

Data File : VX017263.D
Acq On : 08 Jul 2020 18:09
Operator : JC/SP
Sample : L3217-12 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E3-41-COMP-1-FLOOR

Quant Time: Jul 09 02:34:13 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	242303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	411545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	164971	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
35) Dibromofluoromethane	5.46	113	143530	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
50) Toluene-d8	8.70	98	505610	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.12	95	212586	56.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.98%	

Target Compounds

						Qvalue
8) Diethyl Ether	2.34	74	187	0.507	ug/l	94
11) Tert butyl alcohol	3.00	59	1016	1.783	ug/l #	73
16) Acetone	2.42	43	1029	0.921	ug/l #	48
18) Methyl Acetate	2.75	43	738	0.253	ug/l #	72
20) Methylene Chloride	2.84	84	1657	Below Cal		92
25) 2-Butanone	4.63	43	626	0.336	ug/l #	49
26) 2,2-Dichloropropane	4.65	77	903	0.218	ug/l #	58
31) Cyclohexane	5.63	56	4896	1.214	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18864	4.850	ug/l #	50
38) Carbon Tetrachloride	5.64	117	24465	5.711	ug/l #	16
44) Trichloroethene	7.18	130	396	Below Cal		56
49) 1,4-Dioxane	7.60	88	25	0.354	ug/l #	1
60) Dibromochloromethane	9.32	129	726	0.214	ug/l #	10
64) Tetrachloroethene	9.32	164	862	0.245	ug/l #	76
76) 1,2,3-Trichloropropane	11.12	75	106064	23.276	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	106064	60.275	ug/l #	13
88) 1,4-Dichlorobenzene	12.08	146	464	Below Cal	#	1

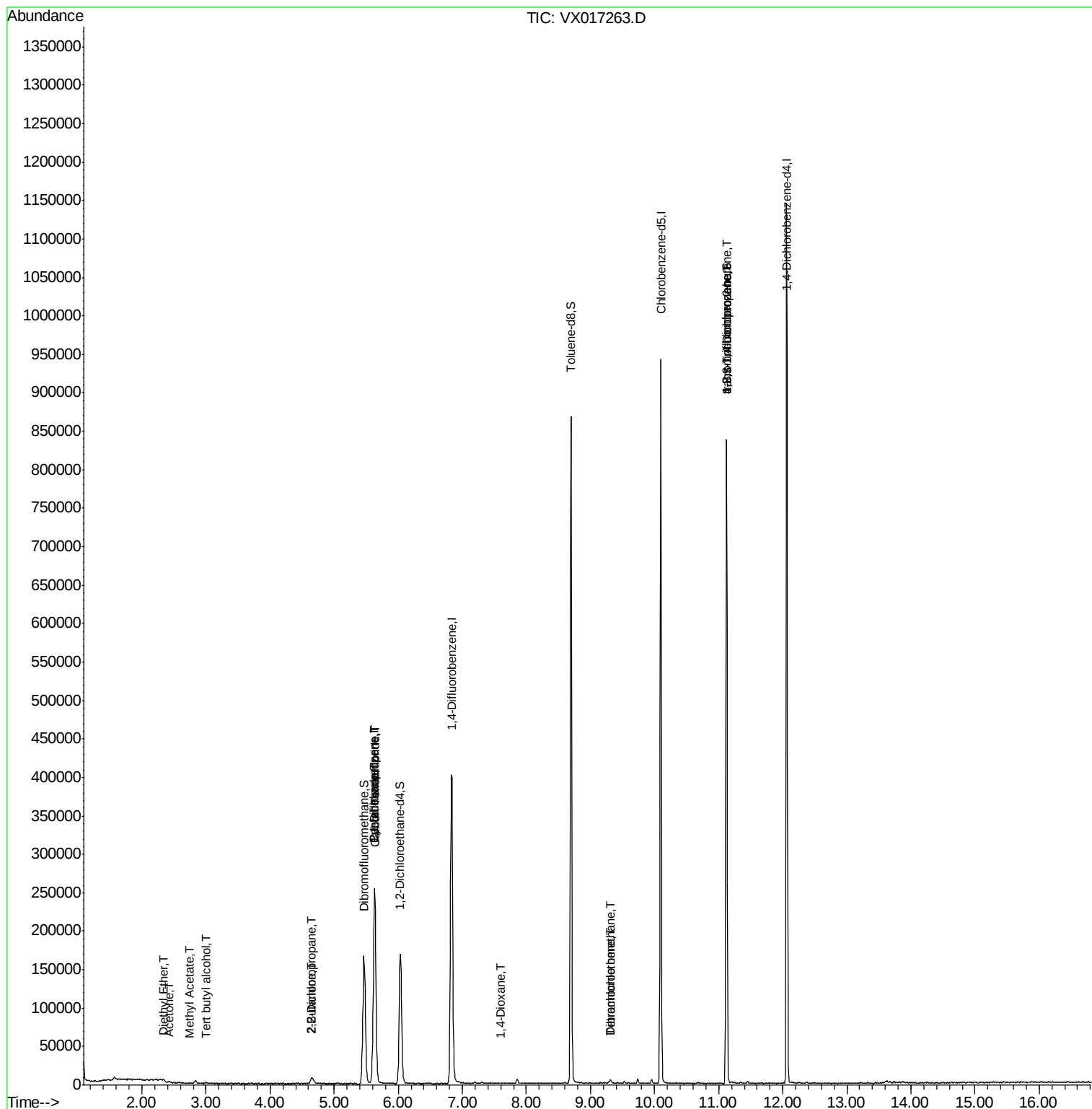
(#) = qualifier out of range (m) = manual integration (+) = signals summed

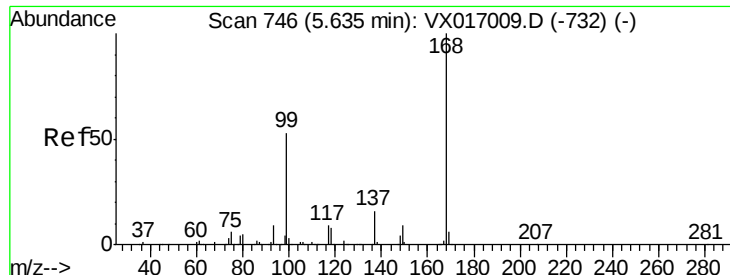
Data File : VX017263.D

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Acq On       : 08 Jul 2020   18:09
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Instrument :
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ClientSampleId :
E3-41-COMP-1-FLOOR

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
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: VX017263.D

Acq: 08 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

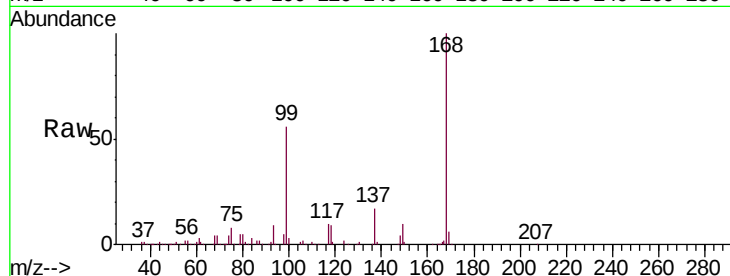
E3-41-COMP-1-FLOOR

Tgt Ion:168 Resp: 242303

Ion Ratio Lower Upper

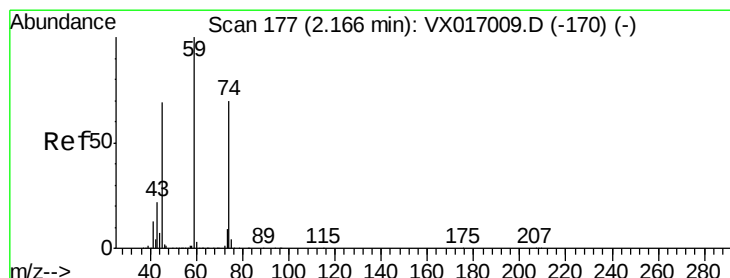
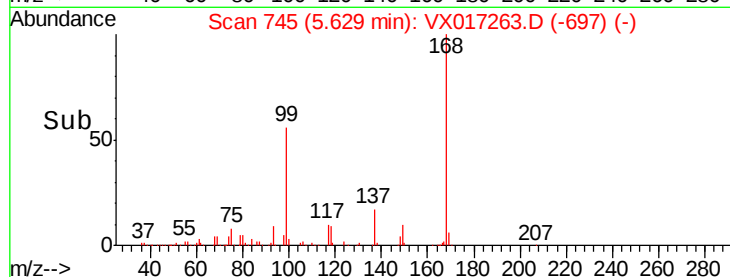
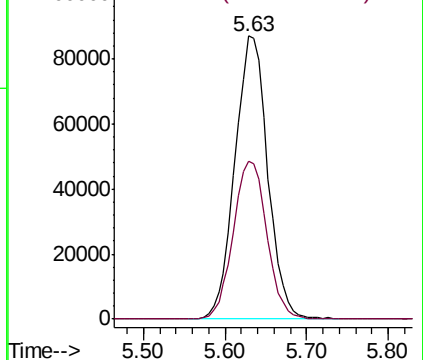
168 100

