

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014048.D
 Acq On : 16 Dec 2019 20:17
 Operator : JC/SP
 Sample : K6251-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20191207

Quant Time: Dec 17 03:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	563943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	765844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323111	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	314318	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	5.49	113	264543	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	1021953	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	333386	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	

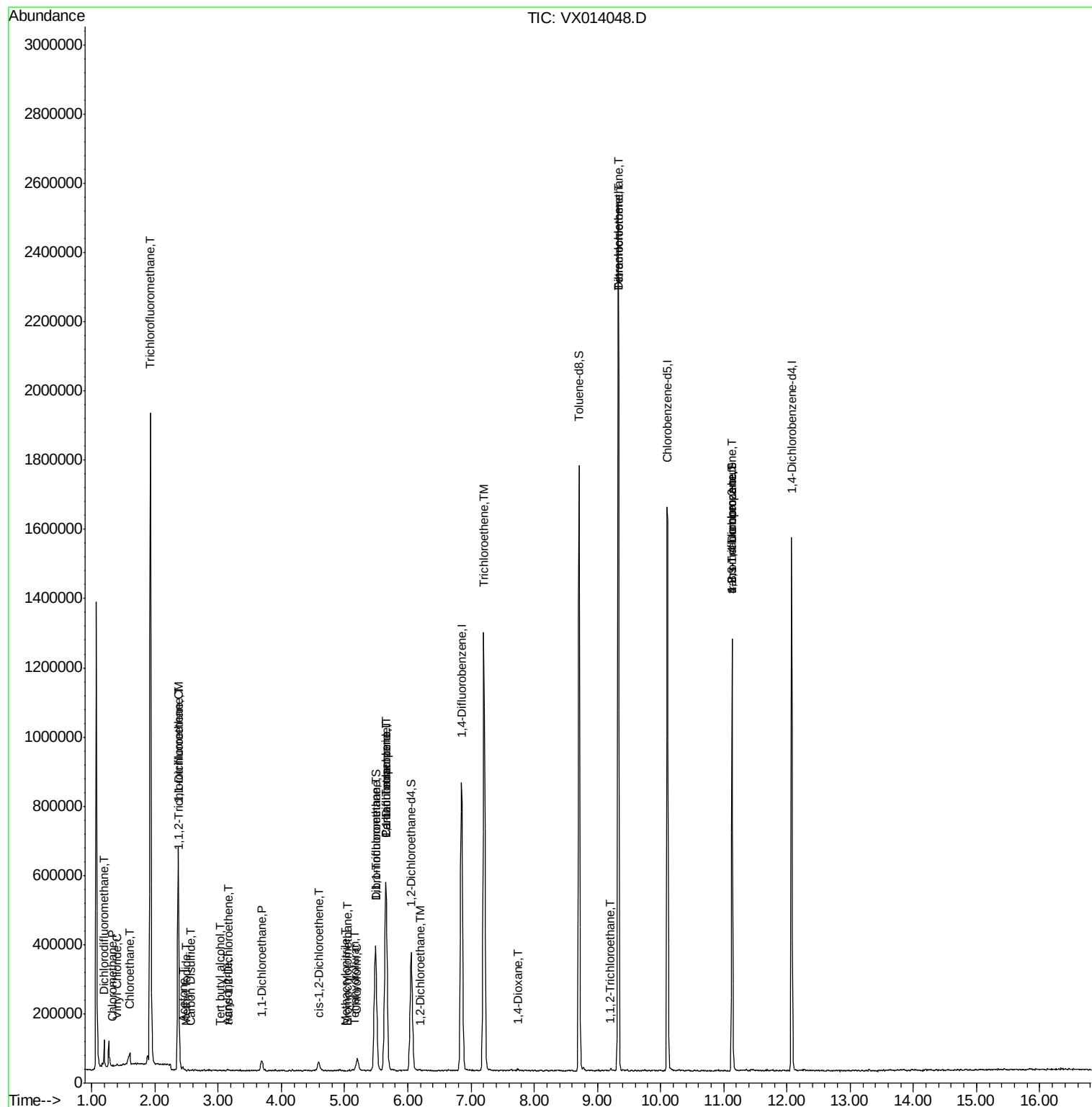
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	45934	9.104	ug/l	100
3) Chloromethane	1.32	50	1421	0.210	ug/l #	88
4) Vinyl Chloride	1.40	62	1738	0.243	ug/l #	84
6) Chloroethane	1.59	64	16082	3.647	ug/l #	64
7) Trichlorofluoromethane	1.92	101	1198081	135.468	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	13877	2.603	ug/l	95
10) Methyl Iodide	2.49	142	448	2.681	ug/l #	72
11) Tert butyl alcohol	3.03	59	524	0.379	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	209313	38.585	ug/l	99
15) Acrylonitrile	3.15	53	686	0.213	ug/l #	31
16) Acetone	2.44	43	3581	0.863	ug/l	91
17) Carbon Disulfide	2.56	76	1071	0.820	ug/l #	77
21) trans-1,2-Dichloroethene	3.15	96	1857	0.311	ug/l	83
24) 1,1-Dichloroethane	3.69	63	35989	3.351	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	15437	2.284	ug/l	96
28) Bromochloromethane	5.04	49	744	0.632	ug/l #	38
29) Tetrahydrofuran	5.15	42	1648	0.576	ug/l #	68
30) Chloroform	5.20	83	39859	3.915	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52356	6.035	ug/l	98
36) 1,1-Dichloropropene	5.65	75	39341	4.983	ug/l #	51
38) Carbon Tetrachloride	5.65	117	50097	6.966	ug/l #	16
41) Methacrylonitrile	5.01	41	1319	0.273	ug/l #	80
42) 1,2-Dichloroethane	6.21	62	3504	0.426	ug/l	90
44) Trichloroethene	7.21	130	507577	75.655	ug/l	99
49) 1,4-Dioxane	7.73	88	2561	17.814	ug/l #	84
55) 1,1,2-Trichloroethane	9.21	97	2174	0.353	ug/l #	76
60) Dibromochloromethane	9.33	129	429922	70.290	ug/l #	11
64) Tetrachloroethene	9.33	164	491299	72.497	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	163262	23.274	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	163262	65.692	ug/l #	11

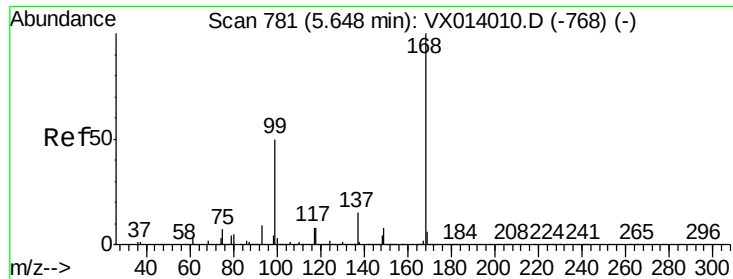
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

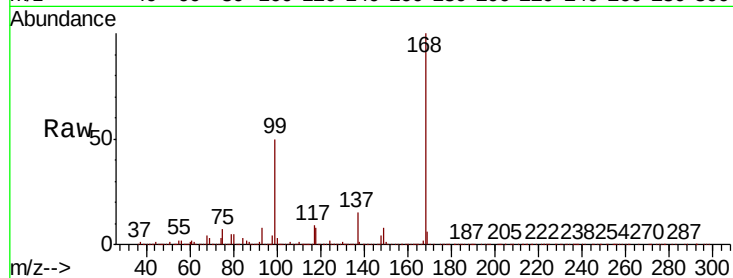
MW201D-20191207

Tot Ion:168 Resp: 563943

Ion Ratio Lower Upper

168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

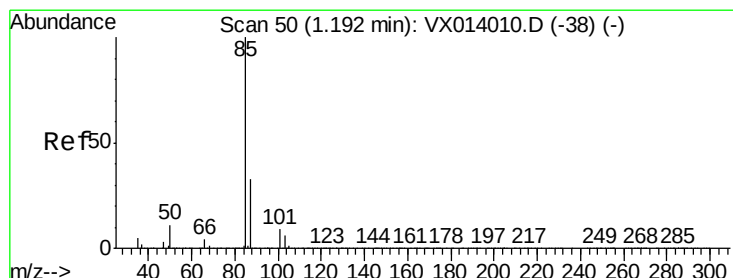
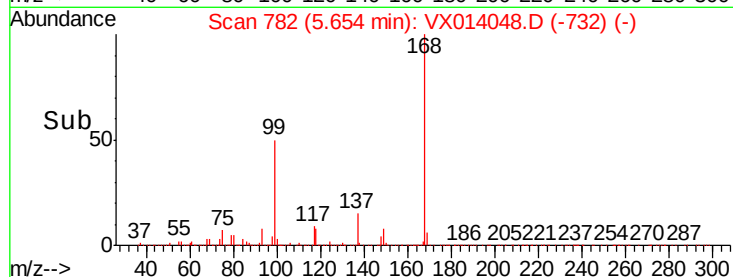
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 9.104 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014048.D

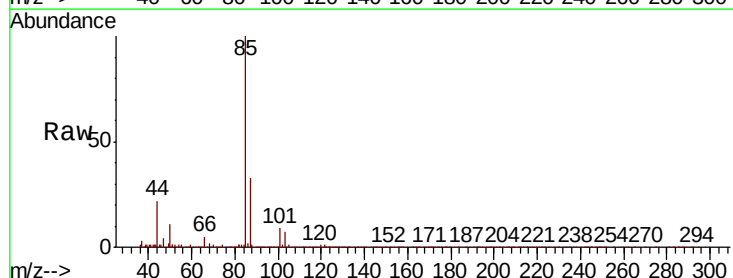
Acq: 16 Dec 2019 20:17

Tgt Ion: 85 Resp: 45934

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

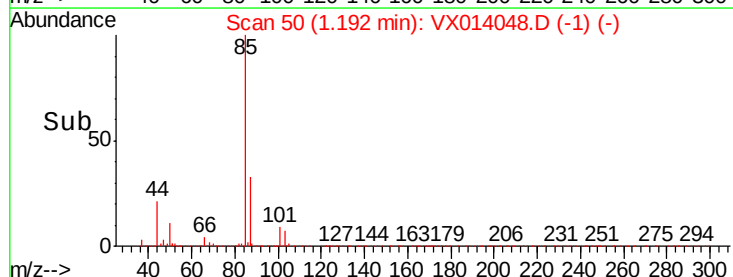
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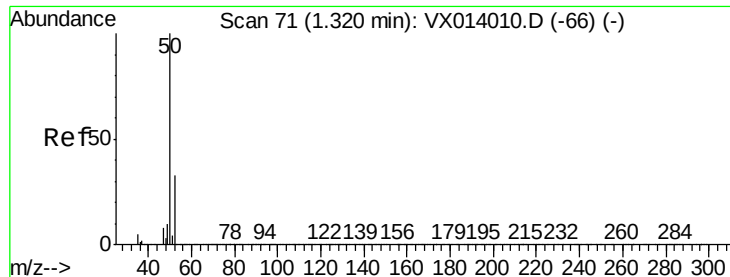
20000

10000

0

Time-->





#3

Chloromethane

Concen: 0.210 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

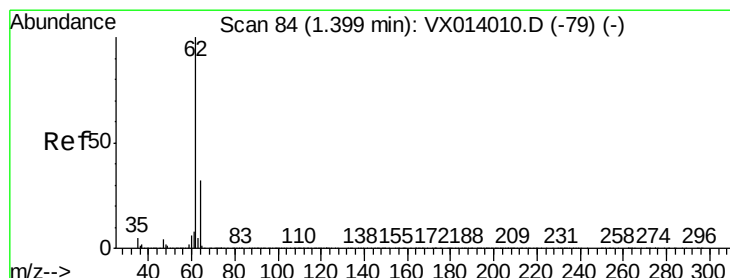
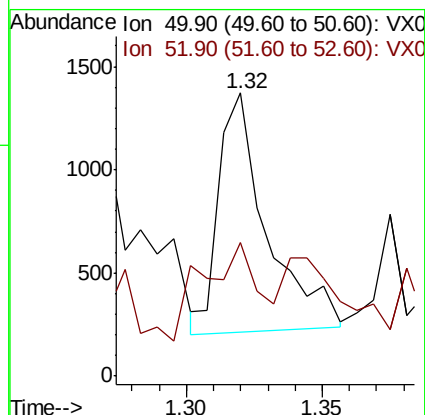
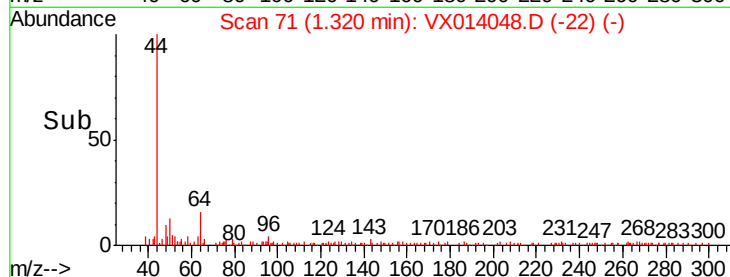
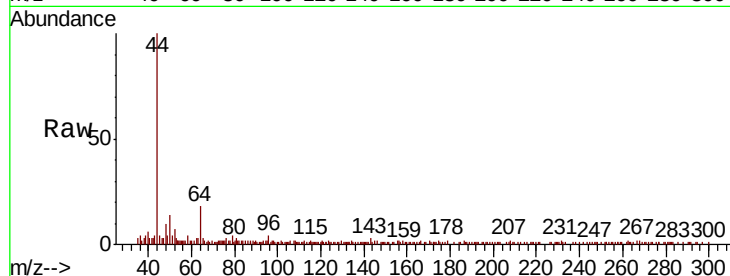
MW201D-20191207

