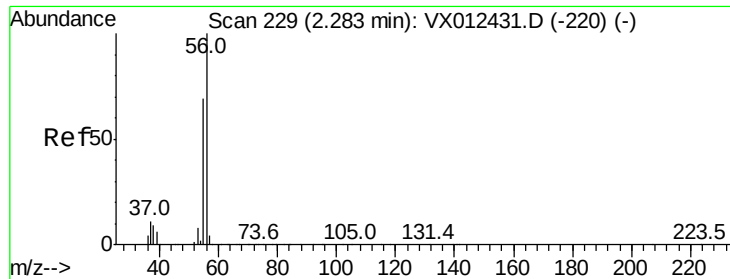
#11
Tert butyl alcohol
Concen: 3.278 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012495.D
Acq: 19 Sep 2019 00:21

Tgt Ion: 59 Resp: 6285
Ion Ratio Lower Upper
59 100
57 8.6 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

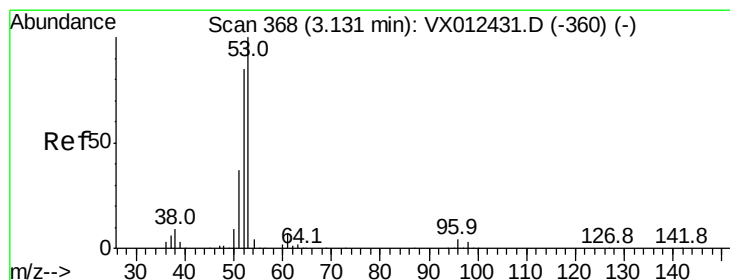
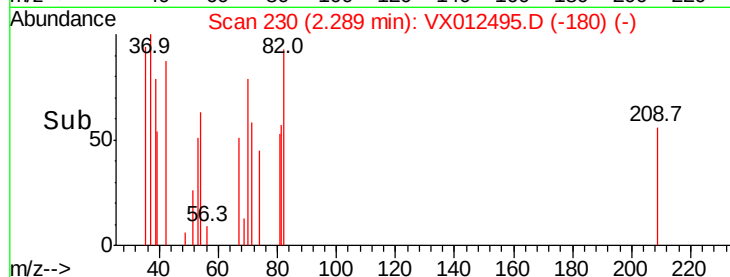
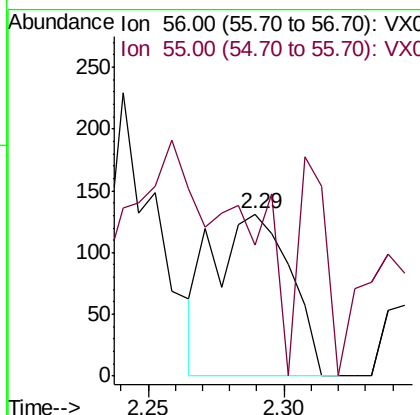
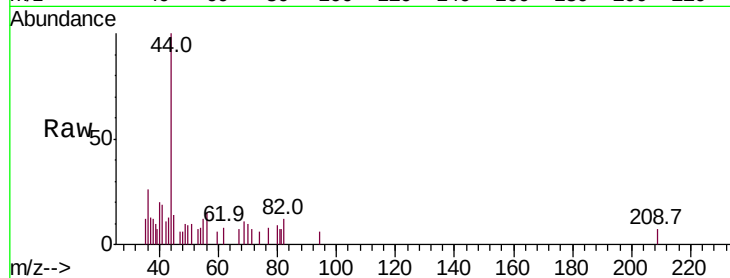




#13
 Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

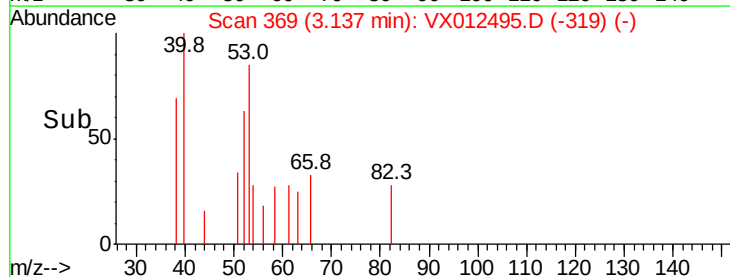
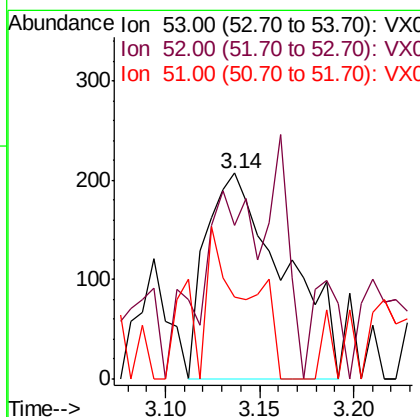
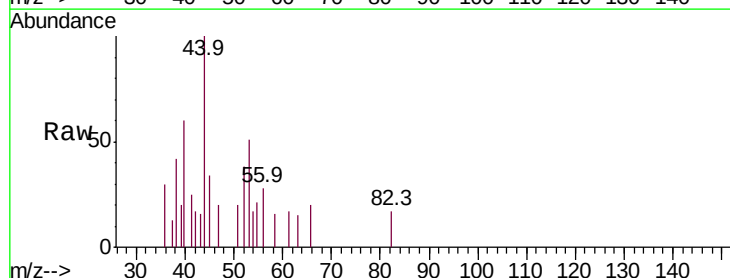
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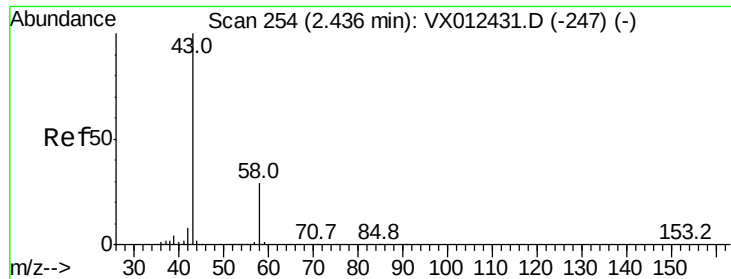
Tot Ion: 56 Resp: 259
 Ion Ratio Lower Upper
 56 100
 55 46.7 55.8 83.8#



#15
 Acrylonitrile
 Concen: 0.504 ug/l
 RT: 3.14 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

Tgt Ion: 53 Resp: 597
 Ion Ratio Lower Upper
 53 100
 52 62.6 67.0 100.4#
 51 36.9 29.6 44.4





#16

Acetone

Concen: 7.539 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

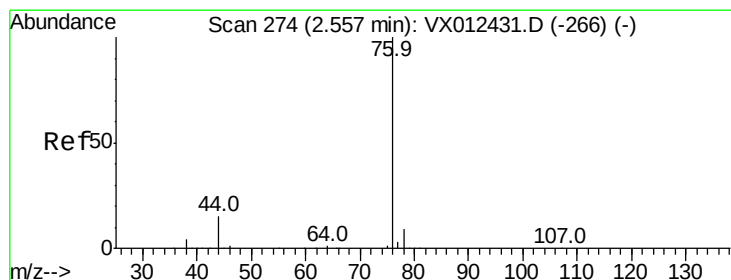
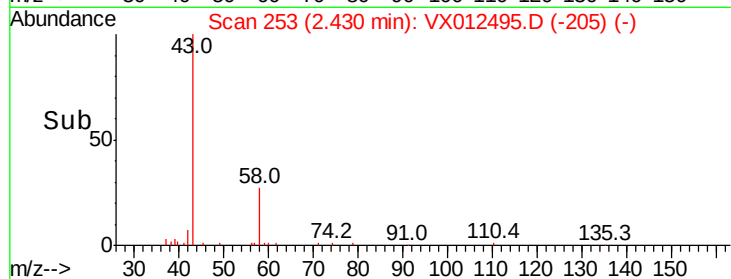
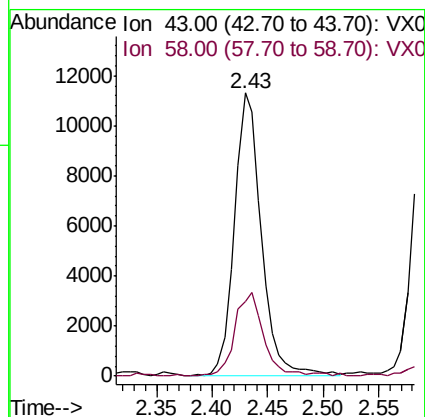
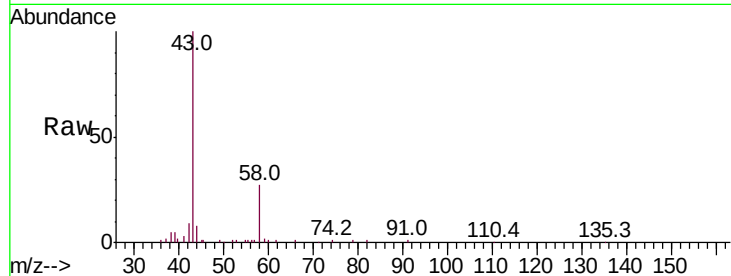
TB01-20190909RE

Tot Ion: 43 Resp: 19045

Ion Ratio Lower Upper

43 100

58 26.6 23.3 34.9



#17

Carbon Disulfide

Concen: 2.195 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012495.D

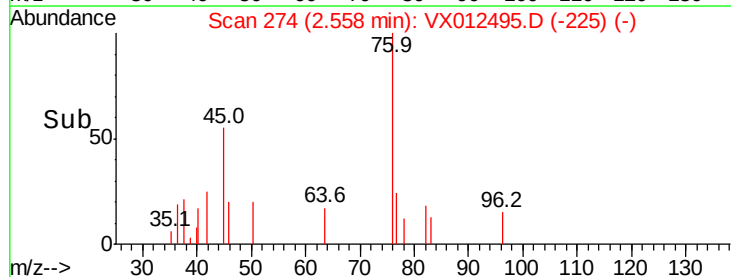
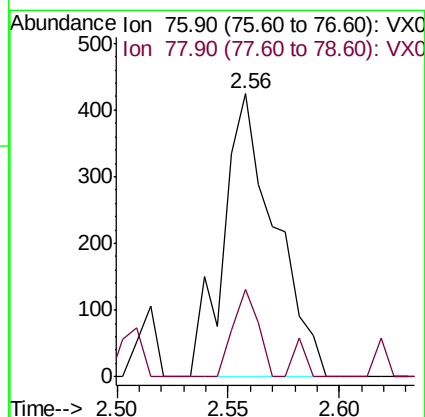
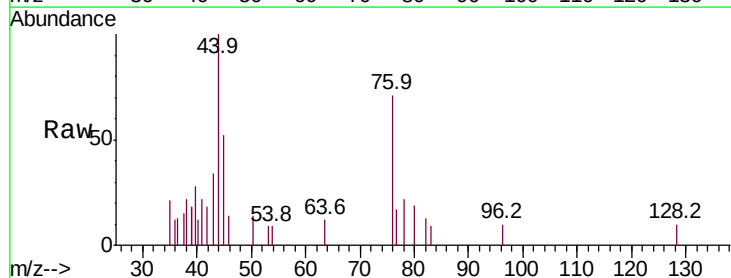
Acq: 19 Sep 2019 00:21

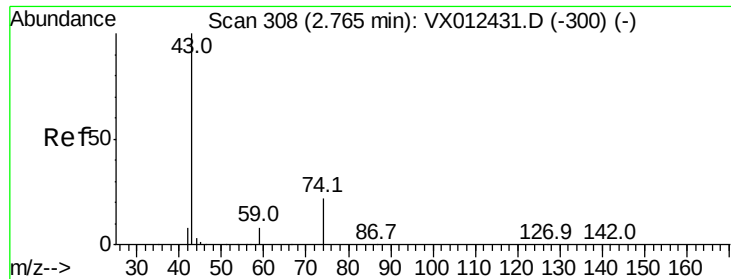
Tgt Ion: 76 Resp: 683

Ion Ratio Lower Upper

76 100

78 30.9 7.3 10.9#





#18

Methyl Acetate

Concen: 8.402 ug/l

RT: 2.59 min Scan# 280

Delta R.T. -0.17 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

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ClientSampleId :

