

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011480.D
 Acq On : 12 Aug 2019 13:55
 Operator : JC/SP
 Sample : K4262-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20B_080819

Quant Time: Aug 13 07:38:48 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	193520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115610	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105270	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
35) Dibromofluoromethane	5.49	113	90058	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
50) Toluene-d8	8.71	98	336040	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.13	95	108461	42.63	ug/l	0.00
Spiked Amount			Recovery	=	85.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	455	0.271	ug/l #	42
4) Vinyl Chloride	1.40	62	79367	42.988	ug/l	98
5) Bromomethane	1.65	94	479	0.364	ug/l #	54
6) Chloroethane	1.70	64	371	Below Cal	#	43
9) 1,1,2-Trichlorotrifluoroet	2.37	101	425	0.239	ug/l #	24
11) Tert butyl alcohol	3.04	59	2647	6.834	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	139663	79.321	ug/l	86
16) Acetone	2.43	43	3475	3.746	ug/l	97
17) Carbon Disulfide	2.56	76	858	0.208	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	2130	1.144	ug/l #	85
24) 1,1-Dichloroethane	3.69	63	80384	26.425	ug/l	98
25) 2-Butanone	4.68	43	421	0.319	ug/l #	46
27) cis-1,2-Dichloroethene	4.59	96	701612	327.043	ug/l	93
29) Tetrahydrofuran	5.13	42	1272	1.572	ug/l	96
30) Chloroform	5.21	83	1676	0.507	ug/l #	78
31) Cyclohexane	5.66	56	3862	1.539	ug/l #	26
32) 1,1,1-Trichloroethane	5.48	97	8913	3.147	ug/l #	89
36) 1,1-Dichloropropene	5.65	75	13134	5.203	ug/l #	49
38) Carbon Tetrachloride	5.66	117	18355	7.227	ug/l #	15
39) Methylcyclohexane	7.21	83	9940	3.322	ug/l #	1
40) Benzene	6.13	78	3339	0.443	ug/l #	88
41) Methacrylonitrile	5.02	41	336	0.243	ug/l #	32
42) 1,2-Dichloroethane	6.19	62	3565	1.399	ug/l	90
44) Trichloroethene	7.21	130	882485	387.015	ug/l	98
49) 1,4-Dioxane	7.74	88	4274	77.377	ug/l	95
53) t-1,3-Dichloropropene	9.07	75	48	2.855	ug/l #	43
55) 1,1,2-Trichloroethane	9.21	97	2091	1.021	ug/l #	84
60) Dibromochloromethane	9.34	129	23914	11.406	ug/l #	10
64) Tetrachloroethene	9.34	164	25552	11.824	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	57552	27.335	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	57552	70.911	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	1754	0.679	ug/l	89
96) 1,2,3-Trichlorobenzene	14.02	180	1224	0.466	ug/l	91

