

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
 Data File : VX011369.D
 Acq On : 07 Aug 2019 17:41
 Operator : JC/SP
 Sample : K4220-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20D_080619

Quant Time: Aug 08 07:05:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

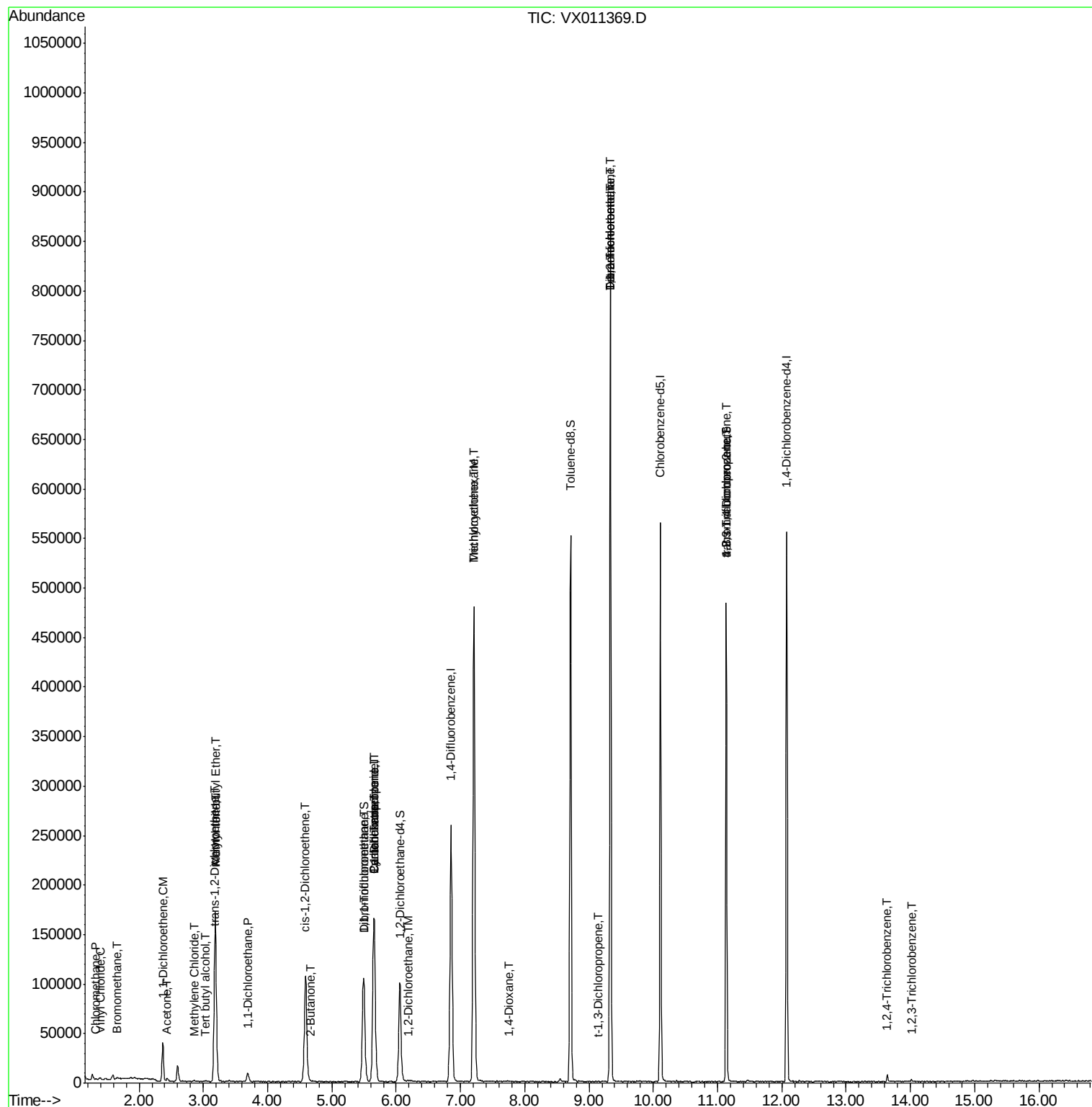
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93792	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
35) Dibromofluoromethane	5.49	113	86190	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	326345	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	115260	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	559	0.387	ug/l #	85
4) Vinyl Chloride	1.40	62	880	0.553	ug/l	89
5) Bromomethane	1.66	94	464	0.409	ug/l #	60
6) Chloroethane	1.73	64	553	Below Cal	#	37
11) Tert butyl alcohol	3.03	59	933	2.810	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	13219	8.715	ug/l	92
15) Acrylonitrile	3.19	53	2639	3.303	ug/l #	27
16) Acetone	2.43	43	3601	4.506	ug/l #	80
19) Methyl tert-butyl Ether	3.18	73	196199	43.894	ug/l	98
20) Methylene Chloride	2.85	84	352	0.201	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	777	0.484	ug/l	87
24) 1,1-Dichloroethane	3.69	63	8877	3.387	ug/l	93
25) 2-Butanone	4.67	43	386	0.340	ug/l #	46
27) cis-1,2-Dichloroethene	4.59	96	72527	39.245	ug/l	91
31) Cyclohexane	5.66	56	3315	1.533	ug/l #	16
32) 1,1,1-Trichloroethane	5.49	97	1476	0.605	ug/l #	39
36) 1,1-Dichloropropene	5.66	75	11538	4.966	ug/l #	39
38) Carbon Tetrachloride	5.65	117	15934	6.817	ug/l #	14
39) Methylcyclohexane	7.21	83	2232	0.810	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	883	0.377	ug/l	78
44) Trichloroethene	7.21	130	189139	90.130	ug/l	99
49) 1,4-Dioxane	7.75	88	377	7.416	ug/l #	84
53) t-1,3-Dichloropropene	9.13	75	19	2.845	ug/l #	1
55) 1,1,2-Trichloroethane	9.33	97	1412	0.749	ug/l #	2
60) Dibromochloromethane	9.34	129	162243	84.083	ug/l #	10
64) Tetrachloroethene	9.34	164	173434	80.363	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	57439	26.310	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	57439	68.421	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	1610	0.601	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	568	0.209	ug/l	93

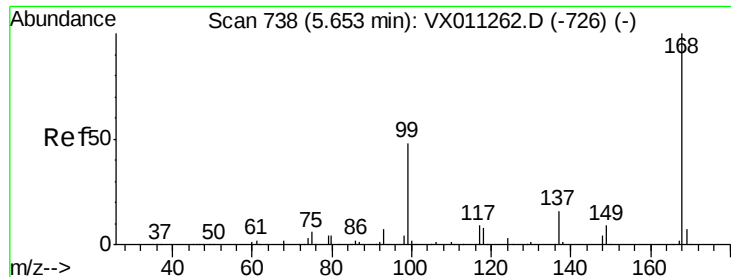
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

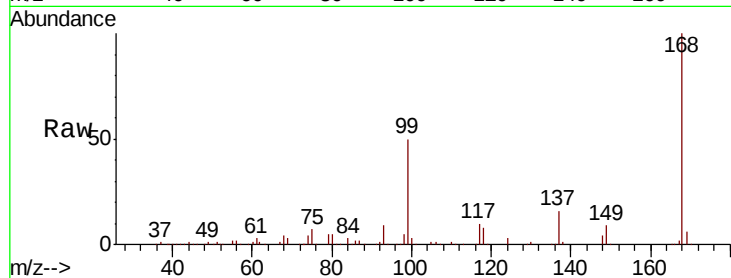
MW-20D_080619

Tgt Ion:168 Resp: 166707

Ion Ratio Lower Upper

168 100

99 50.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

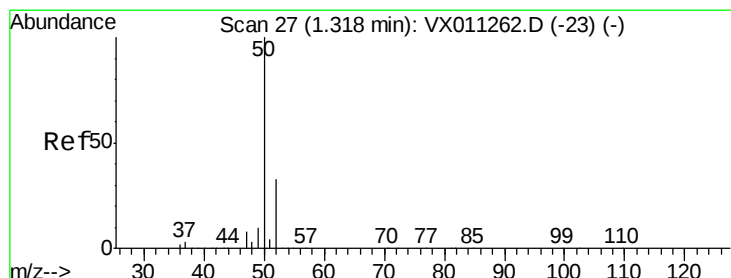
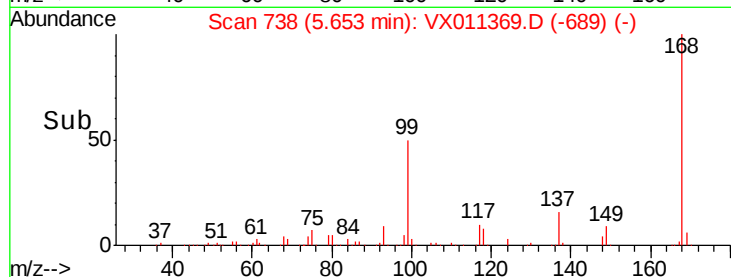
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.387 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX011369.D

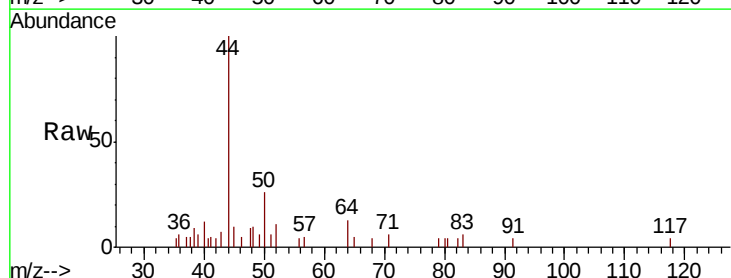
Acq: 07 Aug 2019 17:41

Tgt Ion: 50 Resp: 559

Ion Ratio Lower Upper

50 100

52 41.3 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

300

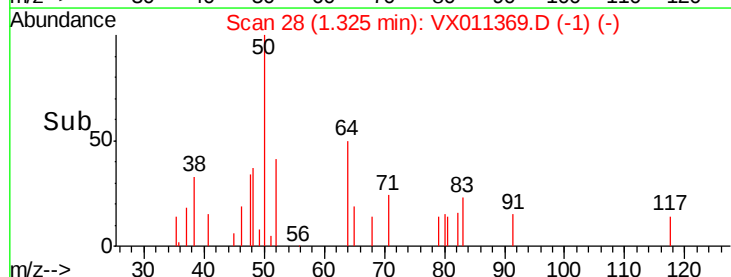
200

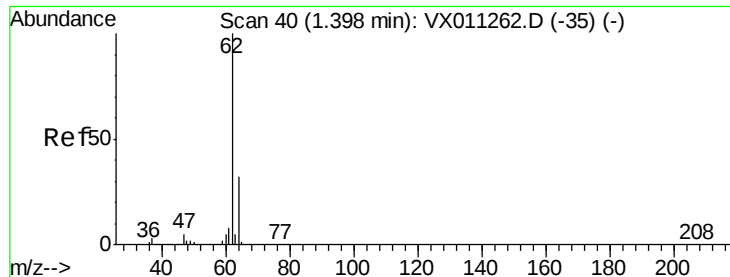
100

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 0.553 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

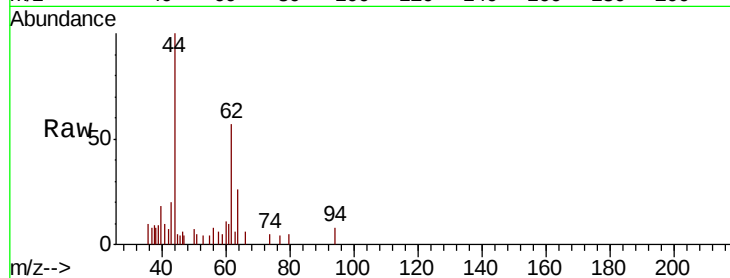
MW-20D_080619

Tgt Ion: 62 Resp: 880

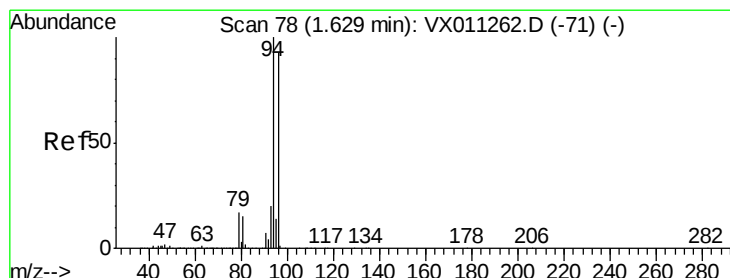
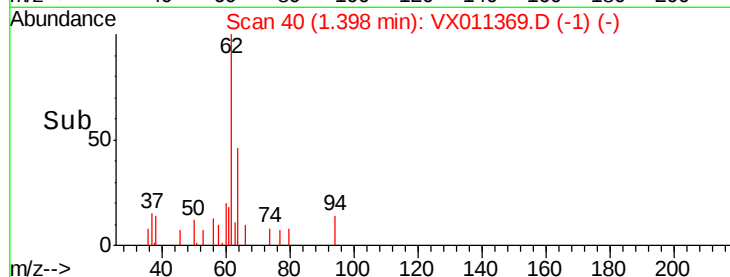
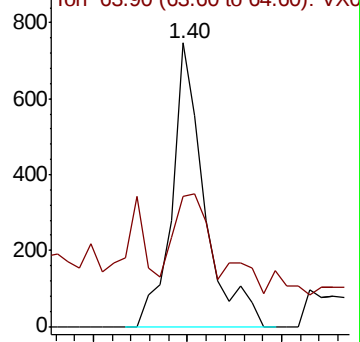
Ion Ratio Lower Upper