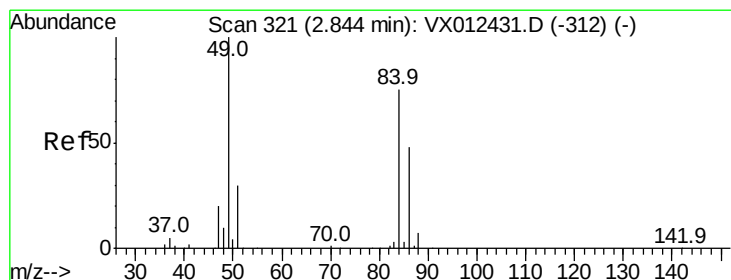
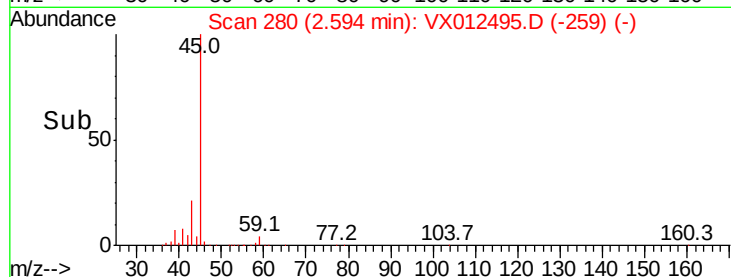
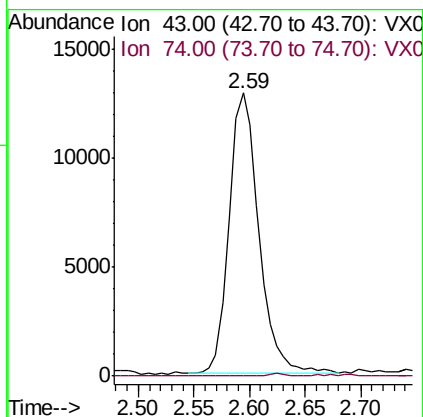
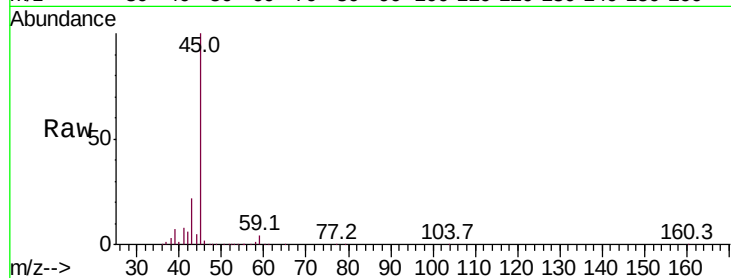
TB01-20190909RE

Tot Ion: 43 Resp: 23914

Ion Ratio Lower Upper

43 100

74 0.0 17.7 26.5#



#20

Methylene Chloride

Concen: 1.850 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Tgt Ion: 84 Resp: 3059

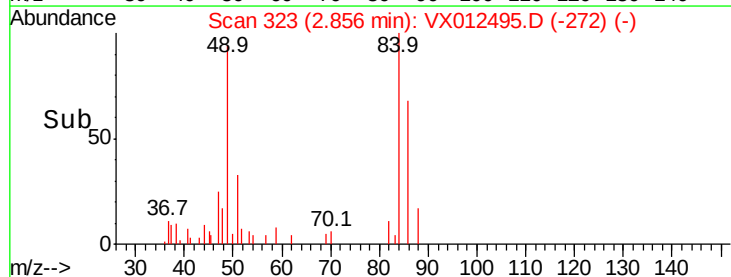
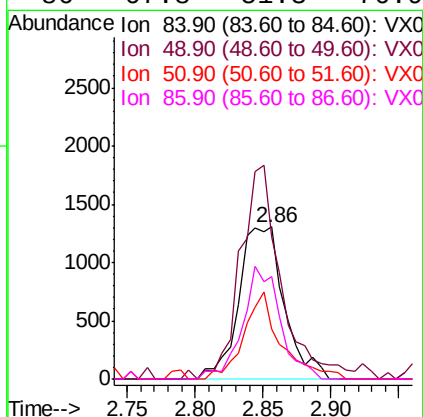
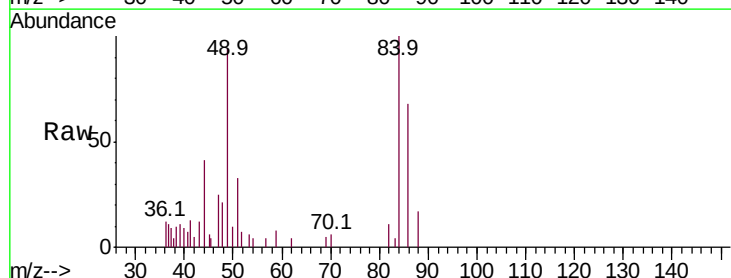
Ion Ratio Lower Upper

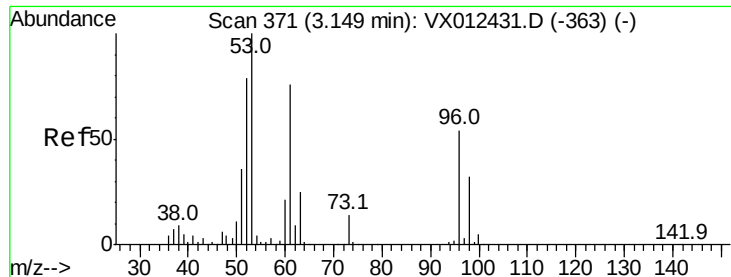
84 100

49 87.8 106.8 160.2#

51 33.1 32.3 48.5

86 67.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.256 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190909RE

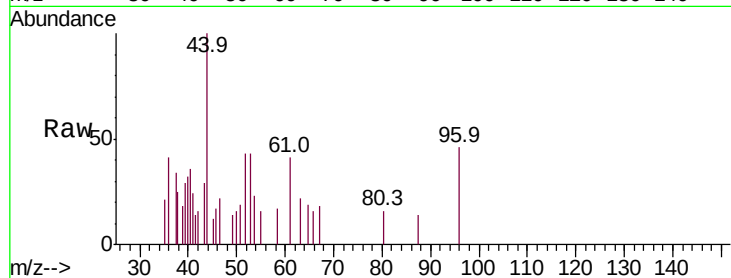
Tot Ion: 96 Resp: 319

Ion Ratio Lower Upper

96 100

61 89.6 112.0 168.0#

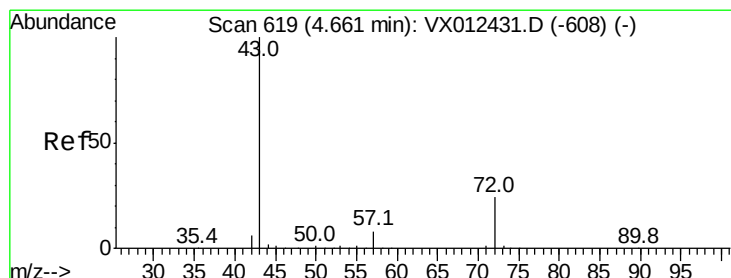
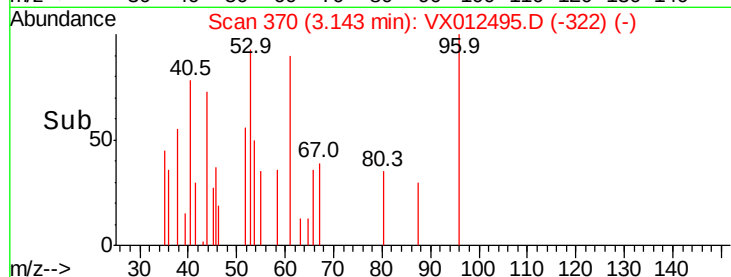
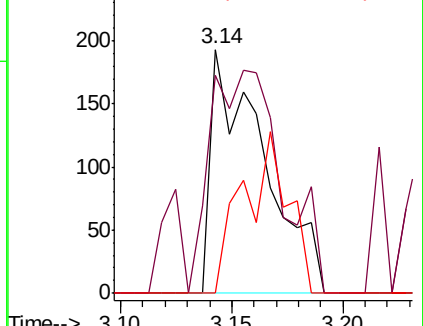
98 0.0 47.8 71.8#



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: 1.602 ug/l

RT: 4.69 min Scan# 624

Delta R.T. 0.03 min

Lab File: VX012495.D

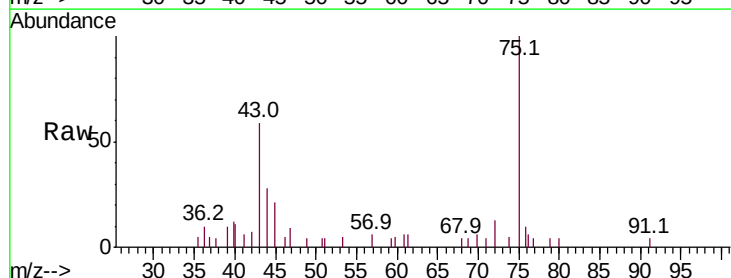
Acq: 19 Sep 2019 00:21

Tgt Ion: 43 Resp: 3036

Ion Ratio Lower Upper

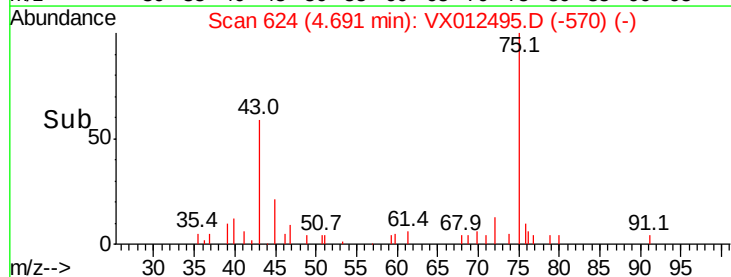
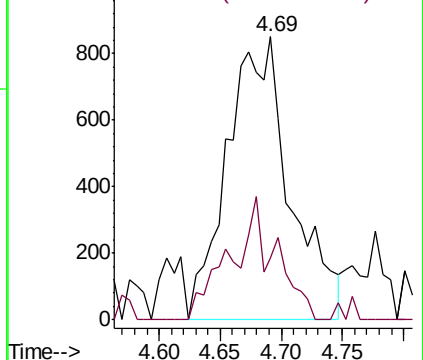
43 100

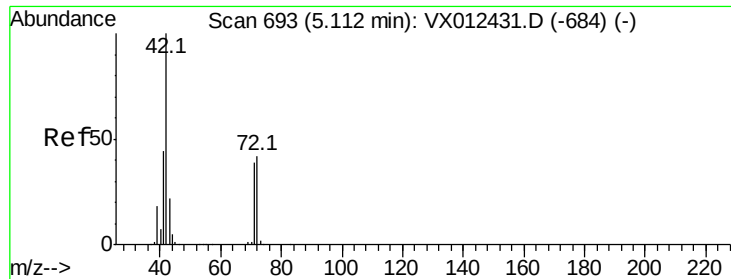
72 22.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

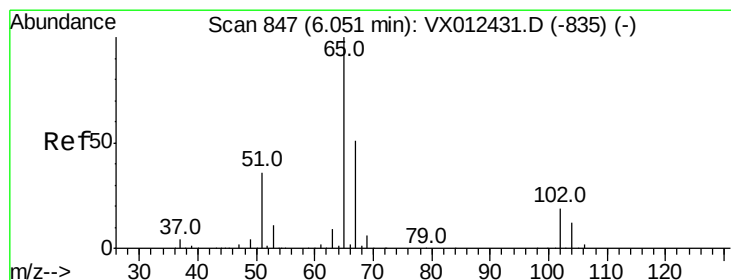
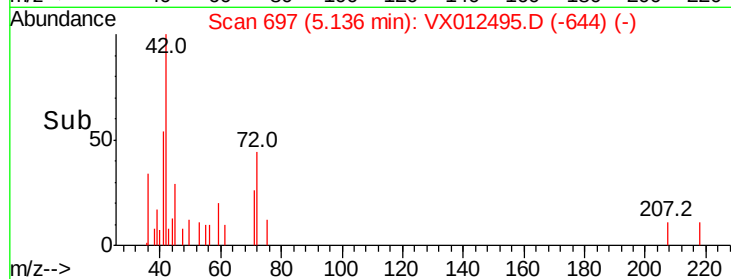
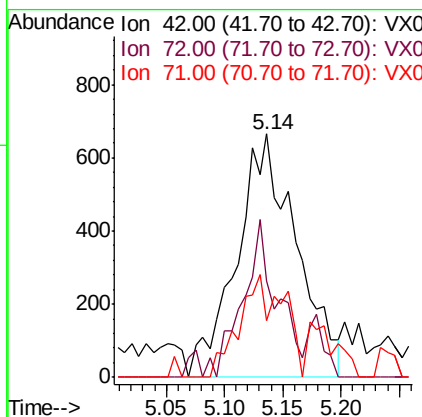
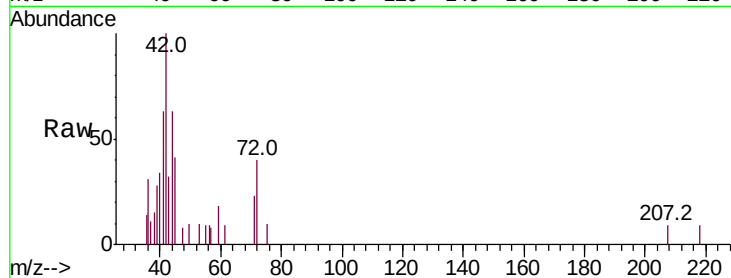