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

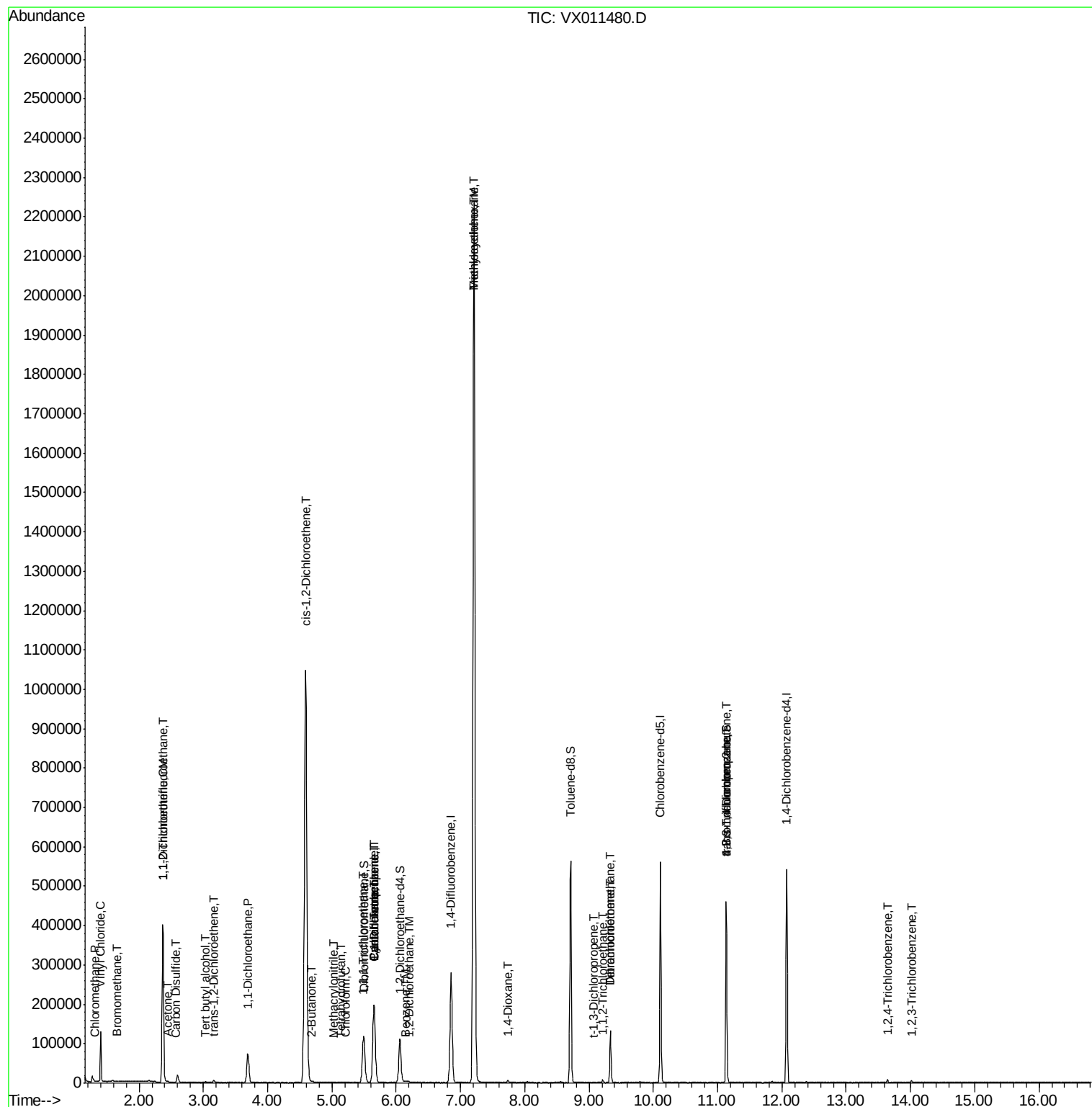
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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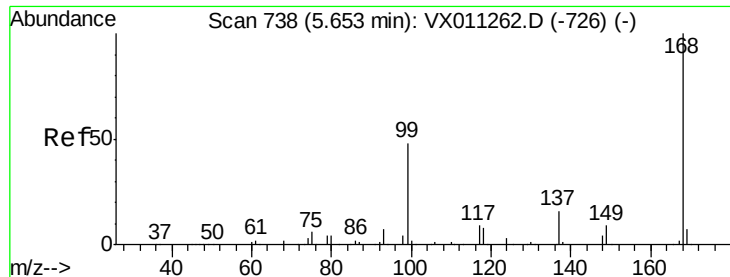
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