62 100

64 26.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0



#5

Bromomethane

Concen: 0.409 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.03 min

Lab File: VX011369.D

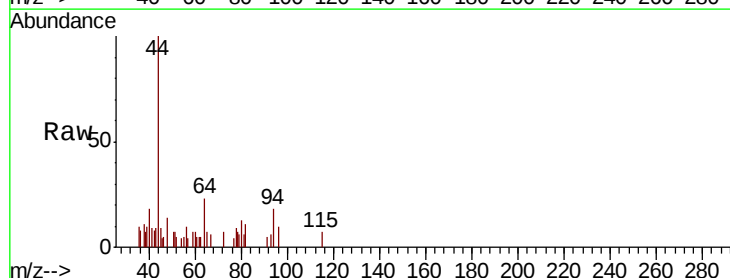
Acq: 07 Aug 2019 17:41

Tgt Ion: 94 Resp: 464

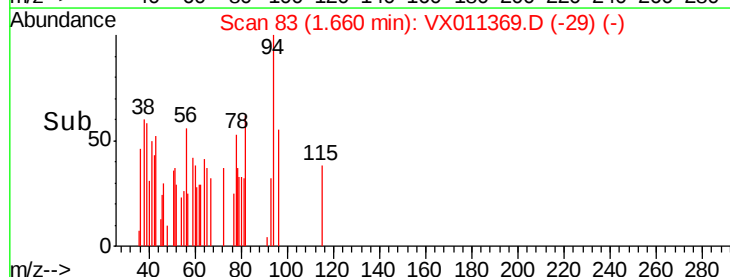
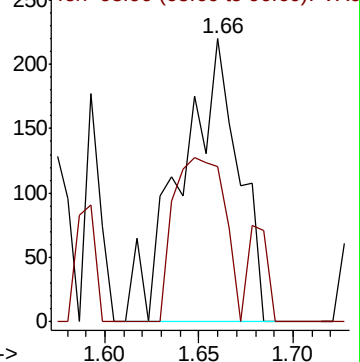
Ion Ratio Lower Upper

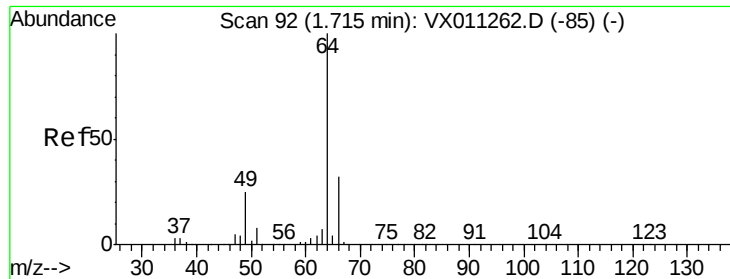
94 100

96 55.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

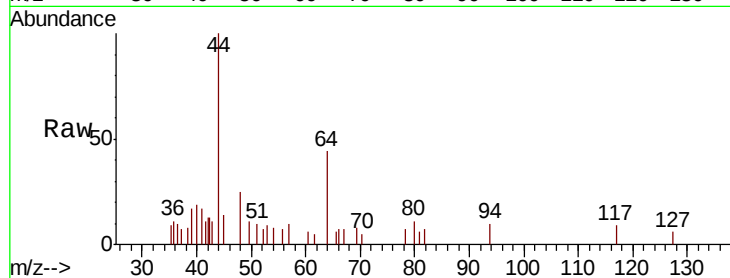
MW-20D_080619

Tgt Ion: 64 Resp: 553

Ion Ratio Lower Upper

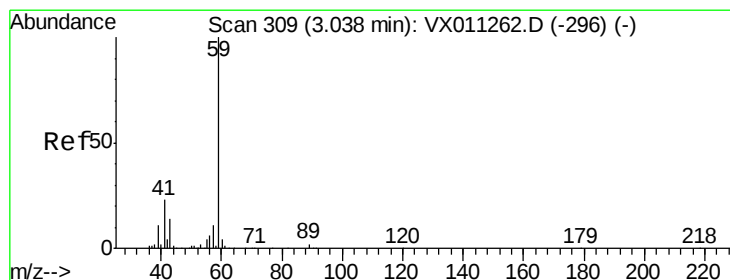
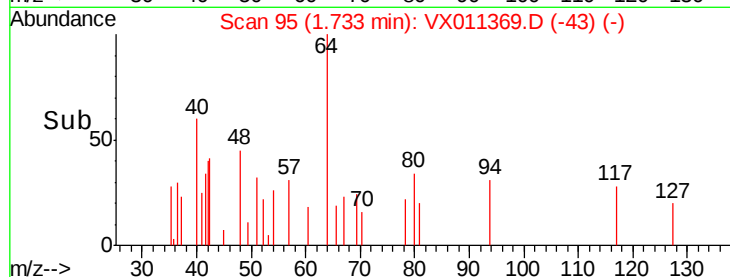
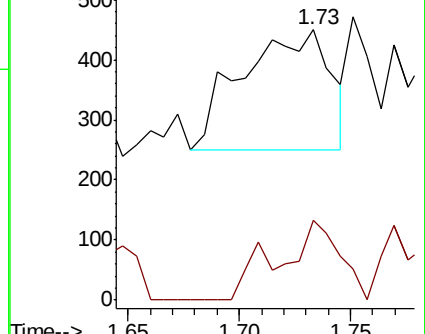
64 100

66 66.2 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 2.810 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX011369.D

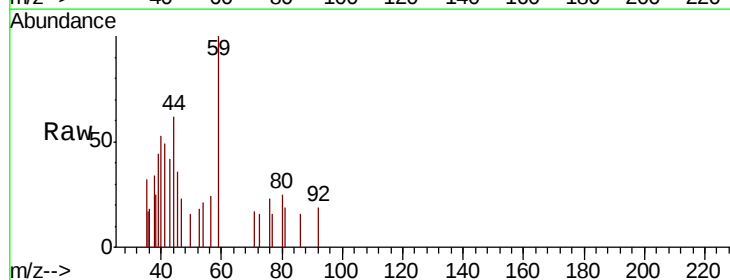
Acq: 07 Aug 2019 17:41

Tgt Ion: 59 Resp: 933

Ion Ratio Lower Upper

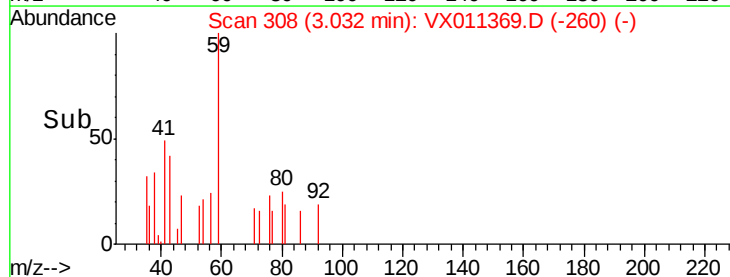
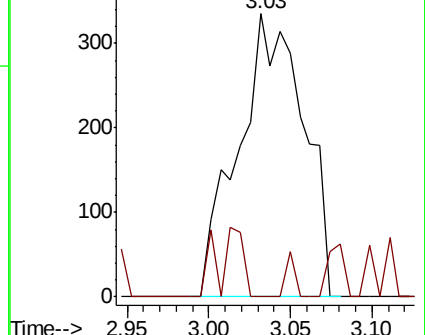
59 100

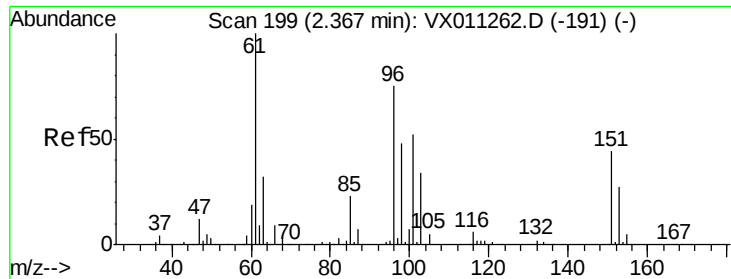
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 8.715 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

MW-20D_080619

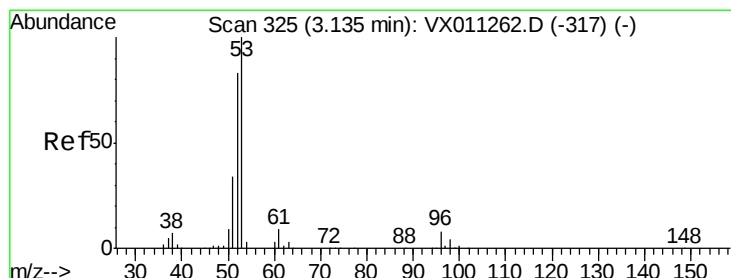
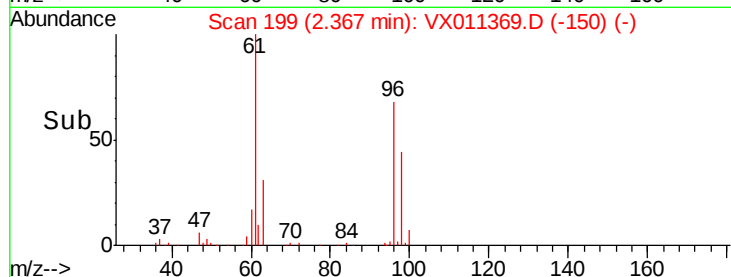
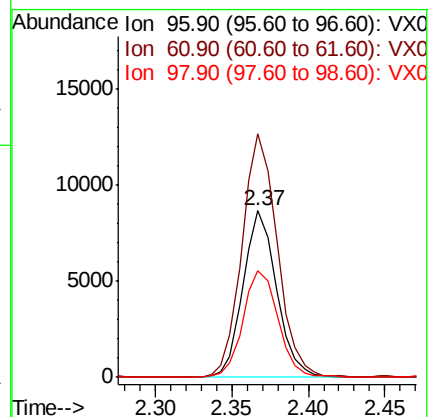
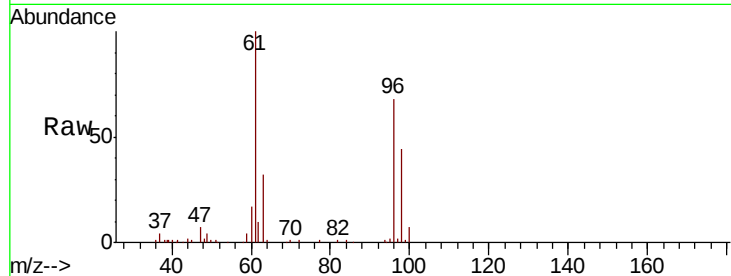
Tgt Ion: 96 Resp: 13219

Ion Ratio Lower Upper

96 100

61 145.7 106.2 159.2

98 64.4 50.6 75.8



#15

Acrylonitrile

Concen: 3.303 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.06 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

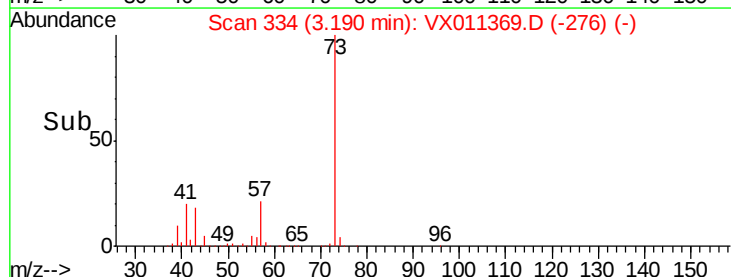
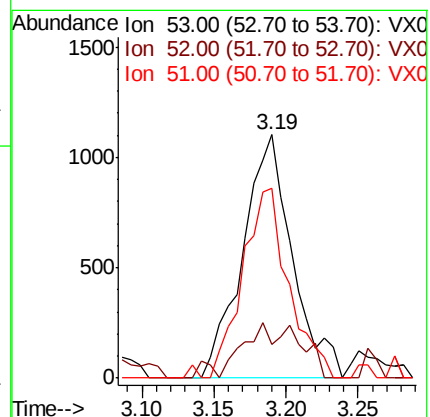
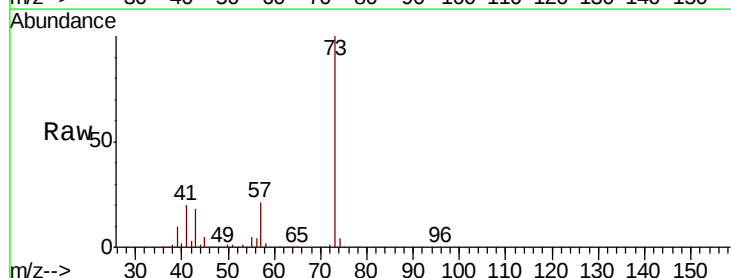
Tgt Ion: 53 Resp: 2639

