

Data File : VX017252.D
Acq On : 08 Jul 2020 13:59
Operator : JC/SP
Sample : L3239-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200707

Quant Time: Jul 09 02:30:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	246424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	414295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162697	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
35) Dibromofluoromethane	5.46	113	139304	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	8.70	98	502807	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.12	95	205112	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

Target Compounds

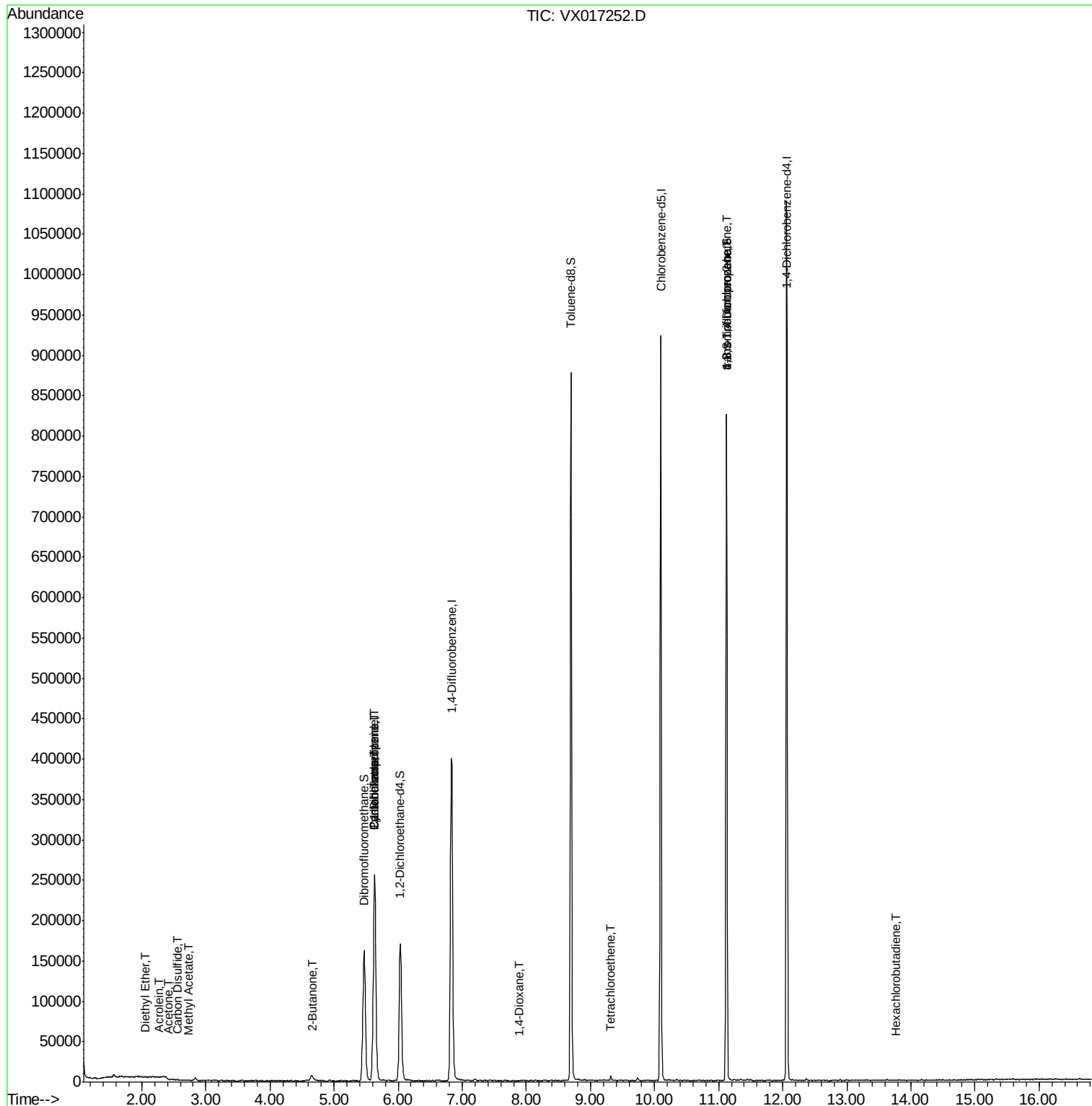
						Qvalue
8) Diethyl Ether	2.06	74	50	0.403	ug/l	69
13) Acrolein	2.27	56	625	1.804	ug/l #	26
16) Acetone	2.42	43	515	0.453	ug/l #	43
17) Carbon Disulfide	2.55	76	1258	0.208	ug/l	99
18) Methyl Acetate	2.74	43	719	0.242	ug/l #	74
20) Methylene Chloride	2.83	84	1156	Below Cal	#	66
25) 2-Butanone	4.65	43	650	0.343	ug/l #	84
31) Cyclohexane	5.63	56	5314	1.296	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	17993	4.595	ug/l #	51
38) Carbon Tetrachloride	5.64	117	24550	5.692	ug/l #	19
44) Trichloroethene	7.19	130	331	Below Cal		87
49) 1,4-Dioxane	7.88	88	31	0.436	ug/l #	1
64) Tetrachloroethene	9.32	164	912	0.267	ug/l #	76
76) 1,2,3-Trichloropropane	11.12	75	100756	22.766	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	100756	58.956	ug/l #	13
88) 1,4-Dichlorobenzene	12.01	146	490	Below Cal		92
94) Hexachlorobutadiene	13.77	225	55	0.875	ug/l #	17

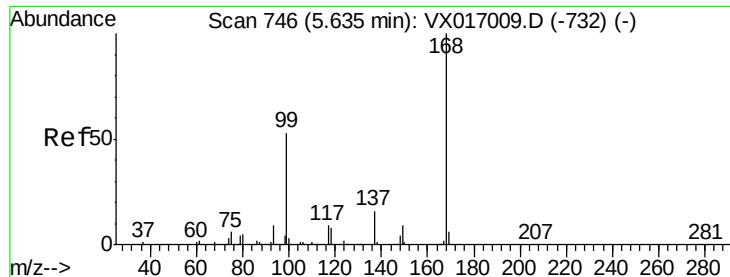
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

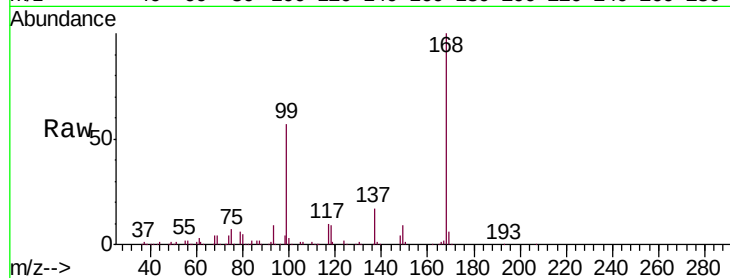
TB-01-200707

Tgt Ion:168 Resp: 246424

Ion Ratio Lower Upper

168 100

99 56.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

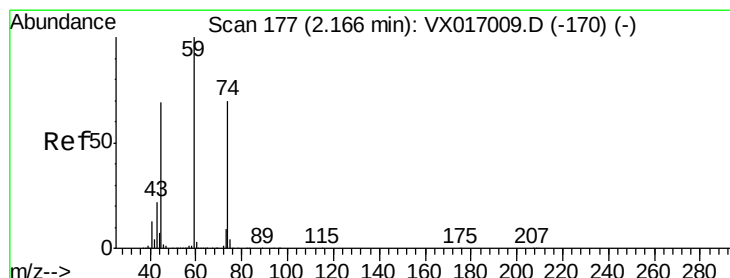
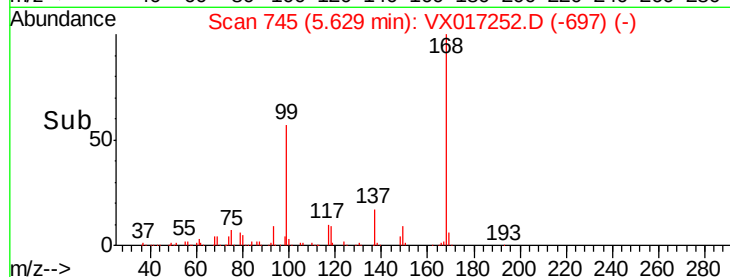
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 0.403 ug/l