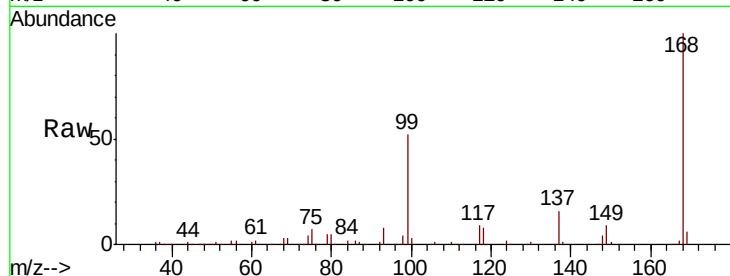
MW-20B_080819

Tgt Ion:168 Resp: 193520

Ion Ratio Lower Upper

168 100

99 51.5 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

80000

60000

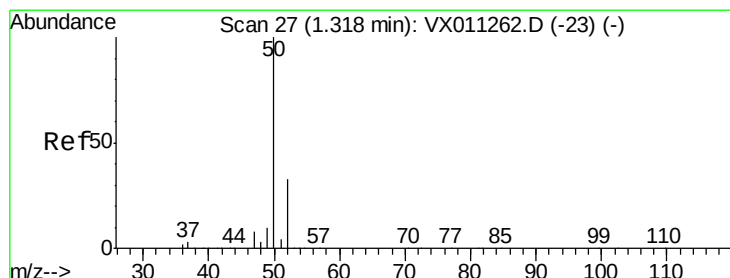
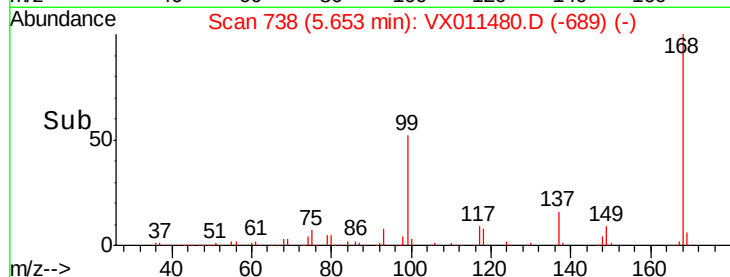
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.271 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011480.D

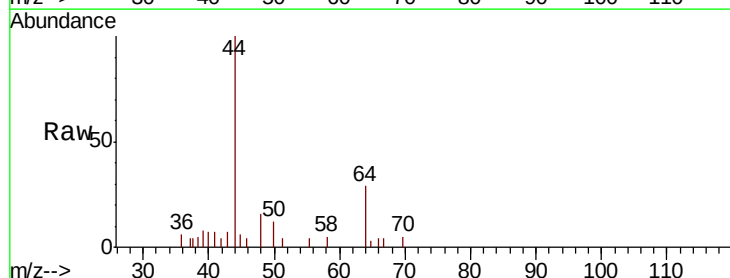
Acq: 12 Aug 2019 13:55

Tgt Ion: 50 Resp: 455

Ion Ratio Lower Upper

50 100

52 0.0 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

600

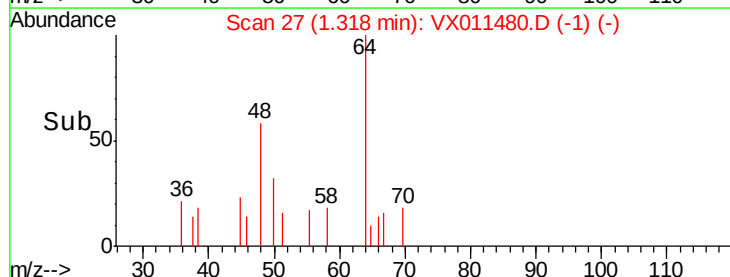
400

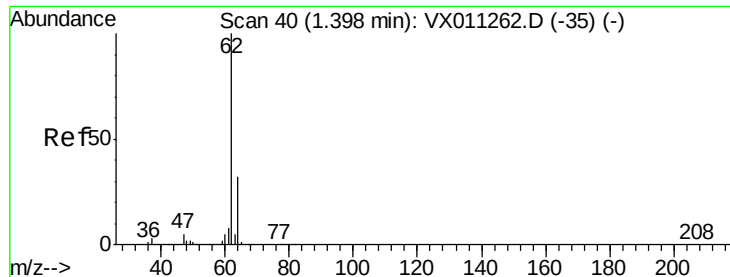
200

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 42.988 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