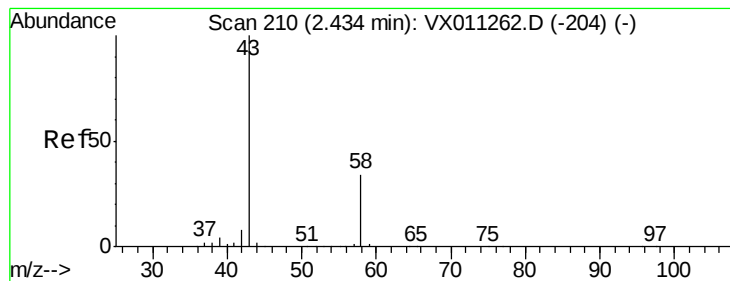
Ion Ratio Lower Upper

53 100

52 13.1 65.5 98.3#

51 72.1 27.9 41.9#





#16

Acetone

Concen: 4.506 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

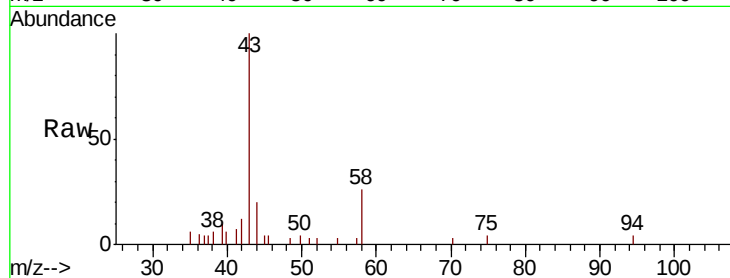
MW-20D_080619

Tgt Ion: 43 Resp: 3601

Ion Ratio Lower Upper

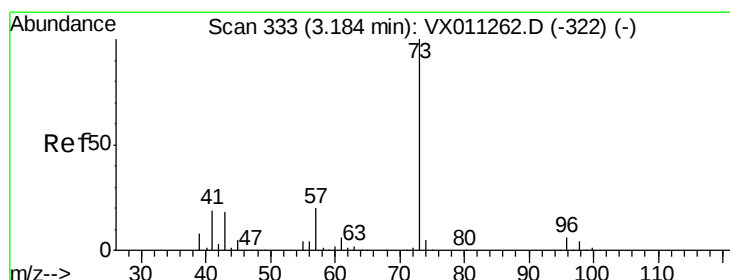
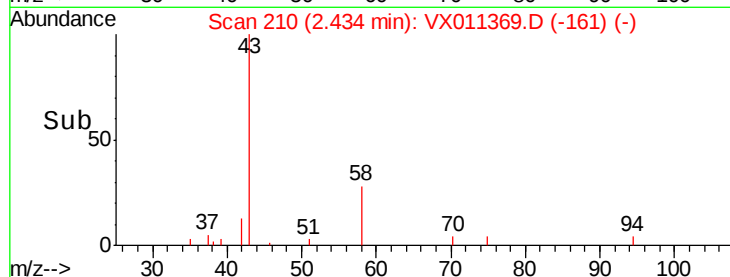
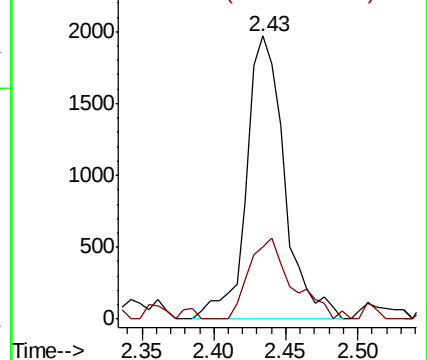
43 100

58 22.5 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 43.894 ug/l

RT: 3.18 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX011369.D

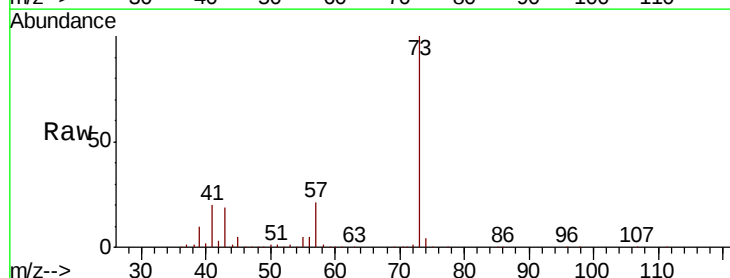
Acq: 07 Aug 2019 17:41

Tgt Ion: 73 Resp: 196199

Ion Ratio Lower Upper

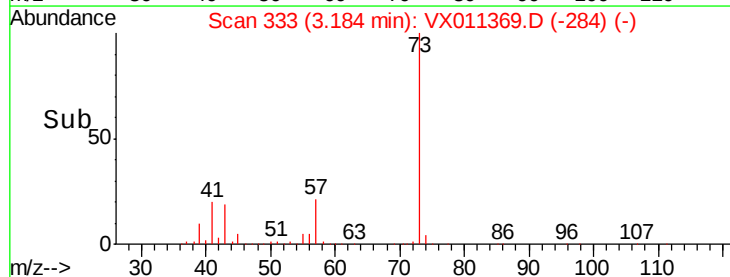
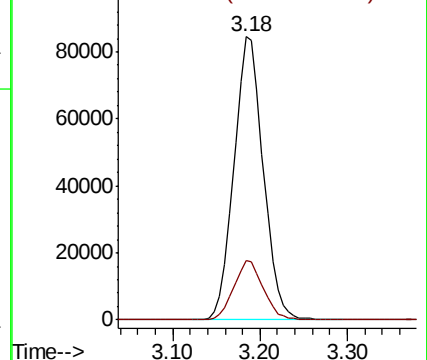
73 100

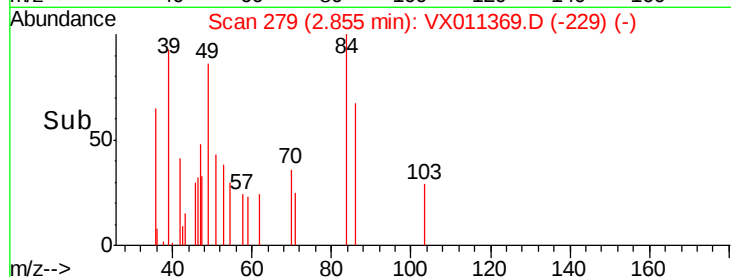
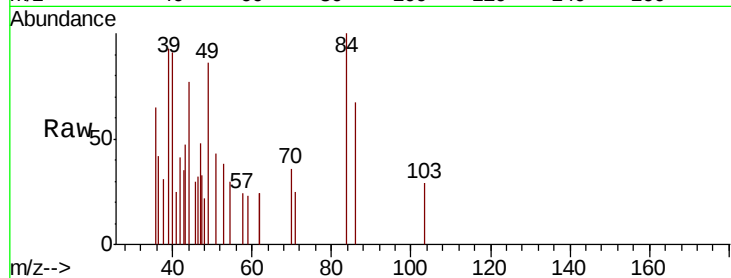
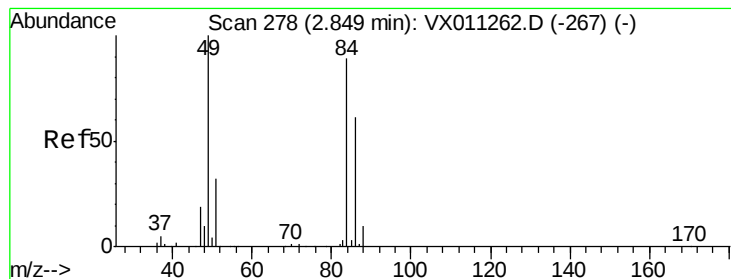
57 21.1 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#20

Methylene Chloride

Concen: 0.201 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

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ClientSampleId :

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Tgt Ion: 84 Resp: 352

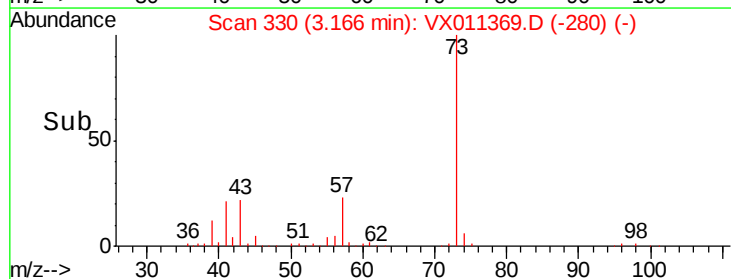
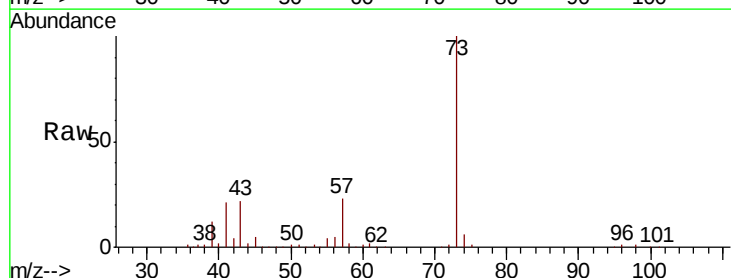
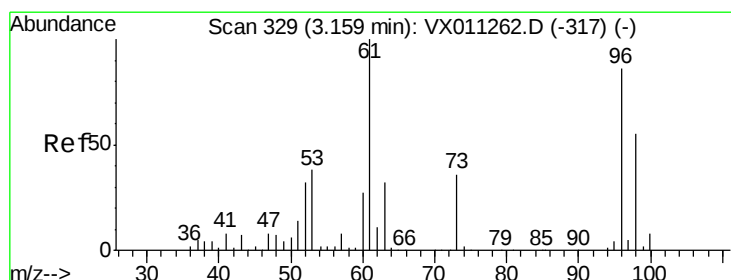
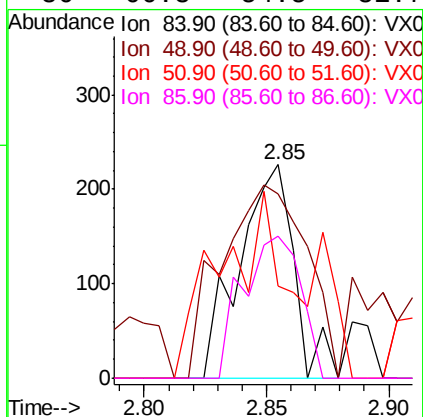
Ion Ratio Lower Upper

84 100

49 86.3 89.3 133.9#

51 12.4 28.3 42.5#

86 66.8 54.5 81.7



#21

trans-1,2-Dichloroethene

Concen: 0.484 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

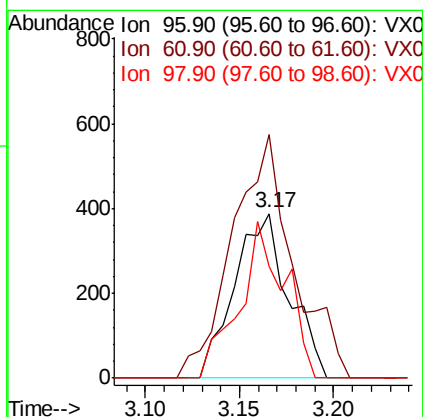
Tgt Ion: 96 Resp: 777

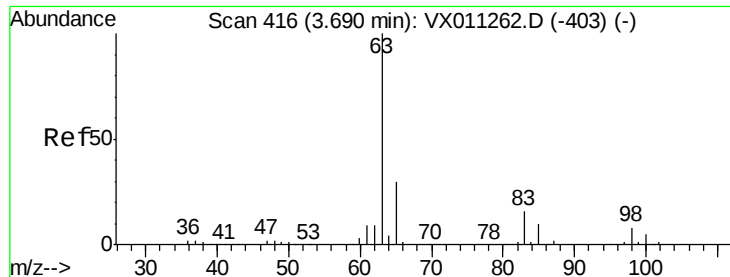
Ion Ratio Lower Upper

96 100

61 134.3 92.8 139.2

98 67.8 51.2 76.8





#24

1,1-Dichloroethane

Concen: 3.387 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

MW-20D_080619

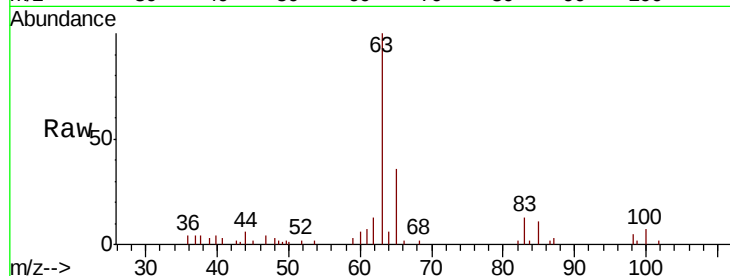
Tgt Ion: 63 Resp: 8877

Ion Ratio Lower Upper

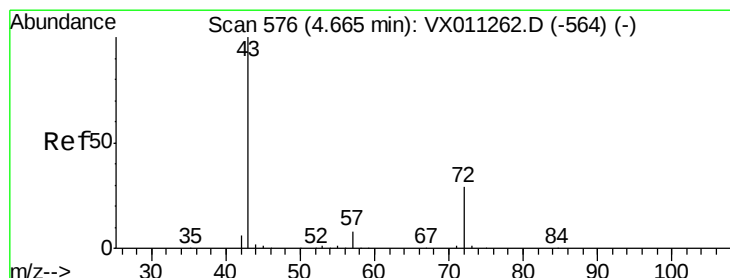
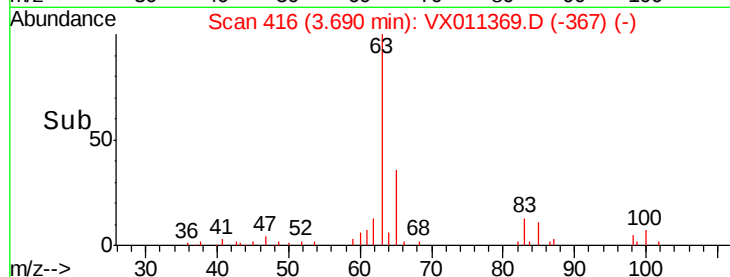
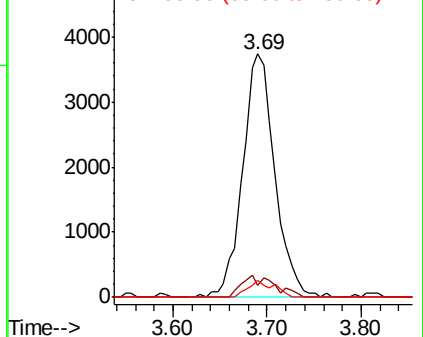
63 100