99 55.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 0.507 ug/l

RT: 2.34 min Scan# 206

Delta R.T. 0.18 min

Lab File: VX017263.D

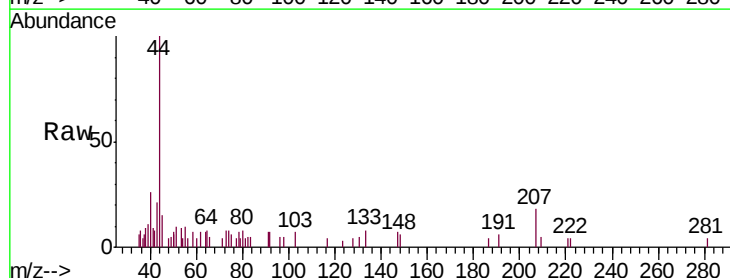
Acq: 08 Jul 2020 18:09

Tgt Ion: 74 Resp: 187

Ion Ratio Lower Upper

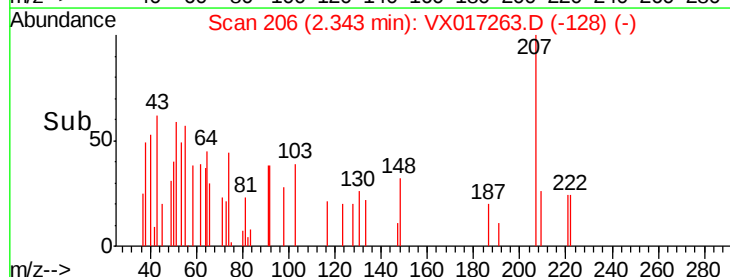
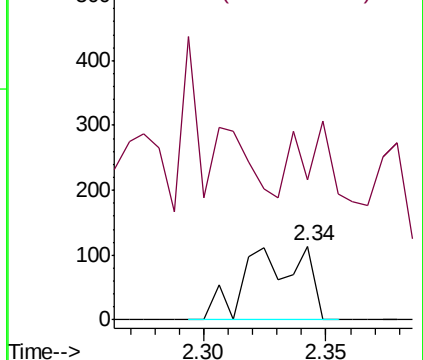
74 100

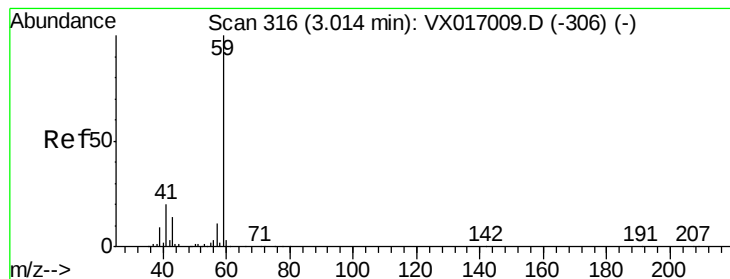
45 93.0 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



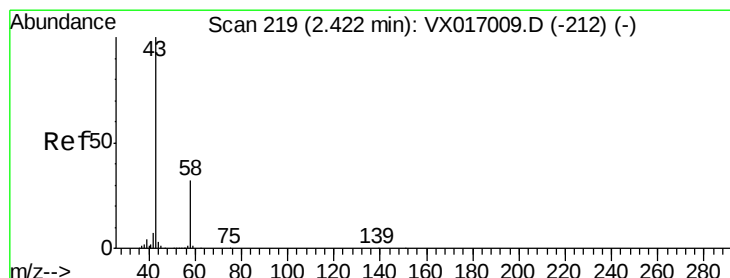
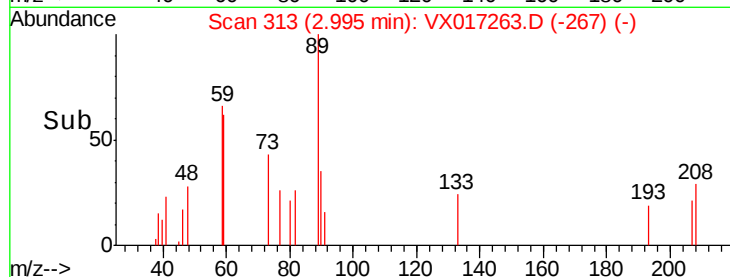
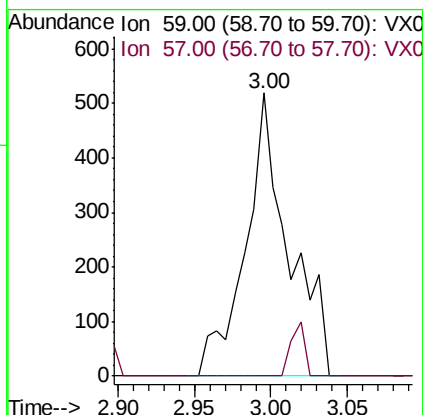
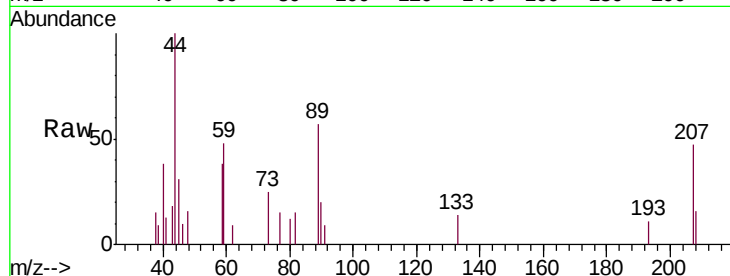


#11

Tert butyl alcohol
 Concen: 1.783 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX017263.D
 Acq: 08 Jul 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-COMP-1-FLOOR

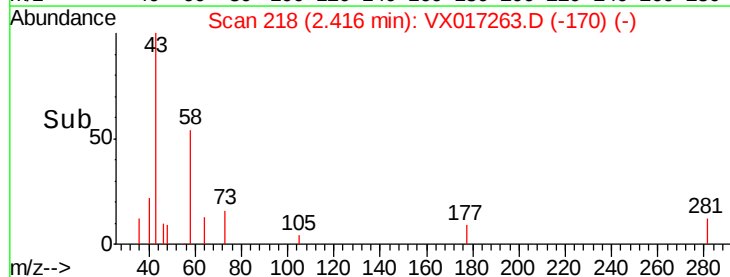
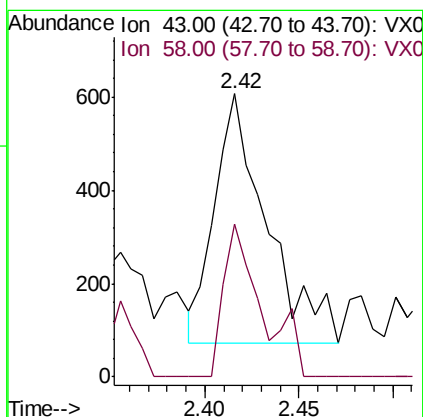
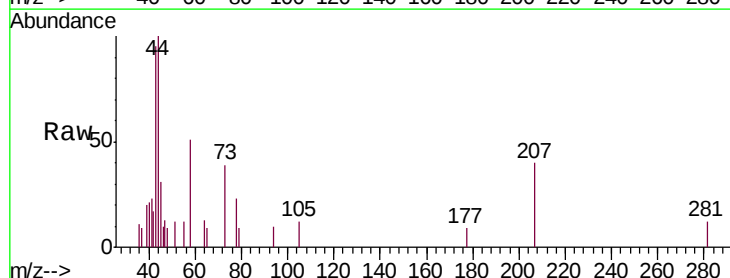
Tgt Ion: 59 Resp: 1016
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