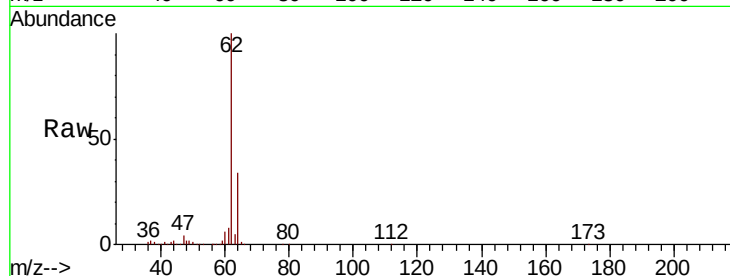
MW-20B_080819

Tgt Ion: 62 Resp: 79367

Ion Ratio Lower Upper

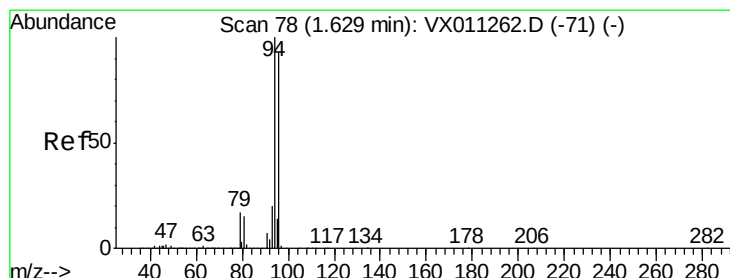
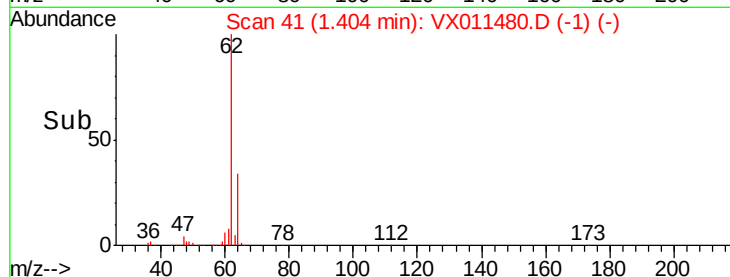
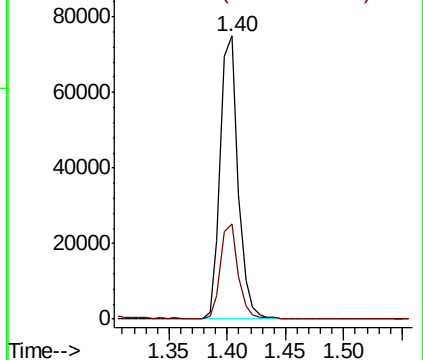
62 100

64 33.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.364 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX011480.D

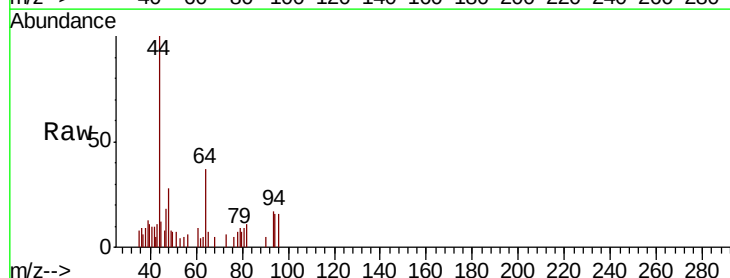
Acq: 12 Aug 2019 13:55

Tgt Ion: 94 Resp: 479

Ion Ratio Lower Upper

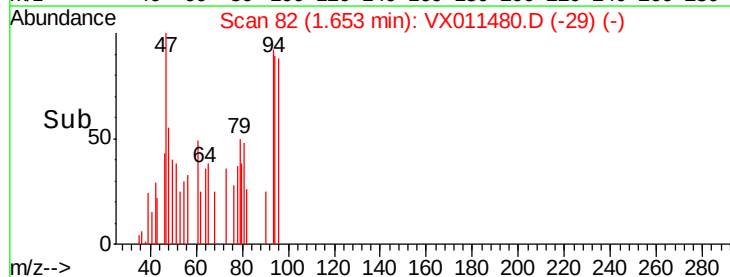
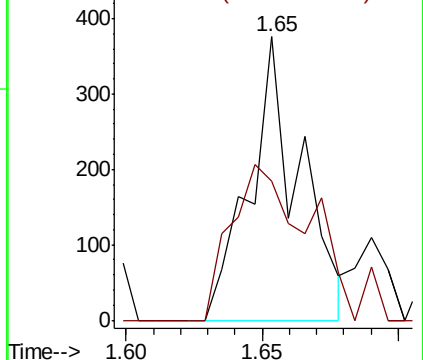
94 100