#29
Tetrahydrofuran
Concen: 2.267 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012495.D
Acq: 19 Sep 2019 00:21

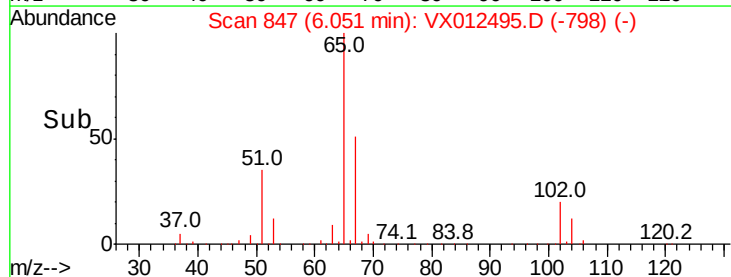
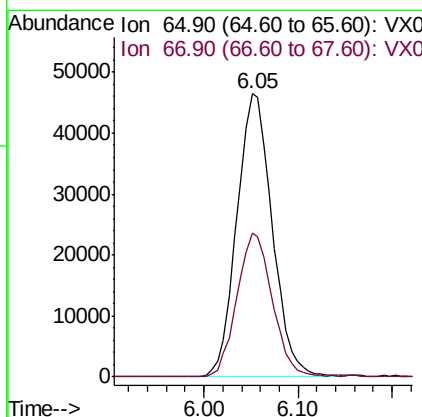
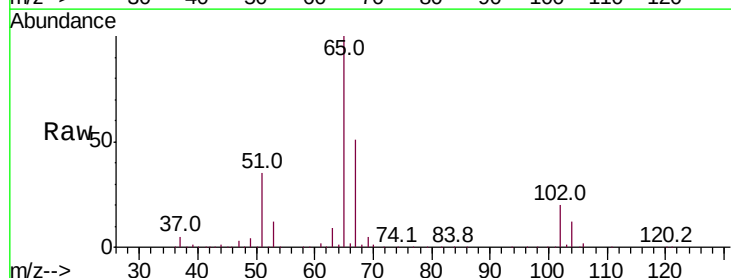
Instrument :
MSVOA_X
ClientSampleId :
TB01-20190909RE

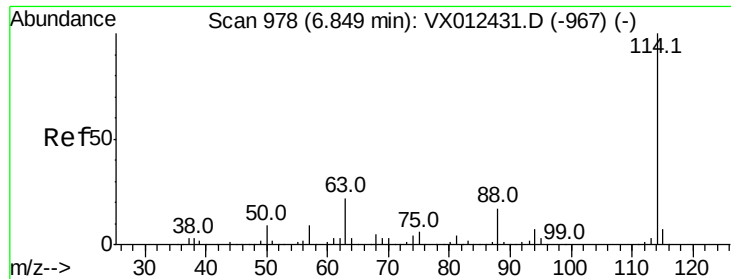
Tot Ion: 42 Resp: 2373
Ion Ratio Lower Upper
42 100
72 37.5 34.0 51.0
71 19.2 31.5 47.3#



#33
1,2-Dichloroethane-d4
Concen: 44.701 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012495.D
Acq: 19 Sep 2019 00:21

Tgt Ion: 65 Resp: 122100
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190909RE

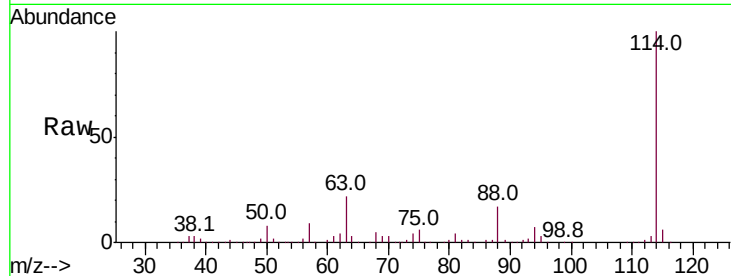
Tot Ion:114 Resp: 293581

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

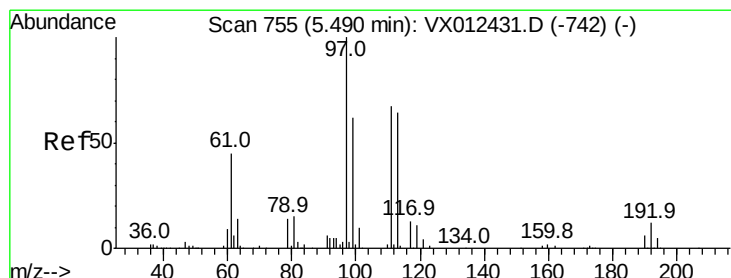
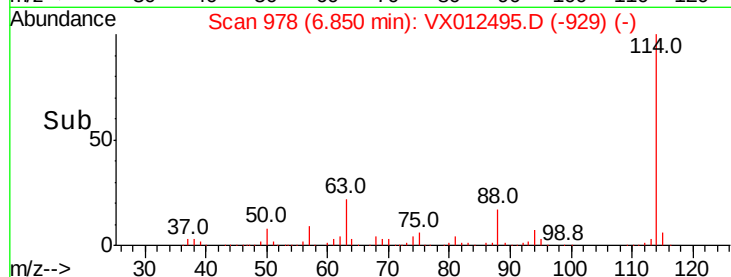
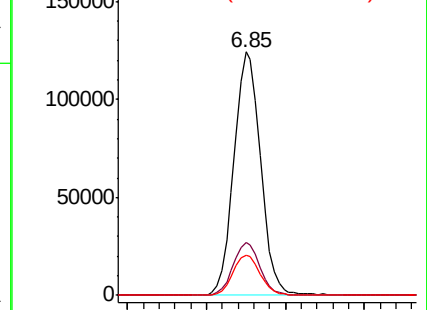
88 16.7 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.507 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

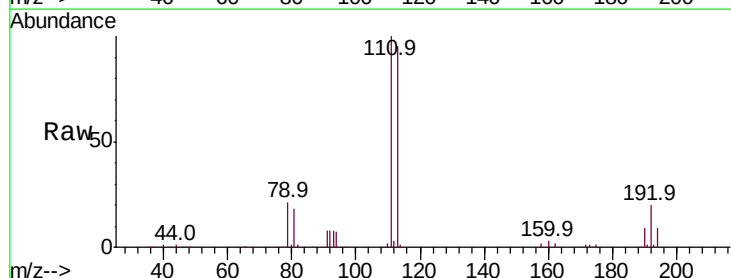
Tgt Ion:113 Resp: 87971

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

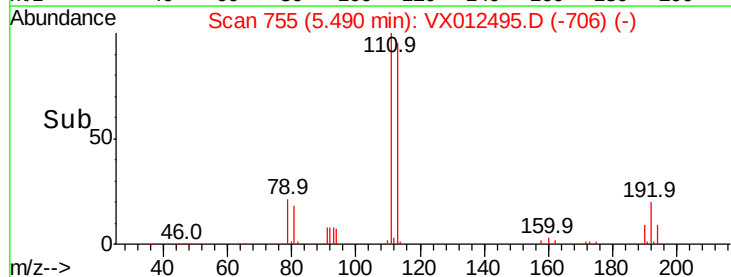
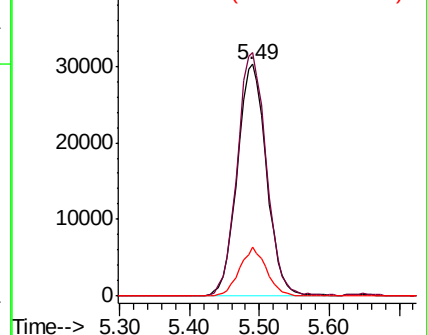
192 19.3 14.4 21.6

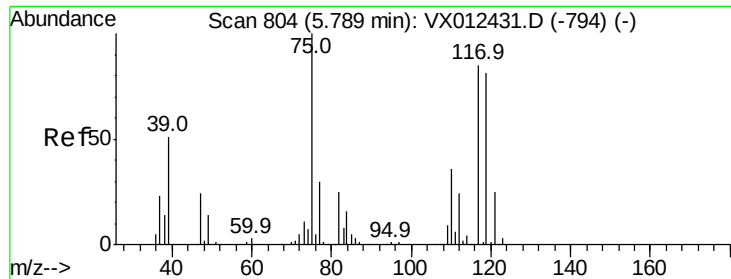


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

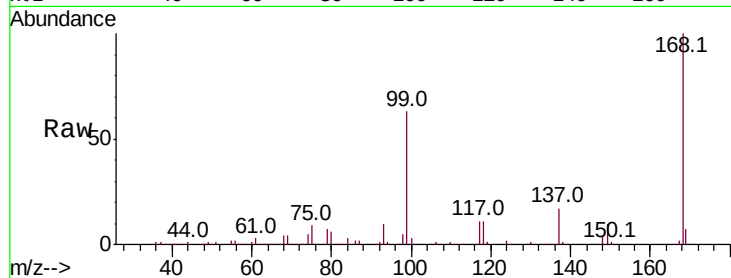




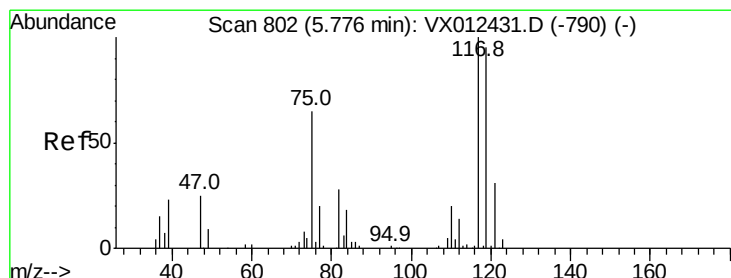
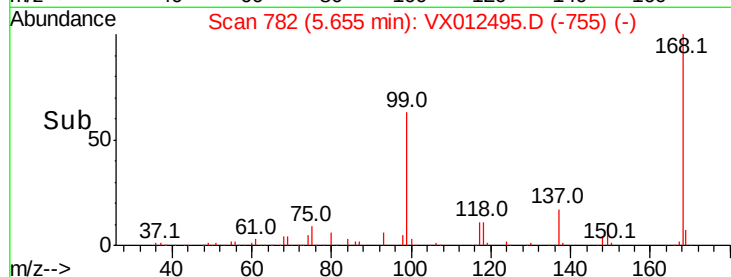
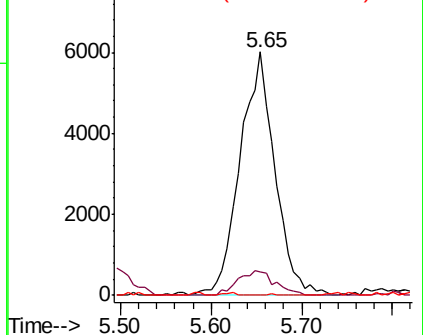
#36
 1,1-Dichloropropene
 Concen: 8.924 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190909RE

Tot Ion: 75 Resp: 15922
 Ion Ratio Lower Upper
 75 100
 110 10.9 16.7 50.0#
 77 0.1 24.2 36.2#

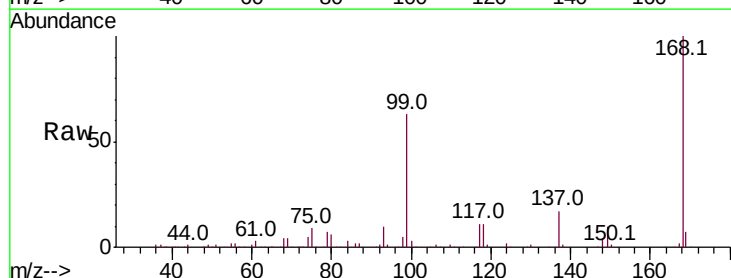


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

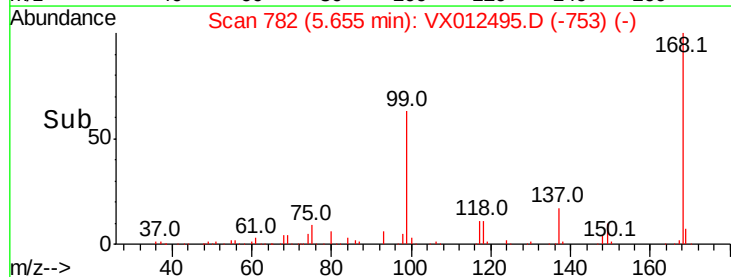
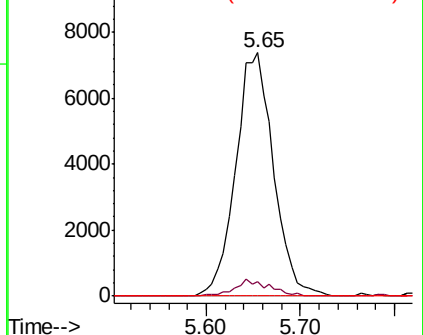