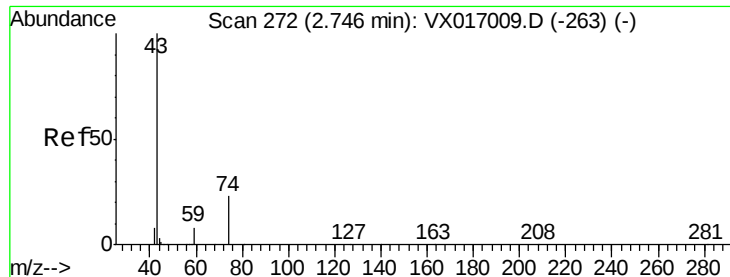


#16

Acetone
 Concen: 0.921 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017263.D
 Acq: 08 Jul 2020 18:09

Tgt Ion: 43 Resp: 1029
 Ion Ratio Lower Upper
 43 100
 58 61.3 25.7 38.5#

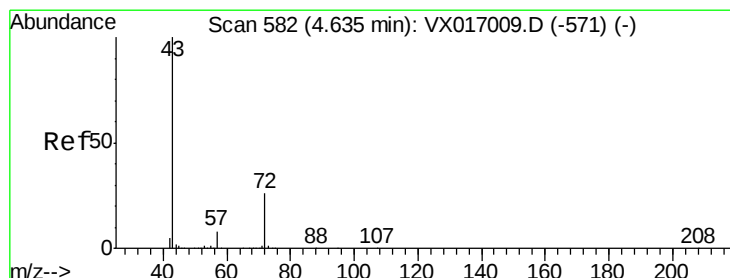
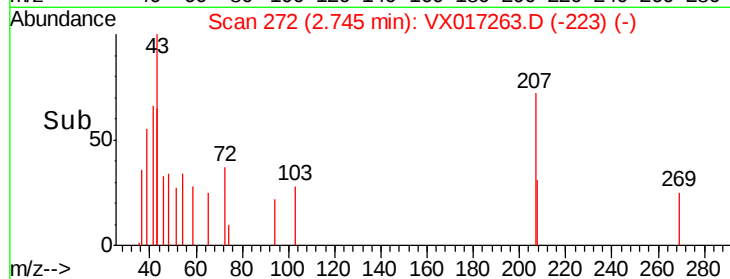
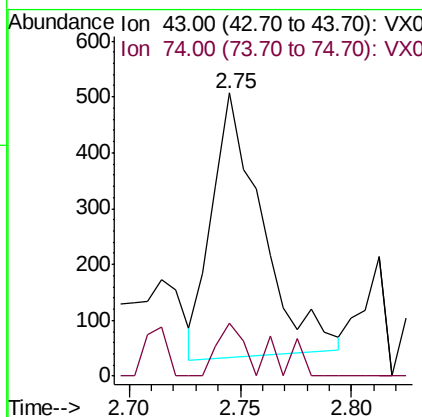
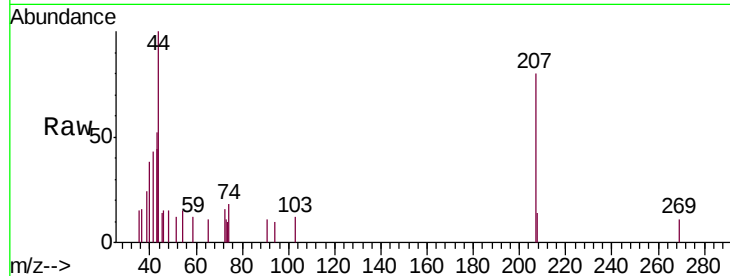




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017263.D
Acq: 08 Jul 2020 18:09

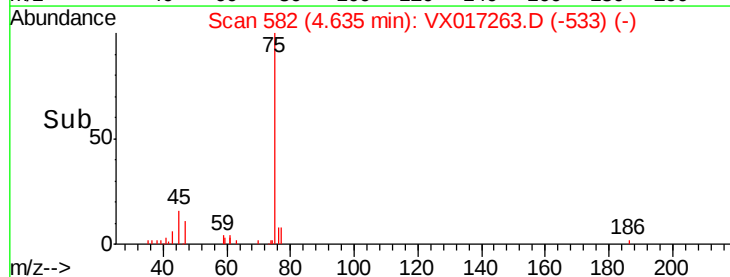
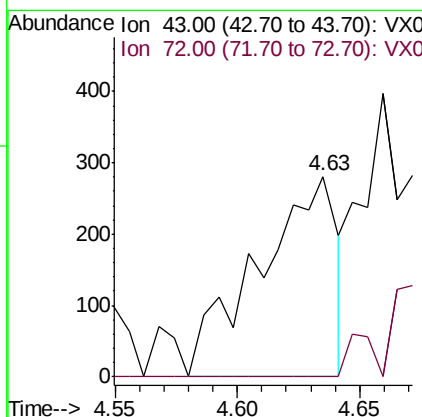
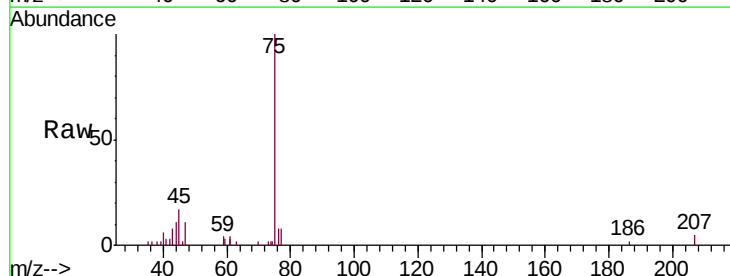
Instrument :
MSVOA_X
ClientSampleId :
E3-41-COMP-1-FLOOR

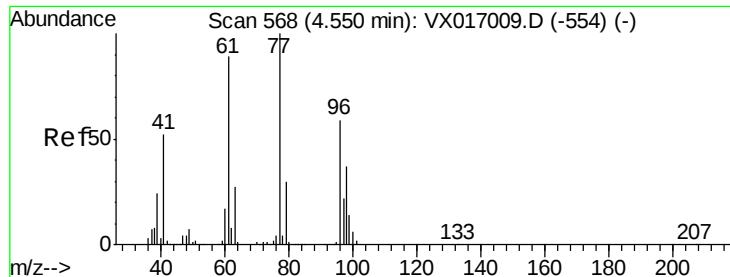
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
74 10.3 19.3 28.9#



#25
2-Butanone
Concen: 0.336 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017263.D
Acq: 08 Jul 2020 18:09

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#





#26

2,2-Dichloropropane

Concen: 0.218 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.10 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