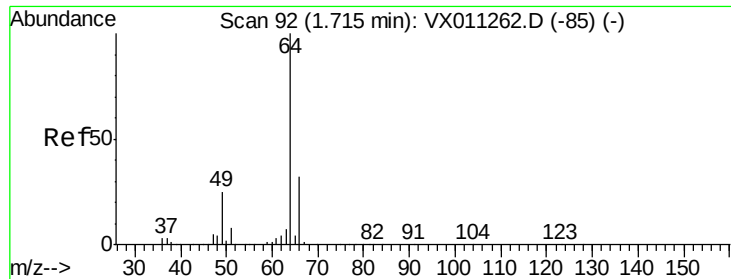
96 48.9 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

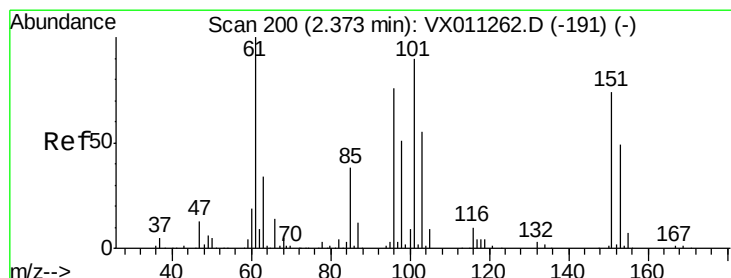
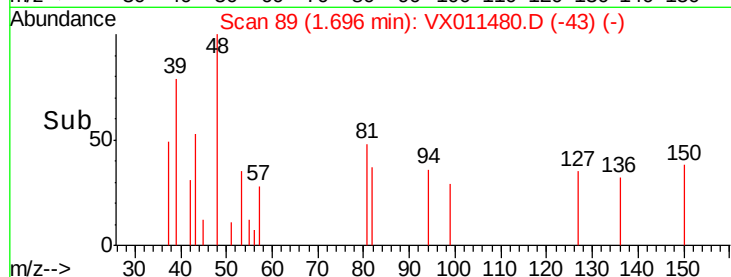
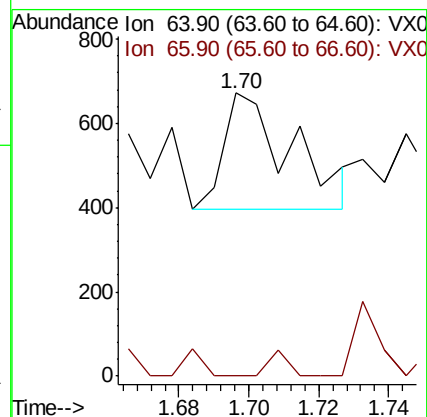
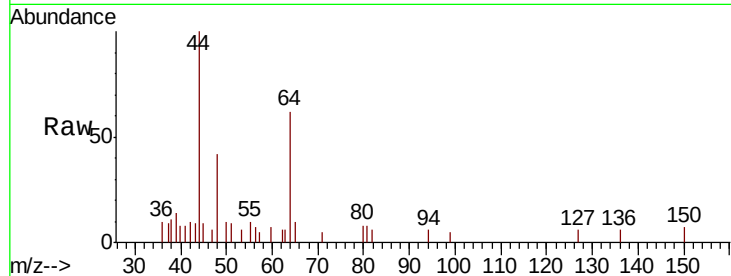
MW-20B_080819

Tgt Ion: 64 Resp: 371

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.239 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