98 5.0 3.9 11.5

100 7.0 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.340 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011369.D

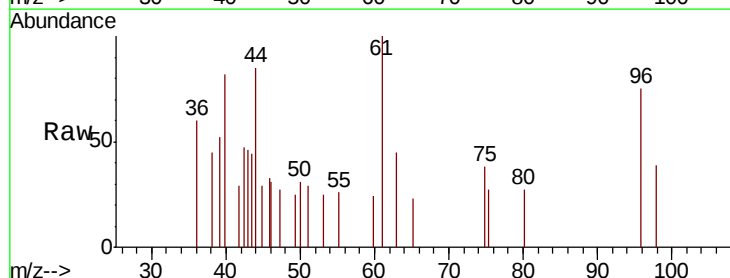
Acq: 07 Aug 2019 17:41

Tgt Ion: 43 Resp: 386

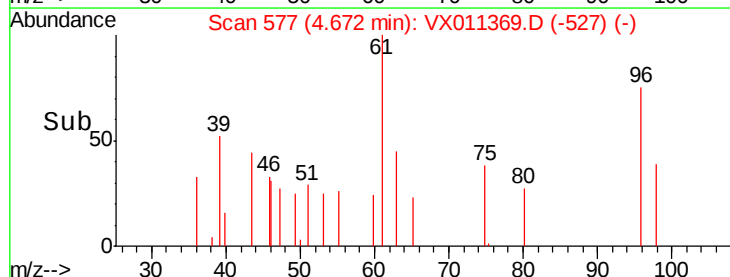
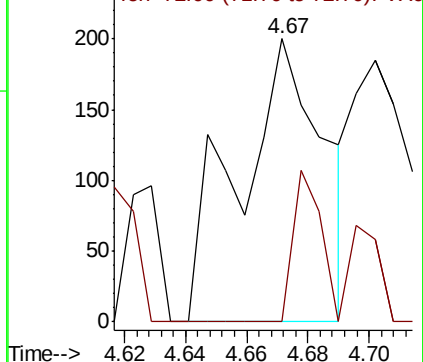
Ion Ratio Lower Upper

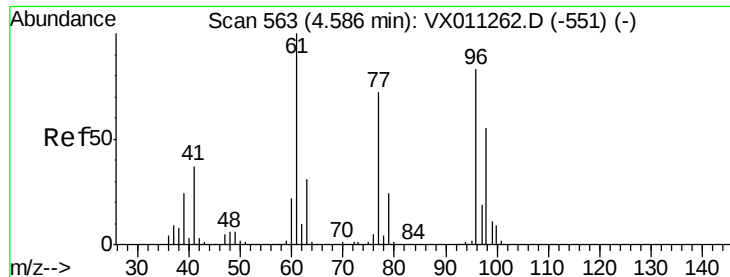
43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



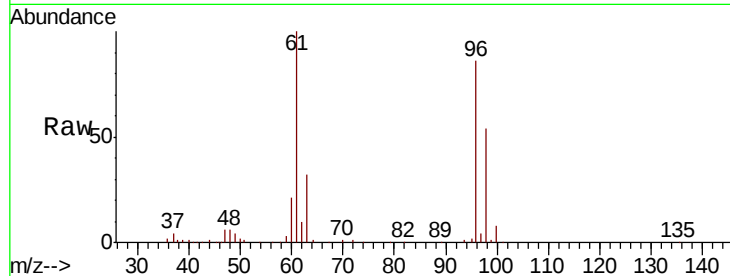


#27

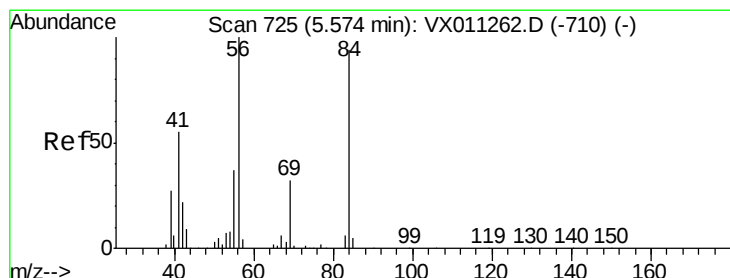
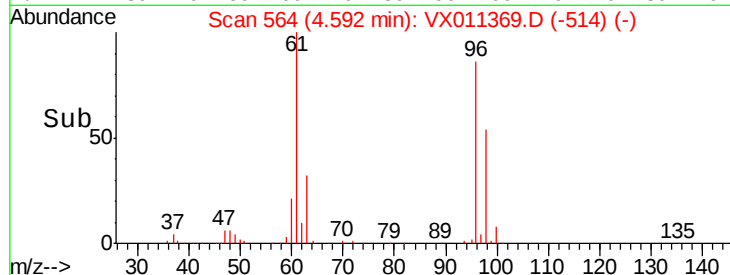
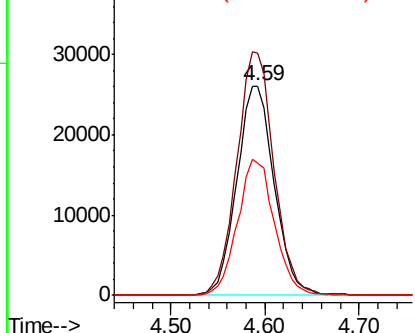
cis-1,2-Dichloroethene
 Concen: 39.245 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011369.D
 Acq: 07 Aug 2019 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20D_080619

Tgt Ion: 96 Resp: 72527
 Ion Ratio Lower Upper
 96 100
 61 115.8 0.0 260.2
 98 64.0 0.0 133.2



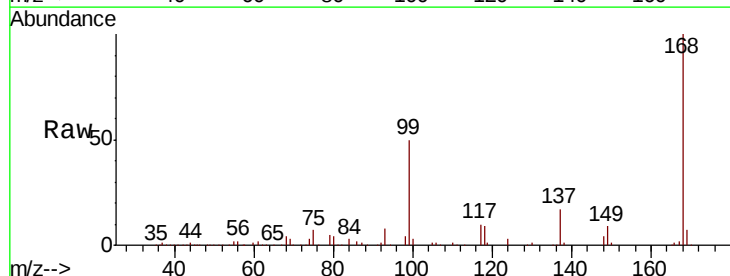
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



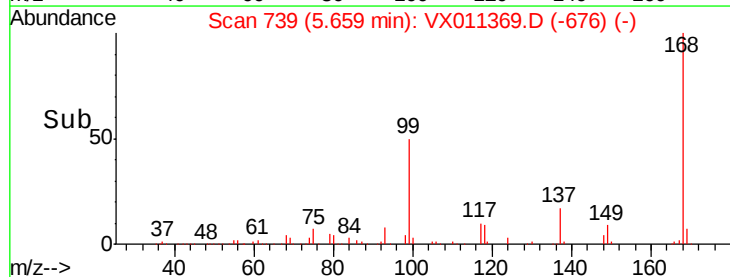
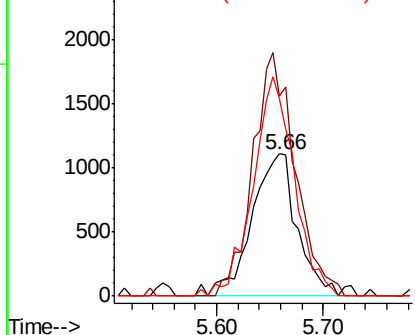
#31

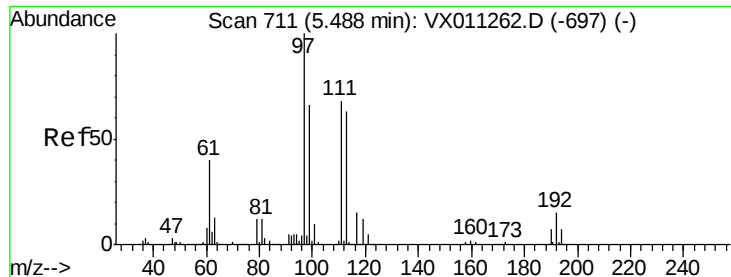
Cyclohexane
 Concen: 1.533 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.09 min
 Lab File: VX011369.D
 Acq: 07 Aug 2019 17:41

Tgt Ion: 56 Resp: 3315
 Ion Ratio Lower Upper
 56 100
 69 140.6 25.5 38.3#
 84 138.5 75.0 112.4#



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





#32

1,1,1-Trichloroethane

Concen: 0.605 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

MW-20D_080619

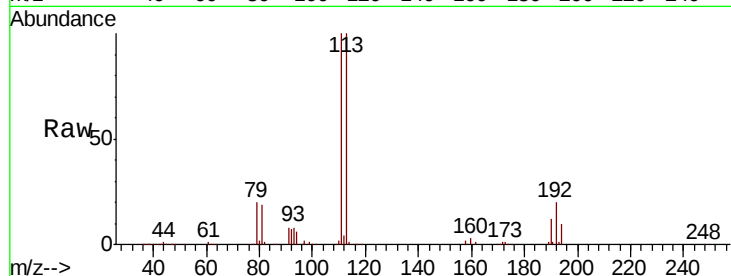
Tgt Ion: 97 Resp: 1476

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

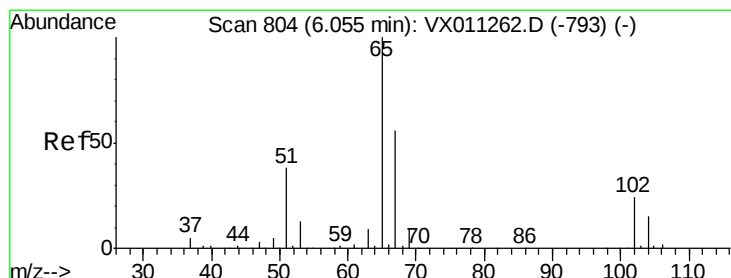
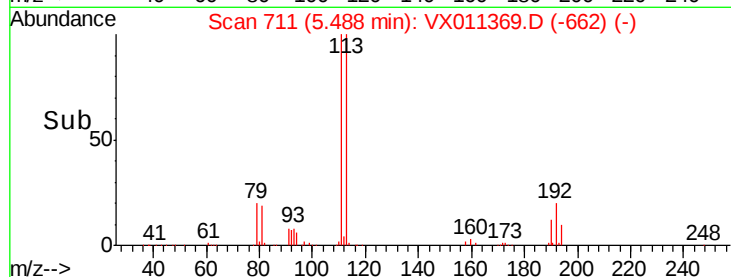
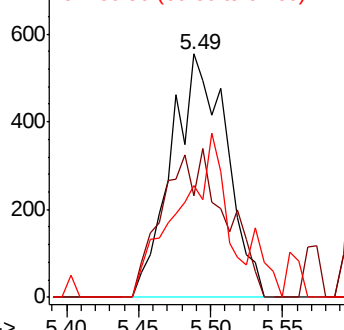
61 58.0 32.3 48.5#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.868 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011369.D