Tot Ion: 50 Resp: 1421

Ion Ratio Lower Upper

50 100

52 25.9 26.2 39.4#



#4

Vinyl Chloride

Concen: 0.243 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014048.D

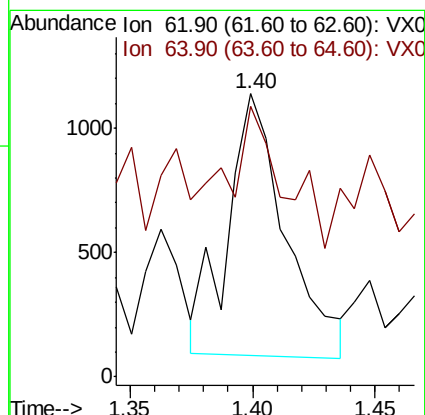
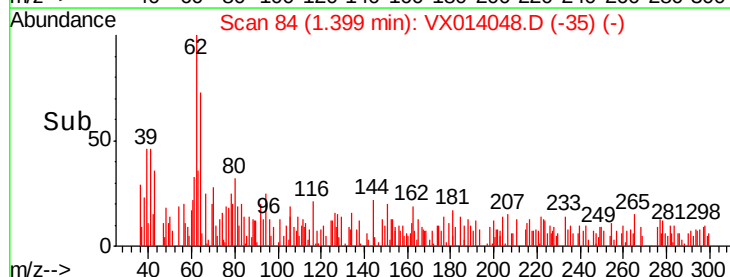
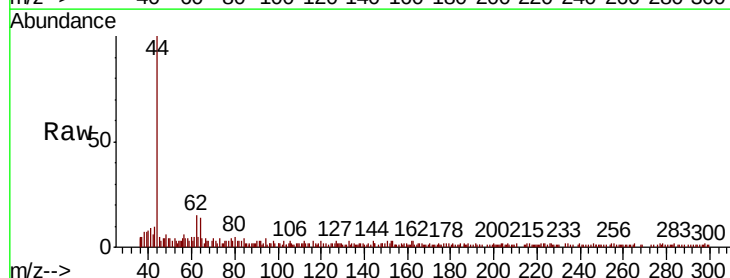
Acq: 16 Dec 2019 20:17

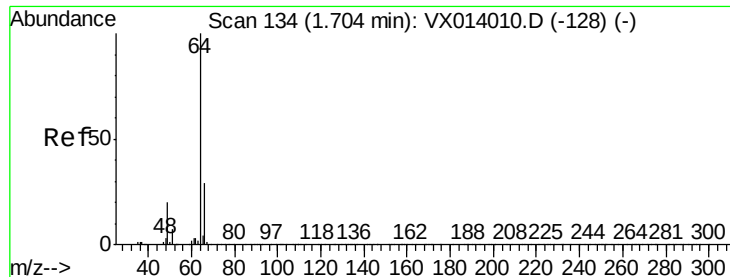
Tgt Ion: 62 Resp: 1738

Ion Ratio Lower Upper

62 100

64 41.2 25.7 38.5#





#6

Chloroethane

Concen: 3.647 ug/l

RT: 1.59 min Scan# 115

Delta R.T. -0.12 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

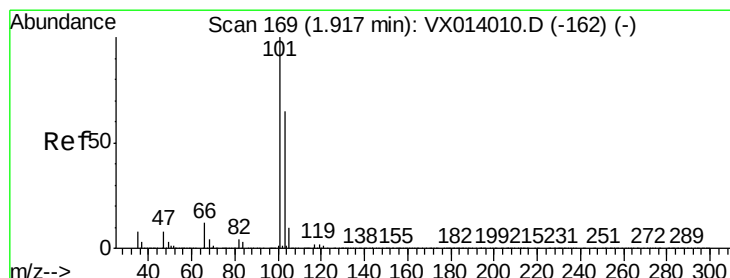
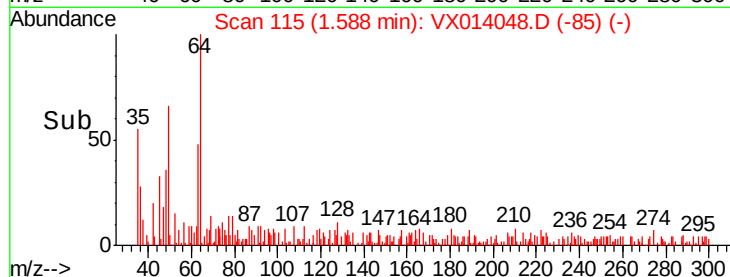
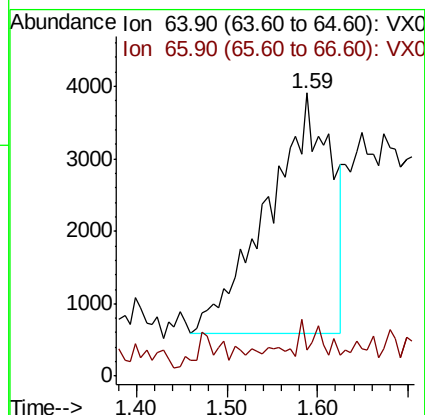
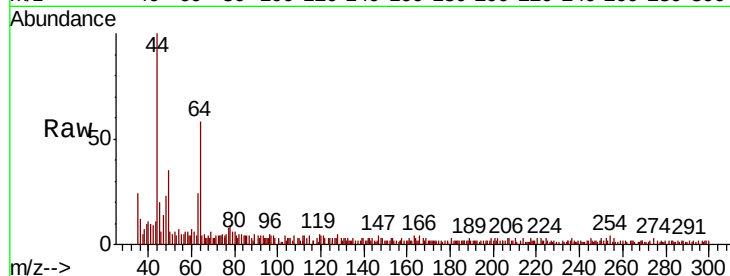
MW201D-20191207

Tot Ion: 64 Resp: 16082

Ion Ratio Lower Upper

64 100

66 9.8 23.4 35.2#



#7

Trichlorofluoromethane

Concen: 135.468 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX014048.D

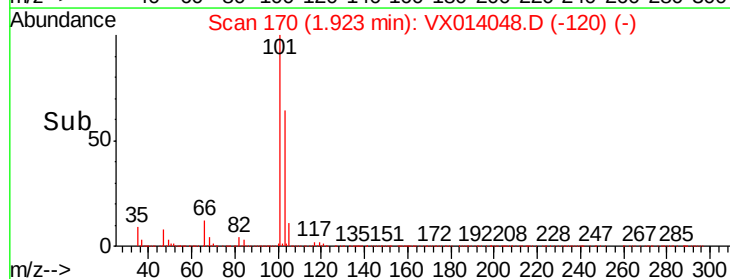
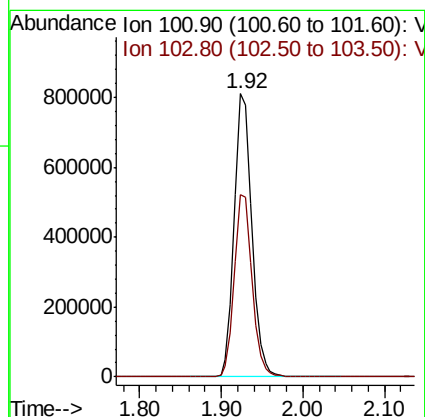
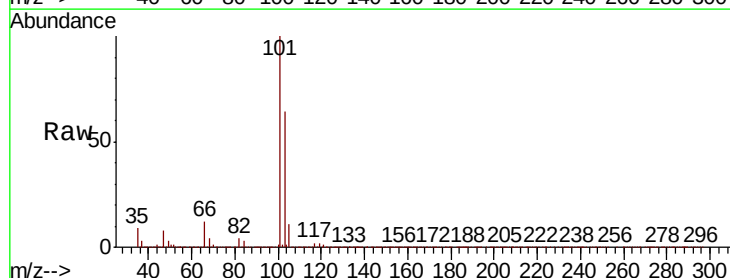
Acq: 16 Dec 2019 20:17

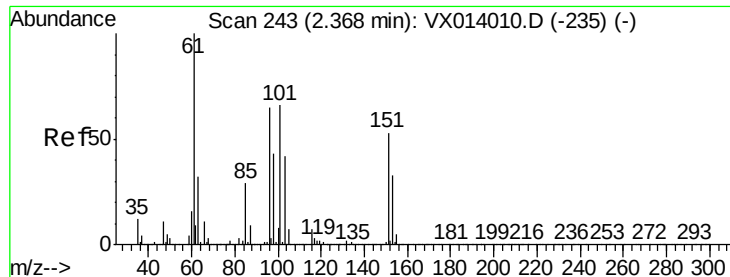
Tgt Ion: 101 Resp: 1198081

Ion Ratio Lower Upper

101 100

103 64.3 52.2 78.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.603 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20191207

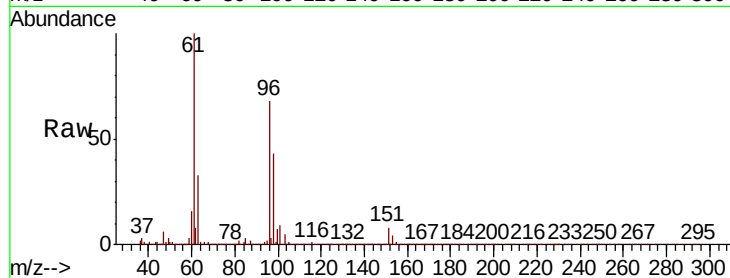
Tot Ion:101 Resp: 13877

Ion Ratio Lower Upper

101 100

85 48.1 33.7 50.5

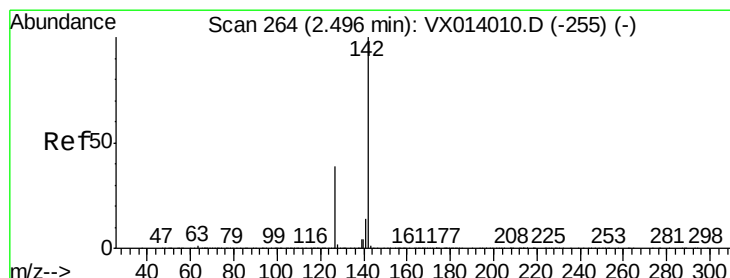
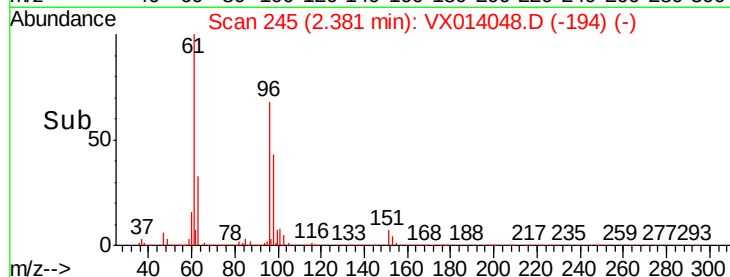
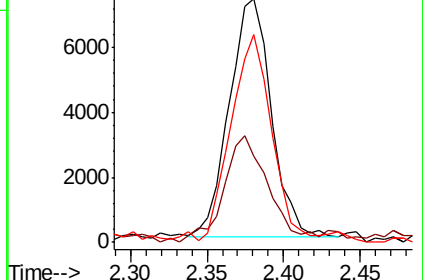
151 83.2 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.681 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

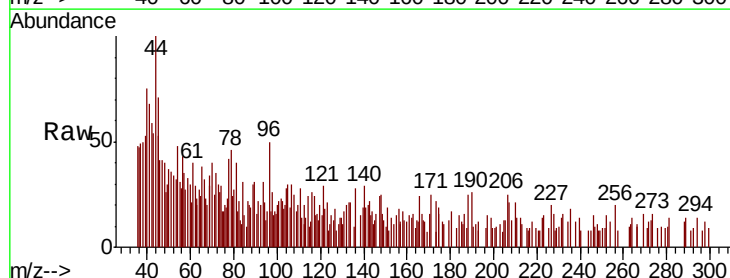
Tgt Ion:142 Resp: 448

Ion Ratio Lower Upper

142 100

127 24.1 31.6 47.4#

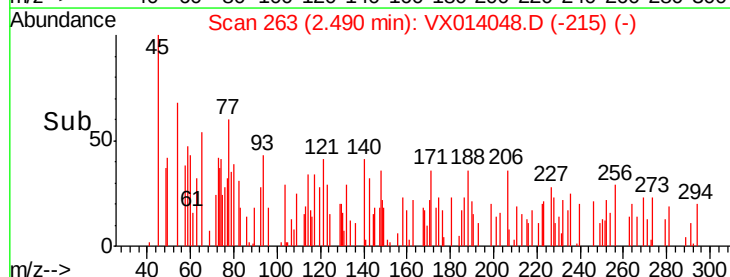
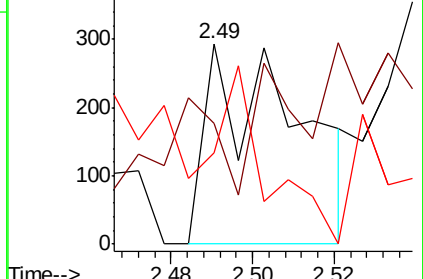
141 0.0 11.6 17.4#