RT: 2.06 min Scan# 159

Delta R.T. -0.11 min

Lab File: VX017252.D

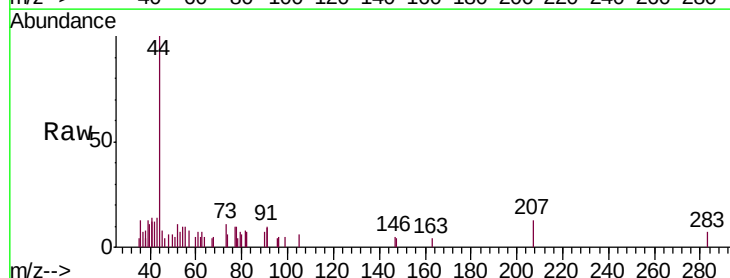
Acq: 08 Jul 2020 13:59

Tgt Ion: 74 Resp: 50

Ion Ratio Lower Upper

74 100

45 130.0 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

250

200

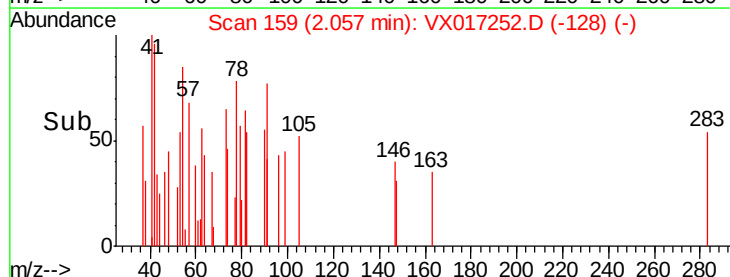
150

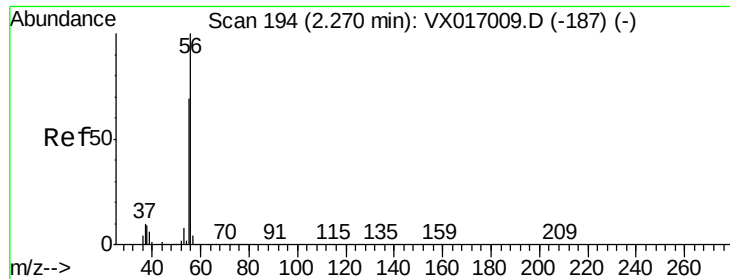
100

50

0

Time-->





#13

Acrolein

Concen: 1.804 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

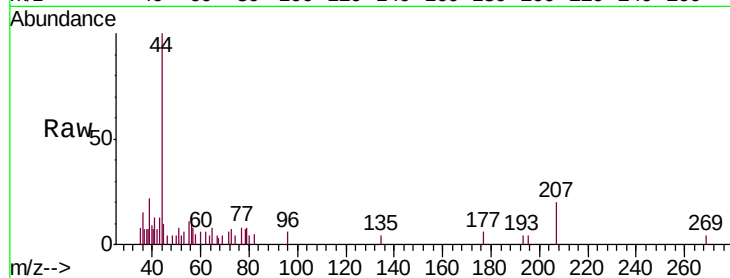
TB-01-200707

Tgt Ion: 56 Resp: 625

Ion Ratio Lower Upper

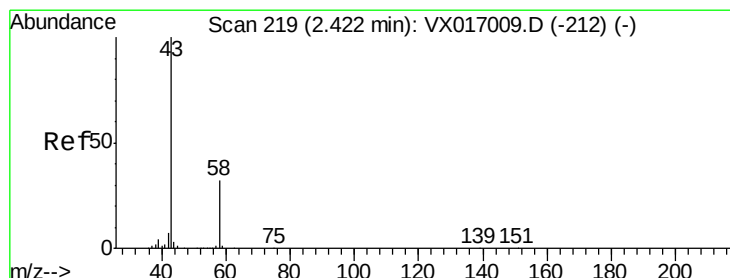
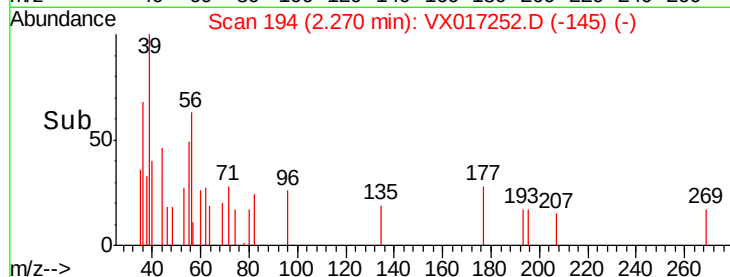
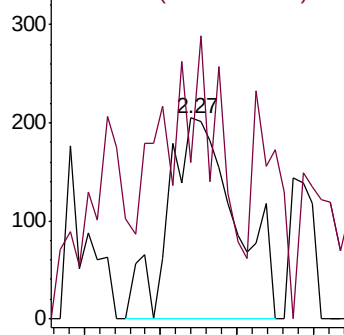
56 100

55 8.8 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.453 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017252.D

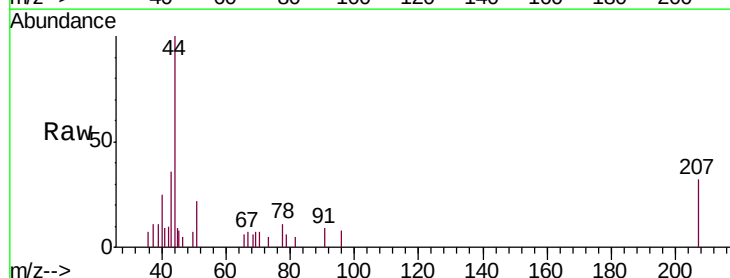
Acq: 08 Jul 2020 13:59

Tgt Ion: 43 Resp: 515

Ion Ratio Lower Upper

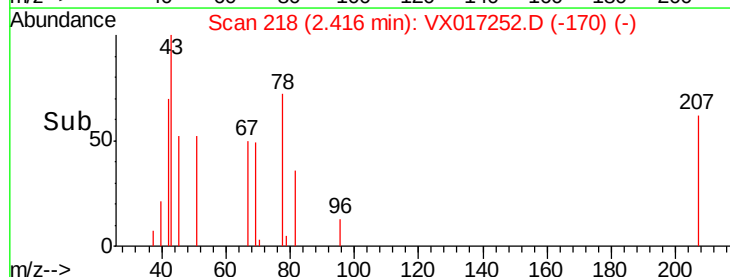
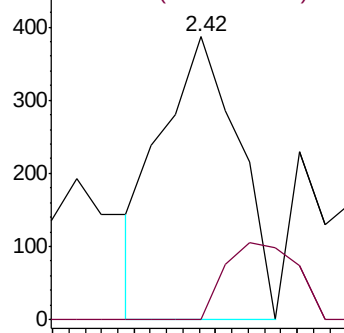
43 100

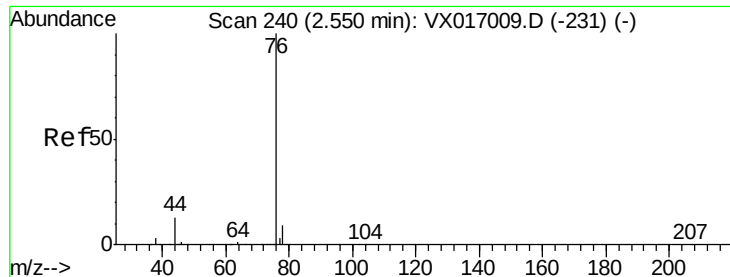
58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