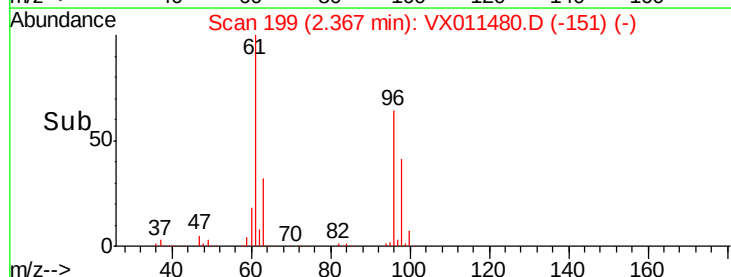
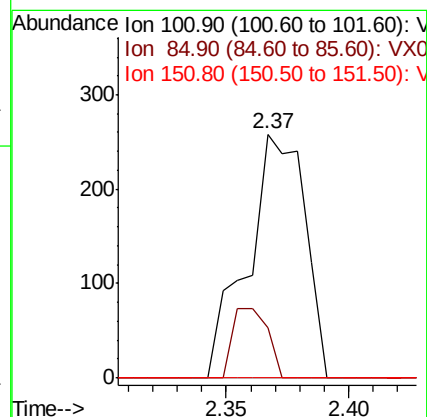
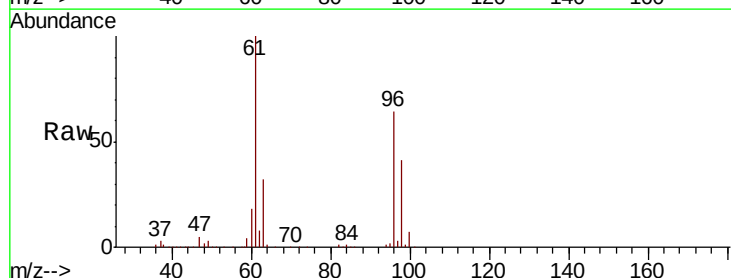
Tgt Ion: 101 Resp: 425

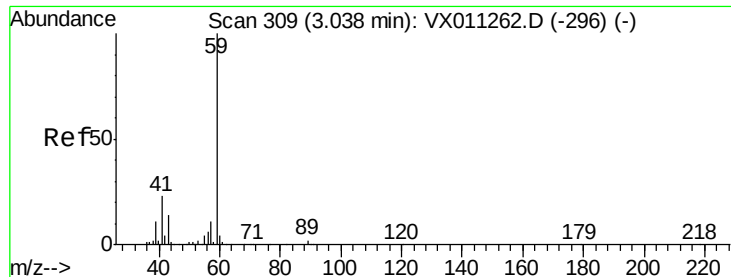
Ion Ratio Lower Upper

101 100

85 17.2 33.8 50.6#

151 0.0 69.5 104.3#

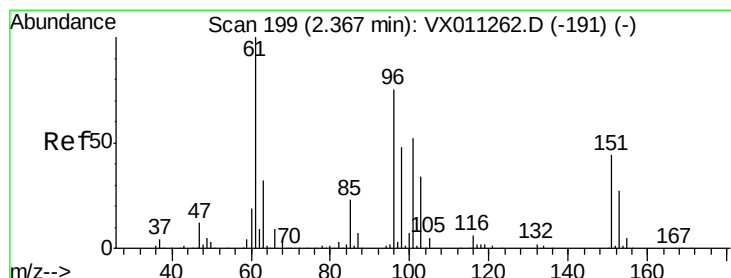
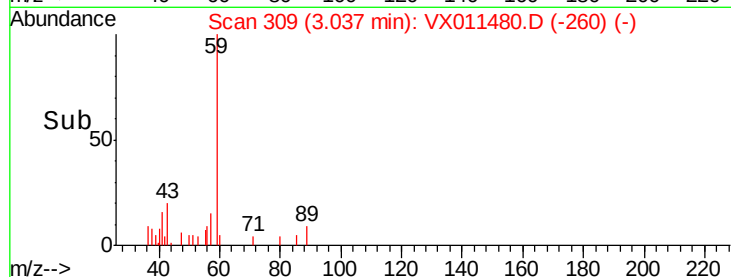
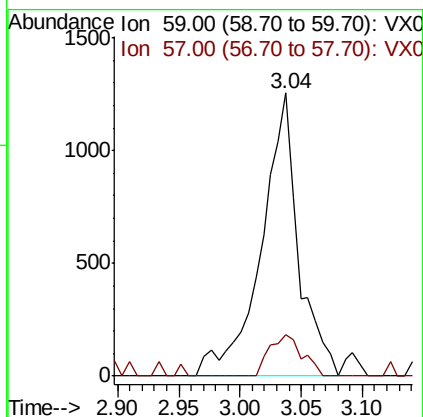
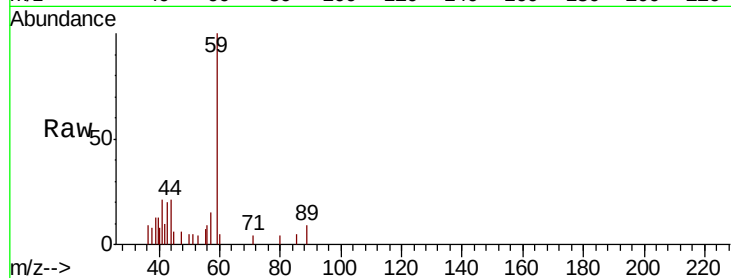