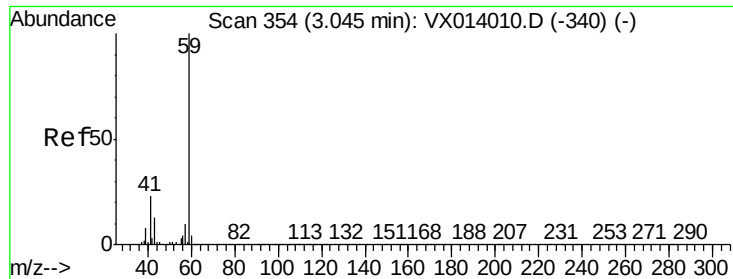


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

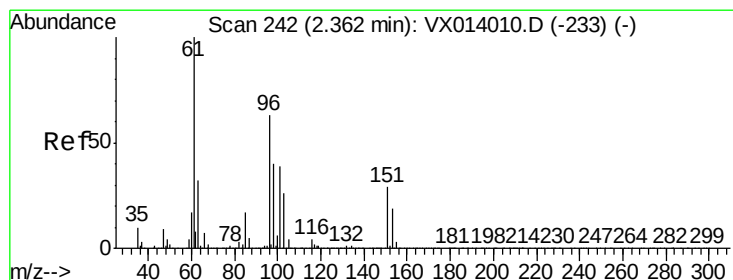
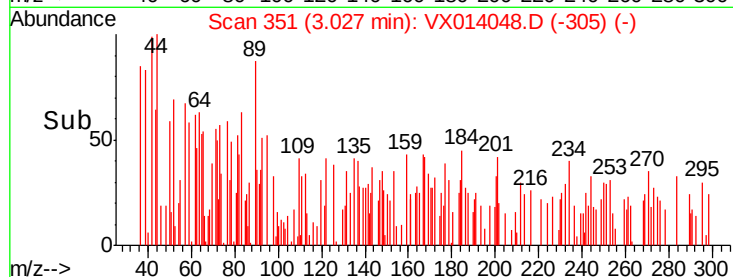
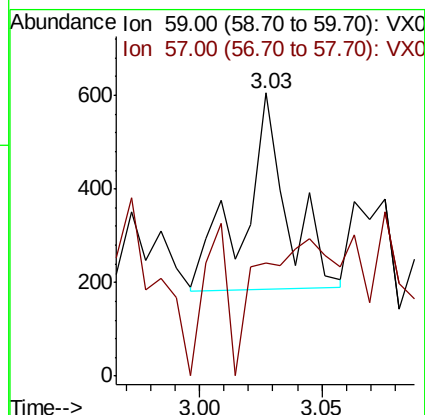
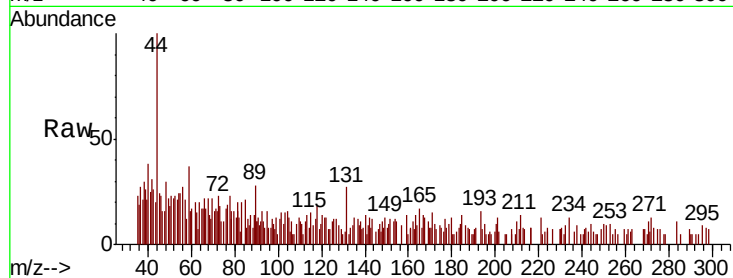




#11
Tert butyl alcohol
Concen: 0.379 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

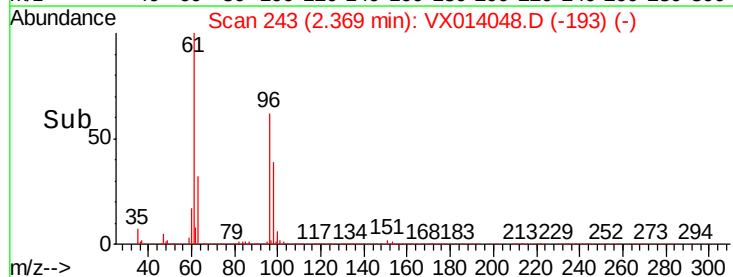
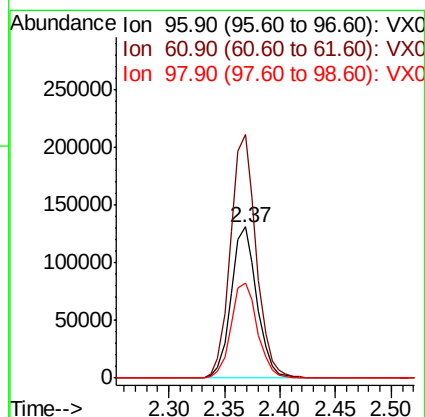
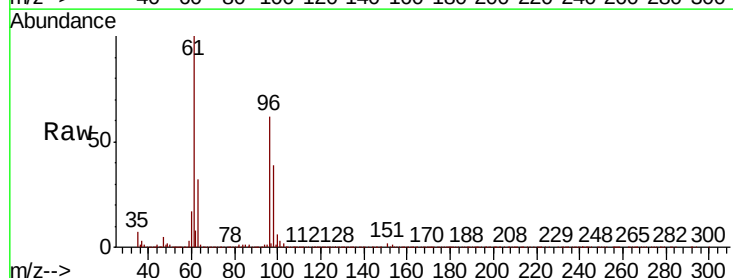
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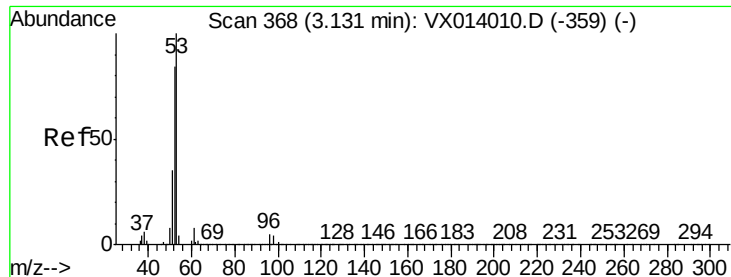
Tot Ion: 59 Resp: 524
Ion Ratio Lower Upper
59 100
57 123.7 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 38.585 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

Tgt Ion: 96 Resp: 209313
Ion Ratio Lower Upper
96 100
61 161.1 127.9 191.9
98 62.9 50.5 75.7





#15

Acrylonitrile

Concen: 0.213 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20191207

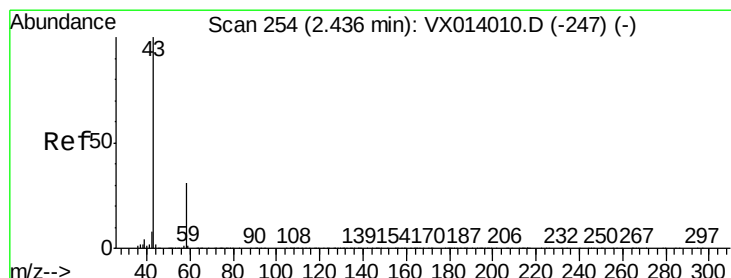
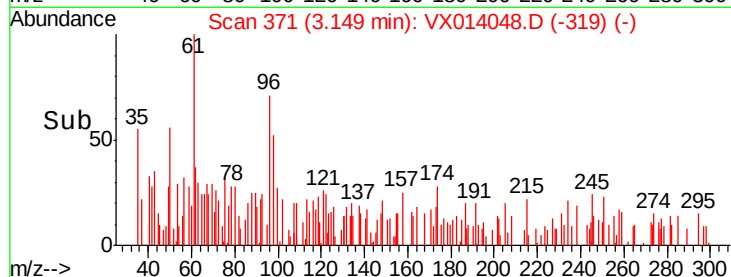
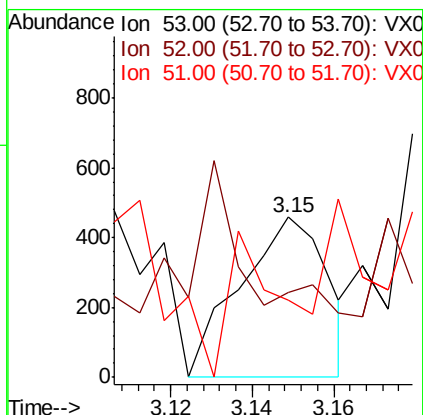
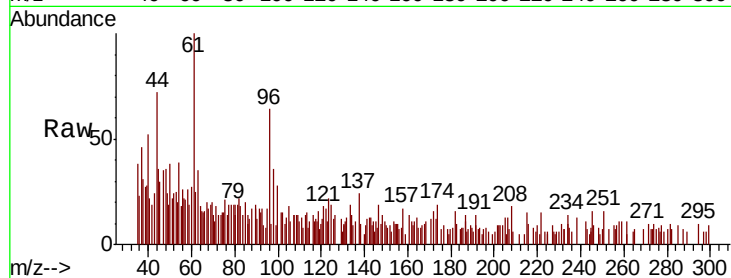
Tot Ion: 53 Resp: 686

Ion Ratio Lower Upper

53 100

52 0.0 66.5 99.7#

51 26.7 28.1 42.1#



#16

Acetone

Concen: 0.863 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014048.D

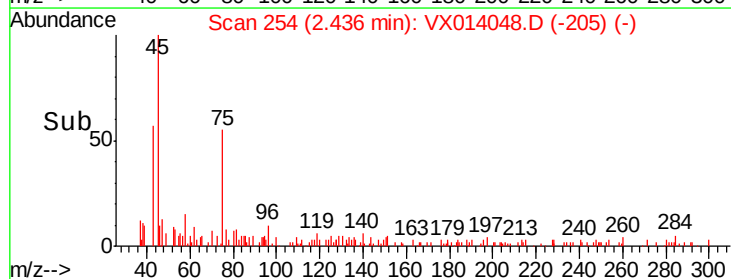
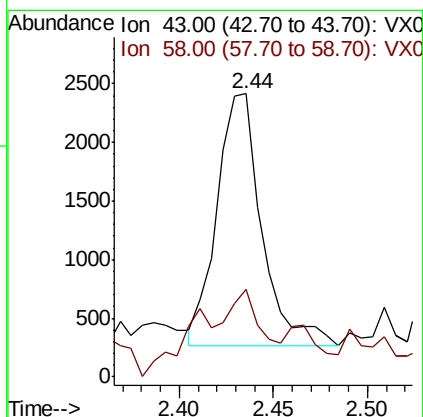
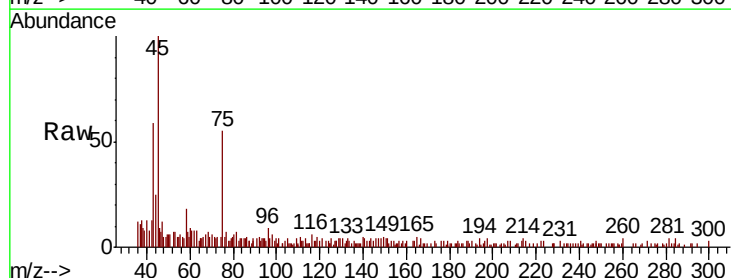
Acq: 16 Dec 2019 20:17

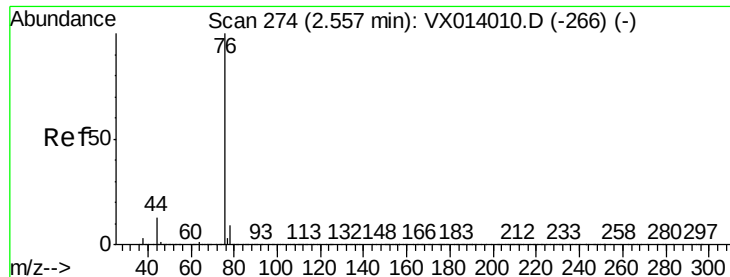
Tgt Ion: 43 Resp: 3581

Ion Ratio Lower Upper

43 100

58 26.3 24.9 37.3

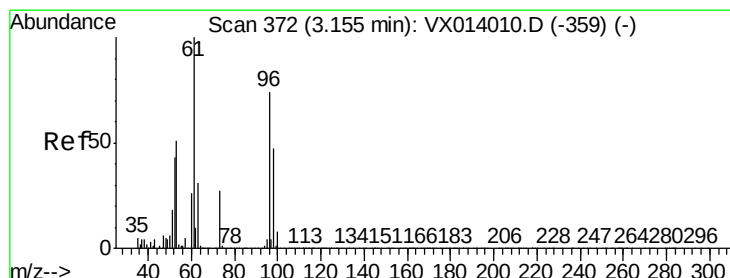
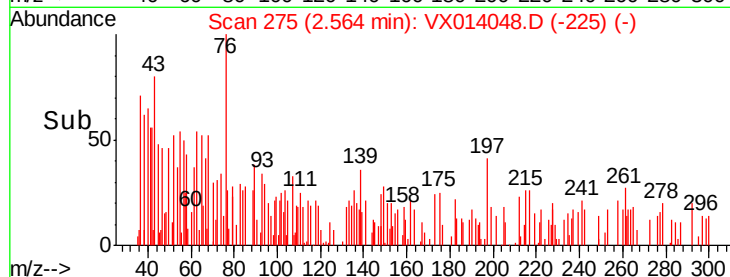
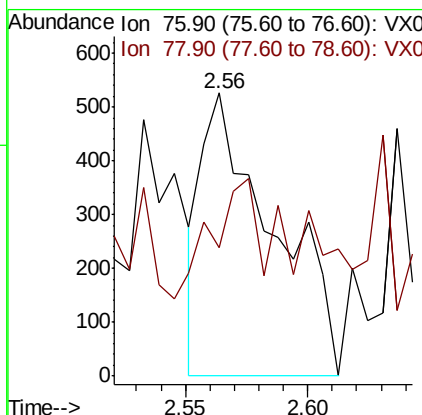
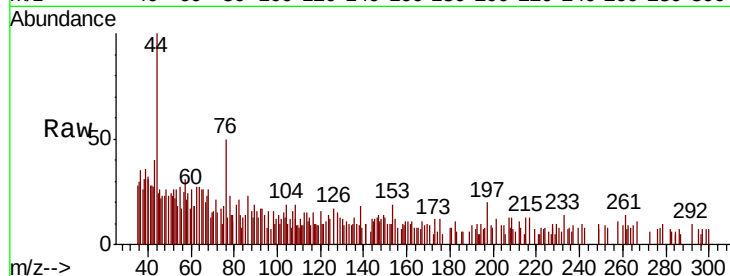