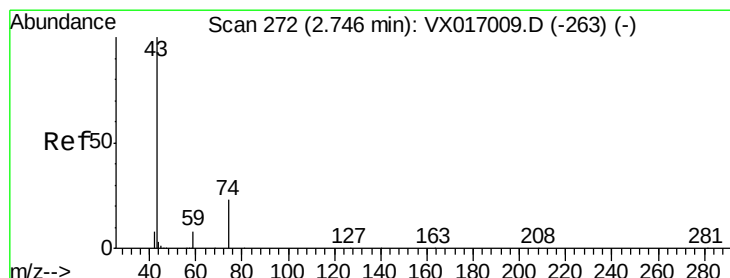
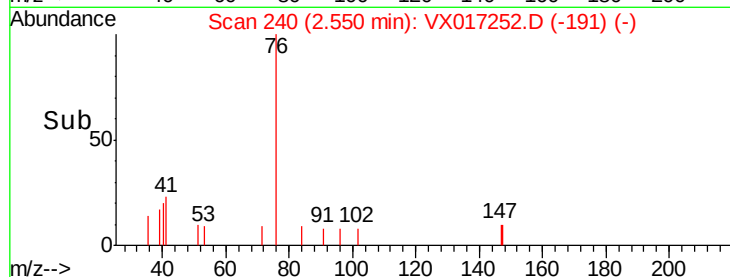
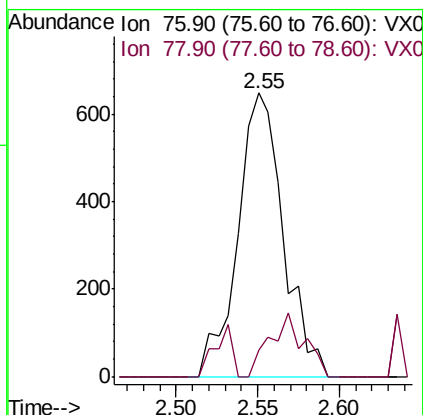
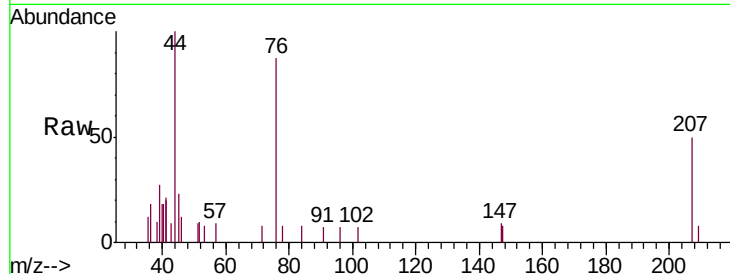




#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

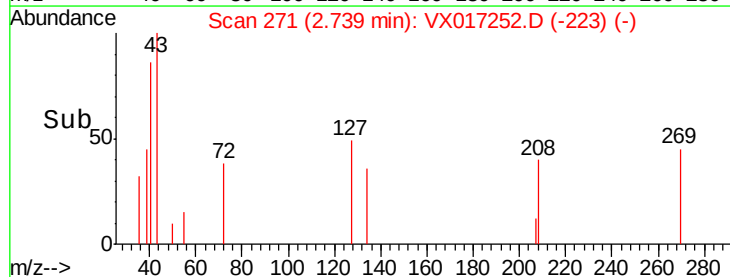
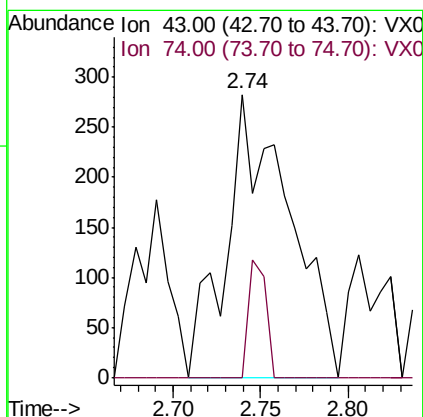
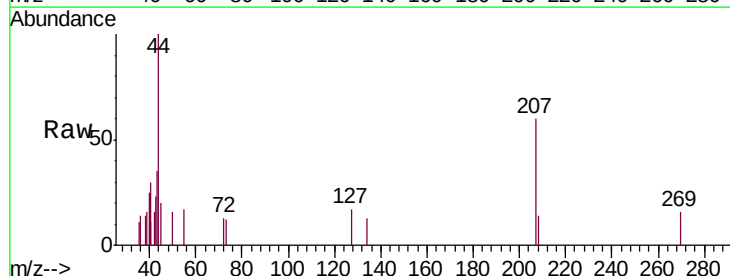
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200707

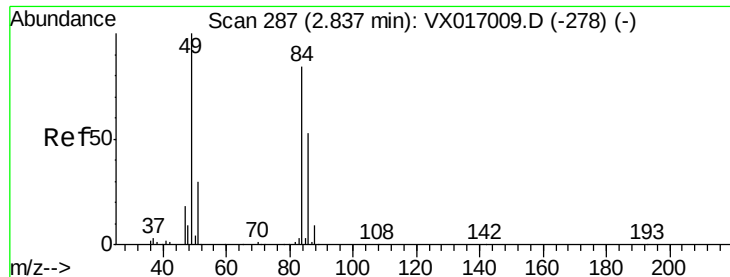
Tgt Ion: 76 Resp: 1258
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.242 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
74 11.1 19.3 28.9#

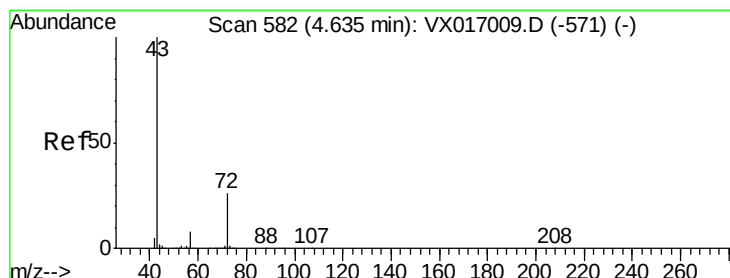
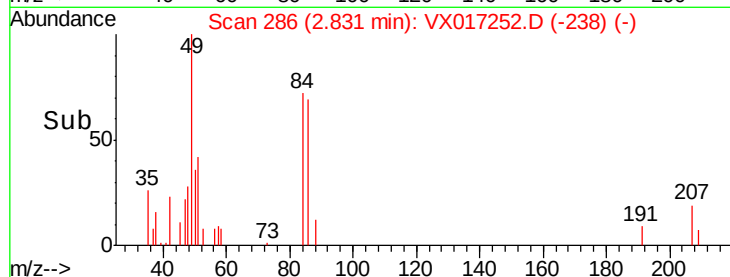
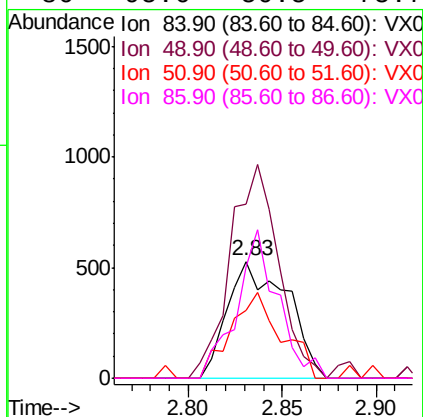
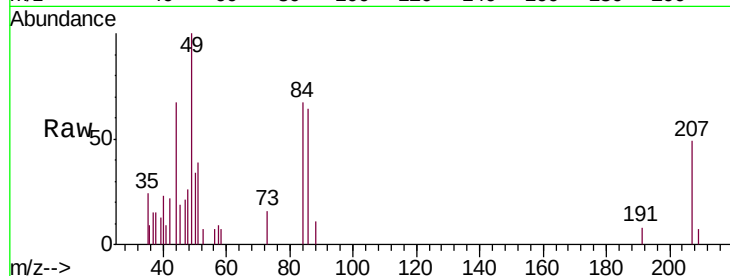




#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

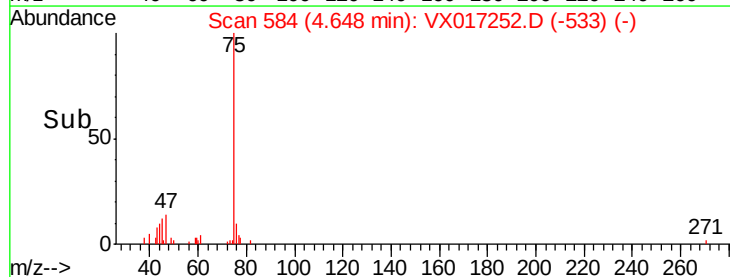
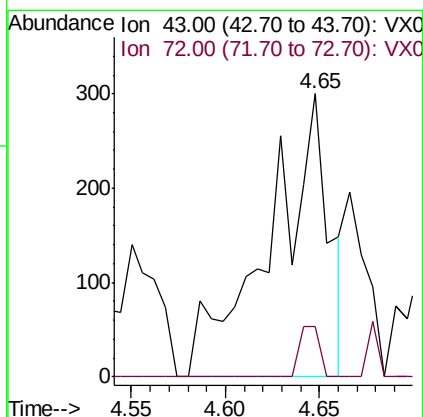
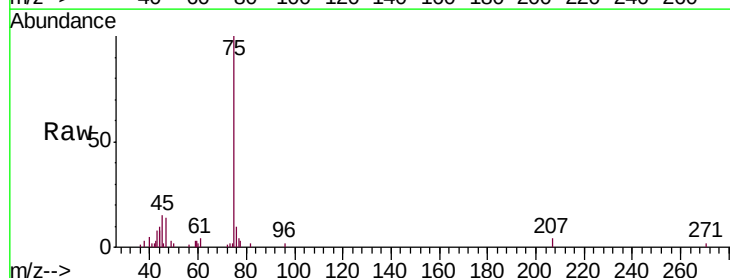
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200707