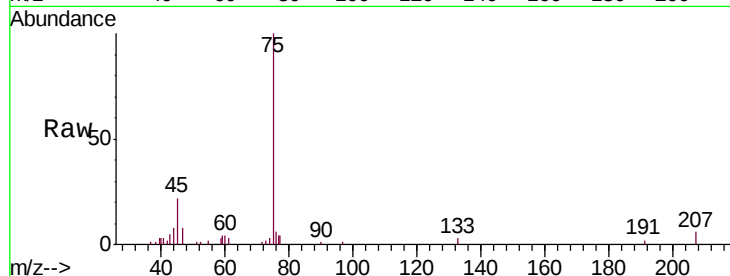
E3-41-COMP-1-FLOOR

Tgt Ion: 77 Resp: 903

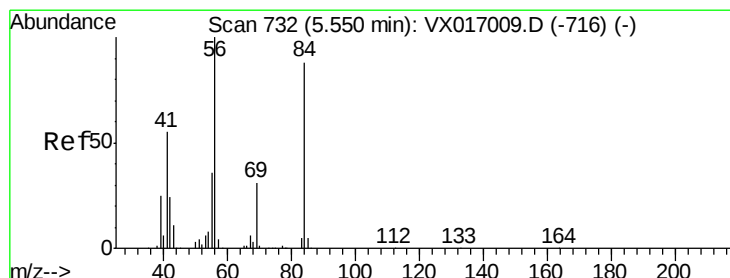
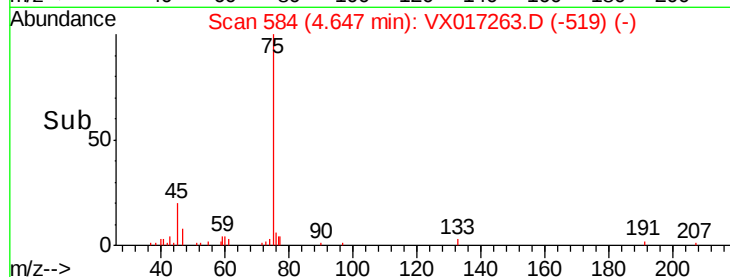
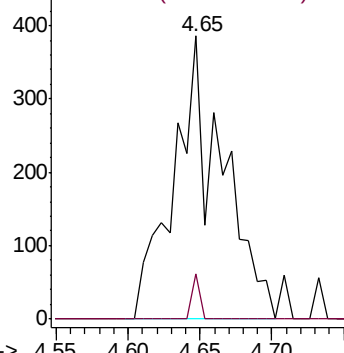
Ion Ratio Lower Upper

77 100

97 2.4 11.4 34.2#



Abundance Ion 76.90 (76.60 to 77.60): VX0



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.08 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

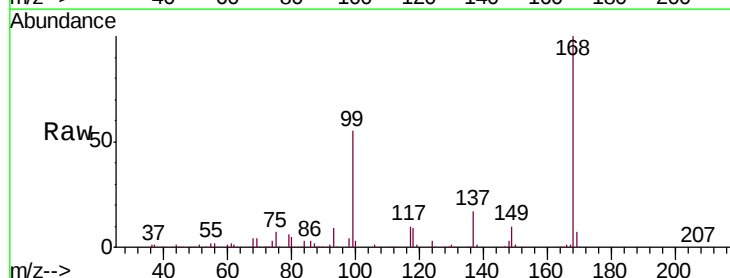
Tgt Ion: 56 Resp: 4896

Ion Ratio Lower Upper

56 100

69 190.4 25.0 37.4#

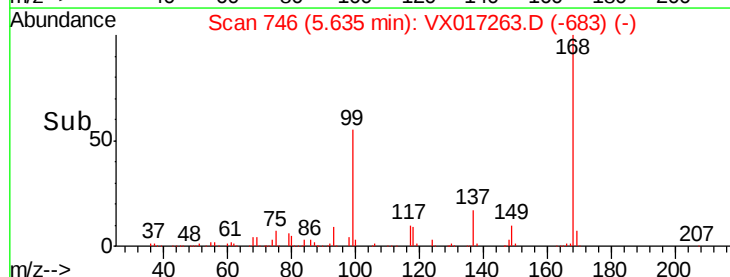
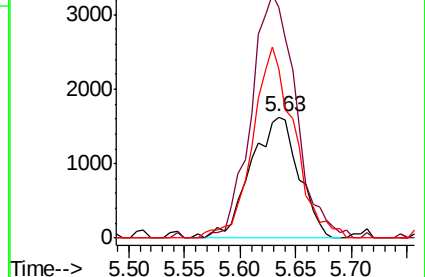
84 139.2 69.1 103.7#

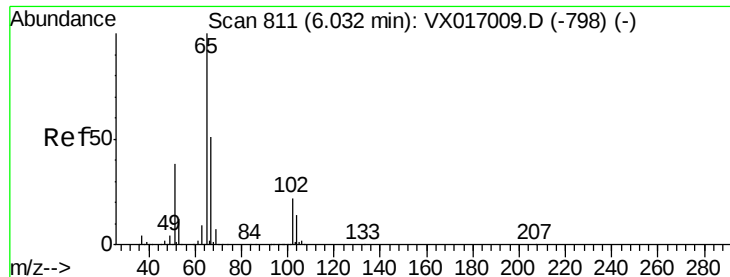


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.228 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

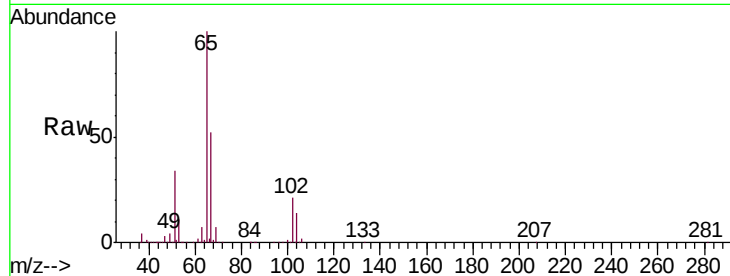
E3-41-COMP-1-FLOOR

Tgt Ion: 65 Resp: 164971

Ion Ratio Lower Upper

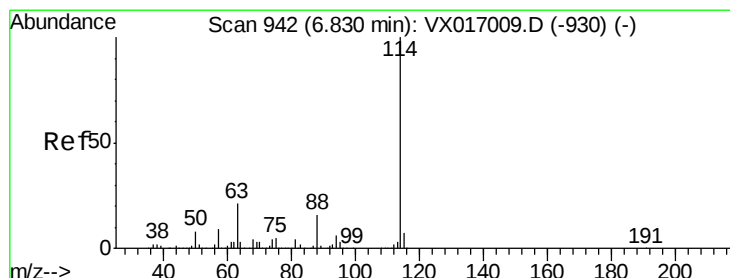
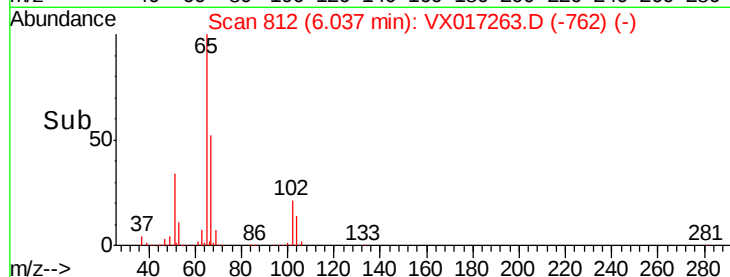
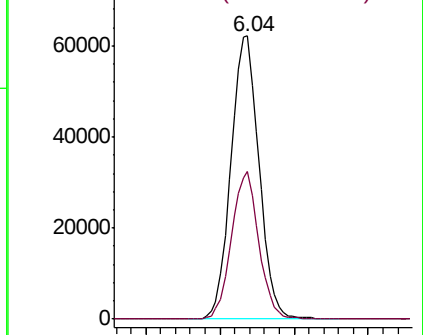
65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