#17
Carbon Disulfide
Concen: 0.820 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

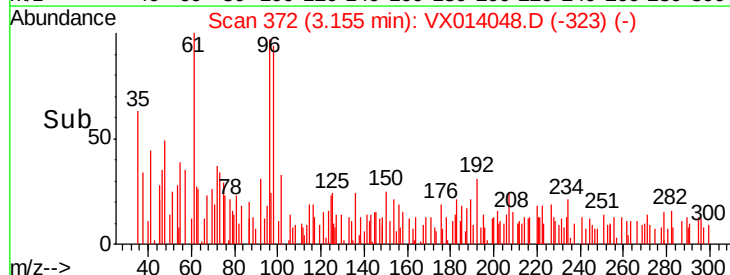
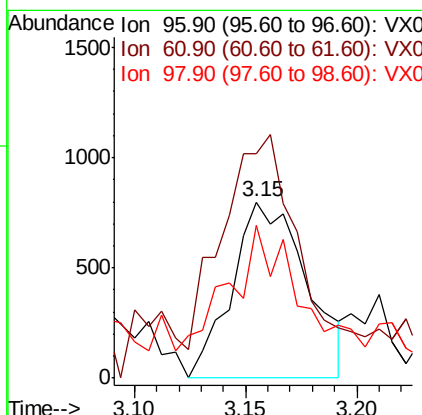
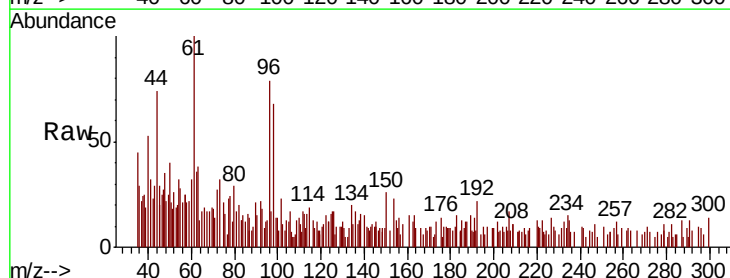
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20191207

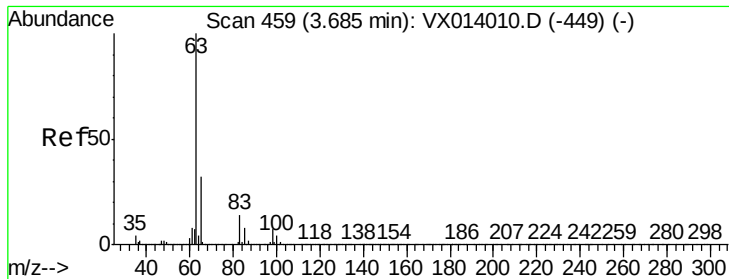
Tot Ion: 76 Resp: 1071
Ion Ratio Lower Upper
76 100
78 0.6 7.2 10.8#



#21
trans-1,2-Dichloroethene
Concen: 0.311 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

Tgt Ion: 96 Resp: 1857
Ion Ratio Lower Upper
96 100
61 110.9 108.3 162.5
98 56.4 50.8 76.2





#24

1,1-Dichloroethane

Concen: 3.351 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20191207

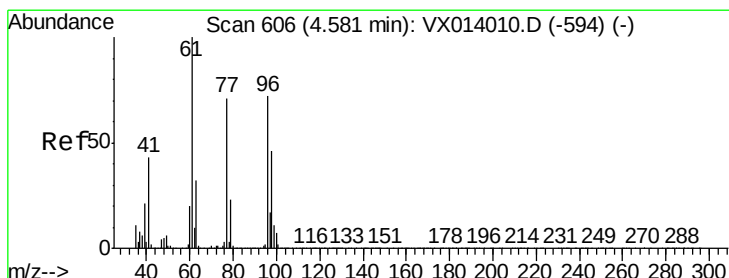
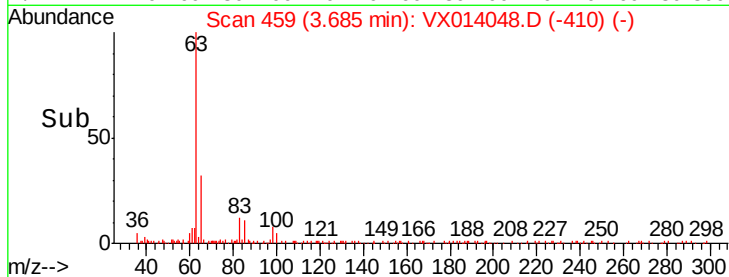
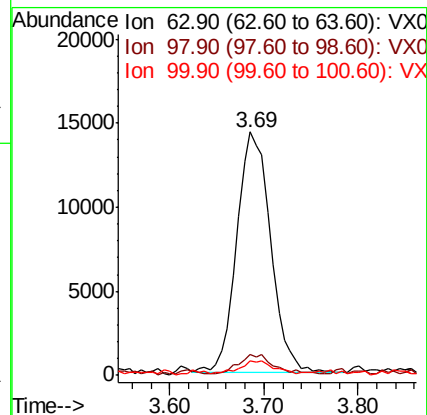
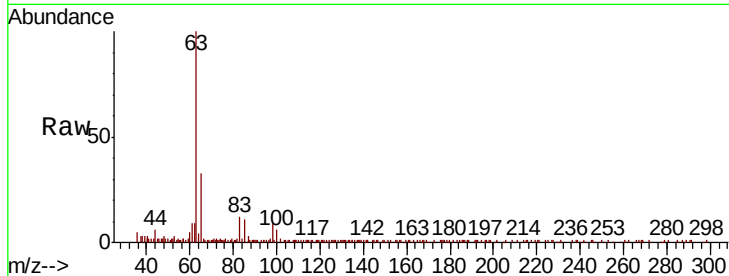
Tot Ion: 63 Resp: 35989

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.1 2.3 6.8



#27

cis-1,2-Dichloroethene

Concen: 2.284 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

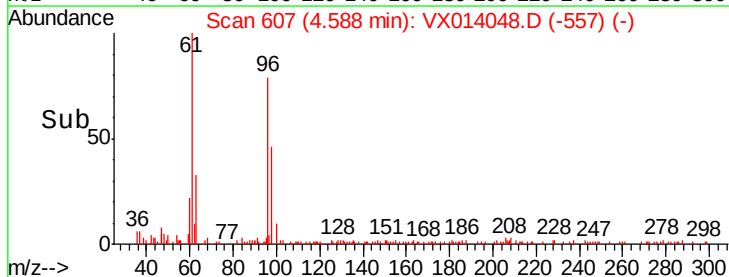
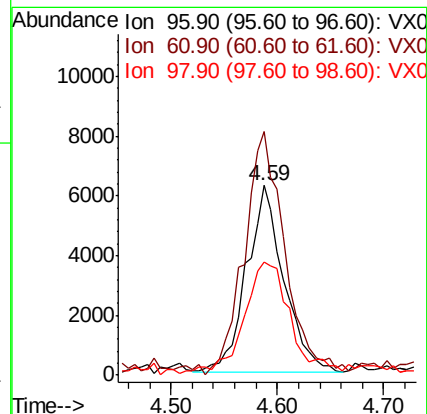
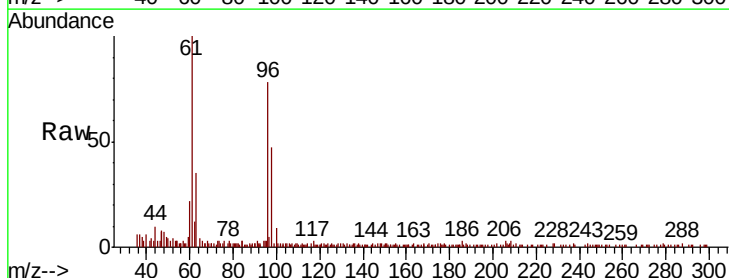
Tgt Ion: 96 Resp: 15437

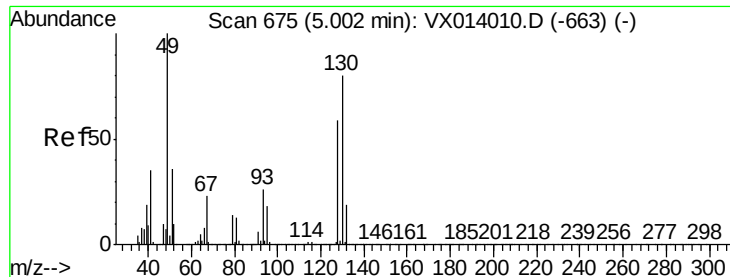
Ion Ratio Lower Upper

96 100

61 142.5 0.0 288.4

98 72.9 0.0 129.6





#28

Bromochloromethane

Concen: 0.632 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.04 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20191207

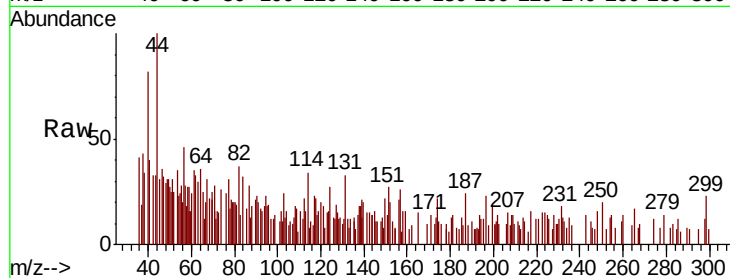
Tot Ion: 49 Resp: 744

Ion Ratio Lower Upper

49 100

129 49.1 0.0 5.0#

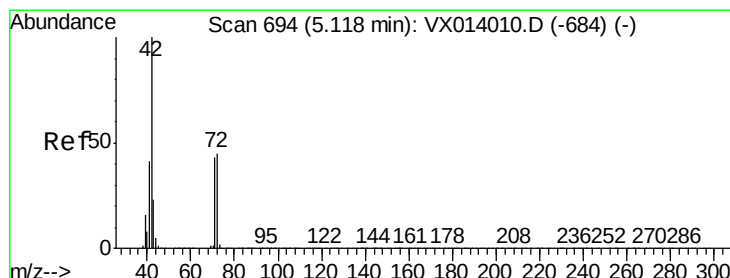
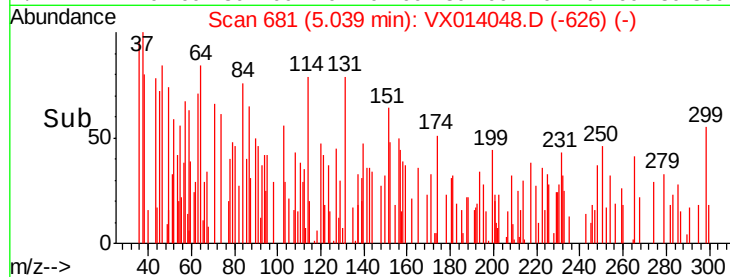
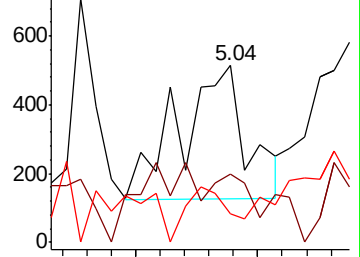
130 27.6 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.576 ug/l

RT: 5.15 min Scan# 699

Delta R.T. 0.03 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

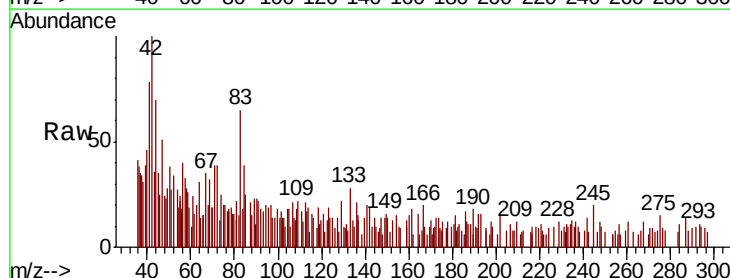
Tgt Ion: 42 Resp: 1648

Ion Ratio Lower Upper

42 100

72 20.4 35.8 53.8#

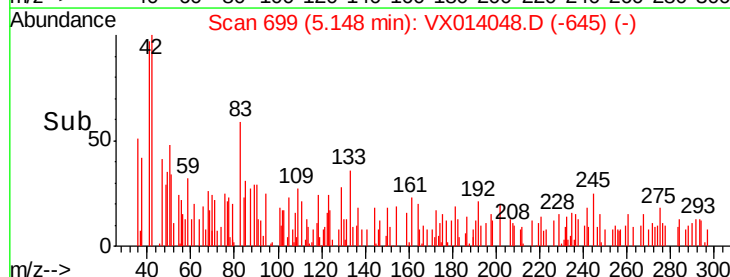
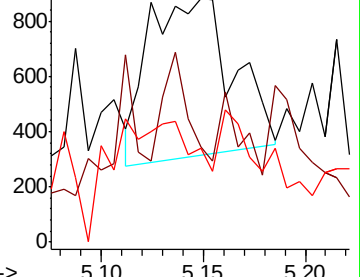
71 25.8 33.6 50.4#