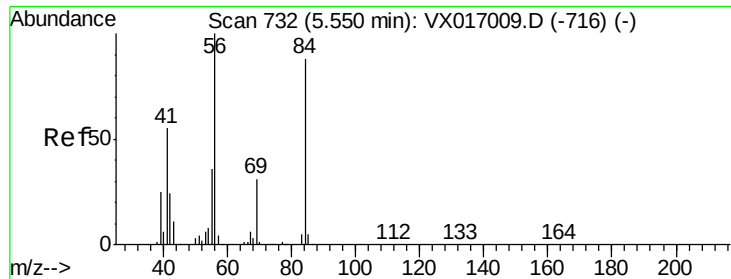
Tgt Ion: 84 Resp: 1156
Ion Ratio Lower Upper
84 100
49 149.0 94.7 142.1#
51 58.1 28.6 42.8#
86 95.6 50.5 75.7#



#25
2-Butanone
Concen: 0.343 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
72 18.0 20.8 31.2#

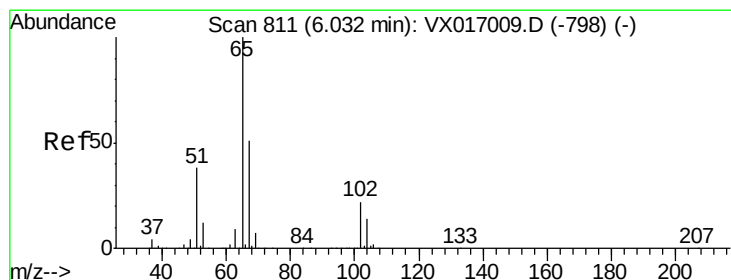
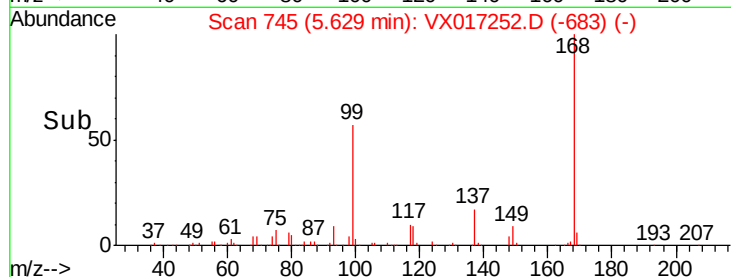
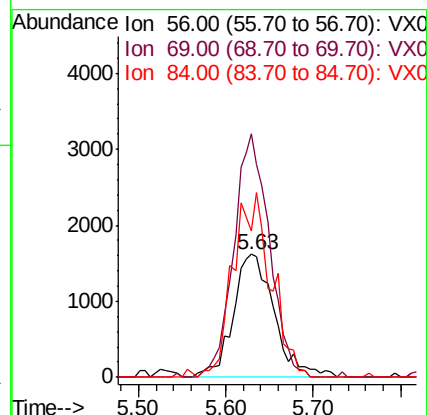
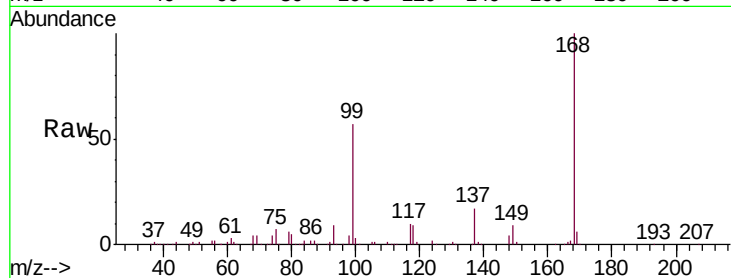




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

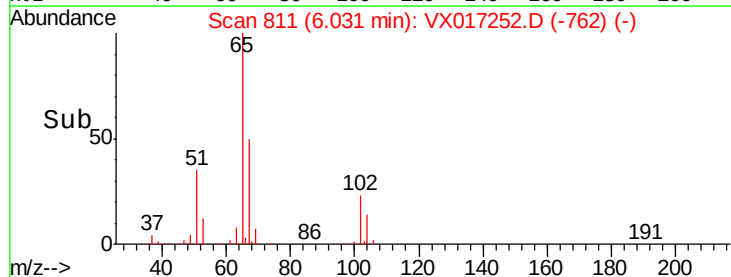
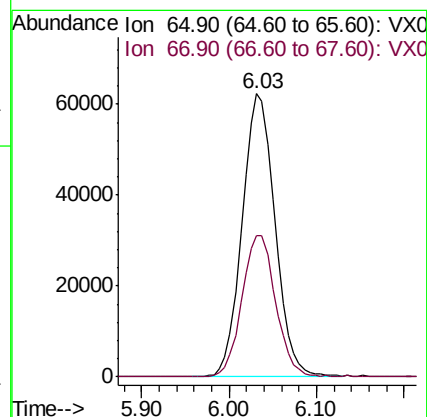
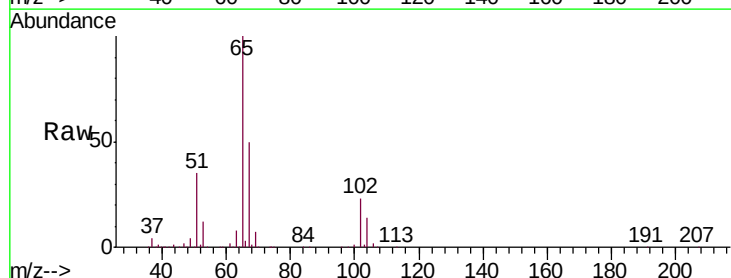
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200707

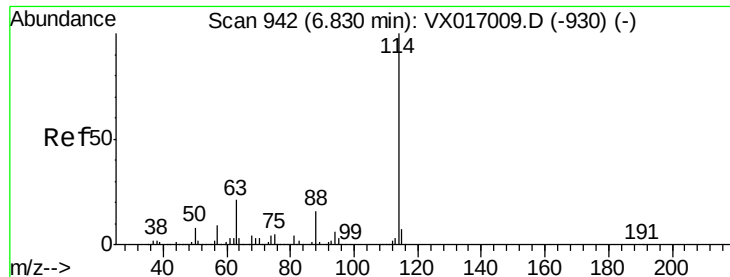
Tgt Ion: 56 Resp: 5314
Ion Ratio Lower Upper
56 100
69 198.3 25.0 37.4#
84 118.7 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 53.556 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

Tgt Ion: 65 Resp: 162697
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200707

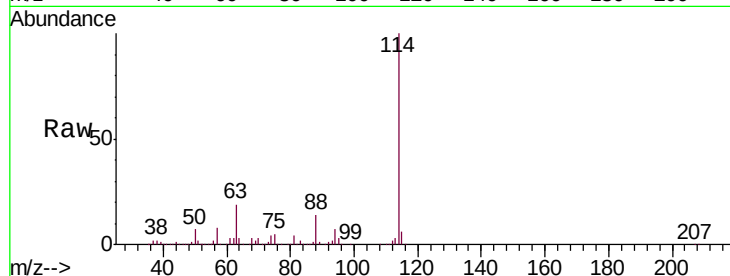
Tgt Ion:114 Resp: 414295

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

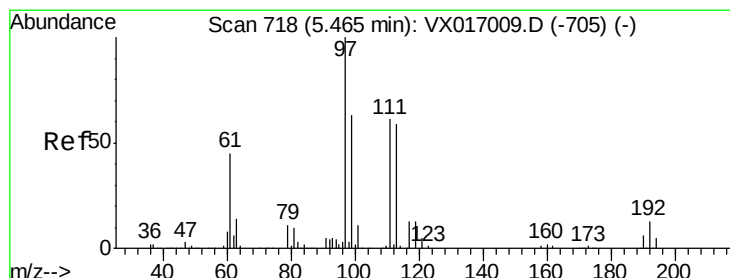
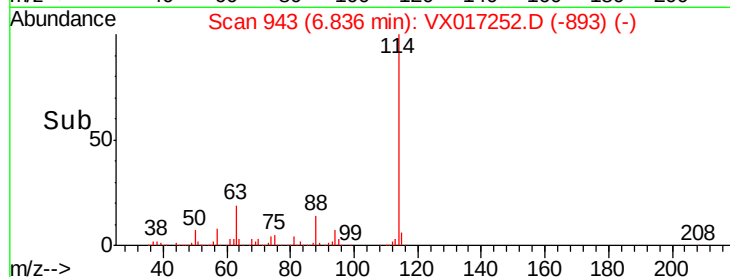
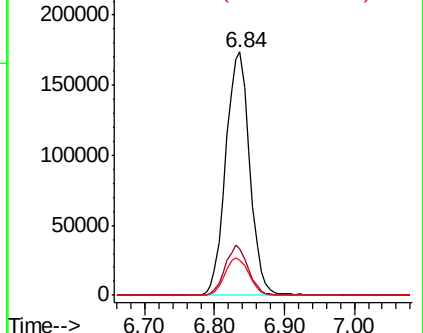
88 14.5 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.155 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