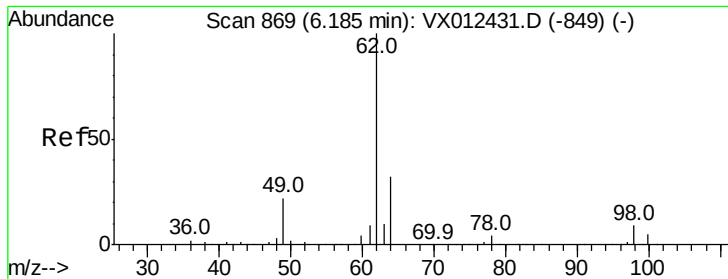
#38
 Carbon Tetrachloride
 Concen: 9.315 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

Tgt Ion: 117 Resp: 20672
 Ion Ratio Lower Upper
 117 100
 119 5.9 75.7 113.5#
 121 0.0 24.2 36.4#



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: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

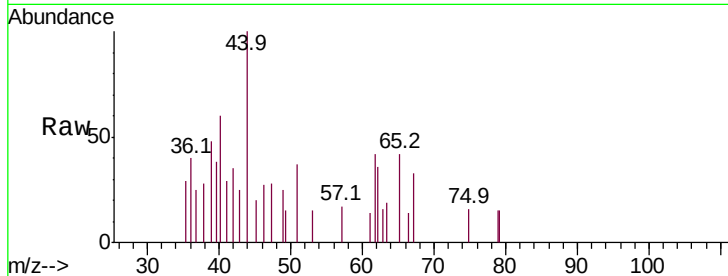
TB01-20190909RE

Tot Ion: 62 Resp: 596

Ion Ratio Lower Upper

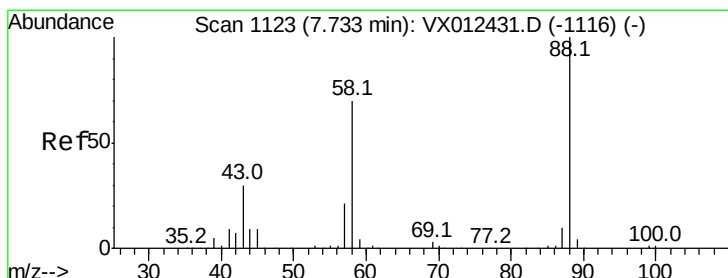
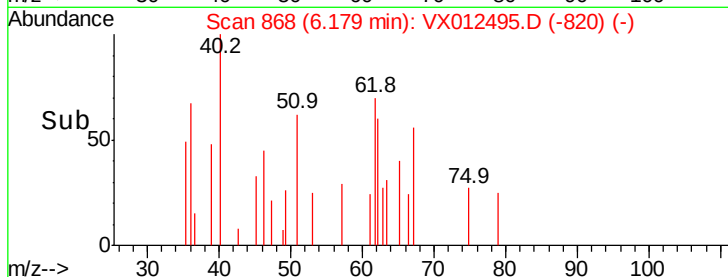
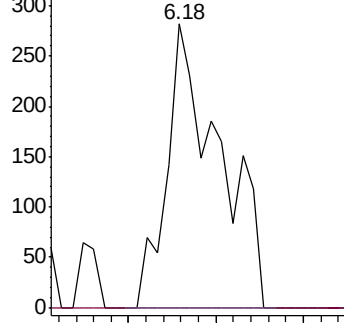
62 100

98 0.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#49

1,4-Dioxane

Concen: 0.798 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.03 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

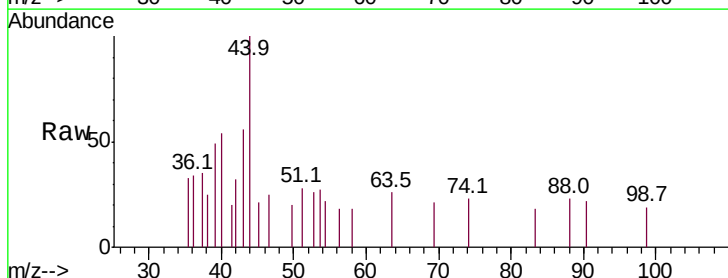
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 942.2 29.4 44.0#

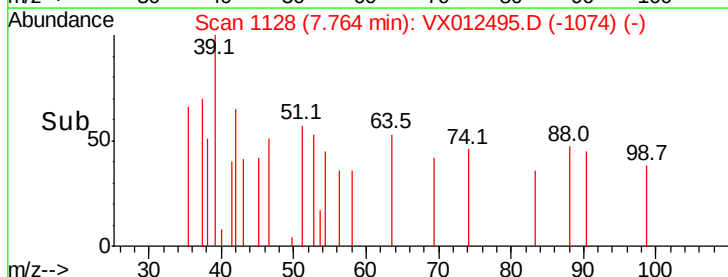
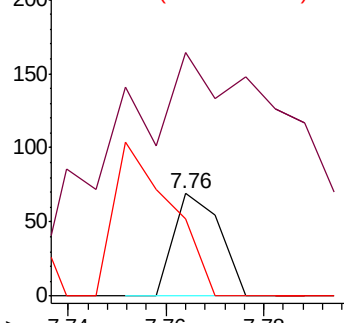
58 184.4 57.5 86.3#

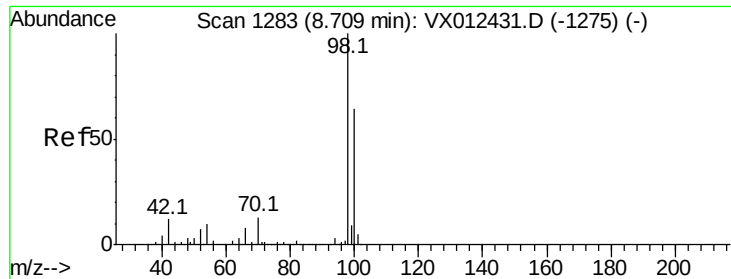


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

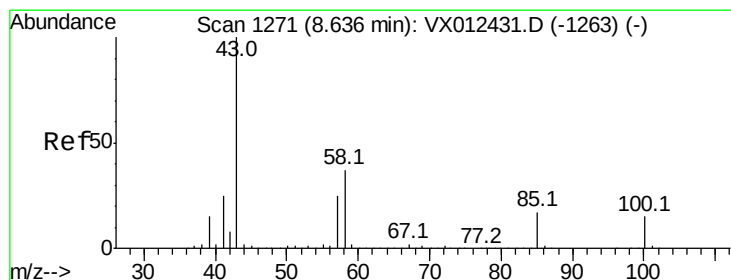
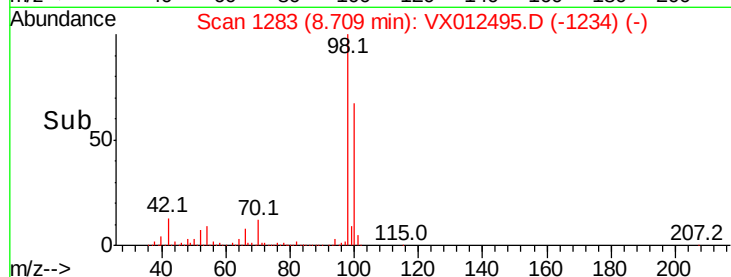
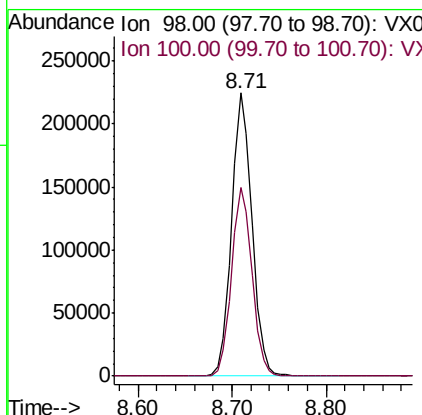
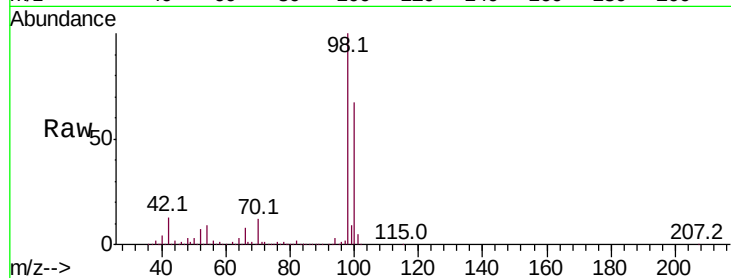




#50
Toluene-d8
Concen: 51.246 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012495.D
Acq: 19 Sep 2019 00:21

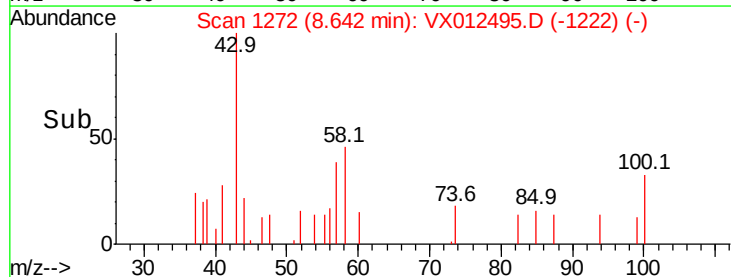
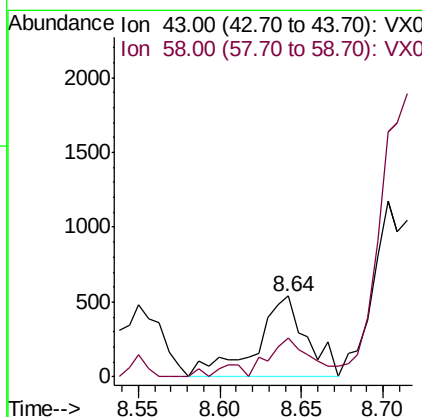
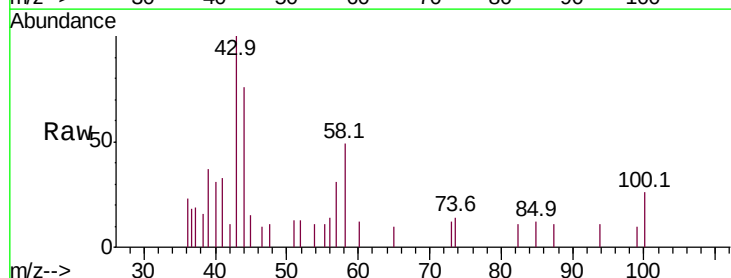
Instrument :
MSVOA_X
ClientSampleId :
TB01-20190909RE

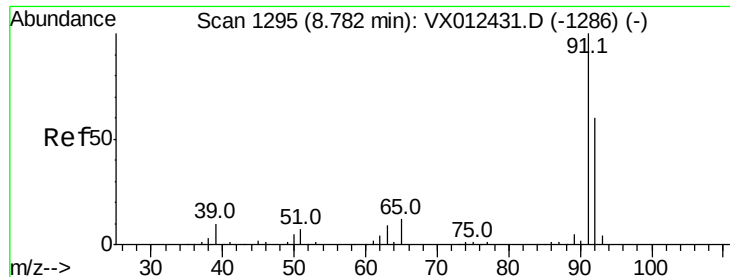
Tot Ion: 98 Resp: 337052
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.359 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX012495.D
Acq: 19 Sep 2019 00:21

Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
58 38.2 29.8 44.6





#52

Toluene

Concen: 0.248 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

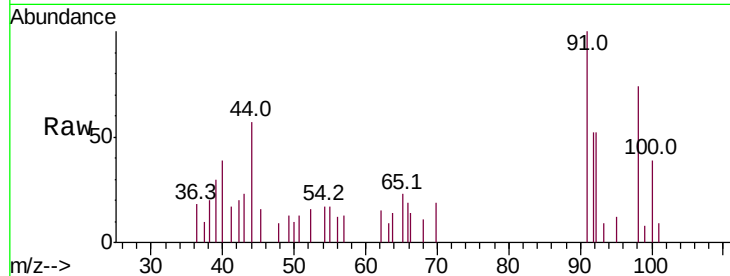
TB01-20190909RE

Tot Ion: 92 Resp: 905

Ion Ratio Lower Upper

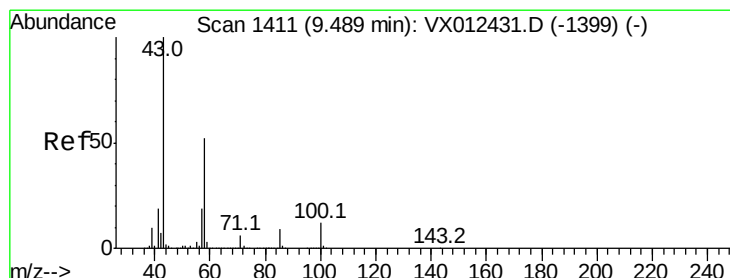
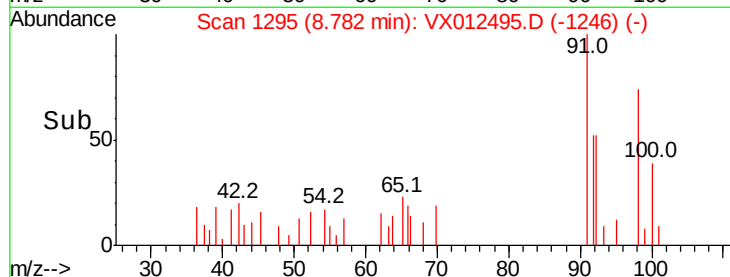
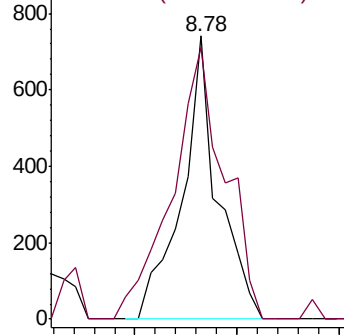
92 100

91 141.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.221 ug/l

RT: 9.51 min Scan# 1414

Delta R.T. 0.02 min

Lab File: VX012495.D

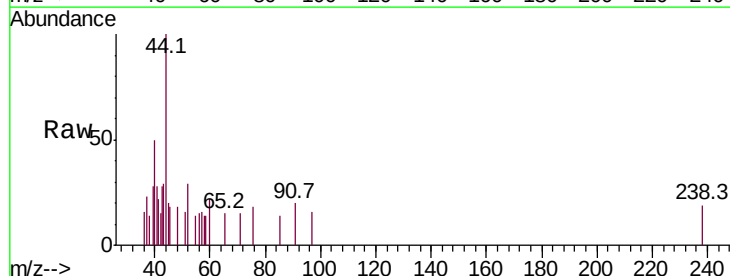
Acq: 19 Sep 2019 00:21

Tgt Ion: 43 Resp: 555

Ion Ratio Lower Upper

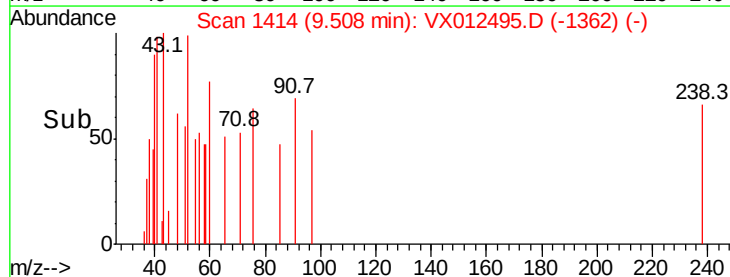
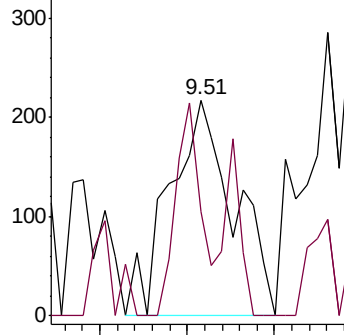
43 100

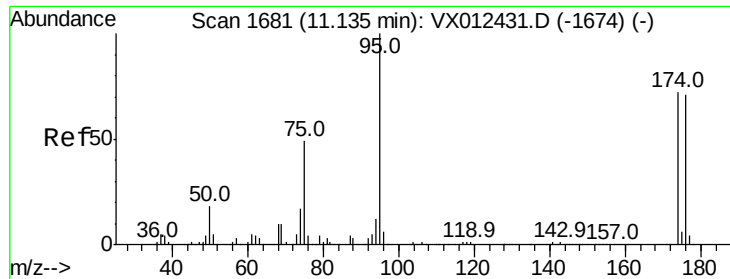
58 38.6 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.774 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190909RE

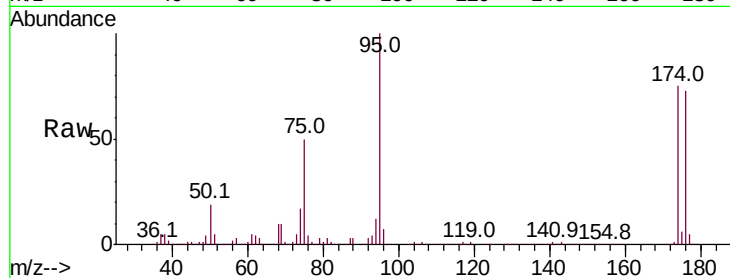
Tot Ion: 95 Resp: 111349

Ion Ratio Lower Upper

95 100

174 72.8 0.0 140.0

176 70.2 0.0 135.4

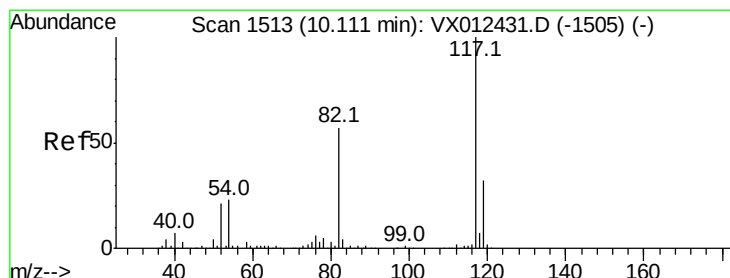
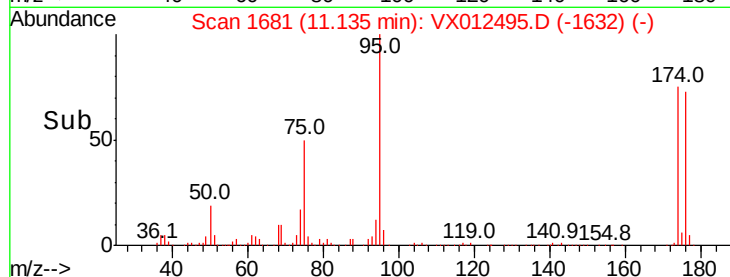


Abundance Ion 94.90 (94.60 to 95.60): VX012431.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012431.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012431.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

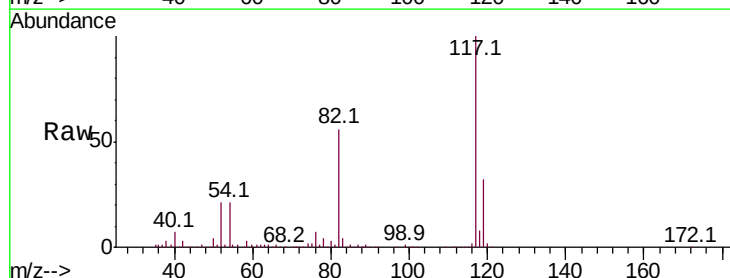
Tgt Ion: 117 Resp: 240798

Ion Ratio Lower Upper

117 100

82 56.0 45.9 68.9

119 31.6 25.3 37.9

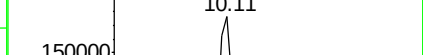
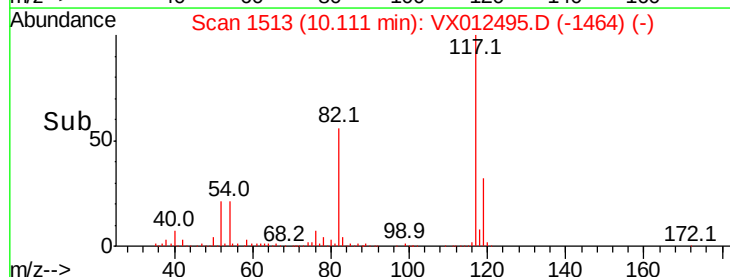


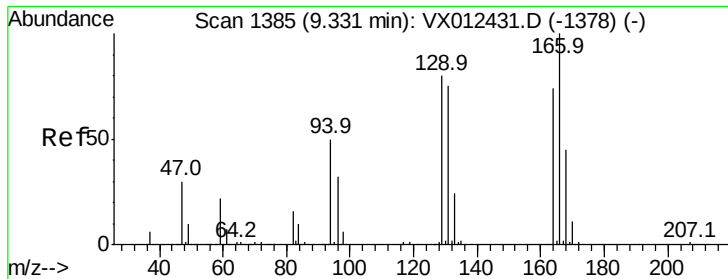
Abundance Ion 116.90 (116.60 to 117.60): VX012431.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012431.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012431.D (-1505) (-)

Time-->





#64

Tetrachloroethene

Concen: 0.209 ug/l

RT: 9.32 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190909RE

Tot Ion:164 Resp: 231

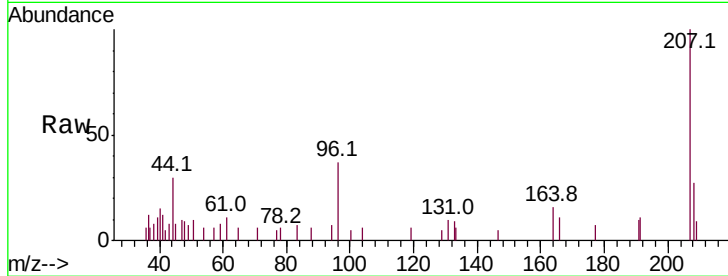
Ion Ratio Lower Upper

164 100

166 69.4 107.8 161.6#

129 30.0 86.2 129.2#

131 62.9 80.4 120.6#

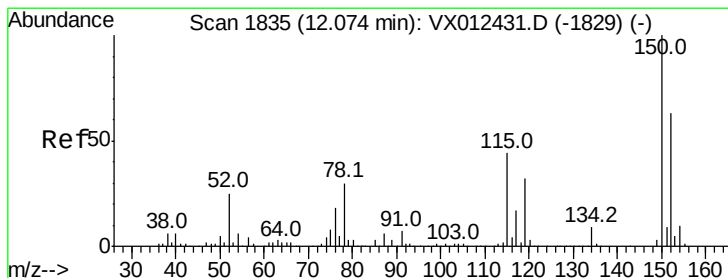
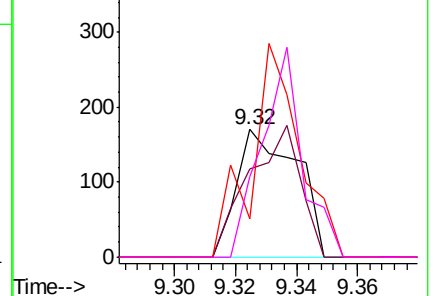
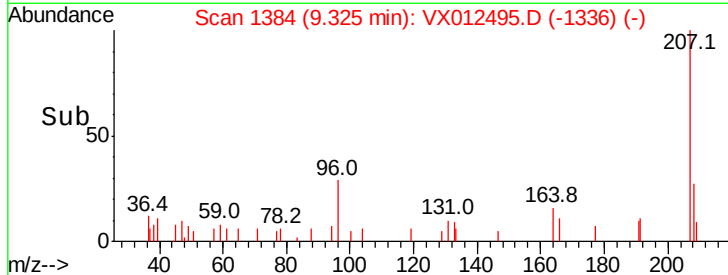