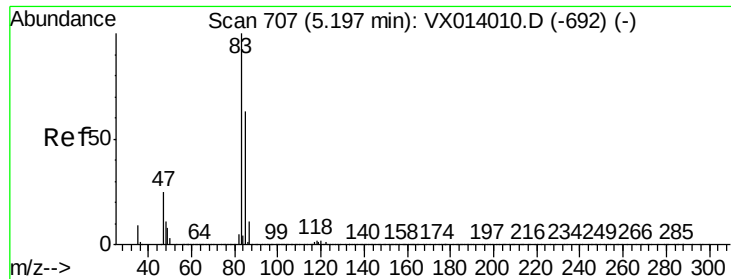


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

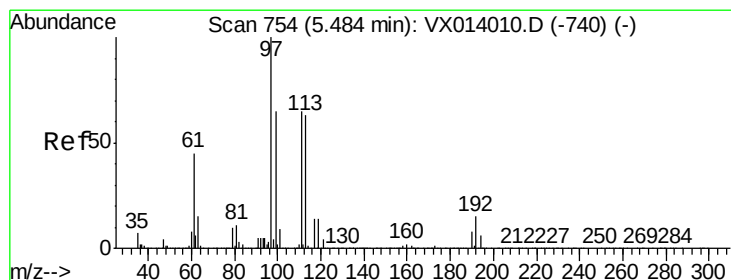
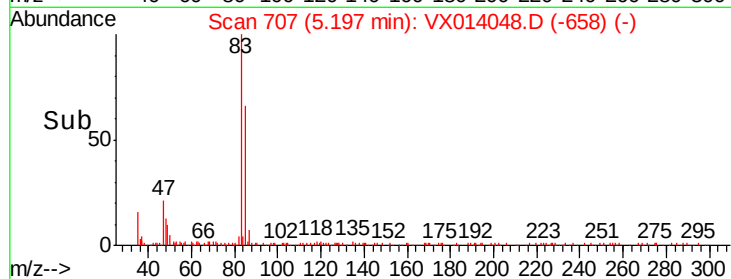
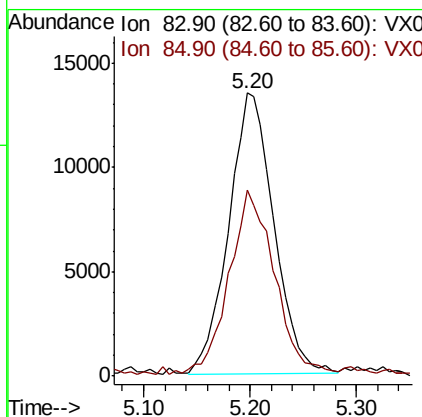
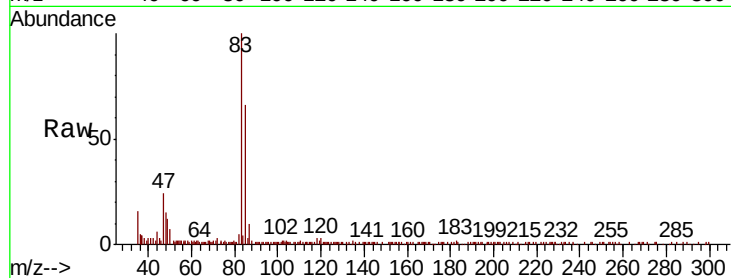




#30
Chloroform
Concen: 3.915 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

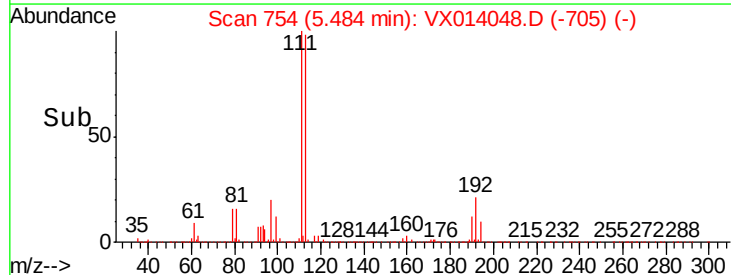
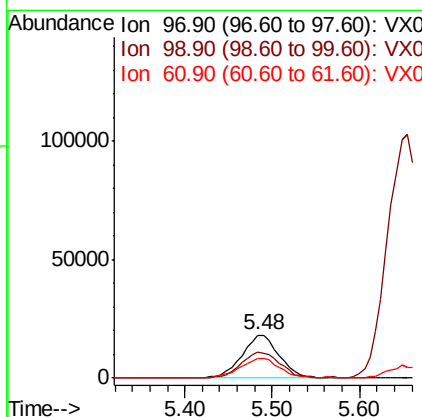
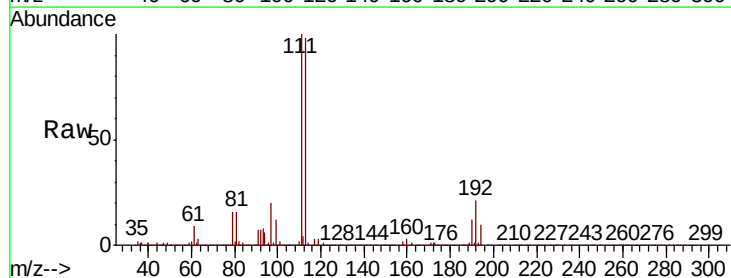
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20191207

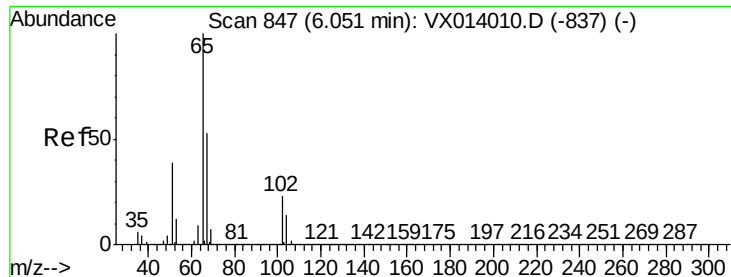
Tot Ion: 83 Resp: 39859
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 6.035 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

Tgt Ion: 97 Resp: 52356
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 47.2 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.177 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

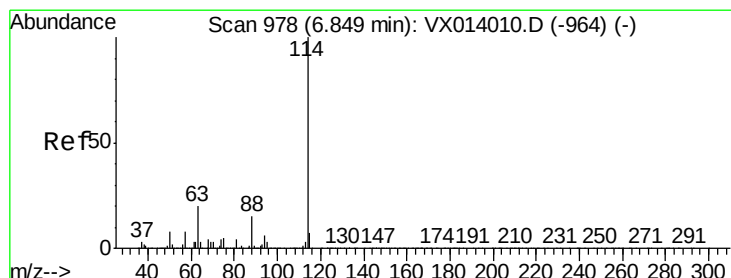
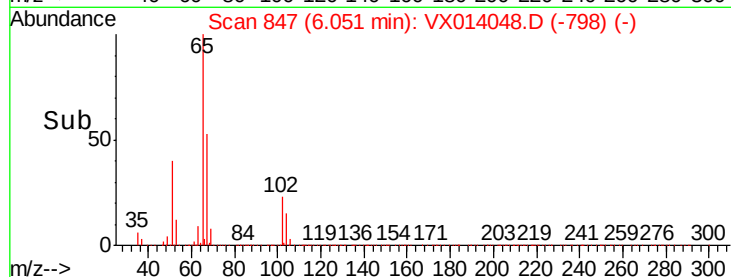
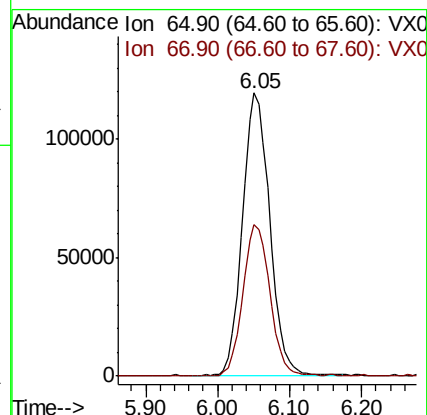
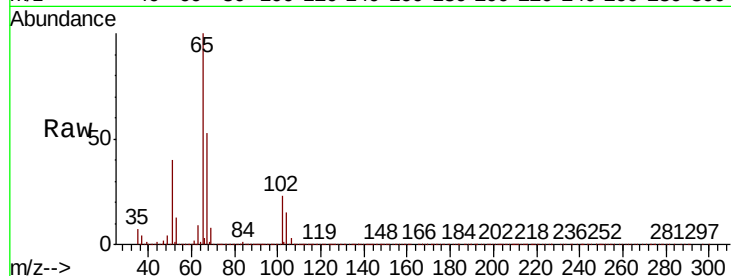
MW201D-20191207

Tot Ion: 65 Resp: 314318

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

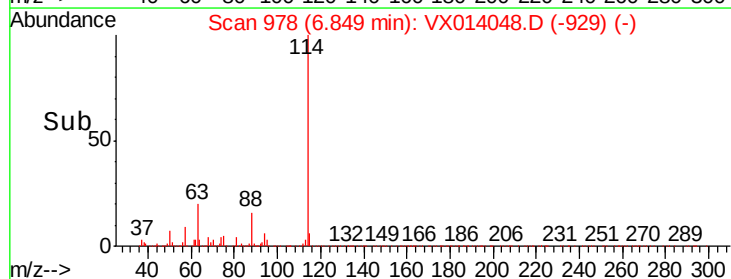
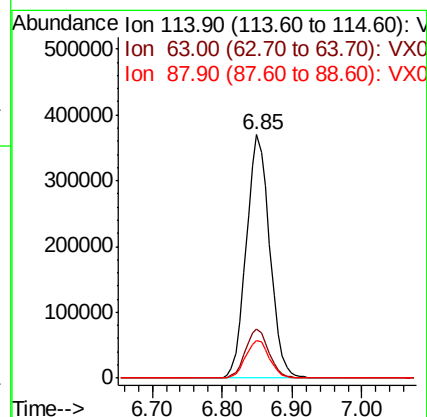
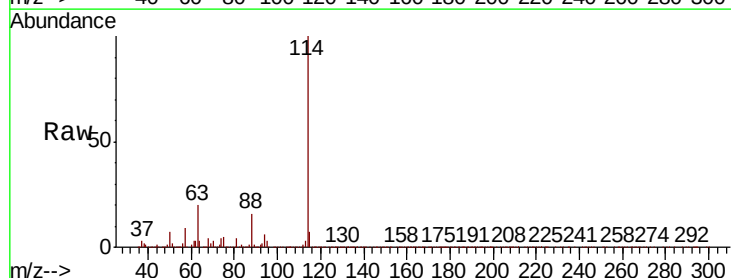
Tgt Ion: 114 Resp: 860369

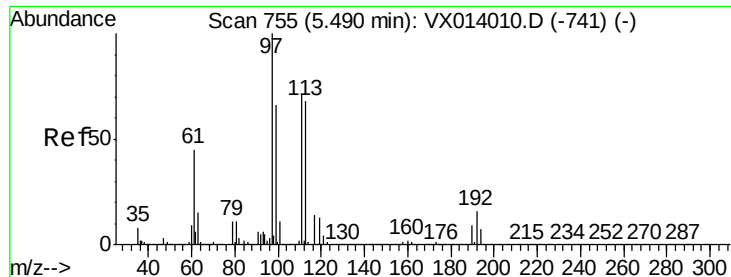
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.581 ug/l