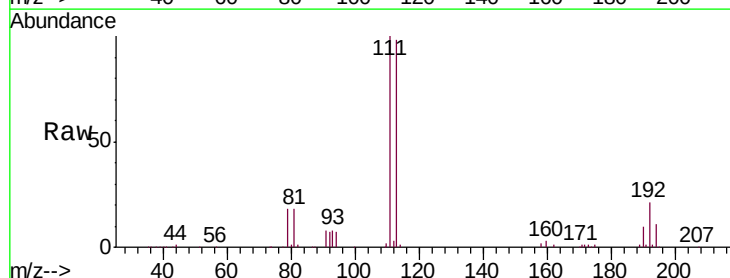
Tgt Ion:113 Resp: 139304

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

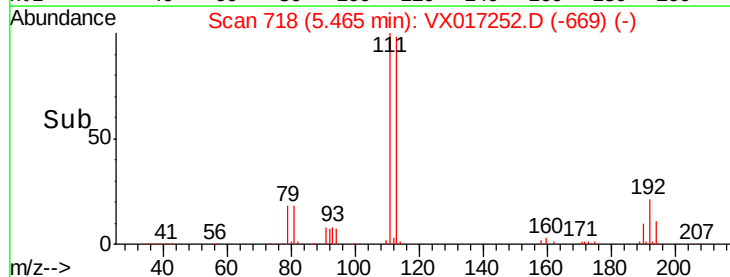
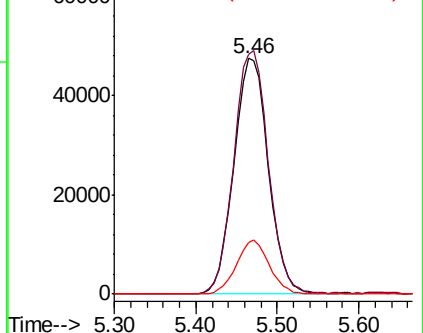
192 22.0 16.7 25.1

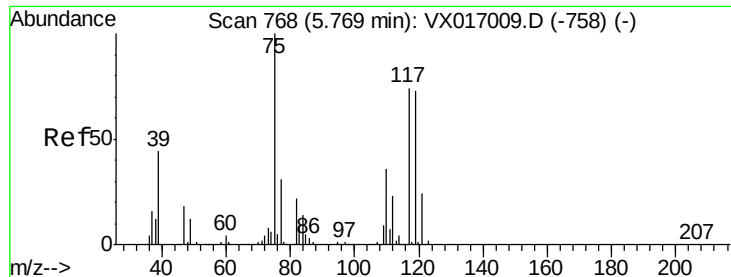


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

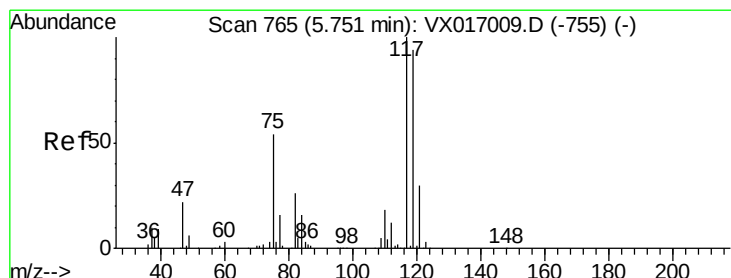
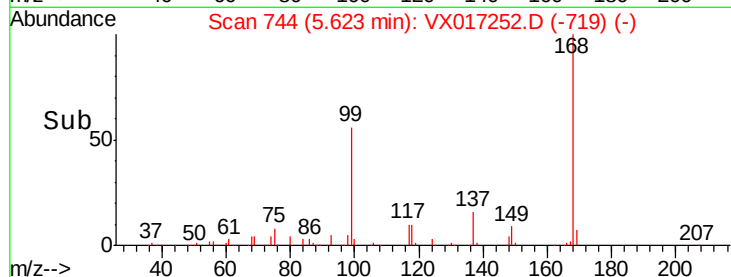
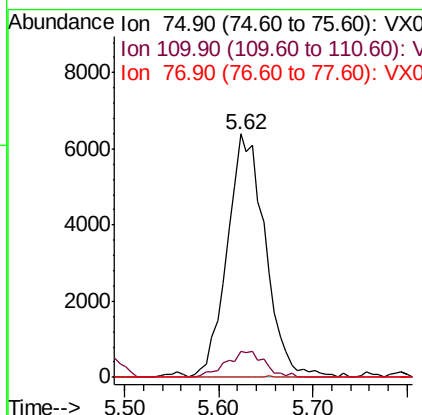
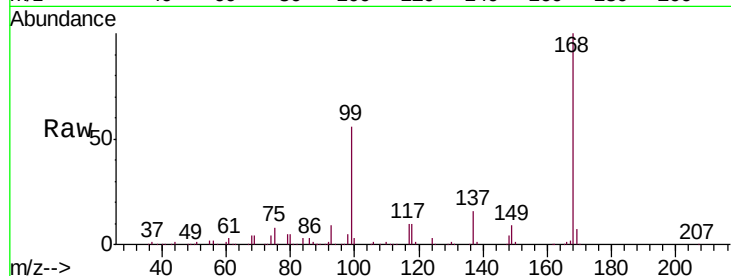




#36
 1,1-Dichloropropene
 Concen: 4.595 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX017252.D
 Acq: 08 Jul 2020 13:59

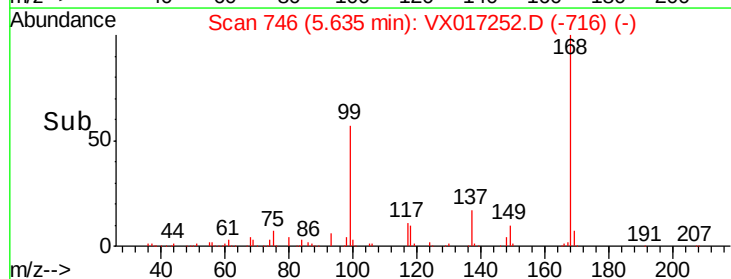
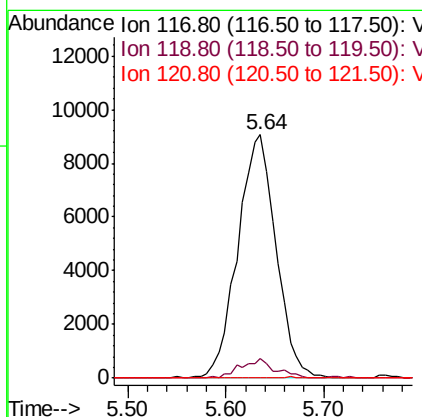
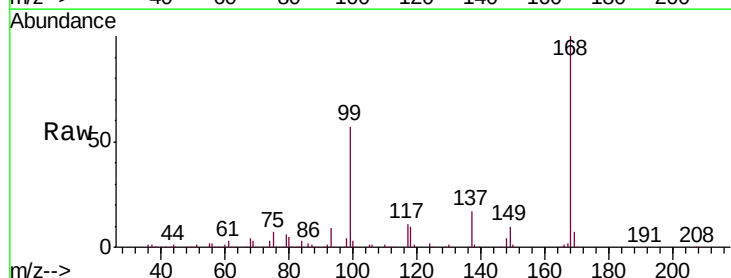
Instrument :
 MSVOA_X
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 TB-01-200707