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

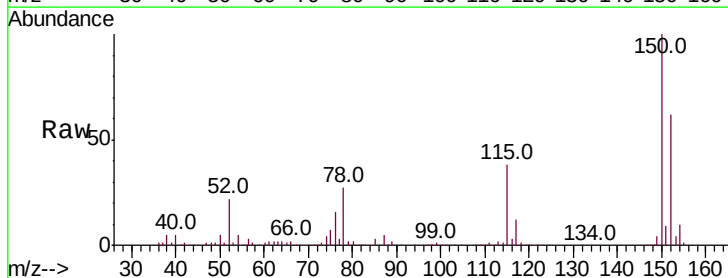
Tgt Ion:152 Resp: 86057

Ion Ratio Lower Upper

152 100

115 62.9 44.1 132.3

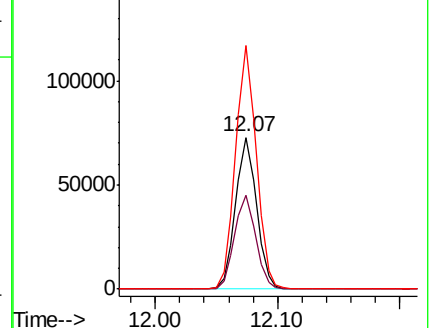
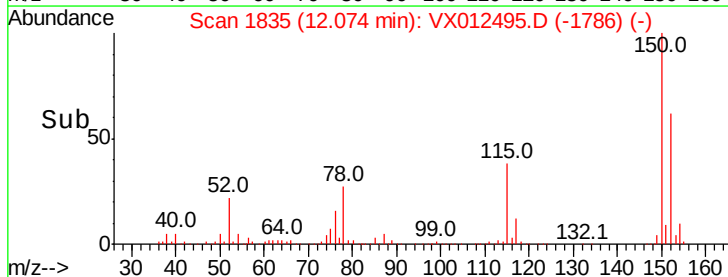
150 159.4 0.0 343.8

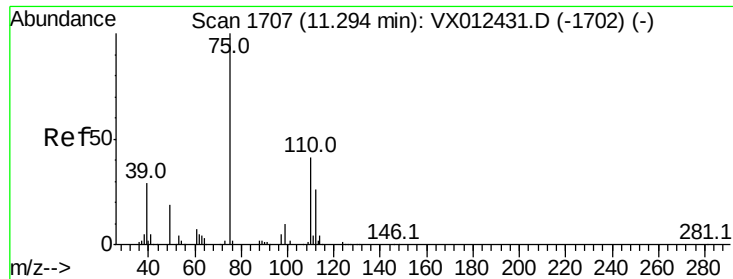


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.159 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

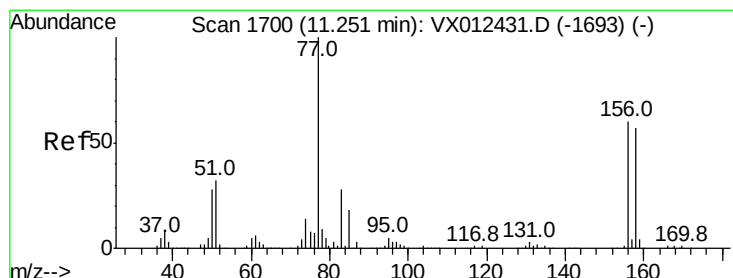
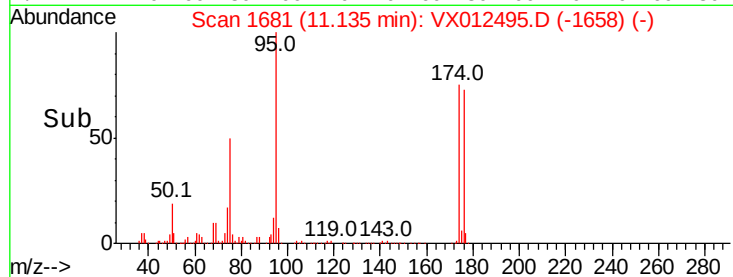
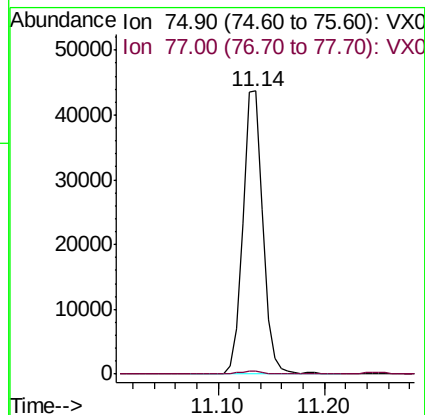
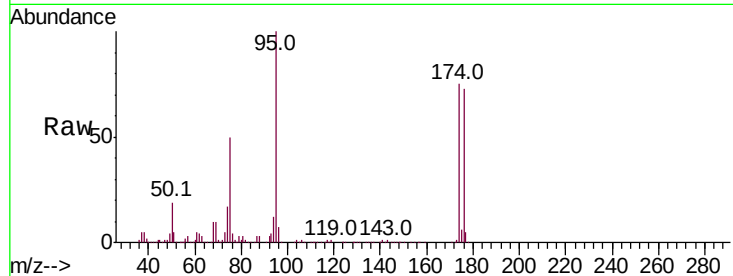
TB01-20190909RE

Tot Ion: 75 Resp: 57641

Ion Ratio Lower Upper

75 100

77 1.3 19.7 59.0#



#77

Bromobenzene

Concen: 0.200 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

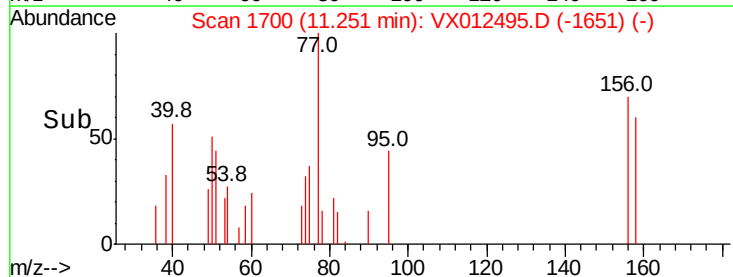
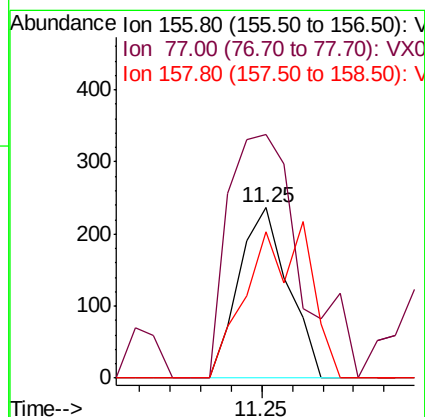
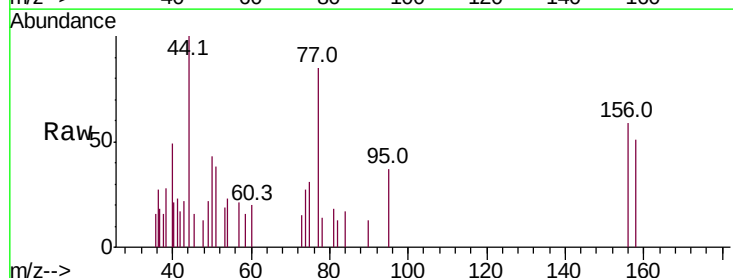
Tgt Ion: 156 Resp: 264

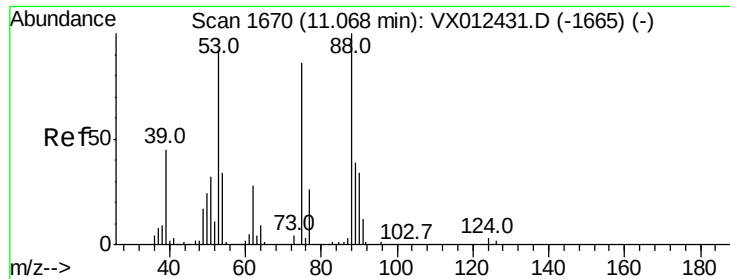
Ion Ratio Lower Upper

156 100

77 210.6 87.3 261.8

158 112.9 48.5 145.6





#81

trans-1,4-Dichloro-2-butene

Concen: 78.191 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190909RE

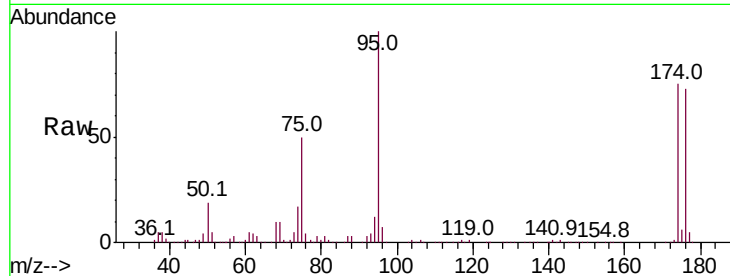
Tot Ion: 75 Resp: 57641

Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

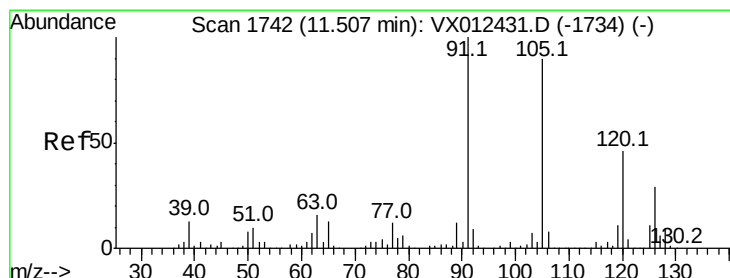
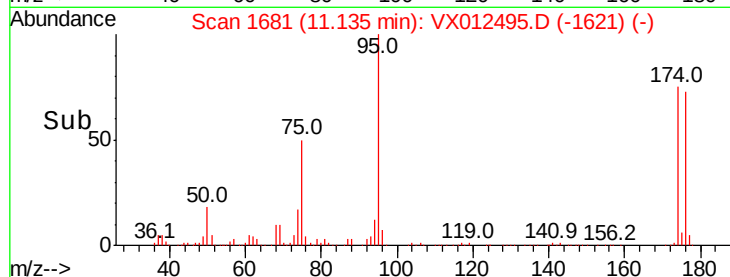
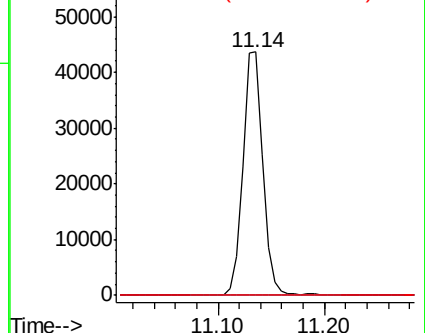
89 0.0 36.3 54.5#



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



#82

4-Chlorotoluene

Concen: 0.229 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012495.D

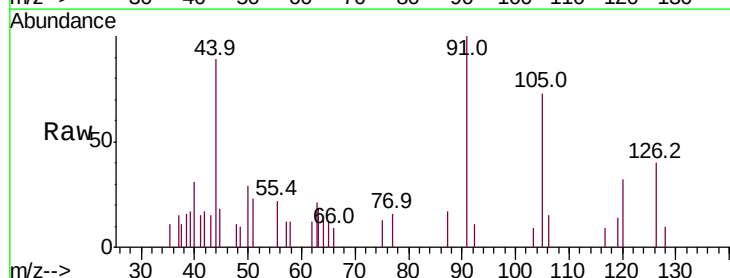
Acq: 19 Sep 2019 00:21

Tgt Ion: 91 Resp: 1031

Ion Ratio Lower Upper

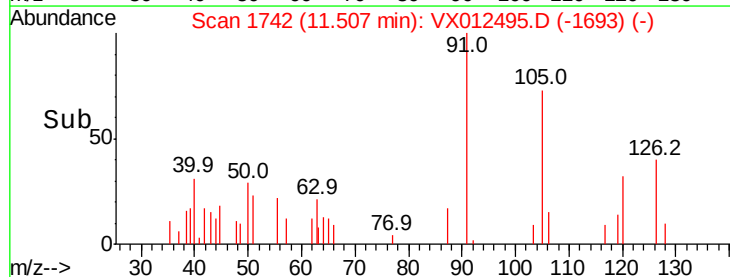
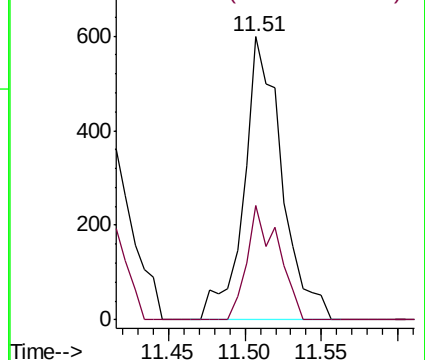
91 100

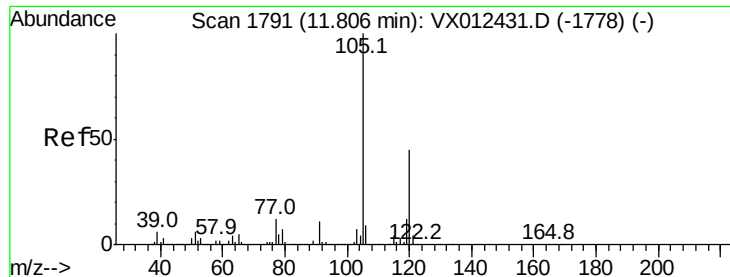
126 33.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