RT: 5.49 min Scan# 755

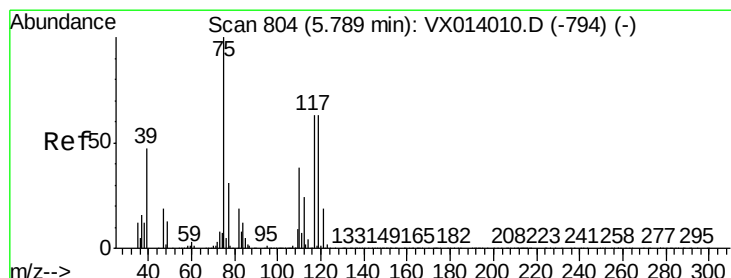
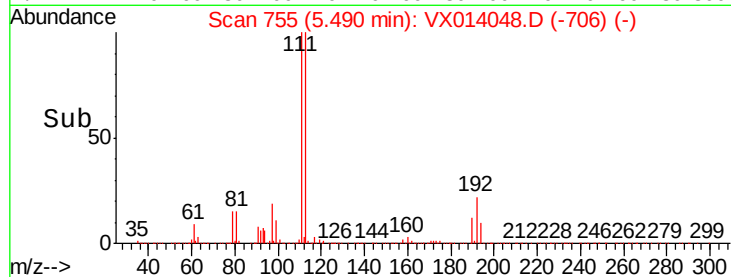
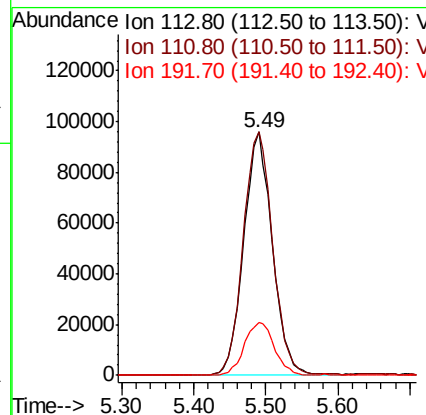
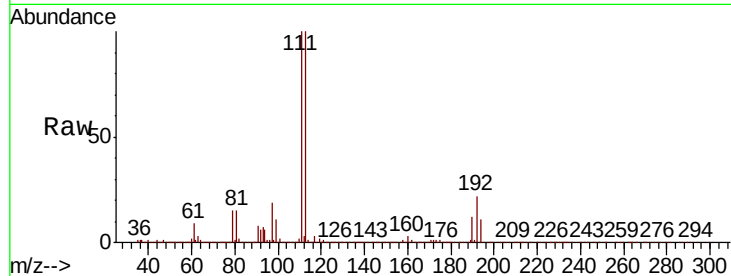
Delta R.T. 0.00 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20191207

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	22.7	19.3	28.9



#36

1,1-Dichloropropene

Concen: 4.983 ug/l

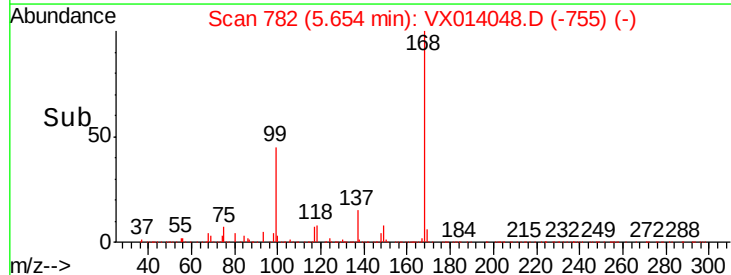
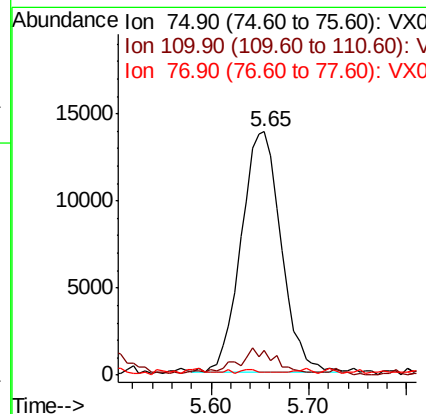
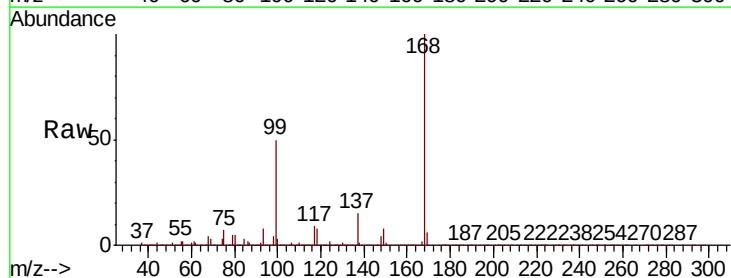
RT: 5.65 min Scan# 782

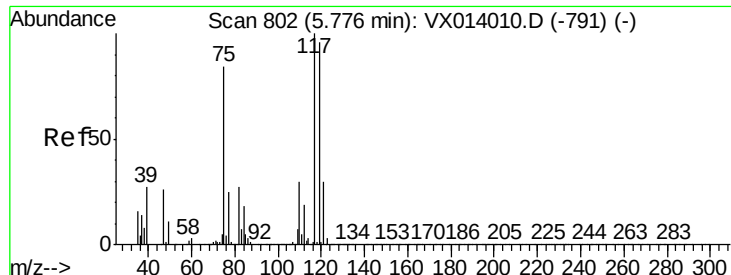
Delta R.T. -0.13 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.3	54.9#
77	0.9	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.966 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20191207

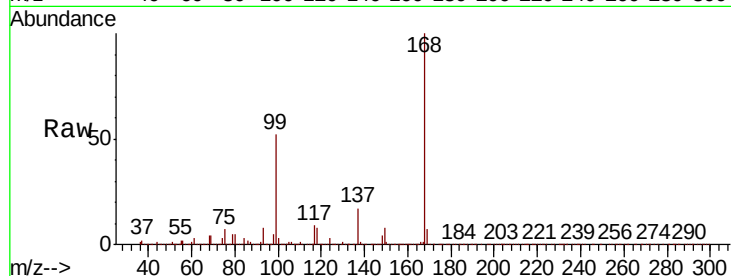
Tot Ion:117 Resp: 50097

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.4#

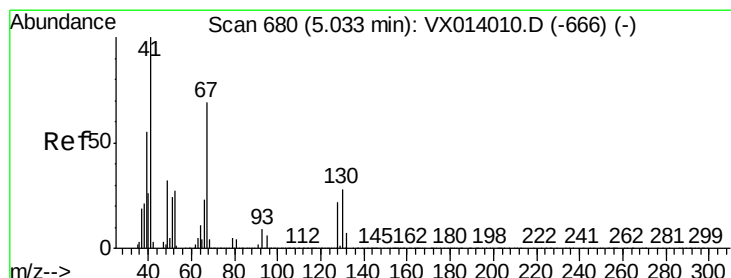
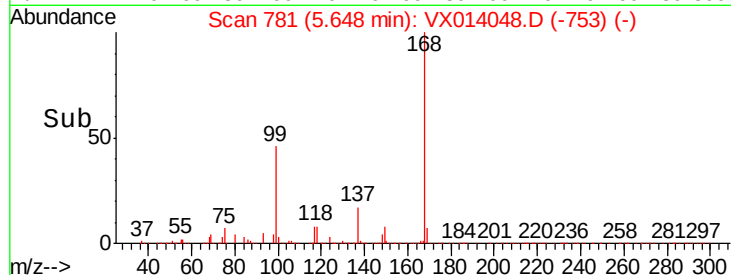
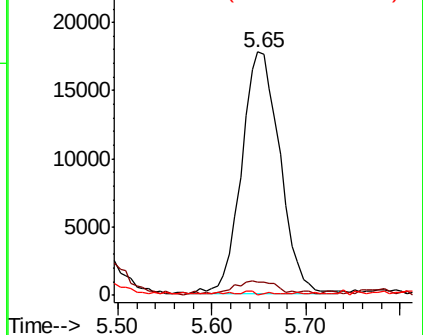
121 0.0 23.6 35.4#



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



#41

Methacrylonitrile

Concen: 0.273 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Tgt Ion: 41 Resp: 1319

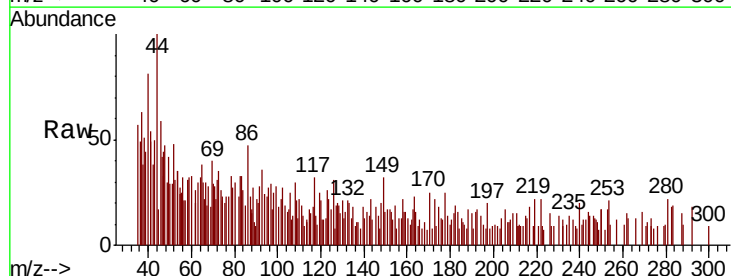
Ion Ratio Lower Upper

41 100

39 53.9 44.5 66.7

67 75.7 57.4 86.0

52 79.0 23.0 34.4#

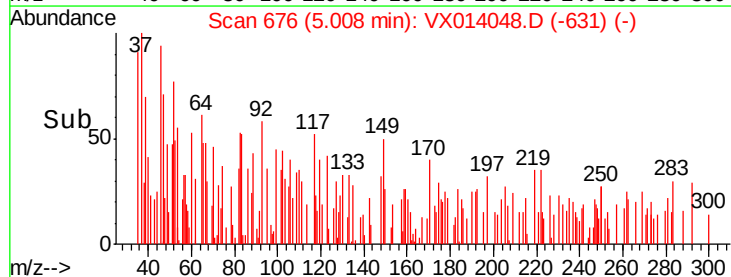
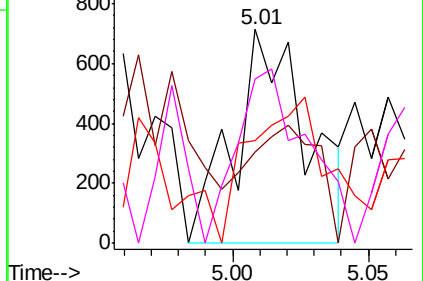


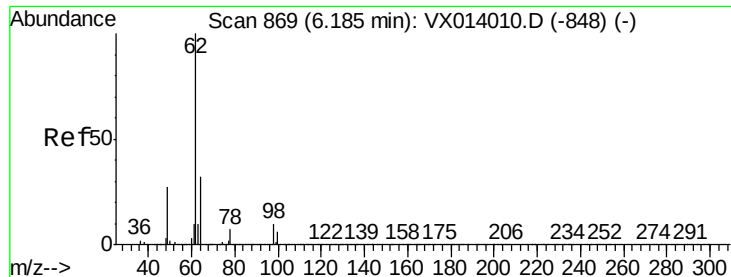
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

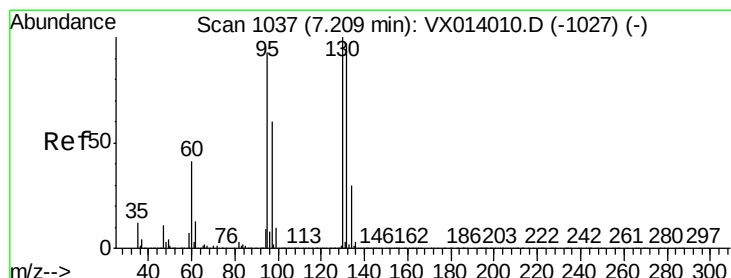
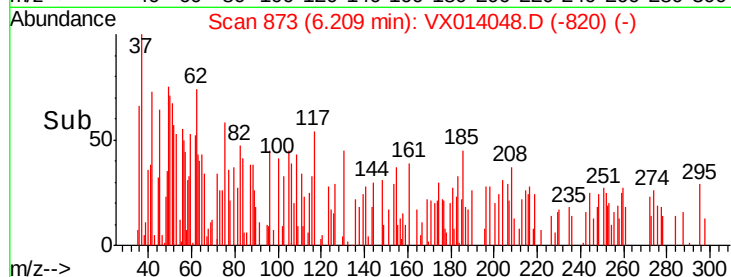
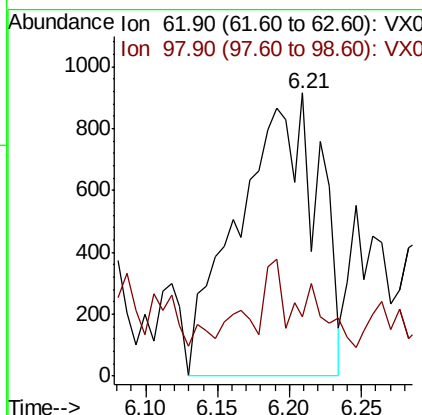
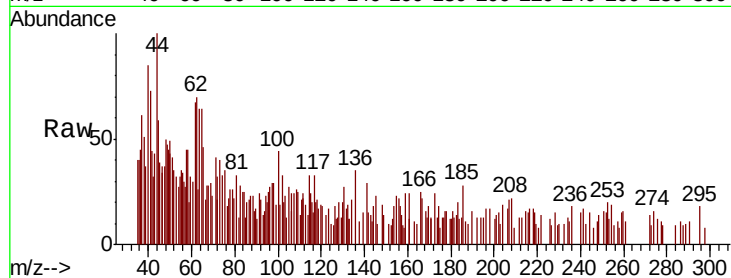




#42
1,2-Dichloroethane
Concen: 0.426 ug/l
RT: 6.21 min Scan# 873
Delta R.T. 0.02 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

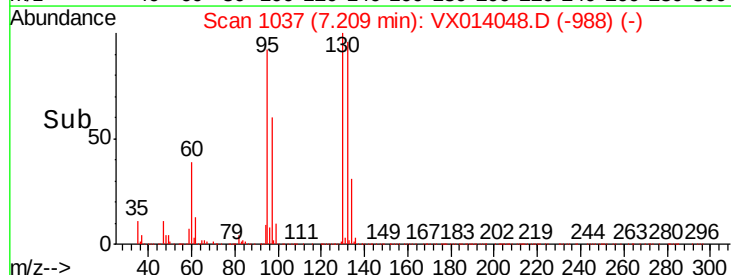
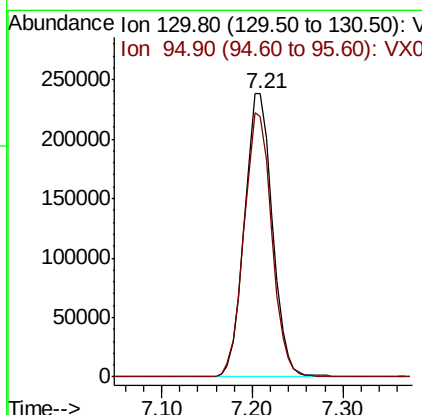
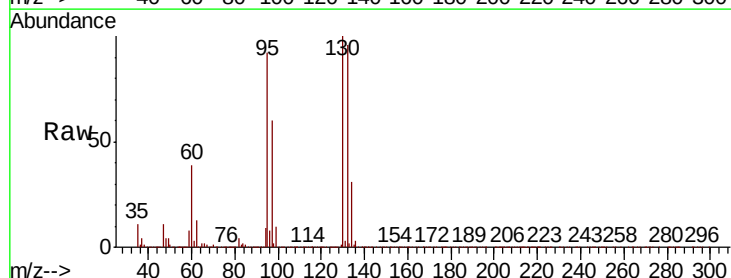
Instrument :
MSVOA_X
ClientSampleID :
MW201D-20191207