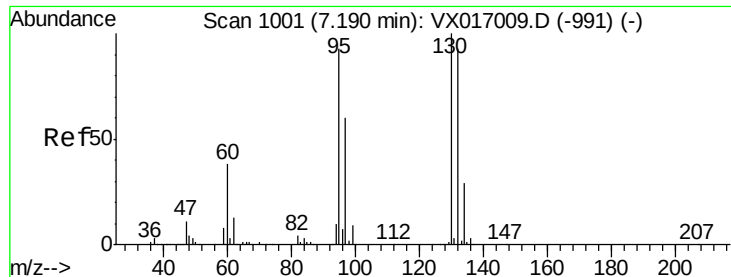
Tgt Ion: 75 Resp: 17993
 Ion Ratio Lower Upper
 75 100
 110 11.0 18.1 54.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.692 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX017252.D
 Acq: 08 Jul 2020 13:59

Tgt Ion: 117 Resp: 24550
 Ion Ratio Lower Upper
 117 100
 119 7.9 75.4 113.0#
 121 0.0 23.8 35.6#





#44

Trichloroethene

Concen: Below Cal

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

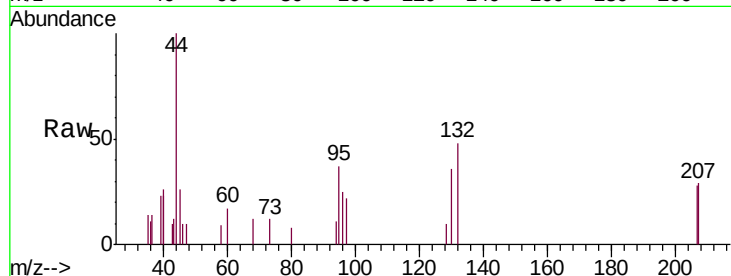
TB-01-200707

Tgt Ion:130 Resp: 331

Ion Ratio Lower Upper

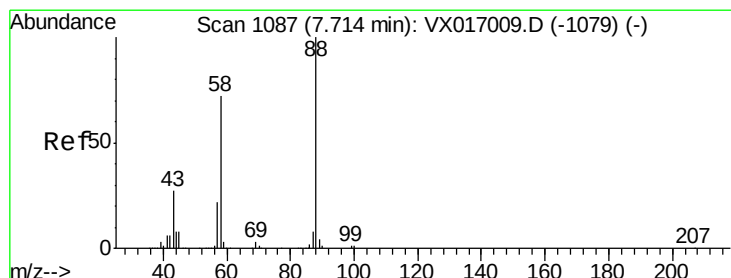
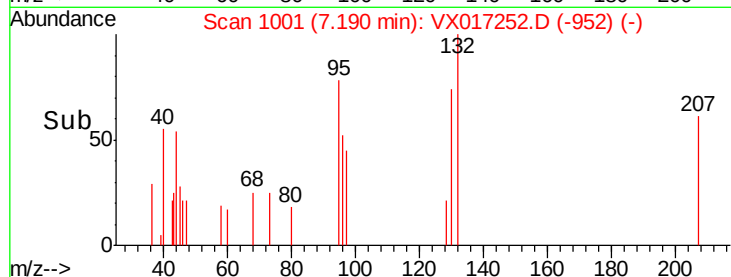
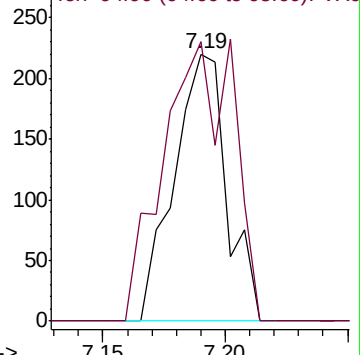
130 100

95 104.5 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.436 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.16 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

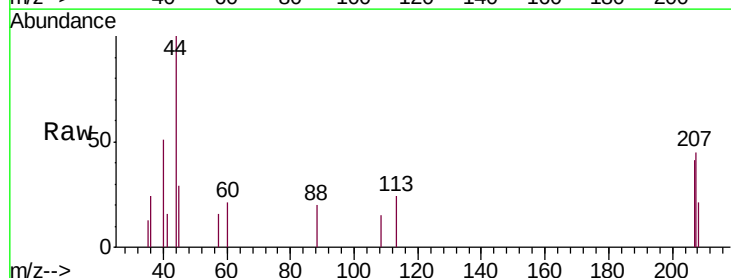
Tgt Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

43 322.6 25.8 38.8#

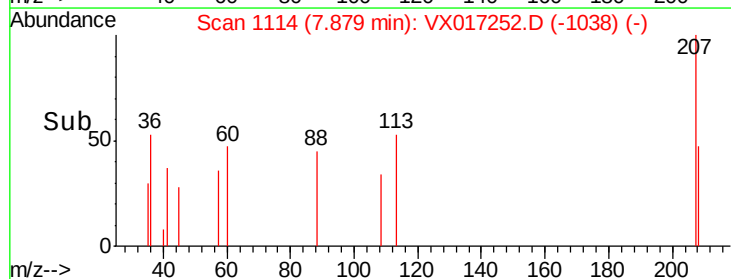
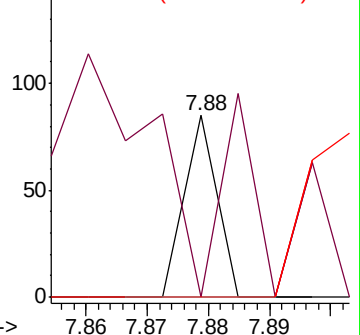
58 0.0 54.8 82.2#

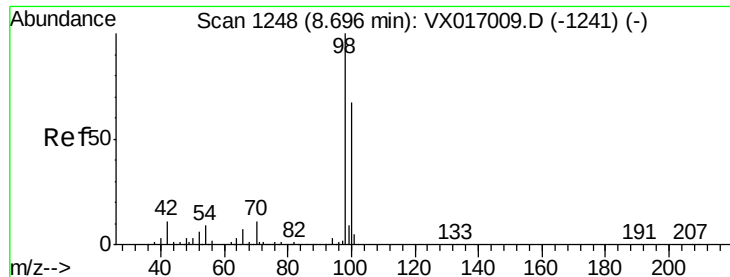


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.885 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

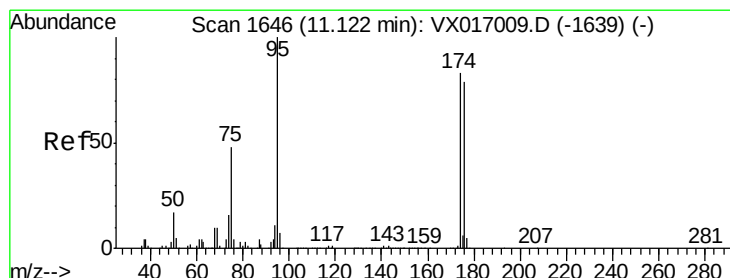
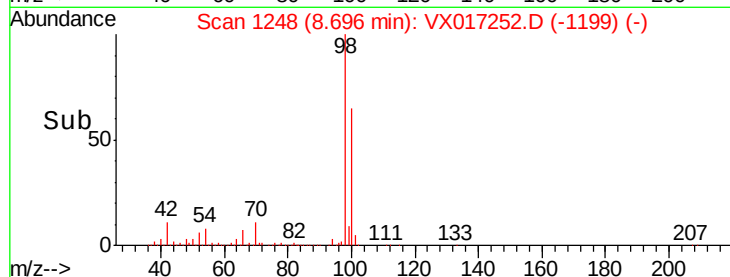
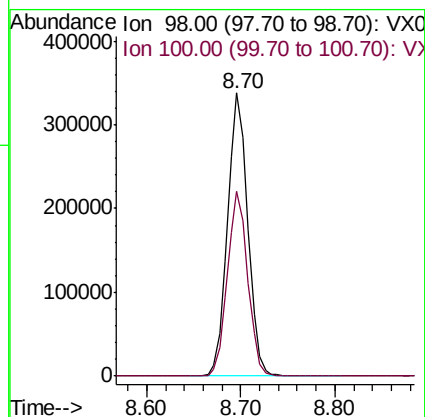
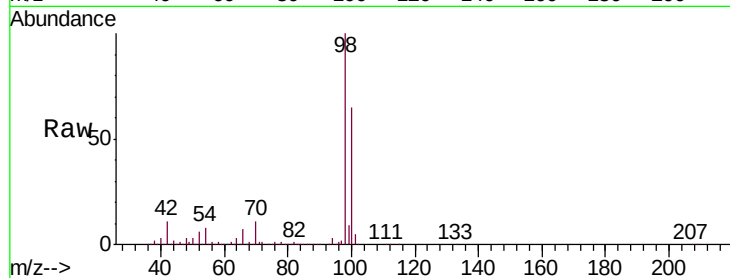
TB-01-200707