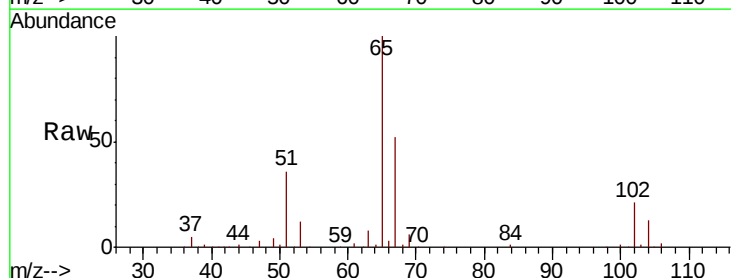
Acq: 07 Aug 2019 17:41

Tgt Ion: 65 Resp: 93792

Ion Ratio Lower Upper

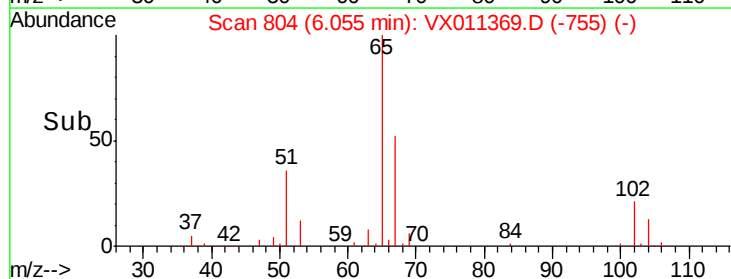
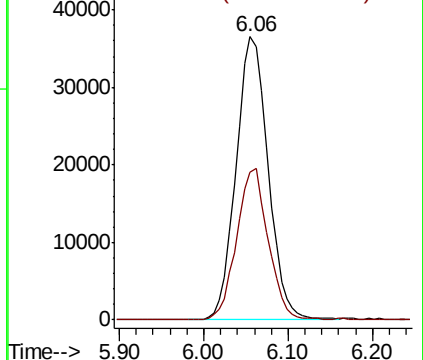
65 100

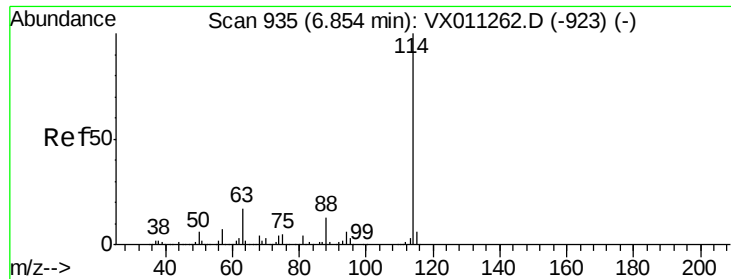
67 52.8 0.0 110.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

MW-20D_080619

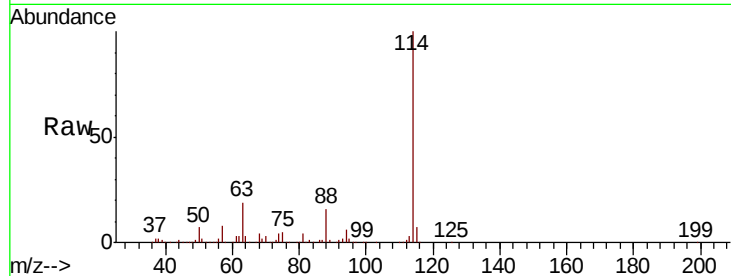
Tgt Ion:114 Resp: 266103

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

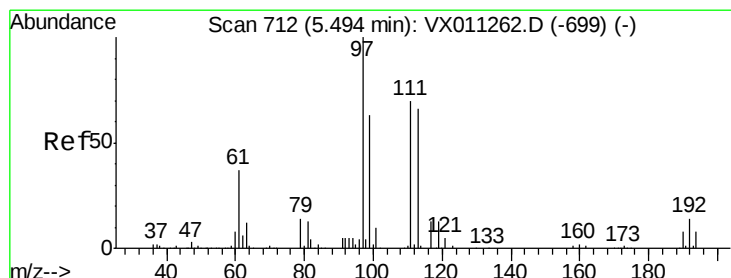
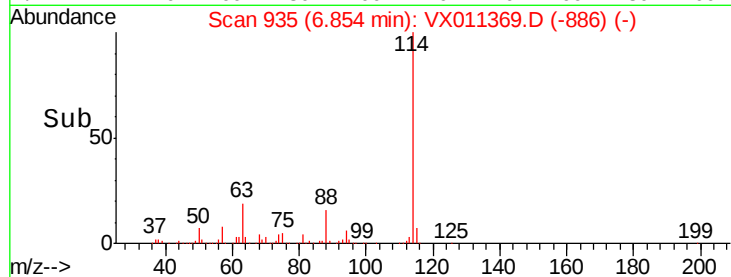
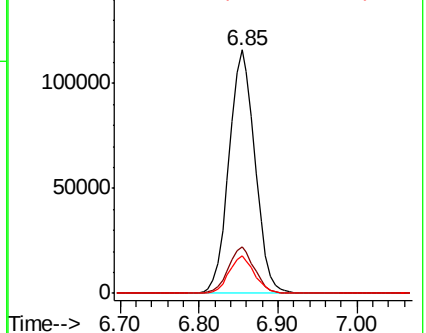
88 15.6 0.0 26.4



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: 49.611 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

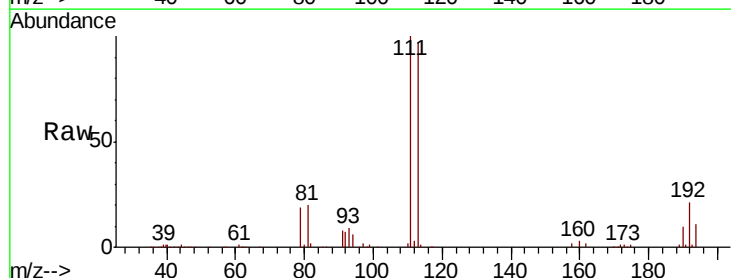
Tgt Ion:113 Resp: 86190

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

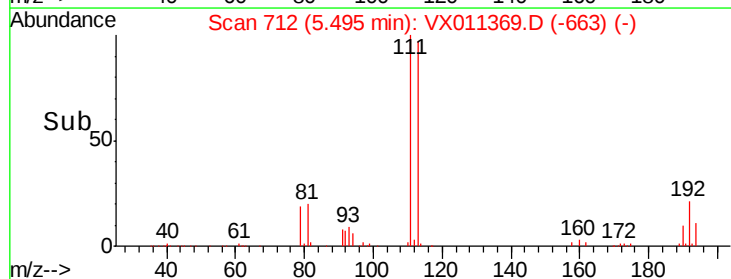
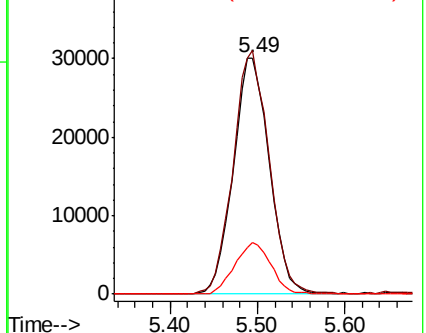
192 22.0 17.8 26.8

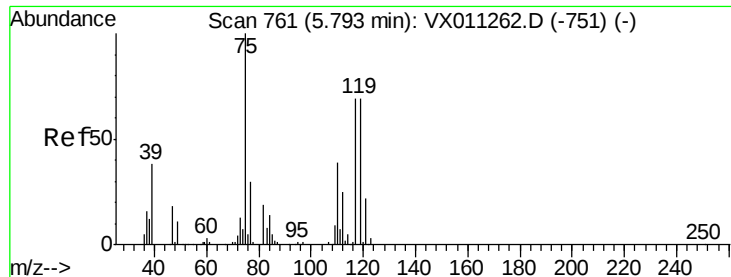


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.966 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

MW-20D_080619

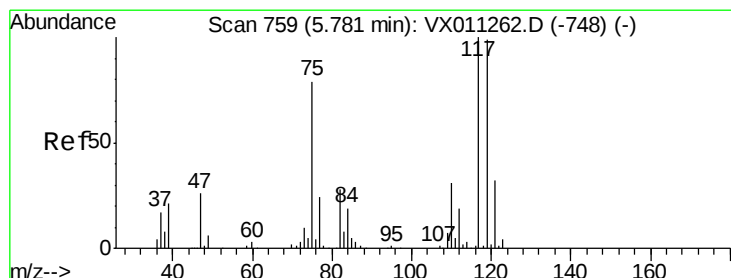
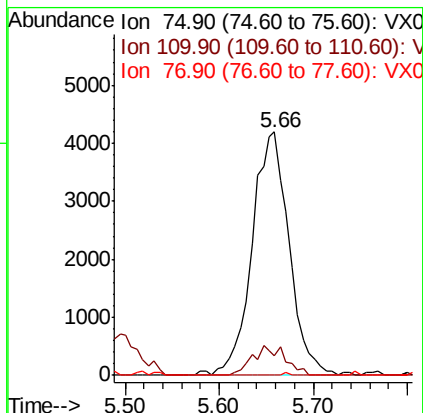
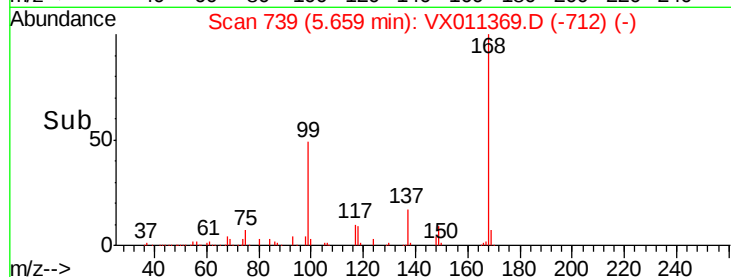
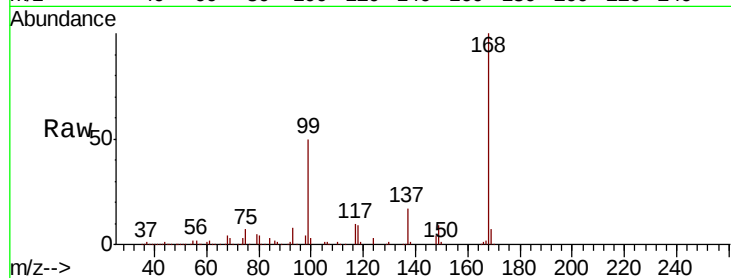
Tgt Ion: 75 Resp: 11538

Ion Ratio Lower Upper

75 100

110 0.0 20.0 59.9#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.817 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

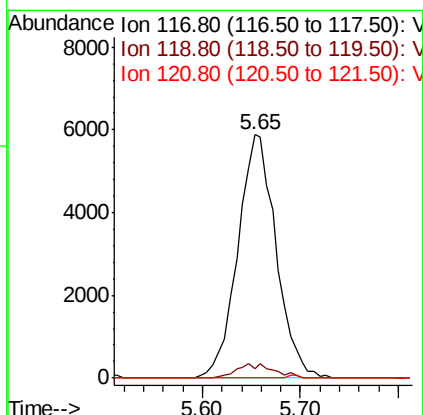
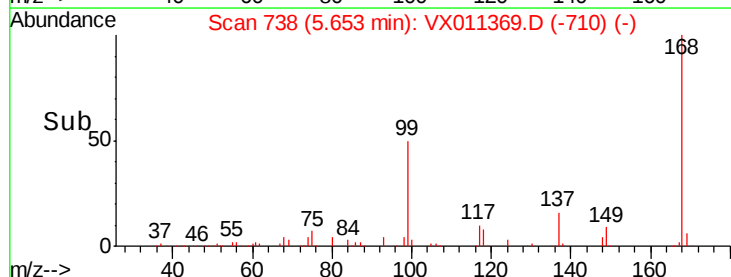
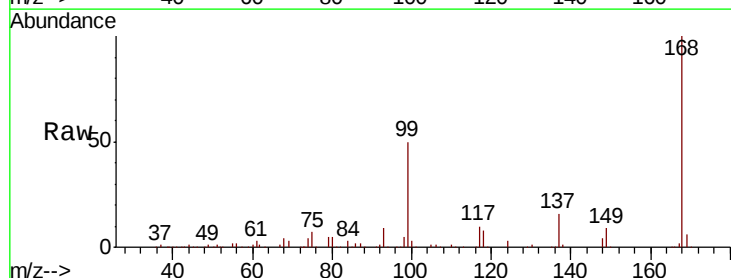
Tgt Ion: 117 Resp: 15934