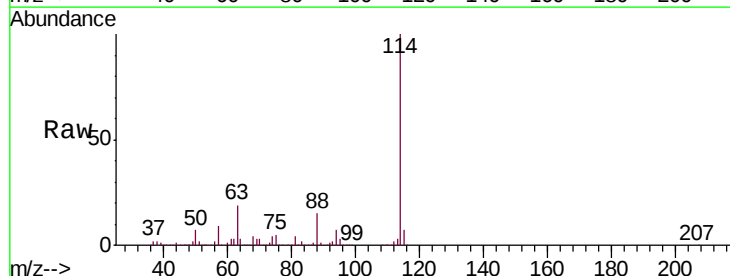
Tgt Ion: 114 Resp: 411545

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

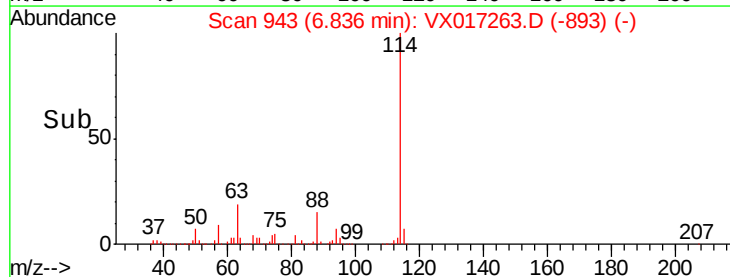
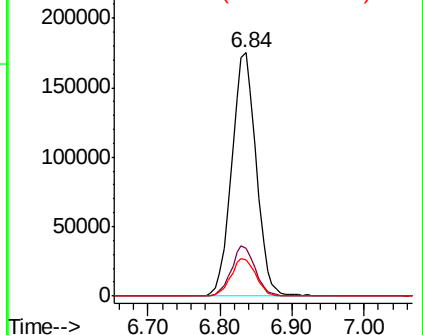
88 14.8 0.0 32.4

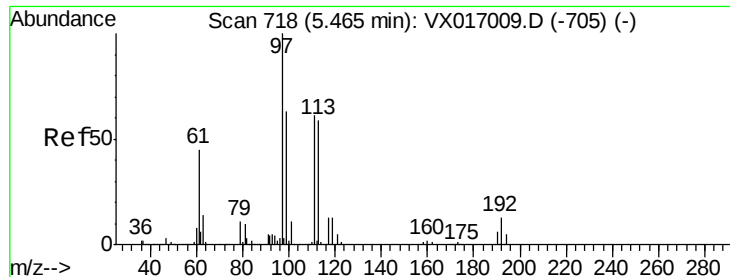


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

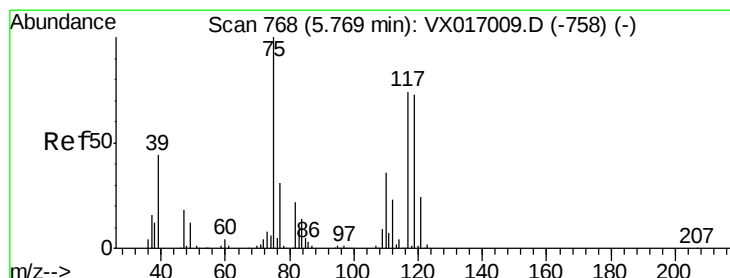
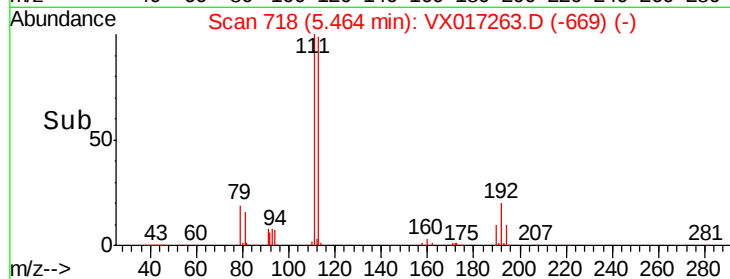
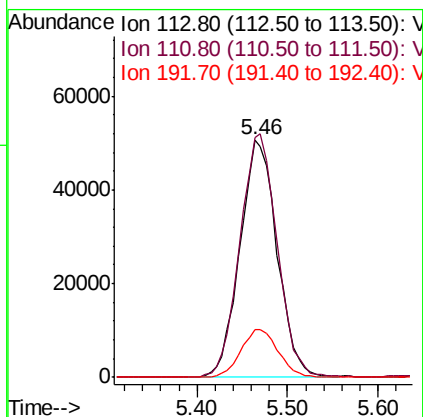
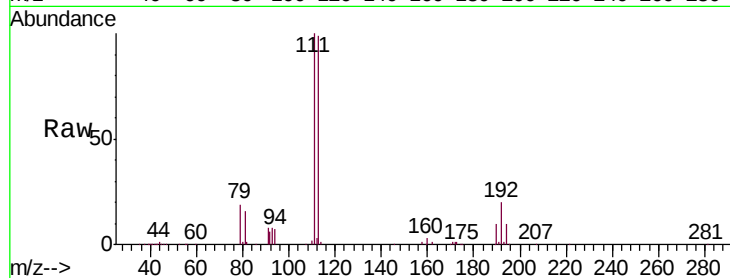




#35
 Dibromofluoromethane
 Concen: 55.134 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017263.D
 Acq: 08 Jul 2020 18:09

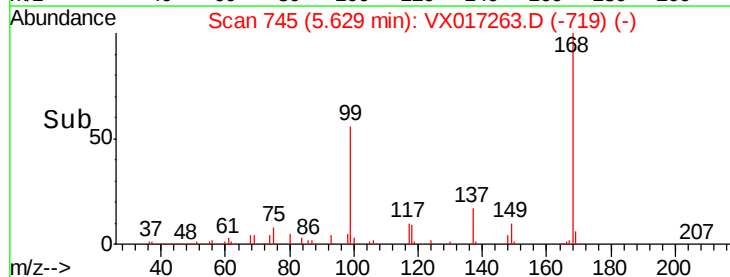
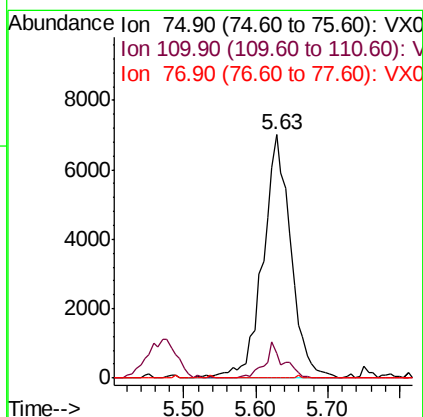
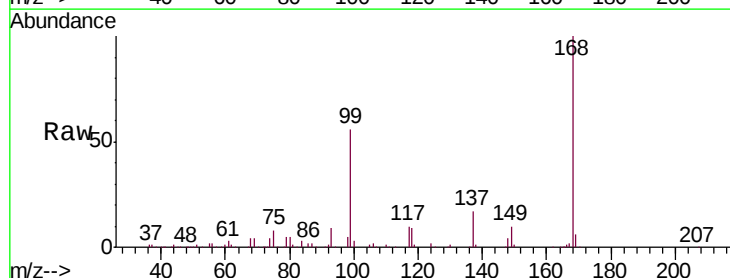
Instrument :
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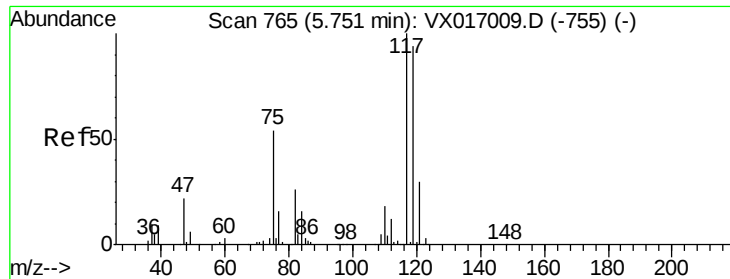
Tgt Ion:113 Resp: 143530
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 20.5 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.850 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017263.D
 Acq: 08 Jul 2020 18:09

Tgt Ion: 75 Resp: 18864
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.1 54.1#
 77 0.0 24.6 37.0#