Tgt Ion: 98 Resp: 502807

Ion Ratio Lower Upper

98 100

100 65.5 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.144 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

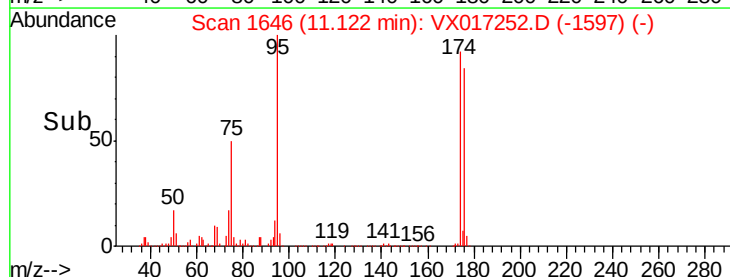
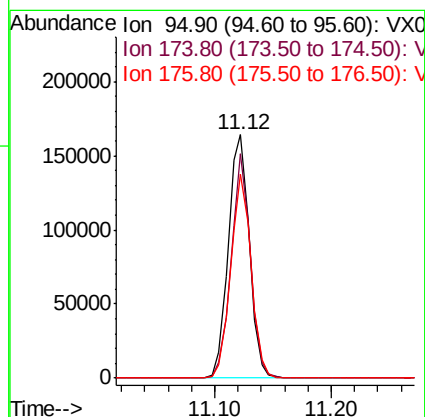
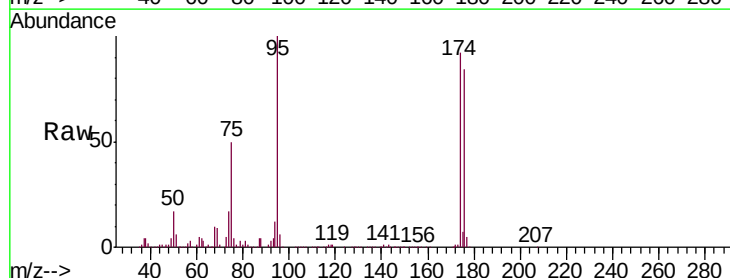
Tgt Ion: 95 Resp: 205112

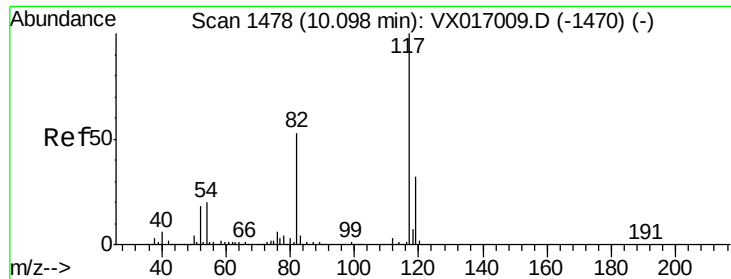
Ion Ratio Lower Upper

95 100

174 84.8 0.0 164.0

176 81.1 0.0 157.6

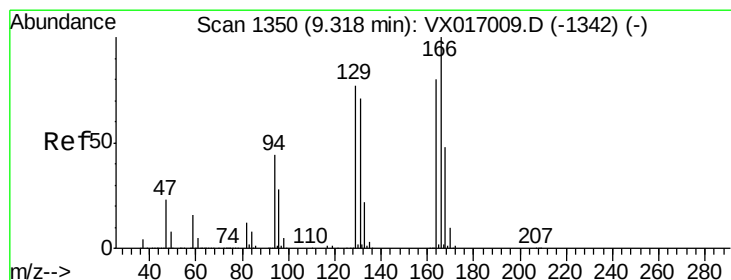
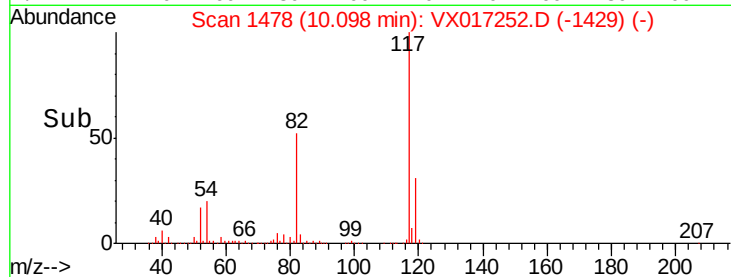
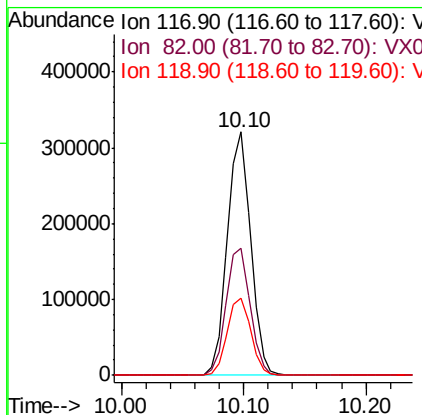
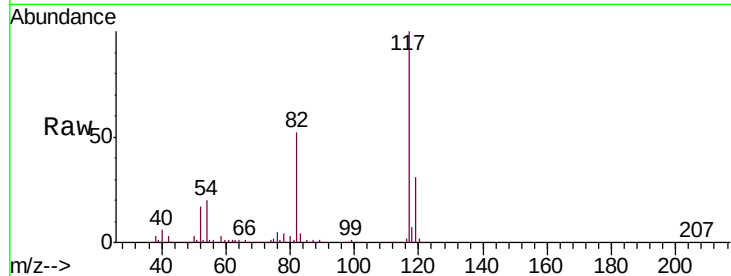




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

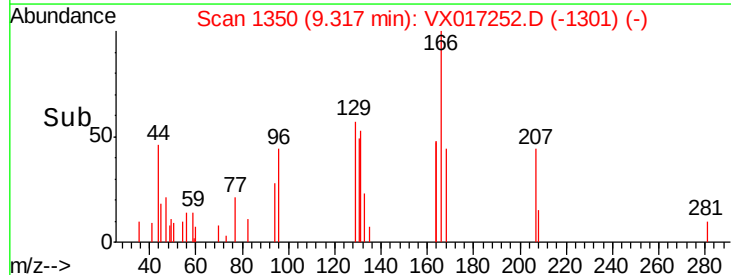
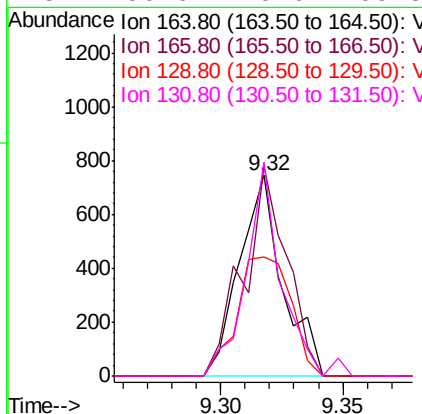
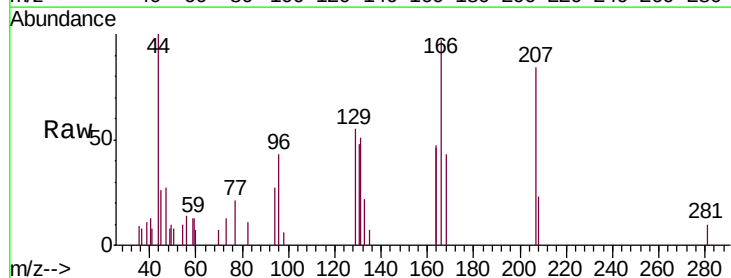
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200707

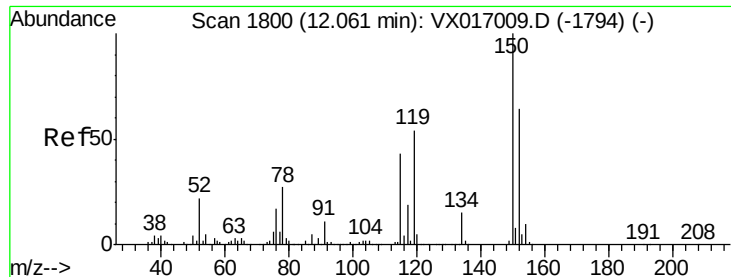
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	31.5	25.4	38.2



#64
Tetrachloroethene
Concen: 0.267 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	104.6	99.4	149.0
129	59.7	76.3	114.5#
131	106.6	70.6	105.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017252.D