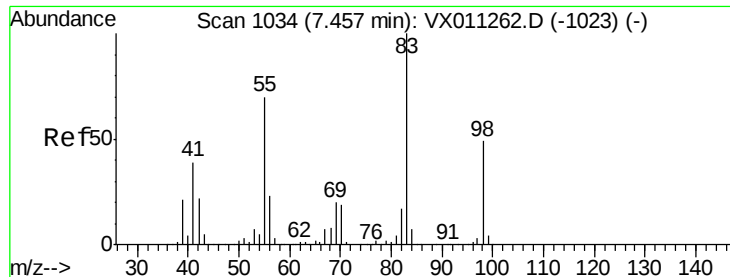
Ion Ratio Lower Upper

117 100

119 4.0 79.0 118.4#

121 0.0 25.9 38.9#

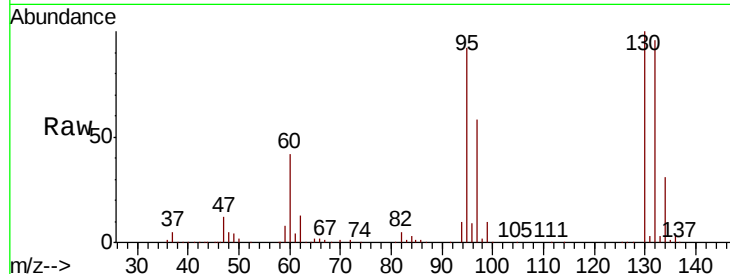




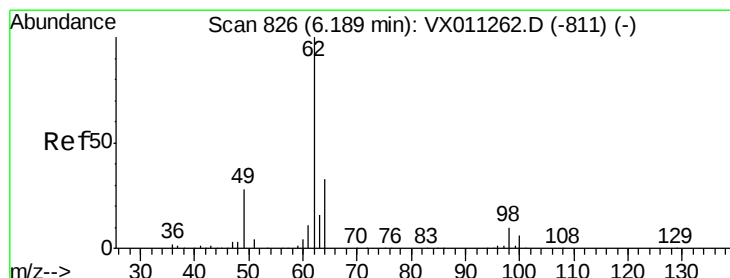
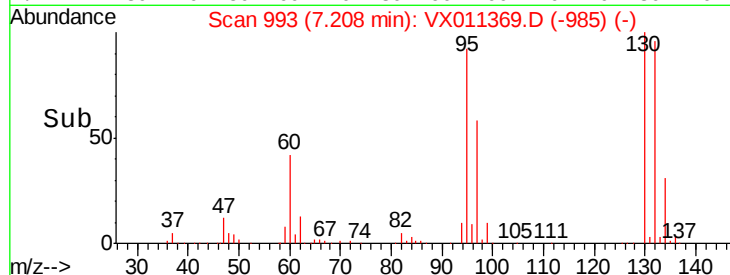
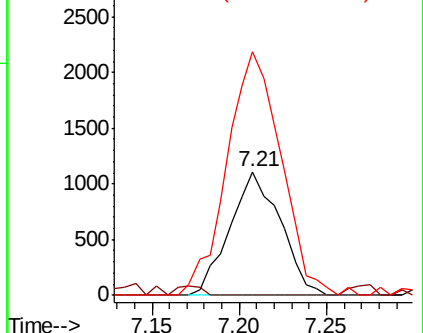
#39
Methylcyclohexane
Concen: 0.810 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.25 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-20D_080619

Tgt Ion: 83 Resp: 2232
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 196.7 39.0 58.4#

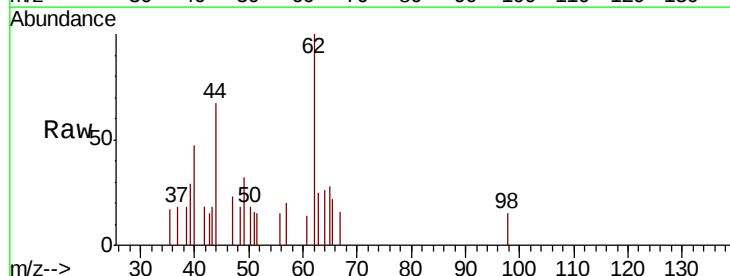


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

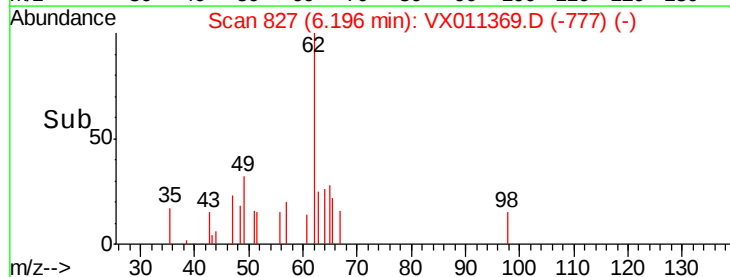
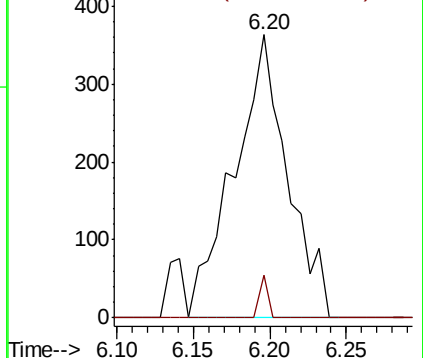


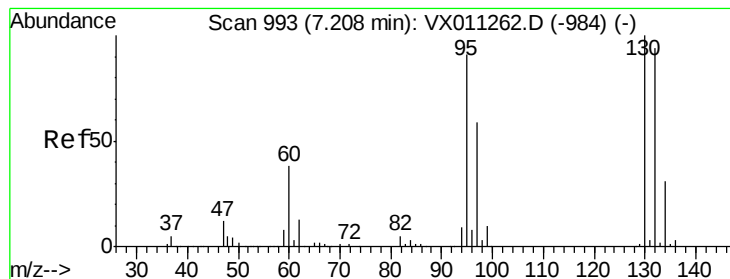
#42
1,2-Dichloroethane
Concen: 0.377 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Tgt Ion: 62 Resp: 883
Ion Ratio Lower Upper
62 100
98 2.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 90.130 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

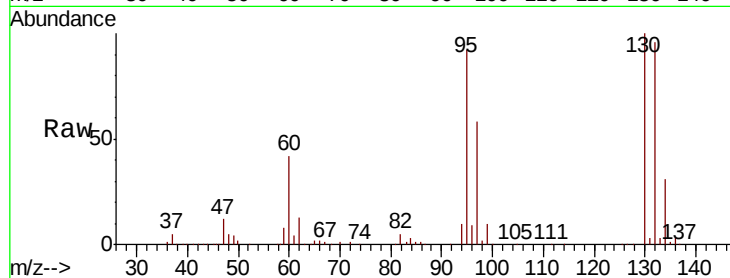
MW-20D_080619

Tgt Ion:130 Resp: 189139

Ion Ratio Lower Upper

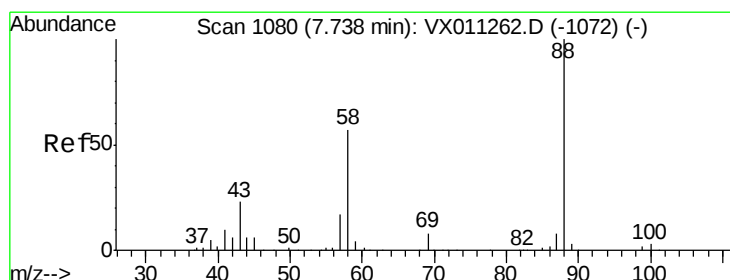
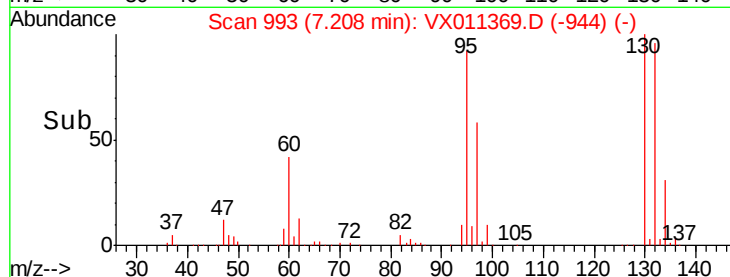
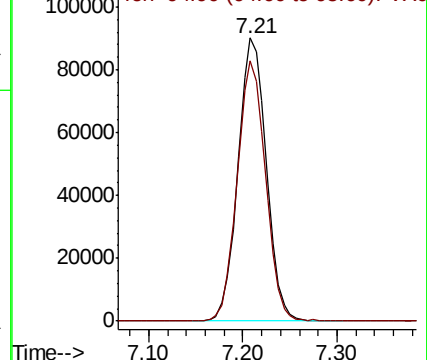
130 100

95 92.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 7.416 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

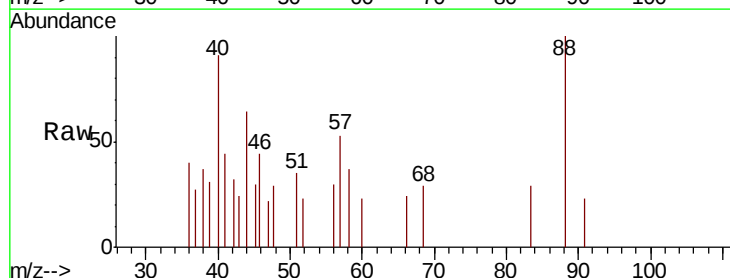
Tgt Ion: 88 Resp: 377

Ion Ratio Lower Upper

88 100

43 40.1 22.2 33.2#

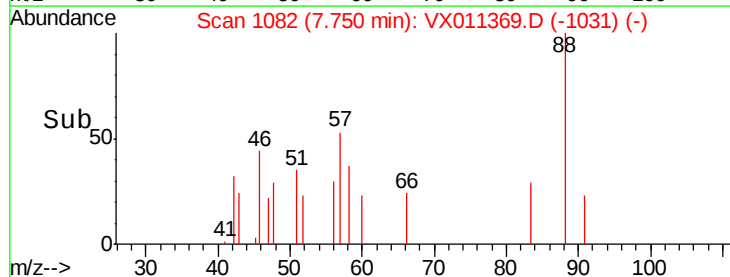
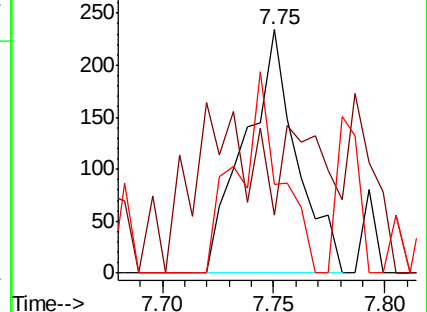
58 68.7 47.8 71.8

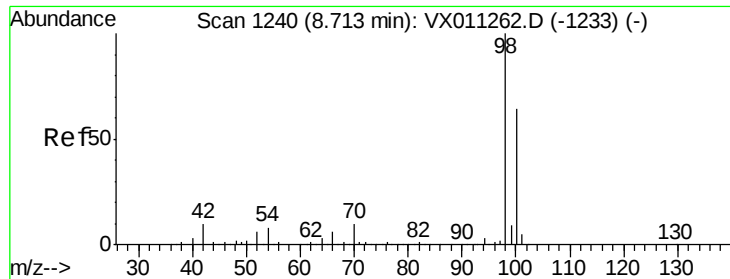


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.764 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

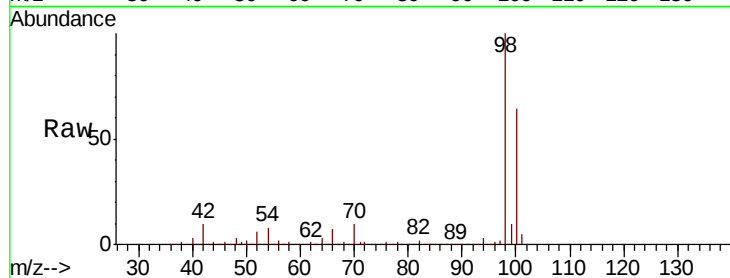
MW-20D_080619

Tgt Ion: 98 Resp: 326345

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

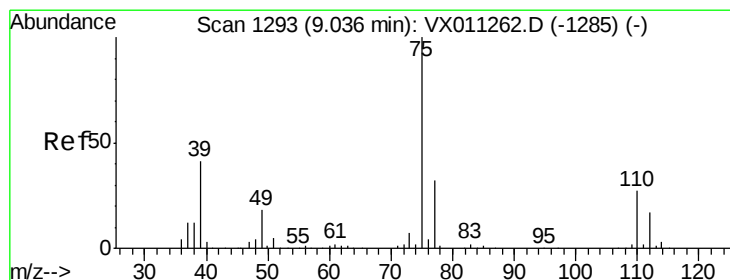
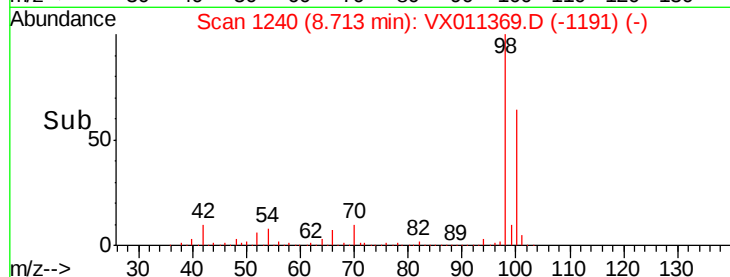
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#53

t-1,3-Dichloropropene

Concen: 2.845 ug/l

RT: 9.13 min Scan# 1309

Delta R.T. 0.10 min

Lab File: VX011369.D

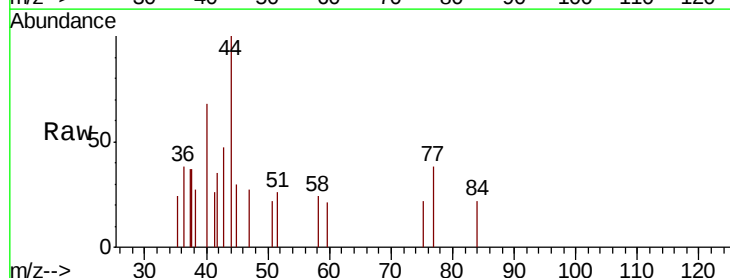
Acq: 07 Aug 2019 17:41

Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 173.6 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