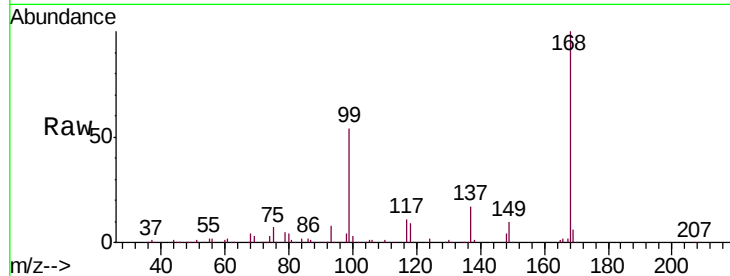




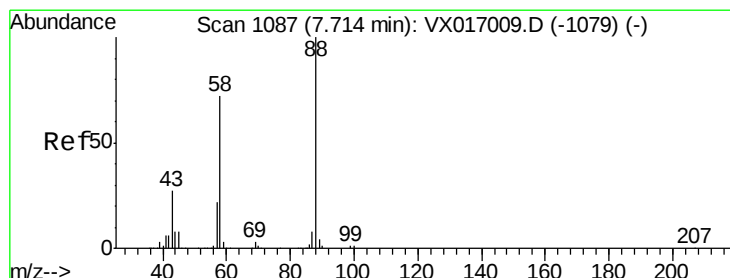
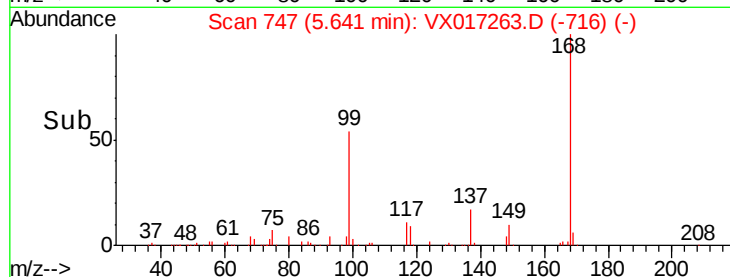
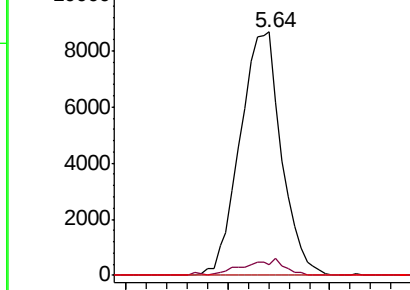
#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.64 min Scan# 747
Delta R.T. -0.11 min
Lab File: VX017263.D
Acq: 08 Jul 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
E3-41-COMP-1-FLOOR

Tgt Ion: 117 Resp: 24465
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 23.8 35.6#

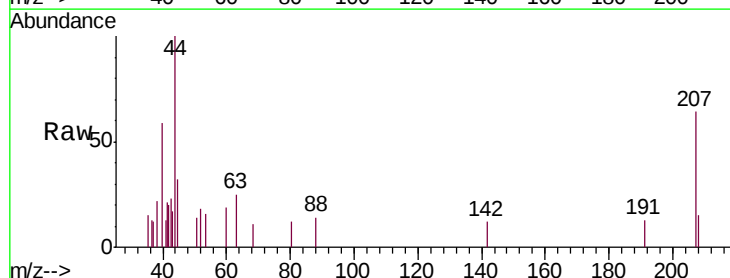


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

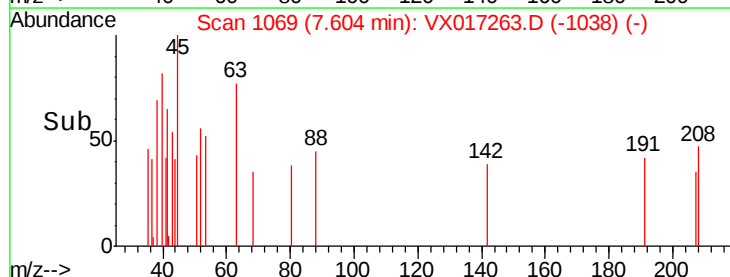
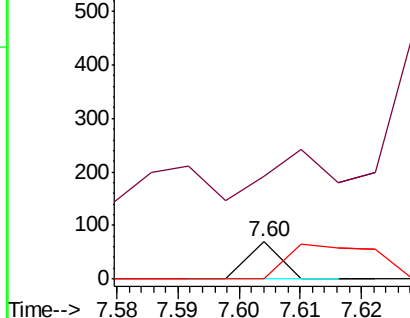


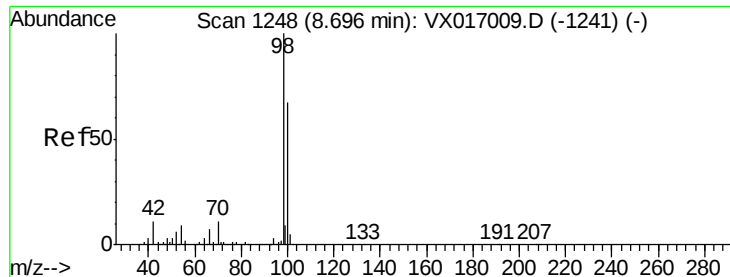
#49
1,4-Dioxane
Concen: 0.354 ug/l
RT: 7.60 min Scan# 1069
Delta R.T. -0.11 min
Lab File: VX017263.D
Acq: 08 Jul 2020 18:09

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 344.0 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

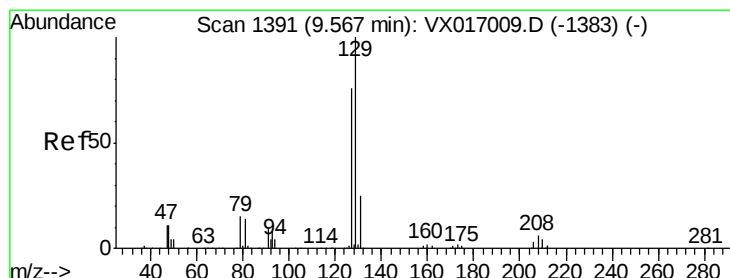
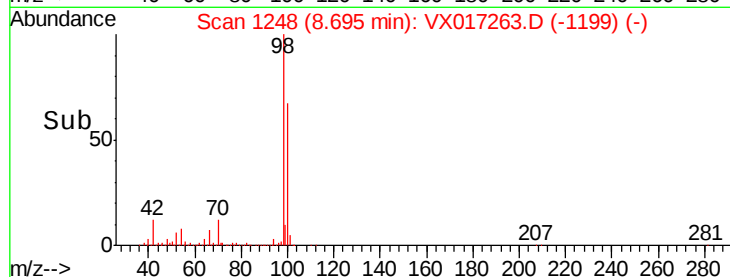
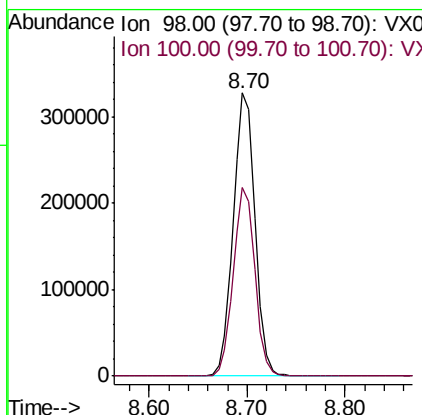
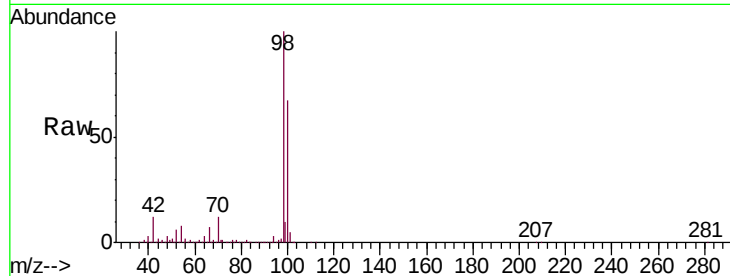




#50
Toluene-d8
Concen: 52.523 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017263.D
Acq: 08 Jul 2020 18:09