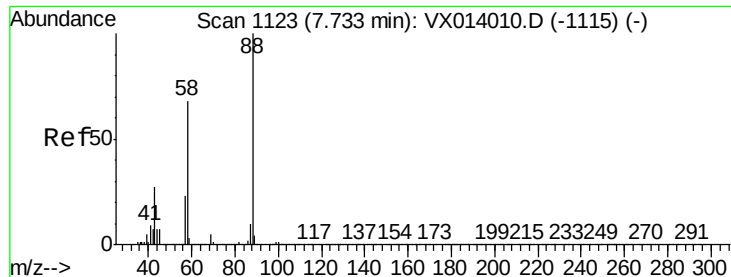
Tot Ion: 62 Resp: 3504
Ion Ratio Lower Upper
62 100
98 6.6 0.0 21.0



#44
Trichloroethene
Concen: 75.655 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

Tgt Ion:130 Resp: 507577
Ion Ratio Lower Upper
130 100
95 92.1 0.0 185.6





#49

1,4-Dioxane

Concen: 17.814 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20191207

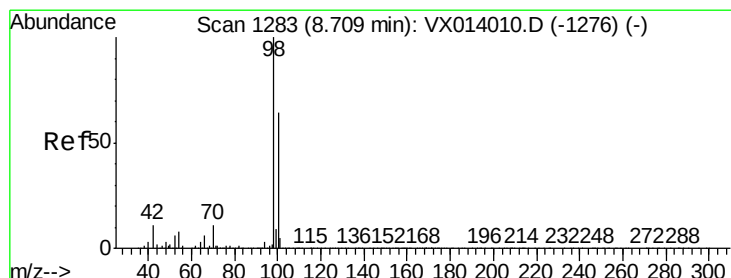
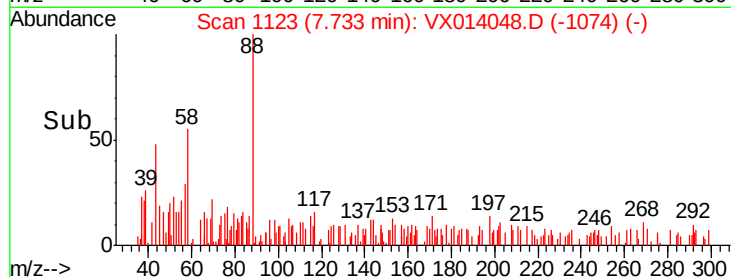
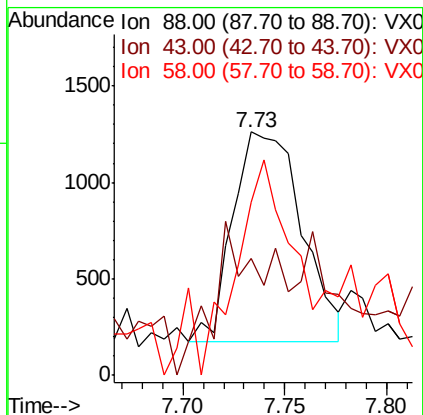
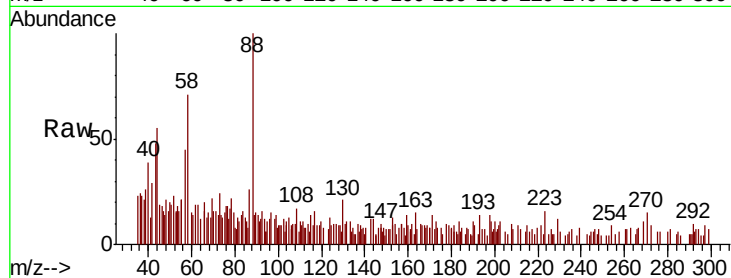
Tot Ion: 88 Resp: 2561

Ion Ratio Lower Upper

88 100

43 44.4 26.5 39.7#

58 82.6 56.8 85.2



#50

Toluene-d8

Concen: 50.189 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014048.D

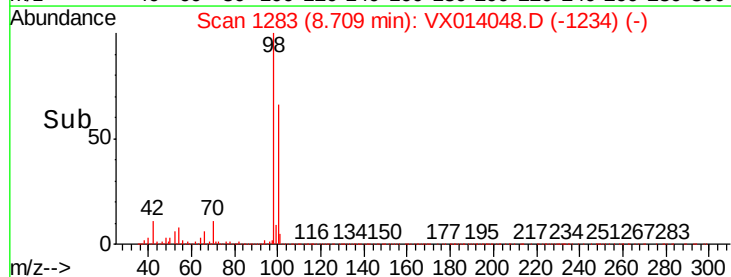
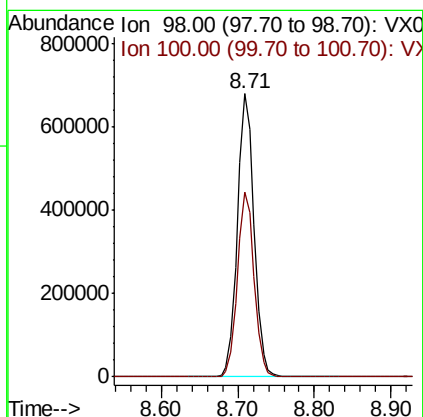
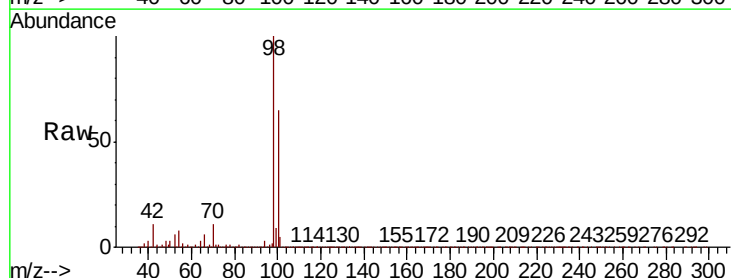
Acq: 16 Dec 2019 20:17

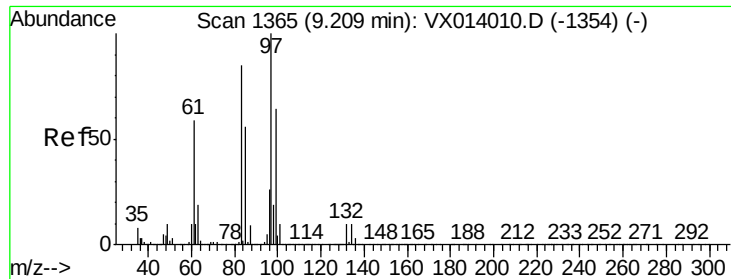
Tgt Ion: 98 Resp: 1021953

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3

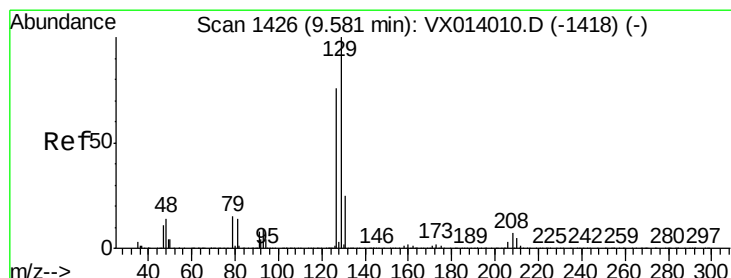
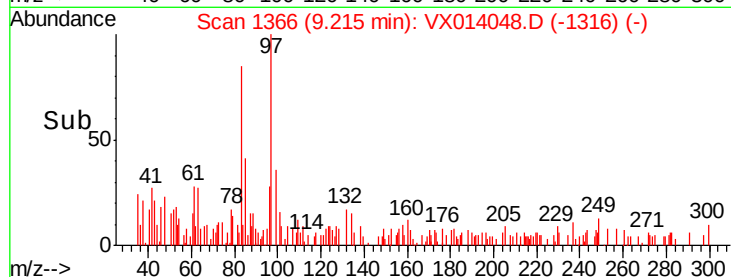
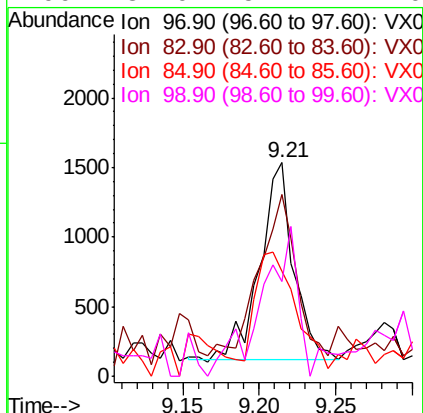
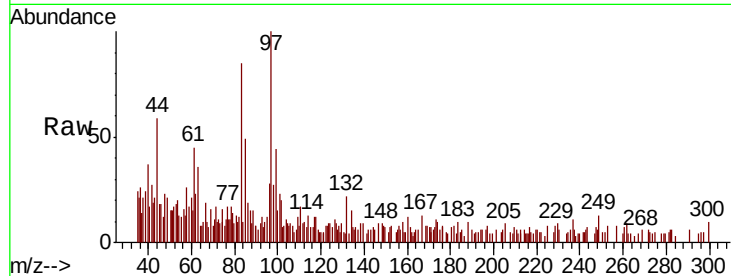




#55
 1,1,2-Trichloroethane
 Concen: 0.353 ug/l
 RT: 9.21 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VX014048.D
 Acq: 16 Dec 2019 20:17

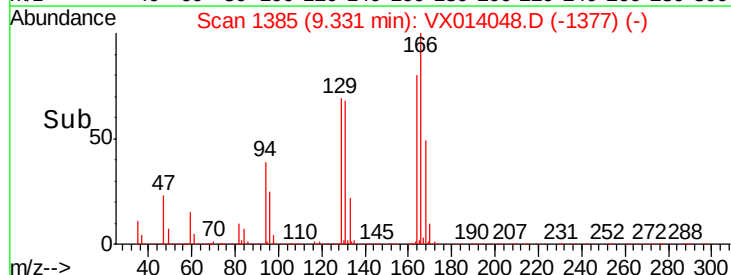
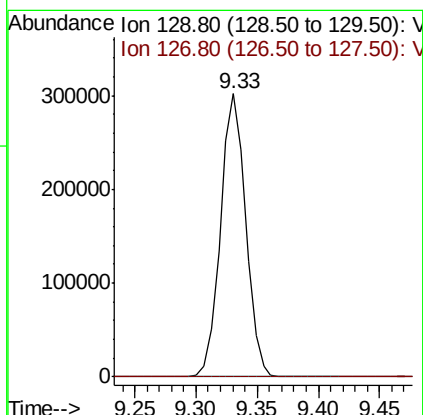
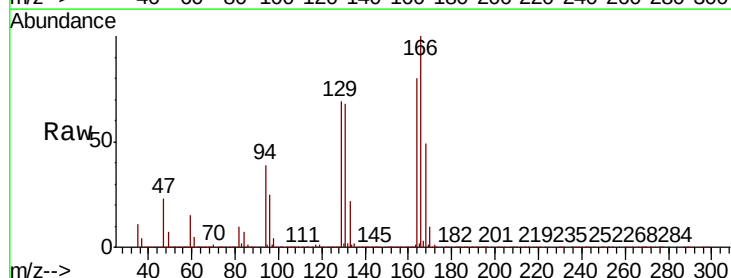
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20191207

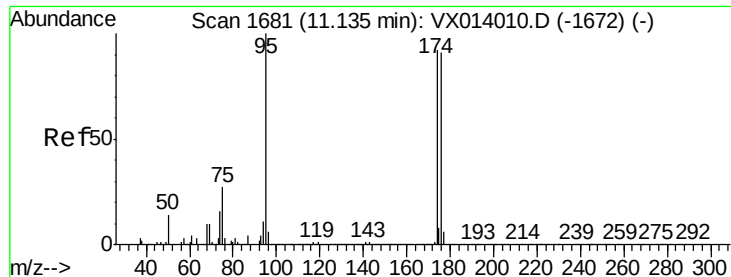
Tot Ion: 97 Resp: 2174
 Ion Ratio Lower Upper
 97 100
 83 66.8 68.2 102.4#
 85 42.3 44.6 66.8#
 99 37.0 51.4 77.0#



#60
 Dibromochloromethane
 Concen: 70.290 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. -0.25 min
 Lab File: VX014048.D
 Acq: 16 Dec 2019 20:17