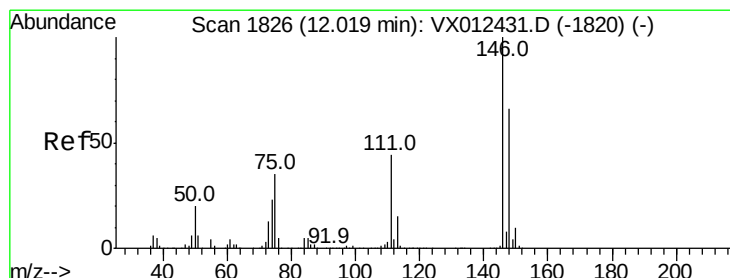
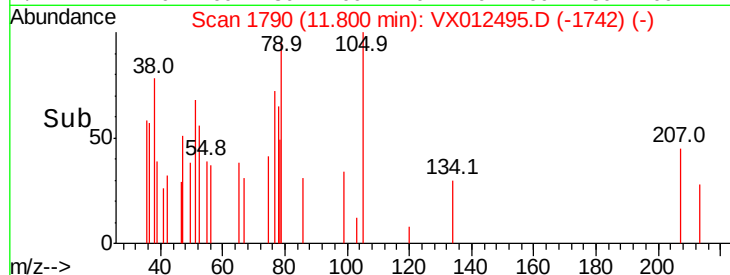
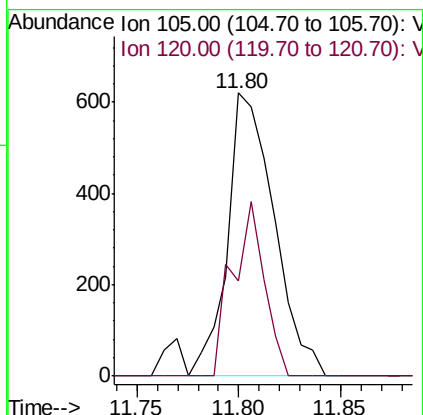
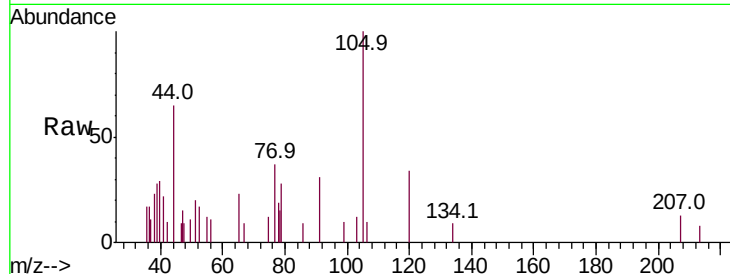




#84
 1,2,4-Trimethylbenzene
 Concen: 0.207 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

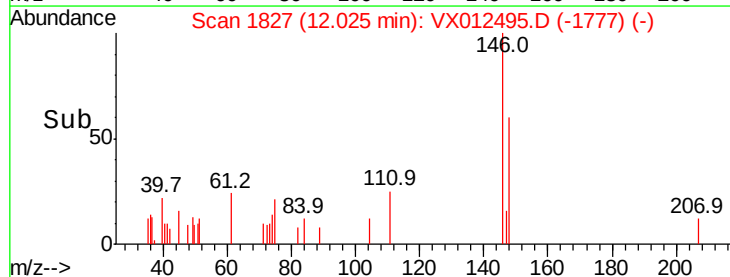
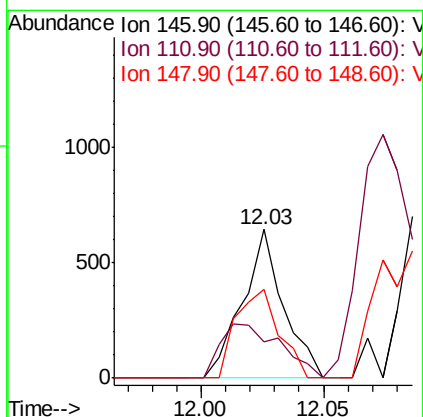
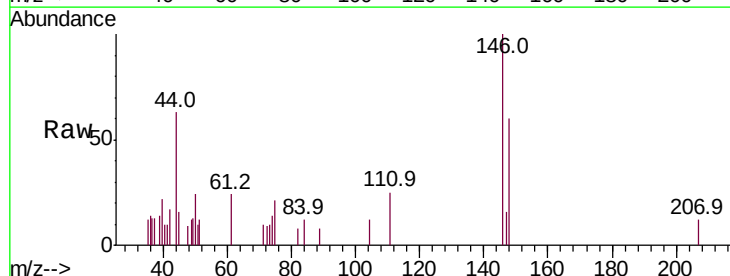
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190909RE

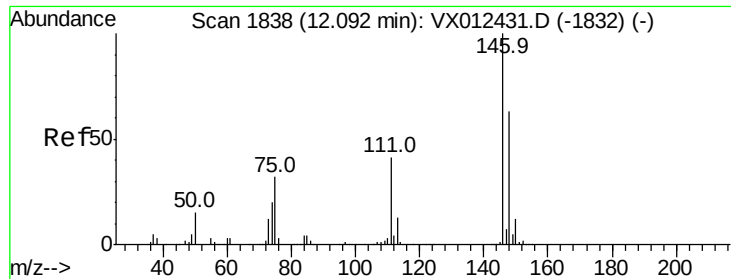
Tot Ion:105 Resp: 981
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.2 66.6



#87
 1,3-Dichlorobenzene
 Concen: 0.304 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

Tgt Ion:146 Resp: 752
 Ion Ratio Lower Upper
 146 100
 111 53.5 21.3 64.0
 148 62.5 32.4 97.2

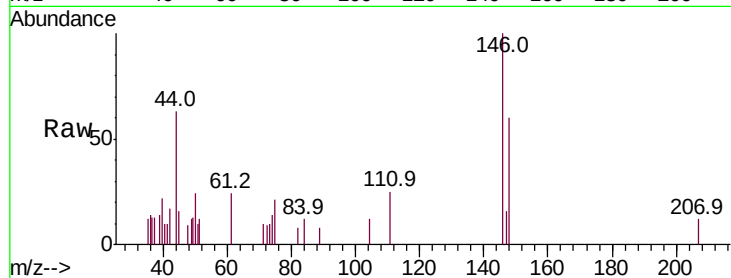




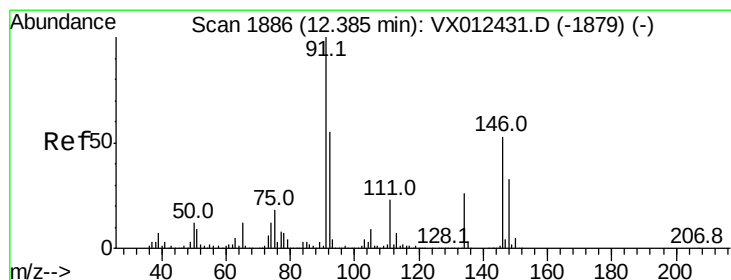
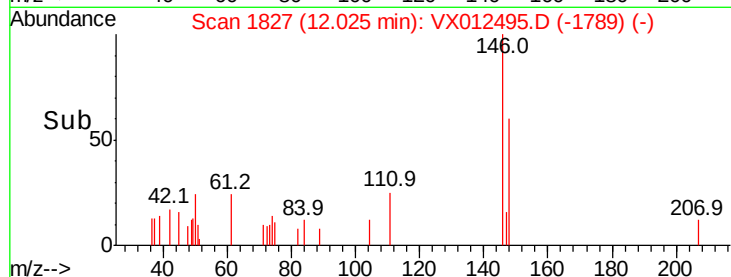
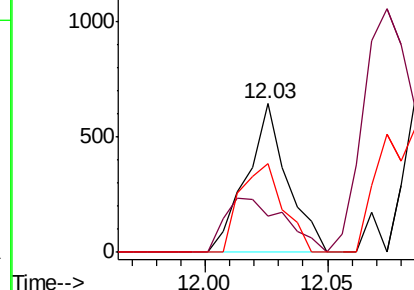
#88
 1,4-Dichlorobenzene
 Concen: 0.296 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. -0.07 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190909RE

Tot Ion:146 Resp: 752
 Ion Ratio Lower Upper
 146 100
 111 53.5 21.1 63.3
 148 62.5 32.1 96.5

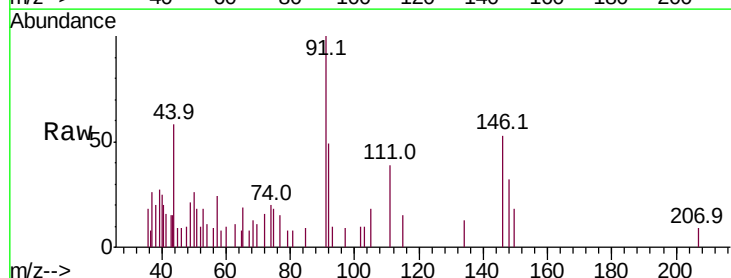


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

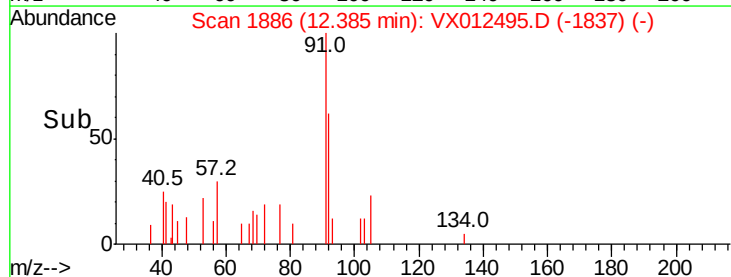
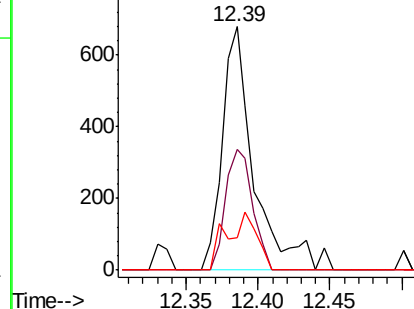


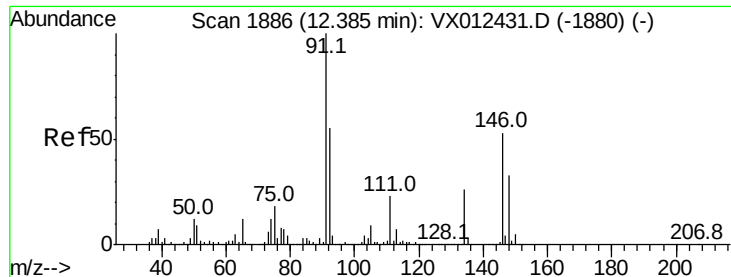
#89
 n-Butylbenzene
 Concen: 0.237 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

Tgt Ion: 91 Resp: 1054
 Ion Ratio Lower Upper
 91 100
 92 42.3 27.7 83.0
 134 22.5 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

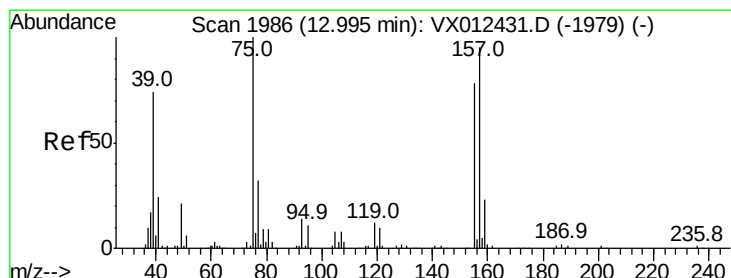
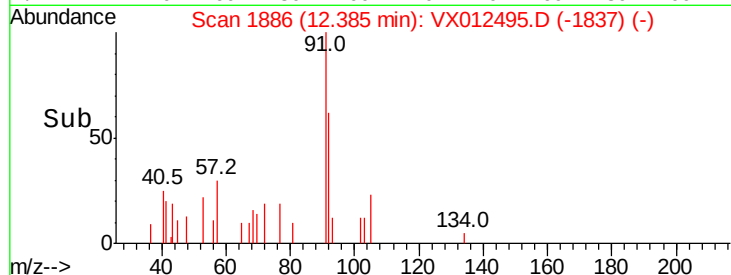
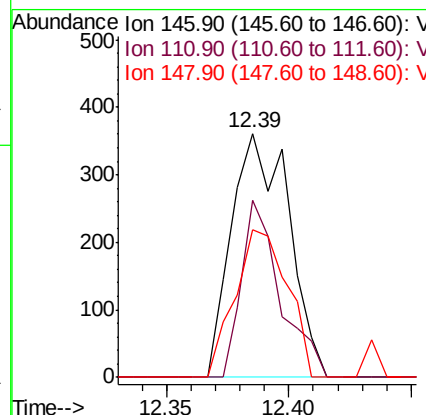
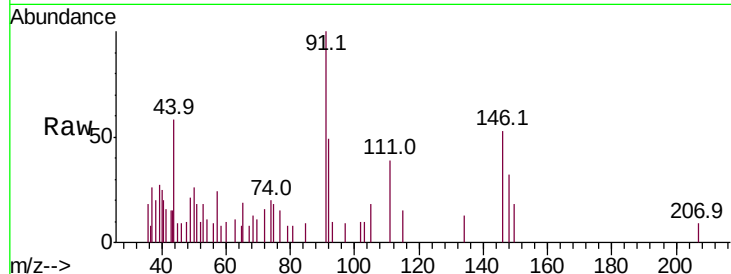