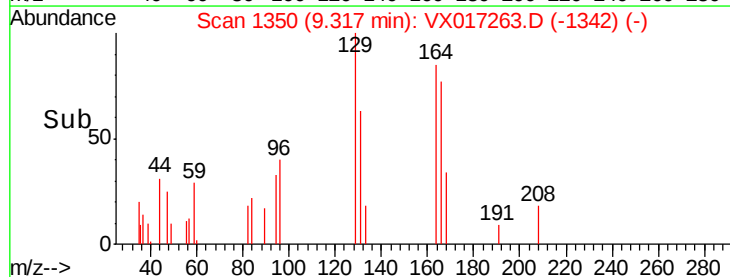
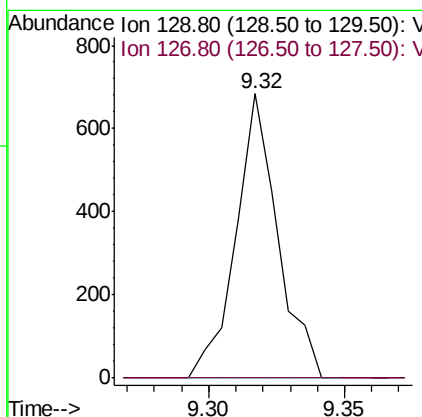
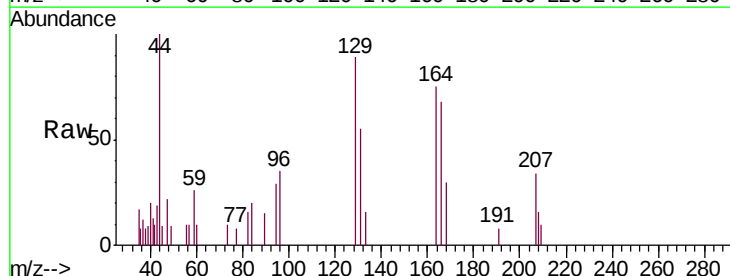
Instrument :
MSVOA_X
ClientSampleId :
E3-41-COMP-1-FLOOR

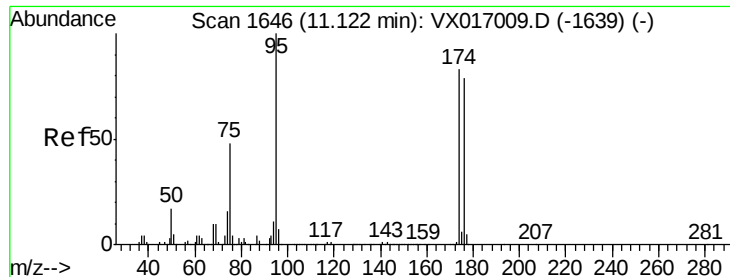
Tgt Ion: 98 Resp: 505610
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



#60
Dibromochloromethane
Concen: 0.214 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX017263.D
Acq: 08 Jul 2020 18:09

Tgt Ion: 129 Resp: 726
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 56.492 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

E3-41-COMP-1-FLOOR

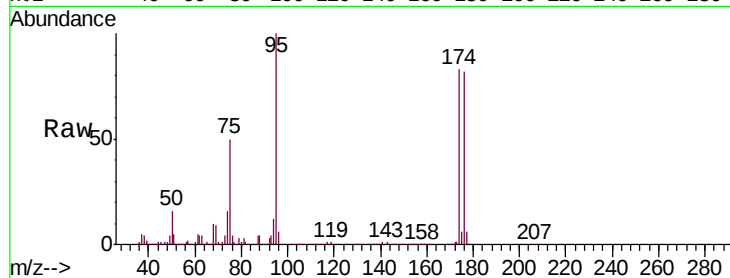
Tgt Ion: 95 Resp: 212586

Ion Ratio Lower Upper

95 100

174 84.6 0.0 164.0

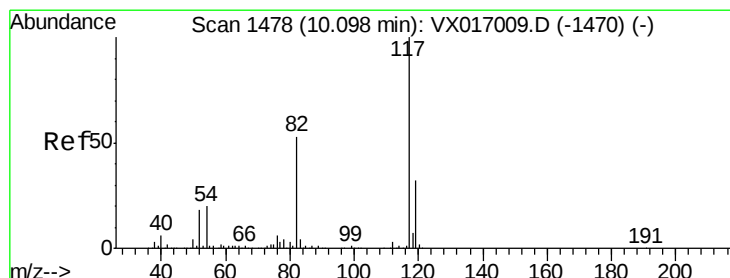
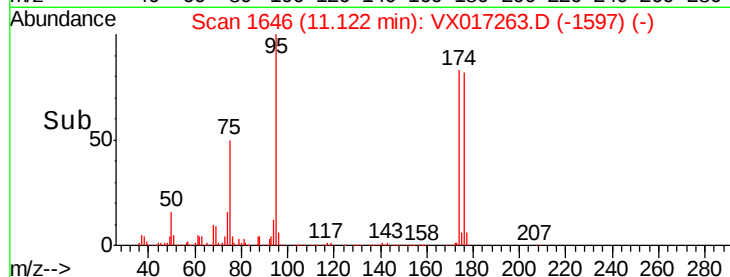
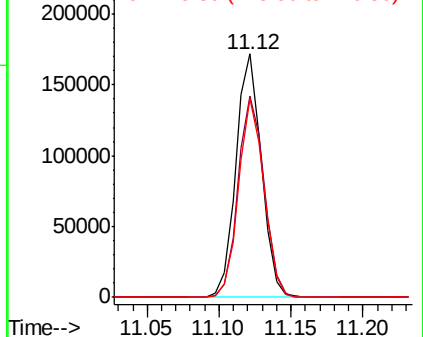
176 81.0 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

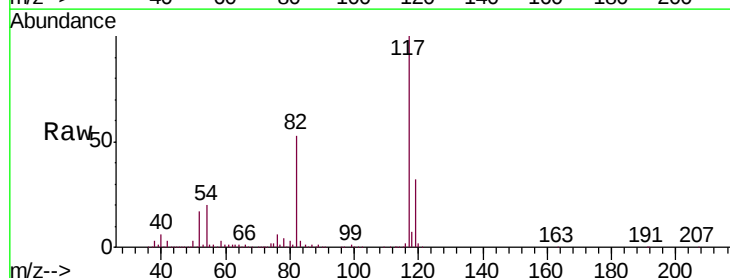
Tgt Ion: 117 Resp: 436430

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

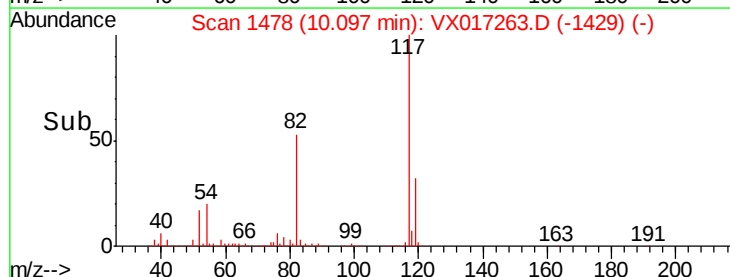
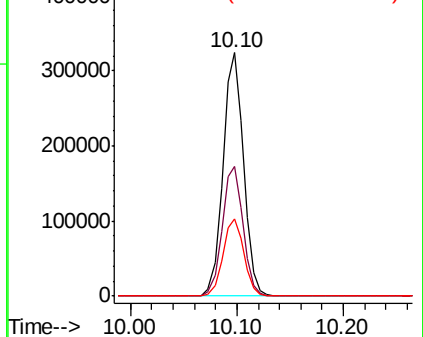
119 31.8 25.4 38.2

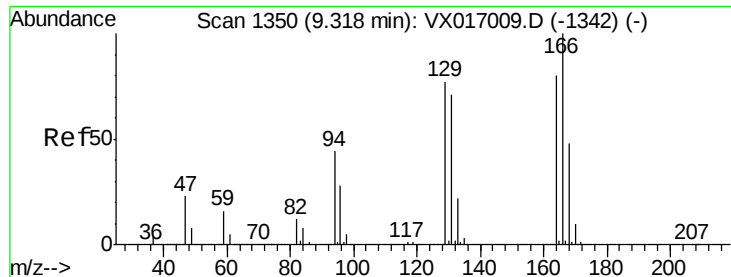


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 0.245 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