Tgt Ion: 129 Resp: 429922
 Ion Ratio Lower Upper
 129 100
 127 0.1 38.4 115.2#





#62

4-Bromofluorobenzene

Concen: 44.790 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20191207

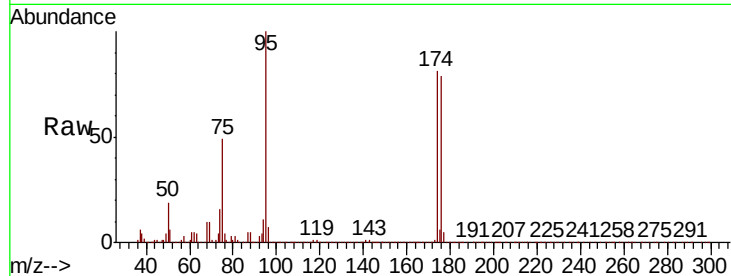
Tot Ion: 95 Resp: 333386

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.8

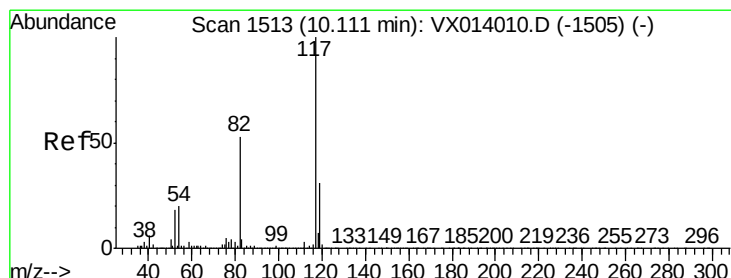
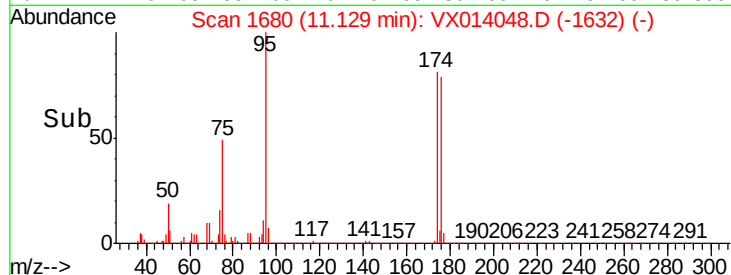
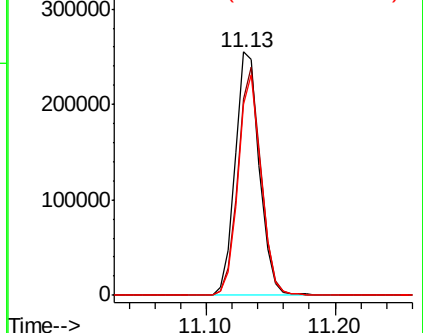
176 86.3 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

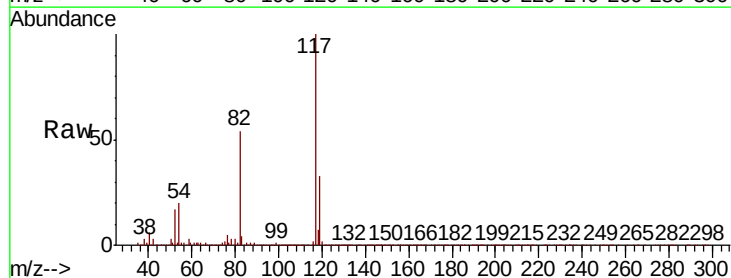
Tgt Ion: 117 Resp: 765844

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

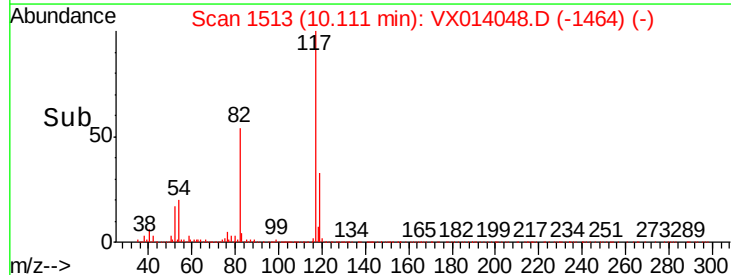
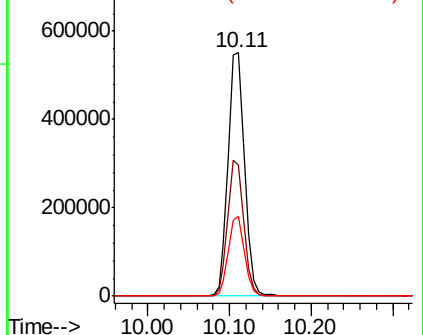
119 32.5 25.1 37.7

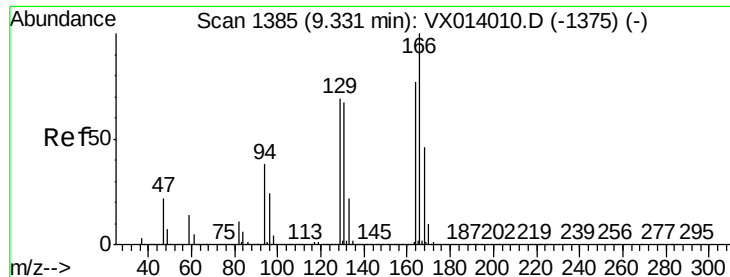


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

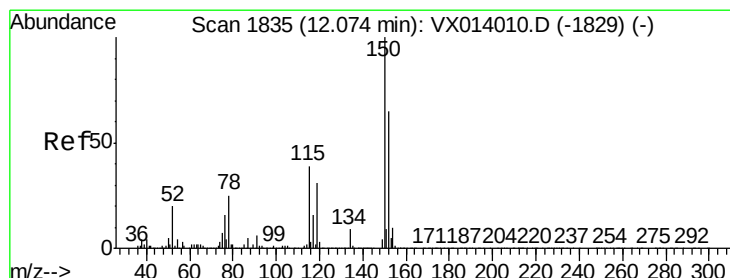
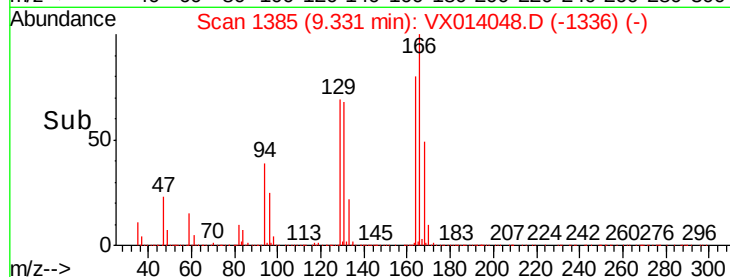
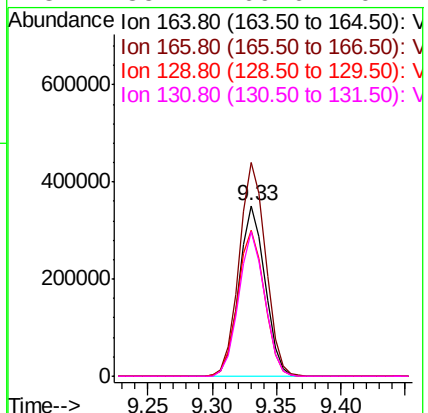
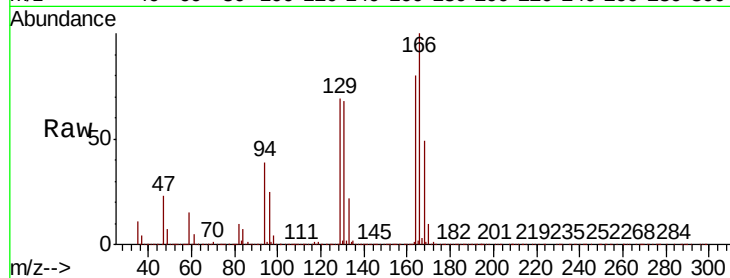




#64
Tetrachloroethene
Concen: 72.497 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

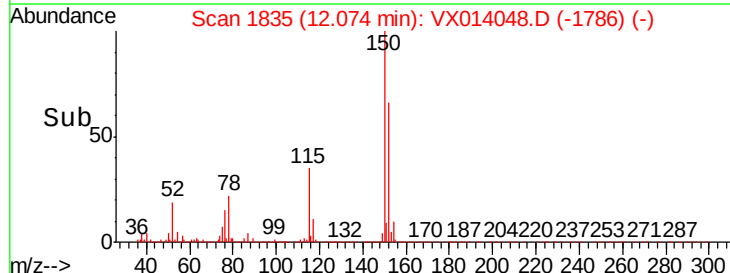
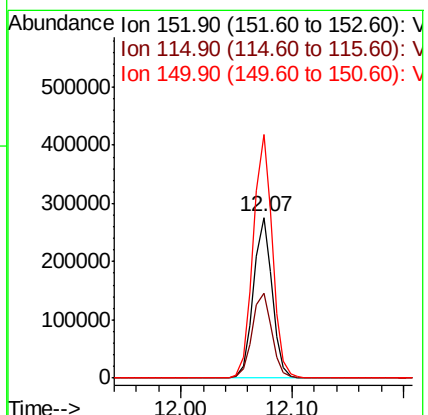
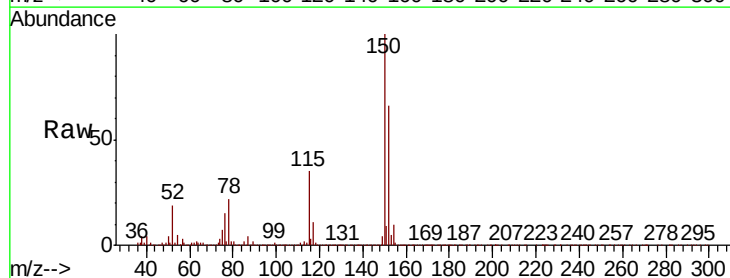
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20191207

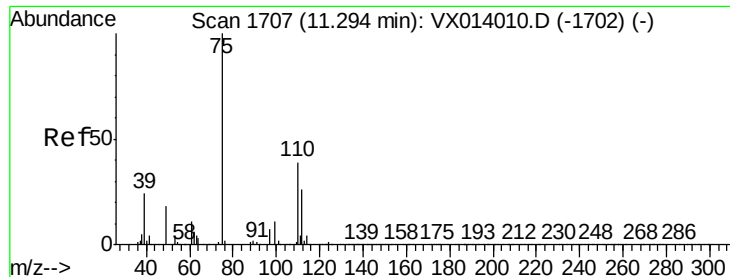
Tot Ion	Ratio	Lower	Upper
164	100		
166	125.3	104.0	156.0
129	86.0	72.2	108.4
131	85.2	69.6	104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014048.D
Acq: 16 Dec 2019 20:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.3	114.9
150	155.1	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 23.274 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

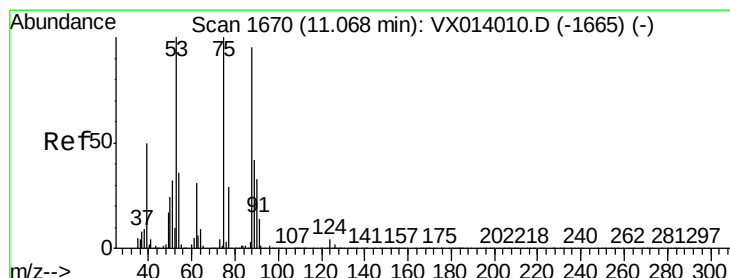
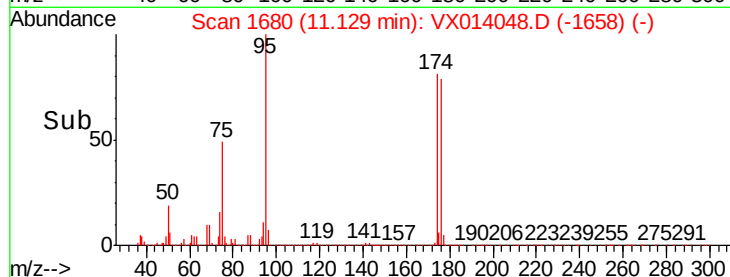
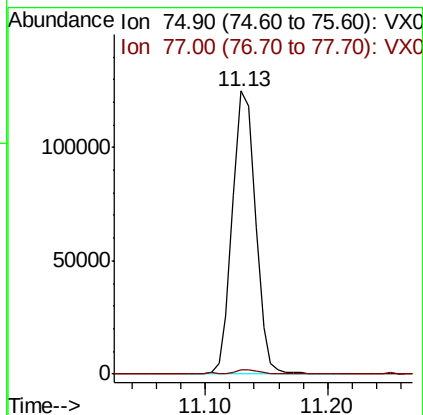
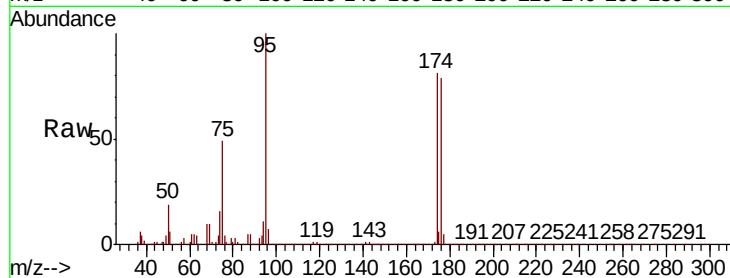
MW201D-20191207

Tot Ion: 75 Resp: 163262

Ion Ratio Lower Upper

75 100

77 2.0 19.3 57.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.692 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014048.D

Acq: 16 Dec 2019 20:17

Tgt Ion: 75 Resp: 163262

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.2 34.6 51.8#