Acq: 08 Jul 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200707

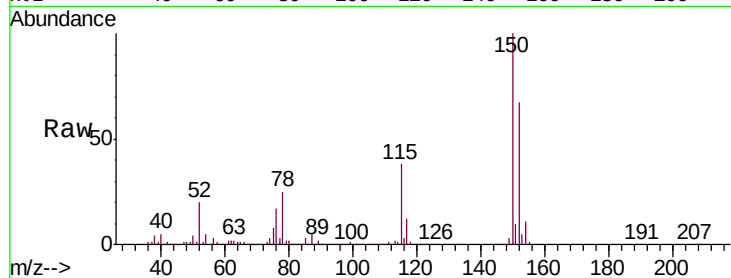
Tgt Ion:152 Resp: 225061

Ion Ratio Lower Upper

152 100

115 57.4 40.9 122.7

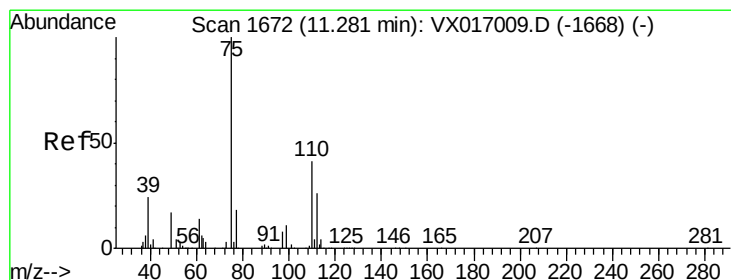
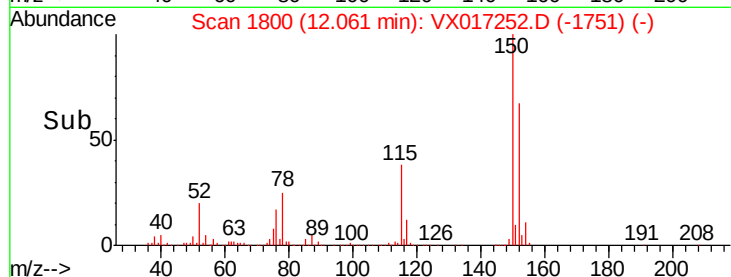
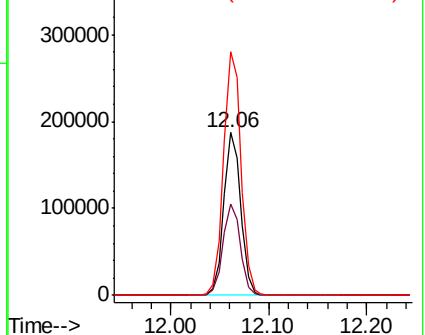
150 154.0 0.0 351.6



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: 22.766 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017252.D

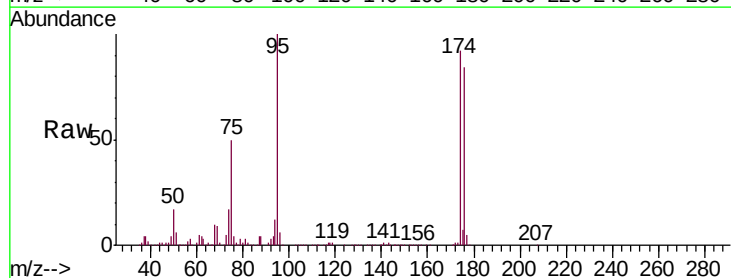
Acq: 08 Jul 2020 13:59

Tgt Ion: 75 Resp: 100756

Ion Ratio Lower Upper

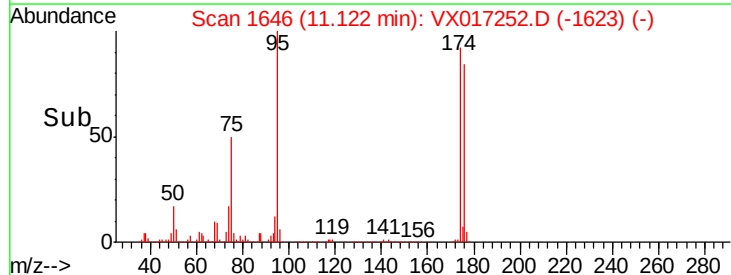
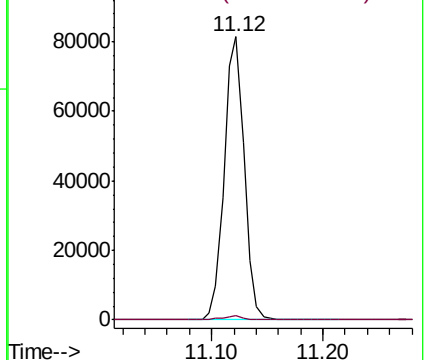
75 100

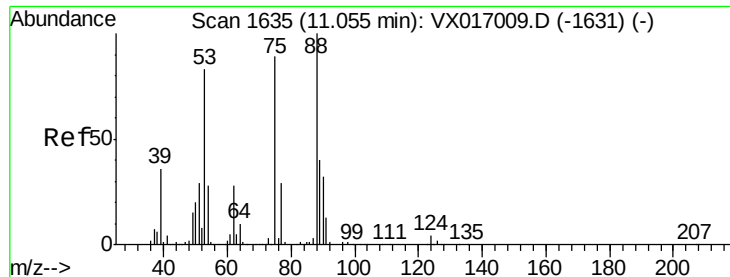
77 1.5 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

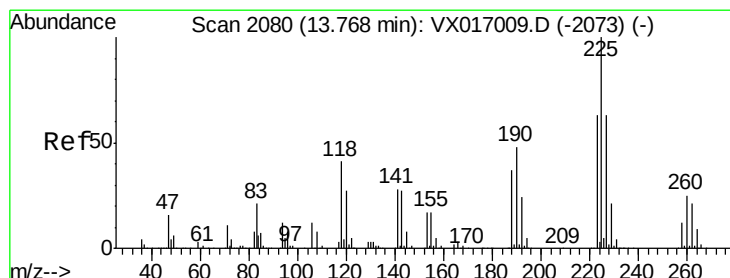
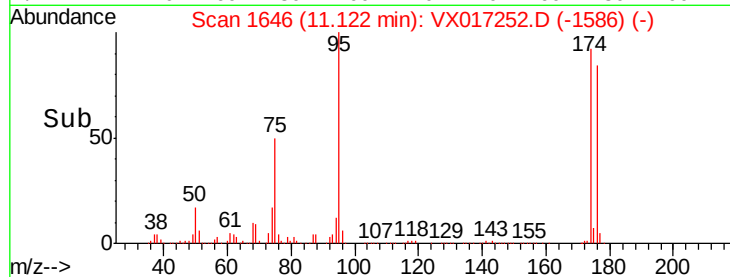
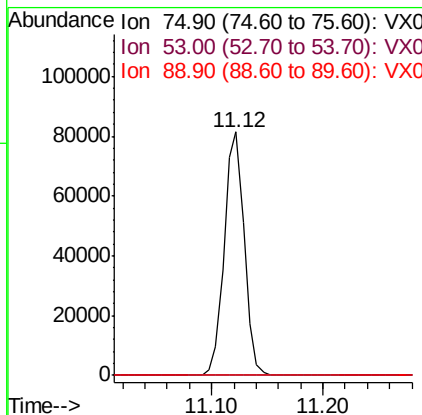
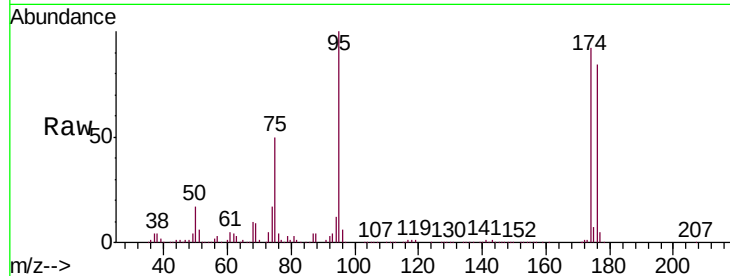




#81
trans-1,4-Dichloro-2-butene
Concen: 58.956 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
TB-01-200707

Tgt Ion: 75 Resp: 100756
Ion Ratio Lower Upper
75 100
53 0.4 72.4 108.6#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.875 ug/l
RT: 13.77 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX017252.D
Acq: 08 Jul 2020 13:59

Tgt Ion: 225 Resp: 55
Ion Ratio Lower Upper
225 100
223 0.0 32.5 97.5#
227 0.0 33.1 99.2#