E3-41-COMP-1-FLOOR

Tgt Ion:164 Resp: 862

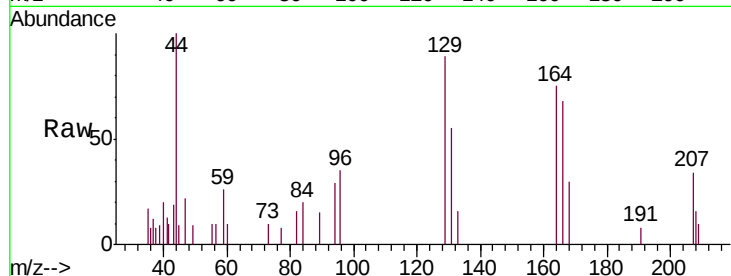
Ion Ratio Lower Upper

164 100

166 90.3 99.4 149.0#

129 117.8 76.3 114.5#

131 73.6 70.6 105.8

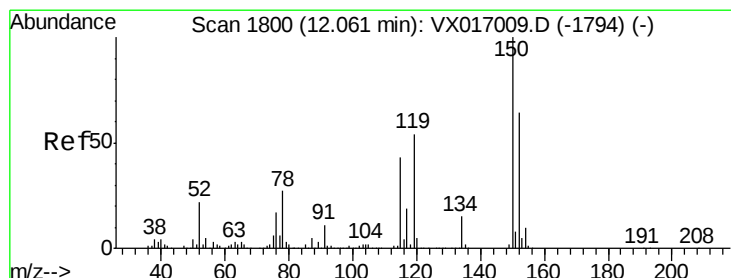
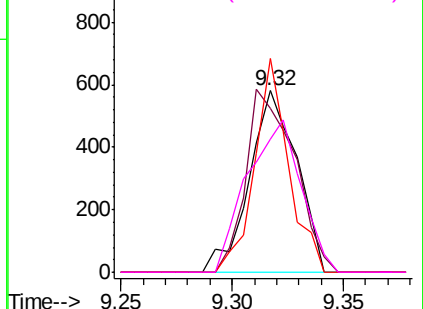
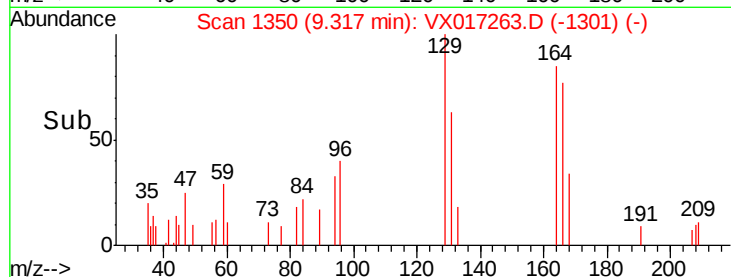


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

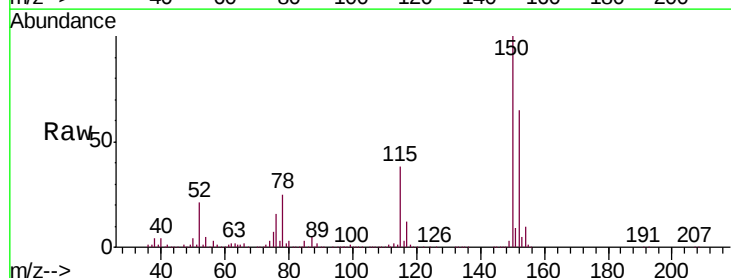
Tgt Ion:152 Resp: 231732

Ion Ratio Lower Upper

152 100

115 56.8 40.9 122.7

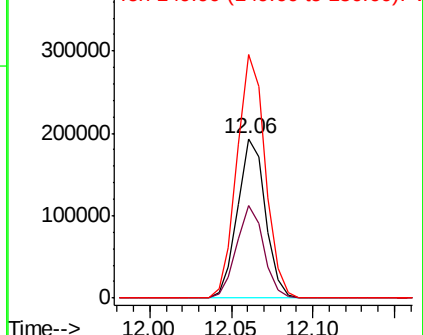
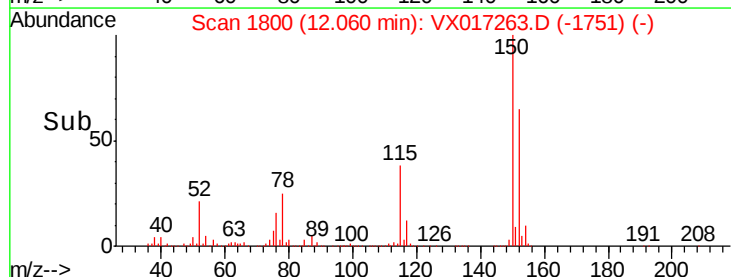
150 154.5 0.0 351.6

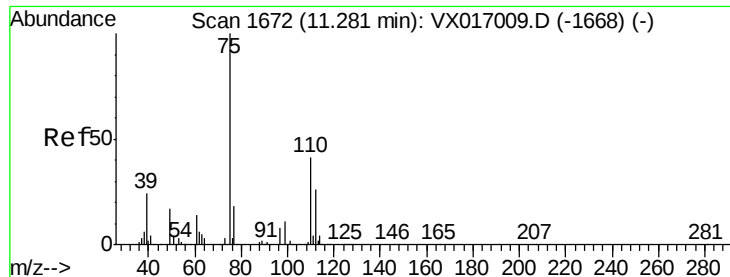


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.276 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

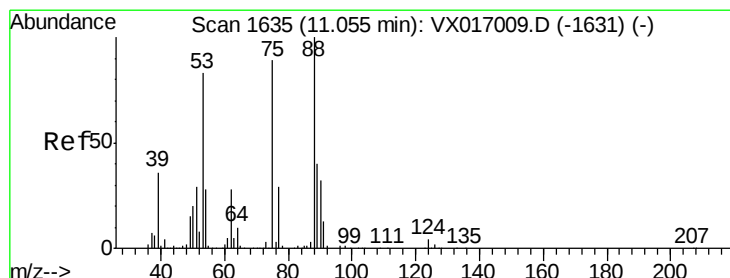
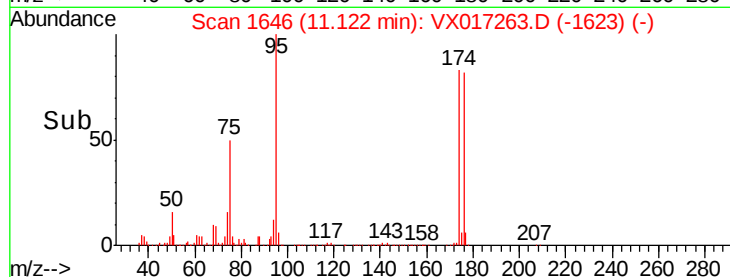
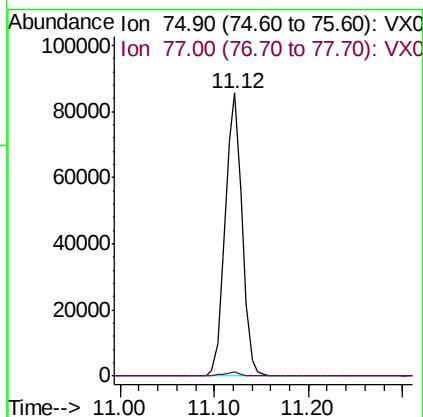
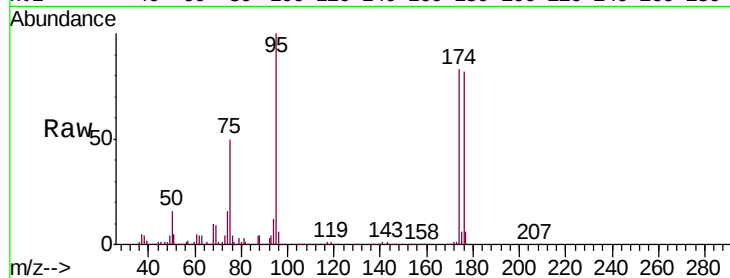
E3-41-COMP-1-FLOOR

Tgt Ion: 75 Resp: 106064

Ion Ratio Lower Upper

75 100

77 1.4 20.2 60.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.275 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017263.D

Acq: 08 Jul 2020 18:09

Tgt Ion: 75 Resp: 106064

Ion Ratio Lower Upper

75 100

53 0.2 72.4 108.6#

89 0.0 37.0 55.4#