#91
 1,2-Dichlorobenzene
 Concen: 0.228 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

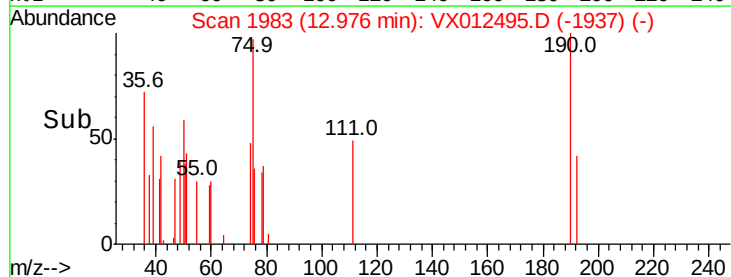
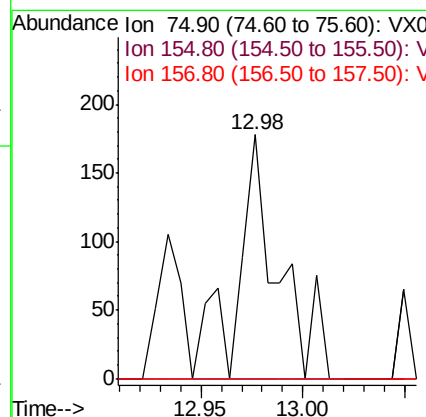
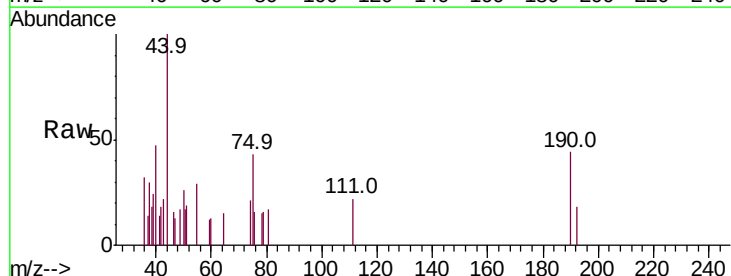
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190909RE

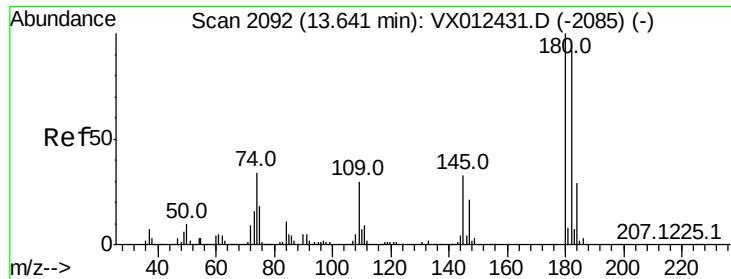
Tot Ion:146 Resp: 590
 Ion Ratio Lower Upper
 146 100
 111 49.0 22.1 66.1
 148 55.4 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.457 ug/l
 RT: 12.98 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: VX012495.D
 Acq: 19 Sep 2019 00:21

Tgt Ion: 75 Resp: 251
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.6 115.8#
 157 0.0 50.6 151.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.386 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190909RE

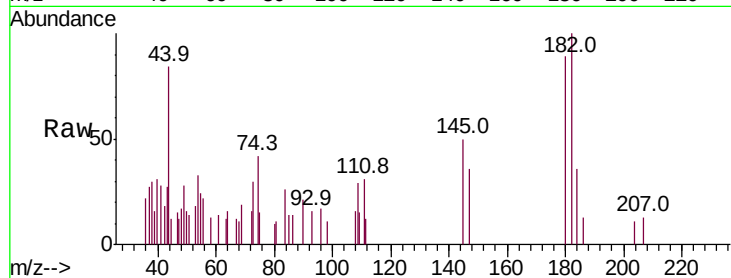
Tot Ion:180 Resp: 644

Ion Ratio Lower Upper

180 100

182 98.1 47.0 141.0

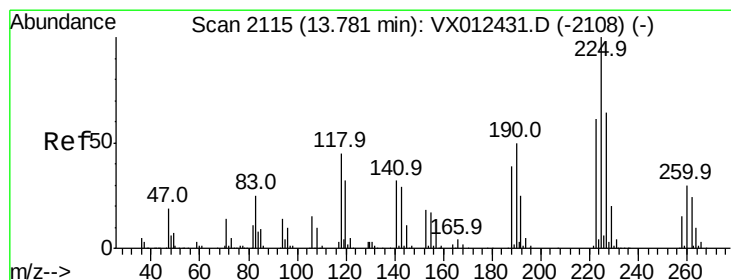
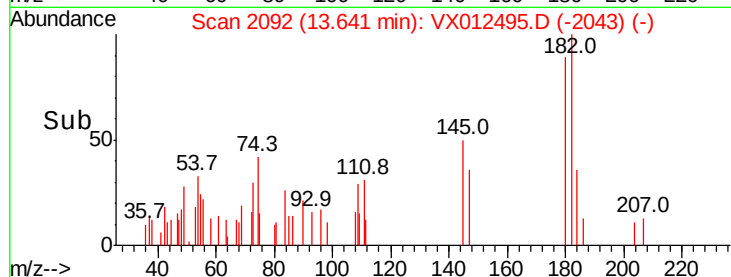
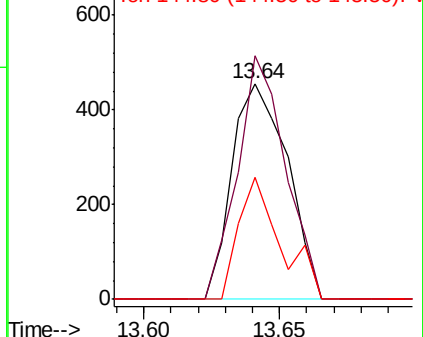
145 42.9 16.8 50.4



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: 0.206 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

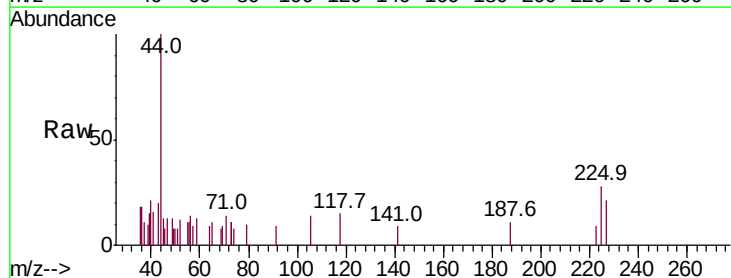
Tgt Ion:225 Resp: 162

Ion Ratio Lower Upper

225 100

223 28.4 32.0 96.2#

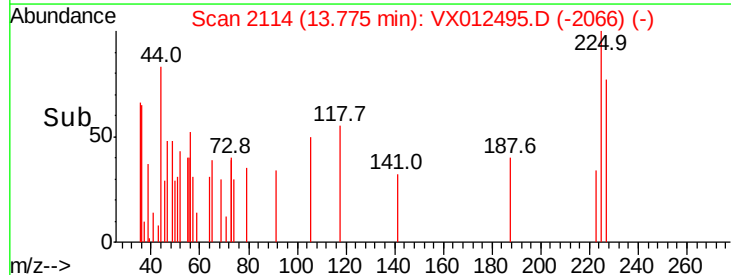
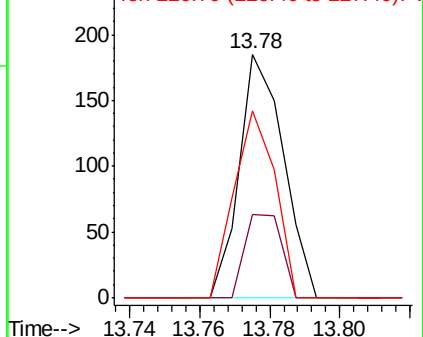
227 71.0 31.9 95.5

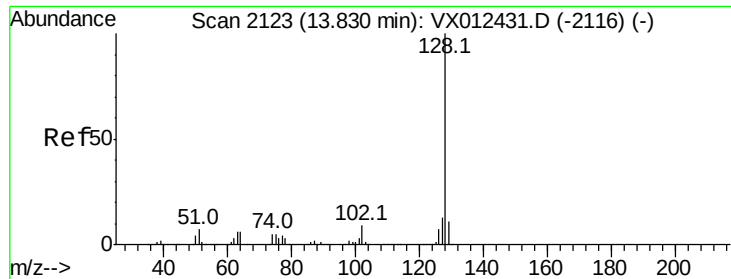


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.325 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190909RE

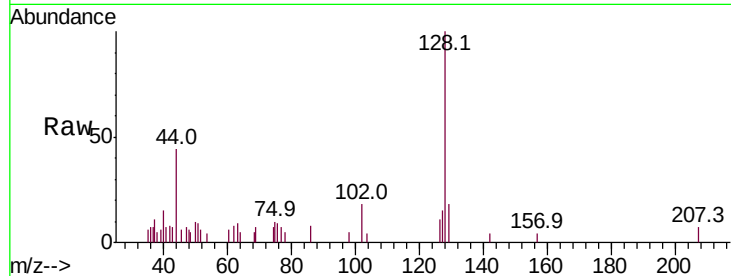
Tot Ion:128 Resp: 1928

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.4

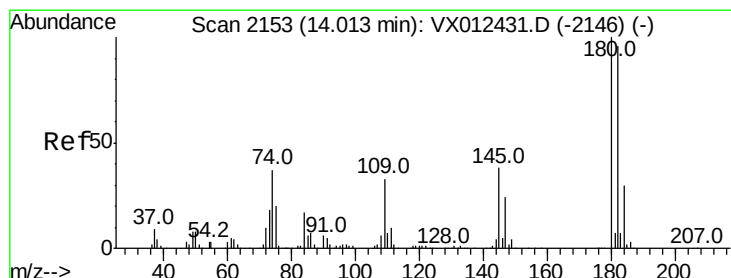
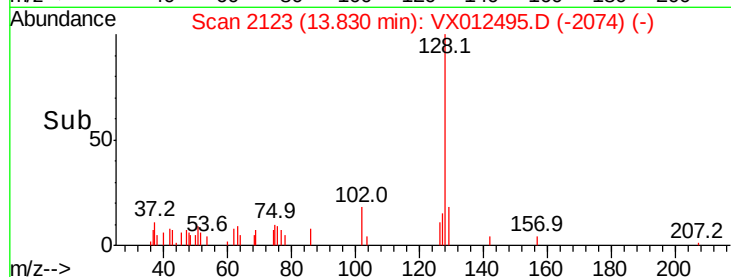
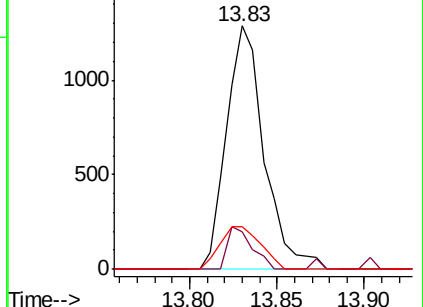
129 18.9 8.8 13.2#



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: 0.406 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012495.D

Acq: 19 Sep 2019 00:21

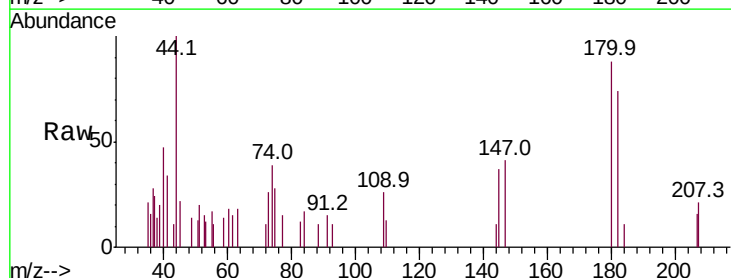
Tgt Ion:180 Resp: 690

Ion Ratio Lower Upper

180 100

182 77.5 47.1 141.3

145 22.6 18.0 54.0



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