100

80

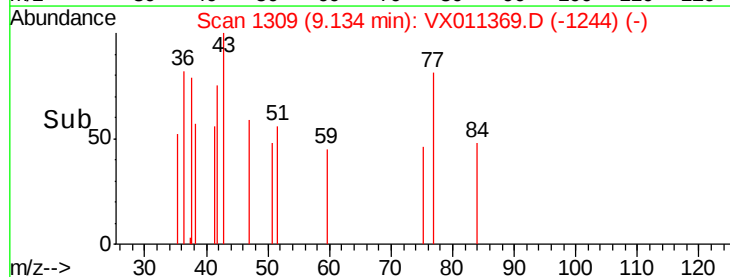
60

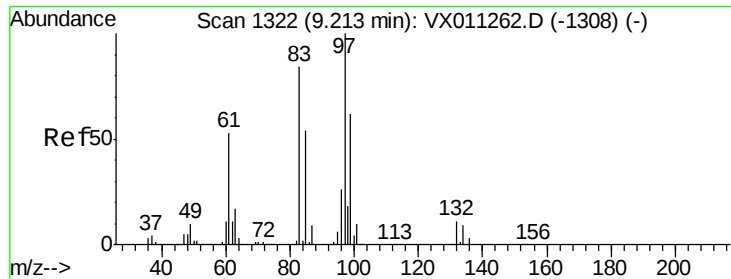
40

20

0

Time--> 9.11 9.12 9.13 9.14 9.15

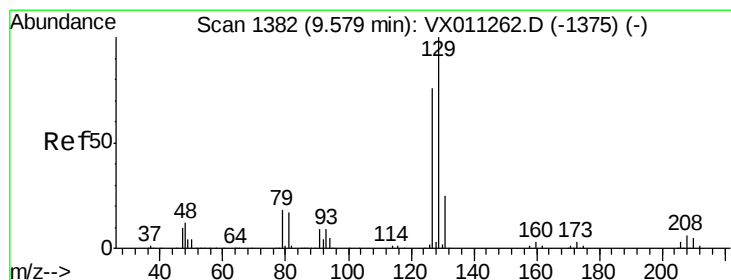
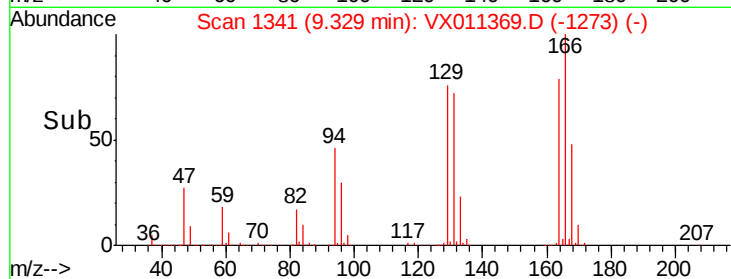
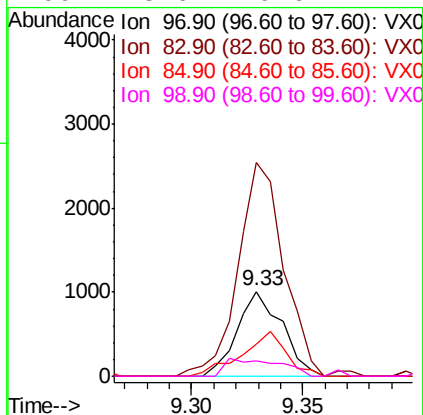
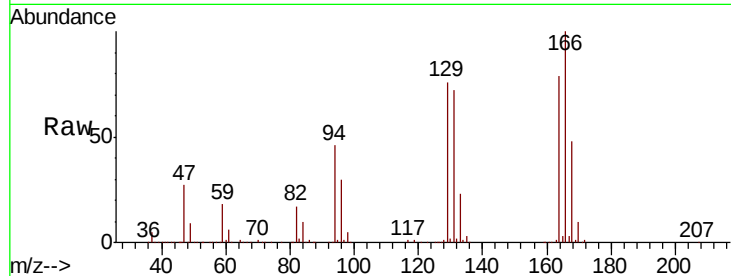




#55
 1,1,2-Trichloroethane
 Concen: 0.749 ug/l
 RT: 9.33 min Scan# 1341
 Delta R.T. 0.12 min
 Lab File: VX011369.D
 Acq: 07 Aug 2019 17:41

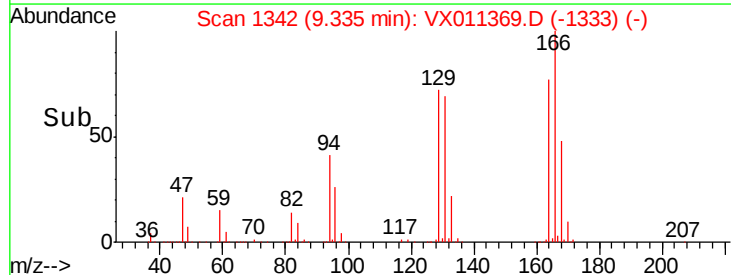
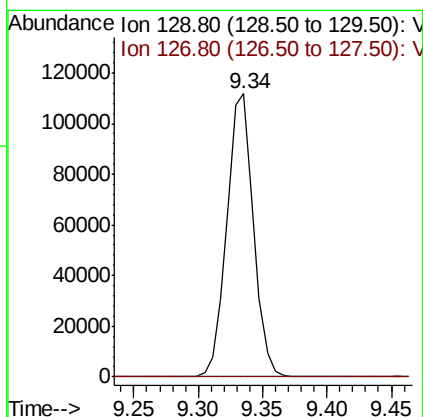
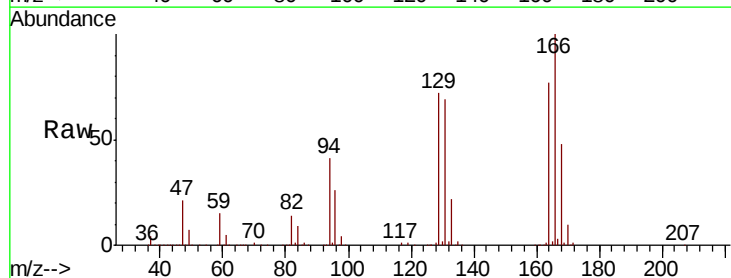
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20D_080619

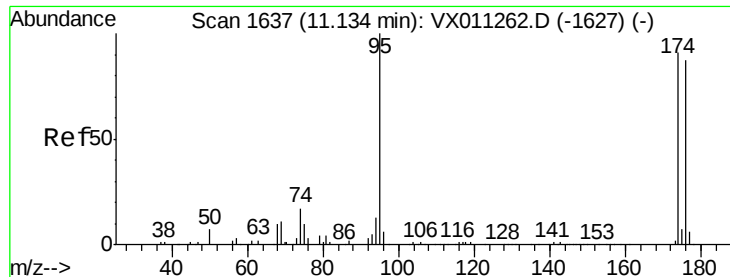
Tgt Ion: 97 Resp: 1412
 Ion Ratio Lower Upper
 97 100
 83 245.4 67.6 101.4#
 85 36.9 43.4 65.0#
 99 18.6 49.6 74.4#



#60
 Dibromochloromethane
 Concen: 84.083 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.24 min
 Lab File: VX011369.D
 Acq: 07 Aug 2019 17:41

Tgt Ion: 129 Resp: 162243
 Ion Ratio Lower Upper
 129 100
 127 0.1 39.2 117.6#

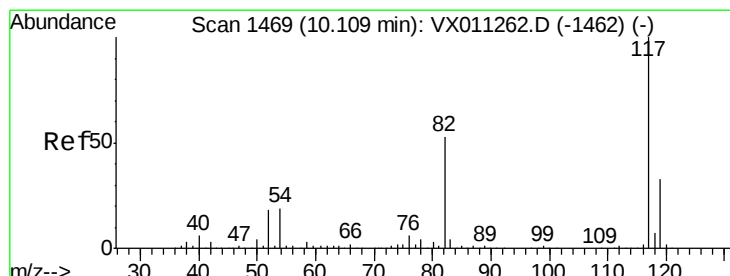
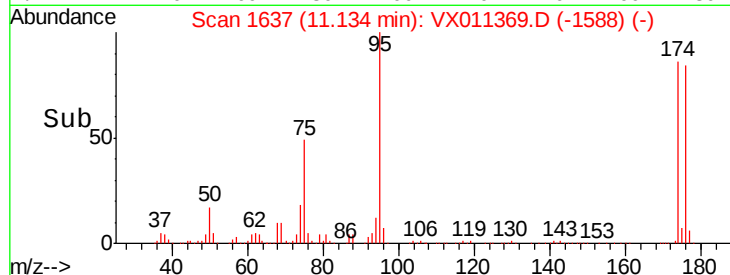
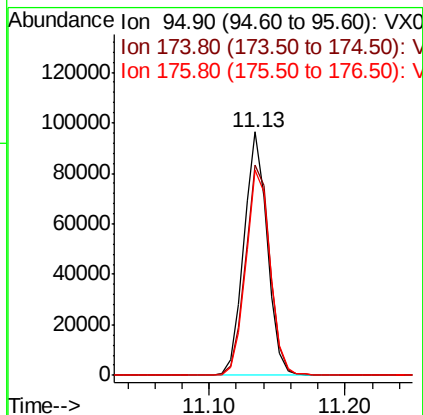
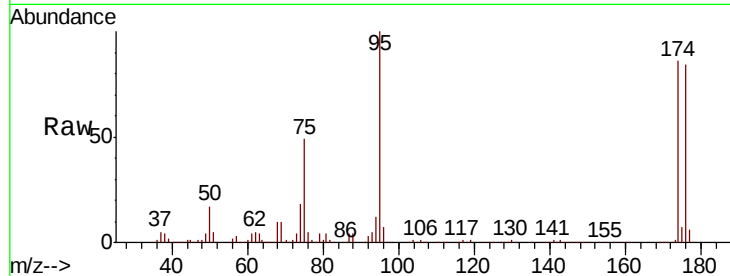




#62
4-Bromofluorobenzene
Concen: 49.228 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

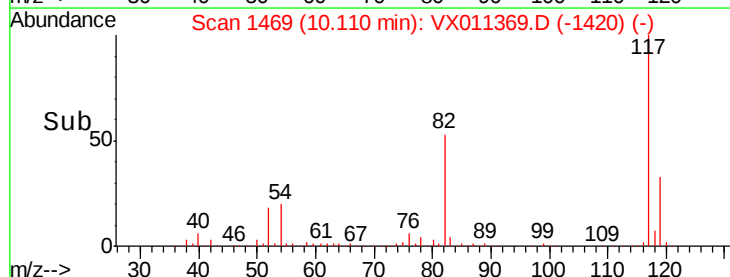
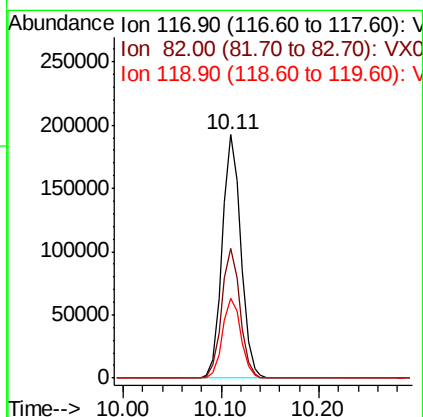
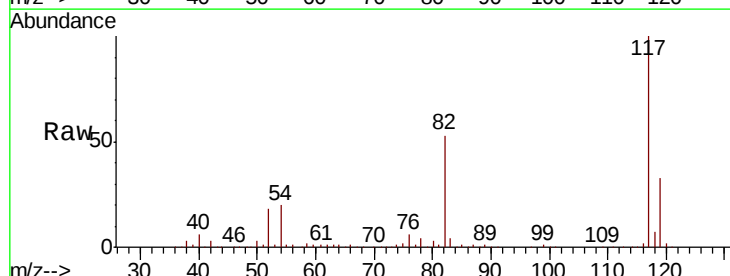
Instrument :
MSVOA_X
ClientSampleId :
MW-20D_080619

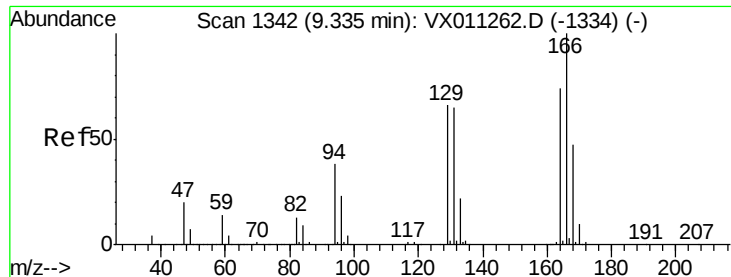
Tgt Ion: 95 Resp: 115260
Ion Ratio Lower Upper
95 100
174 91.1 0.0 191.2
176 88.4 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Tgt Ion: 117 Resp: 254127
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 32.8 26.6 39.8





#64

Tetrachloroethene

Concen: 80.363 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

MW-20D_080619

Tgt Ion:164 Resp: 173434

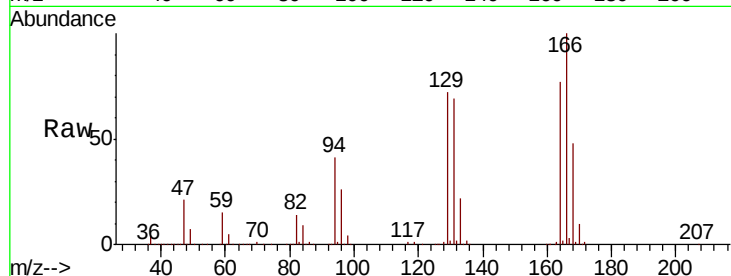
Ion Ratio Lower Upper

164 100

166 130.2 107.5 161.3

129 93.1 71.0 106.4

131 89.2 69.8 104.6

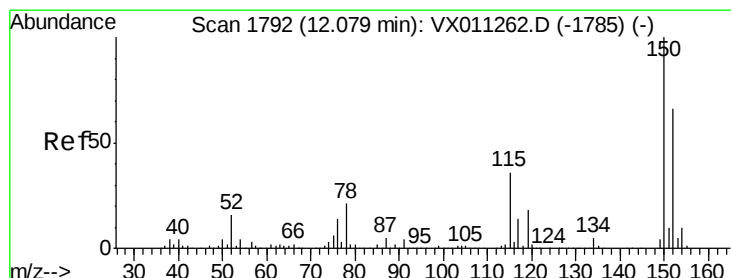
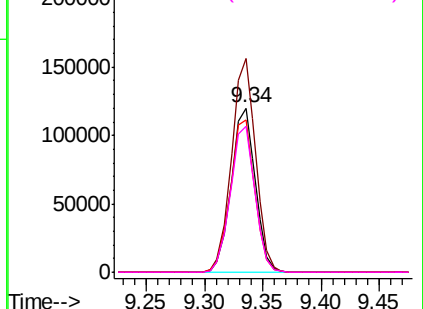
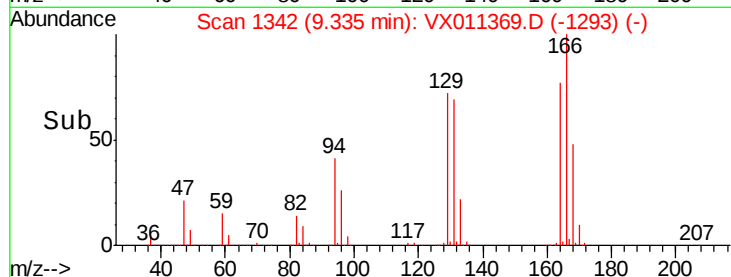


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

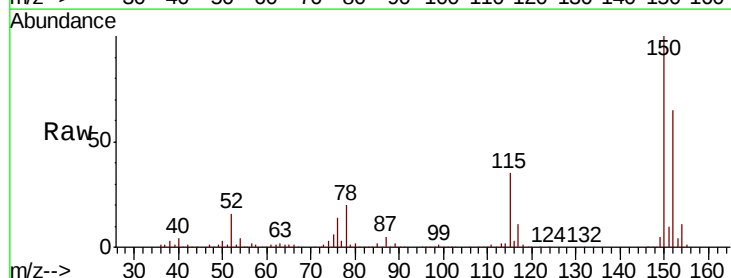
Tgt Ion:152 Resp: 119879

Ion Ratio Lower Upper

152 100

115 54.8 40.0 119.9

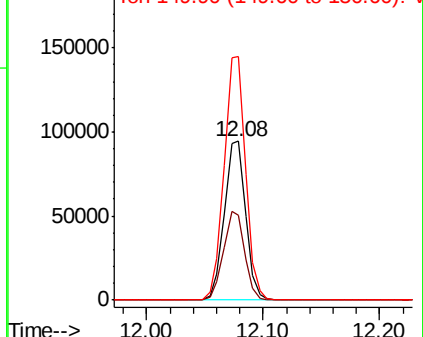
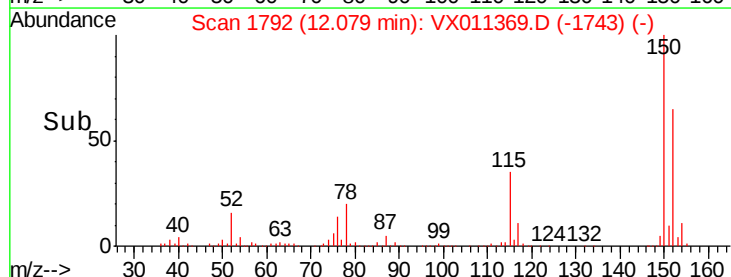
150 154.0 0.0 350.4

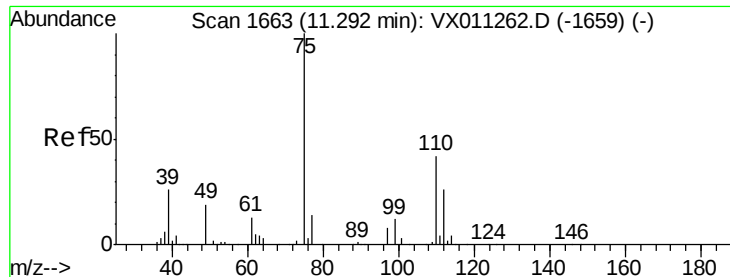


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.310 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

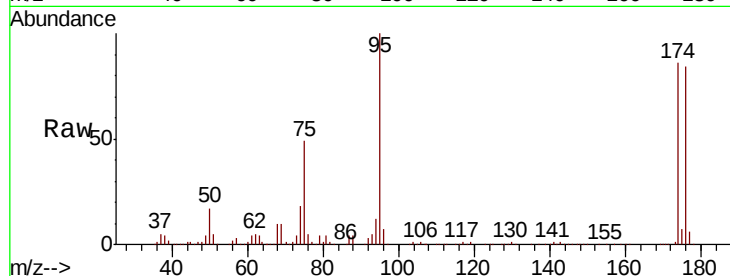
MW-20D_080619

Tgt Ion: 75 Resp: 57439

Ion Ratio Lower Upper

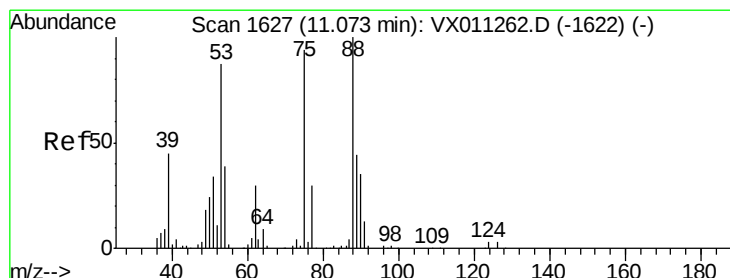
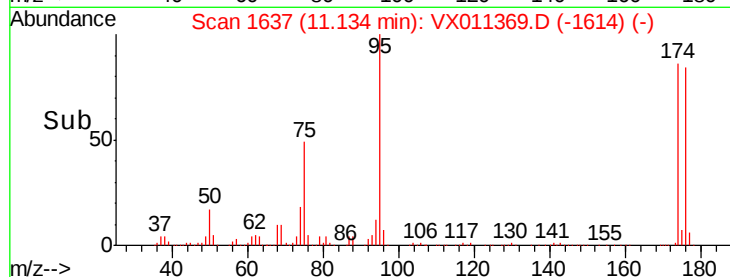
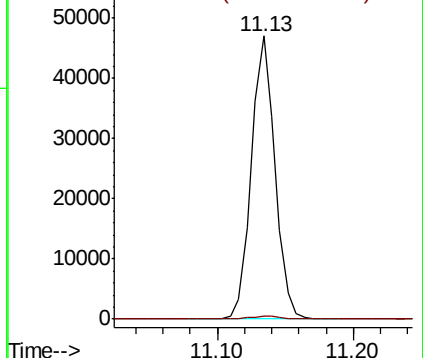
75 100

77 1.2 21.1 63.4#



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: 68.421 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

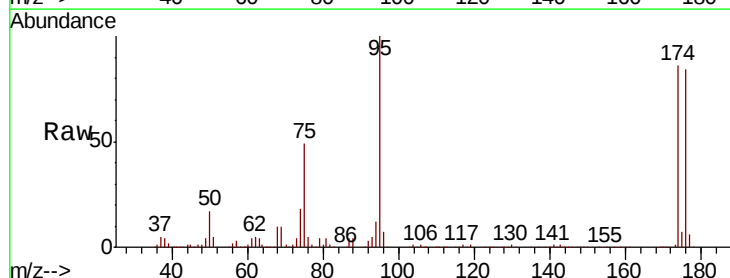
Tgt Ion: 75 Resp: 57439

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

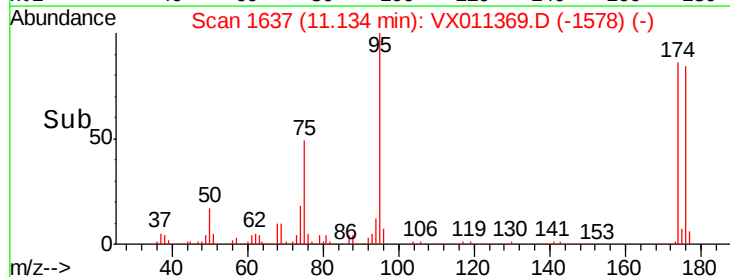
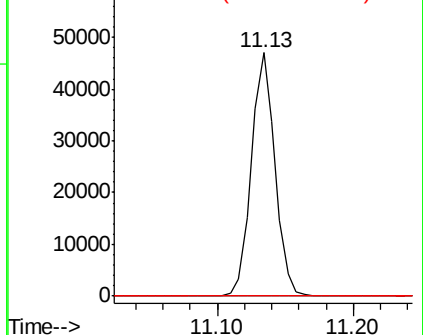
89 0.1 37.9 56.9#

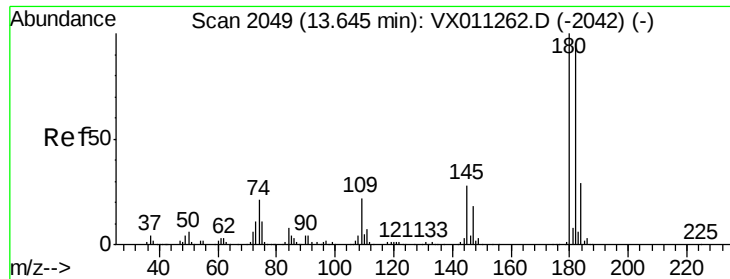


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

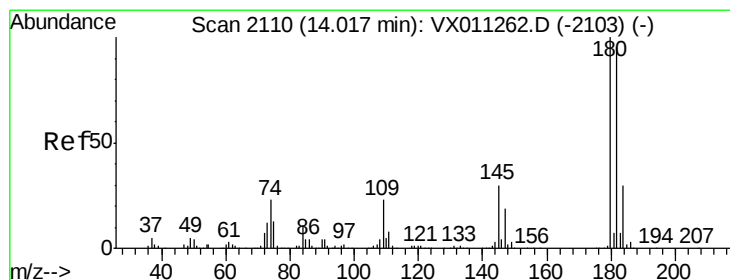
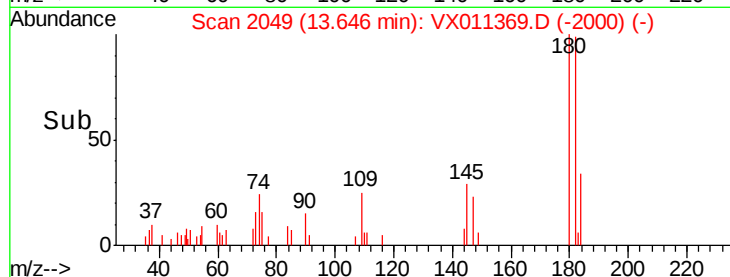
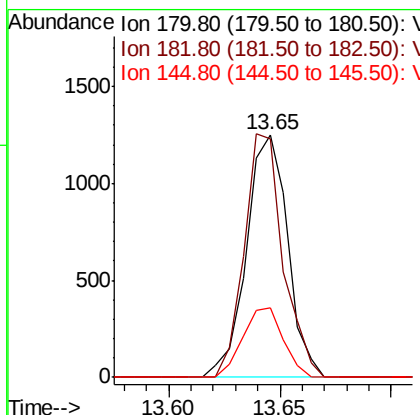
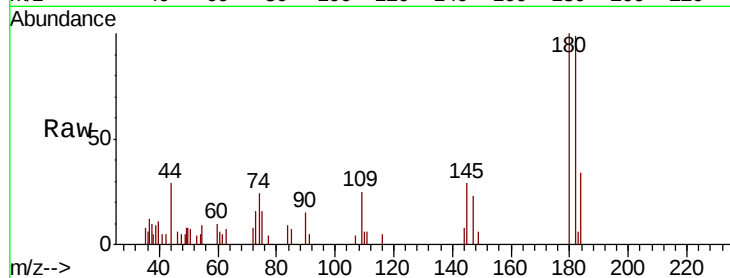




#93
 1,2,4-Trichlorobenzene
 Concen: 0.601 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011369.D
 Acq: 07 Aug 2019 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20D_080619

Tgt Ion:180 Resp: 1610
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.4
 145 28.1 14.8 44.3



#96
 1,2,3-Trichlorobenzene
 Concen: 0.209 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011369.D
 Acq: 07 Aug 2019 17:41

Tgt Ion:180 Resp: 568
 Ion Ratio Lower Upper
 180 100
 182 101.6 47.4 142.3
 145 25.5 15.2 45.6