#11
Tert butyl alcohol
Concen: 6.834 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

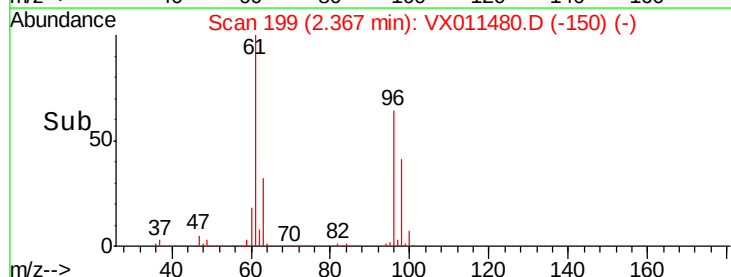
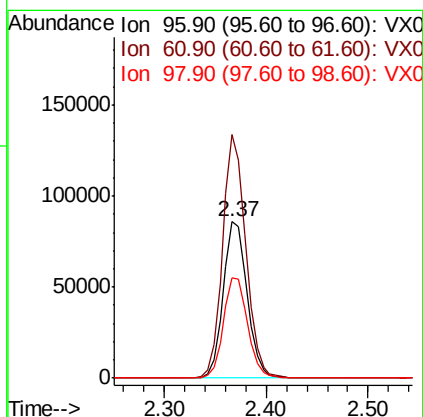
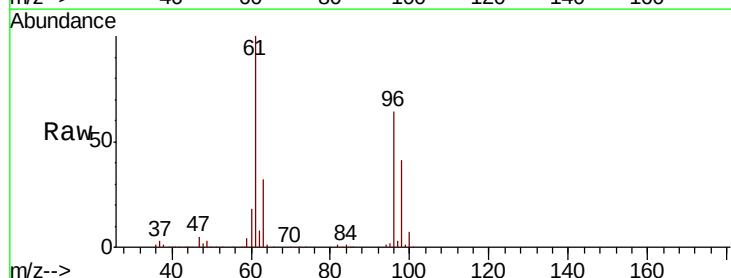
Instrument :
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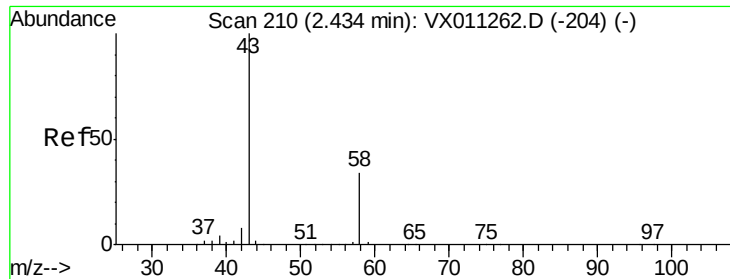
Tgt Ion: 59 Resp: 2647
Ion Ratio Lower Upper
59 100
57 13.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 79.321 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Tgt Ion: 96 Resp: 139663
Ion Ratio Lower Upper
96 100
61 155.9 106.2 159.2
98 64.5 50.6 75.8





#16

Acetone

Concen: 3.746 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

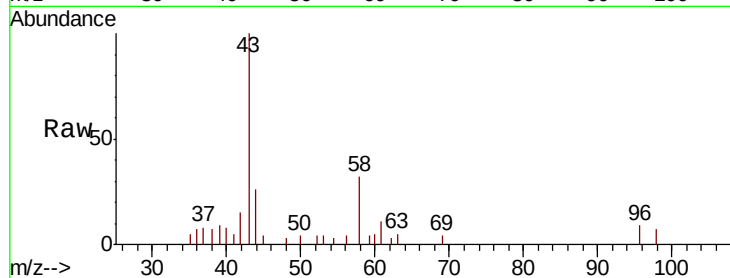
MW-20B_080819

Tgt Ion: 43 Resp: 3475

Ion Ratio Lower Upper

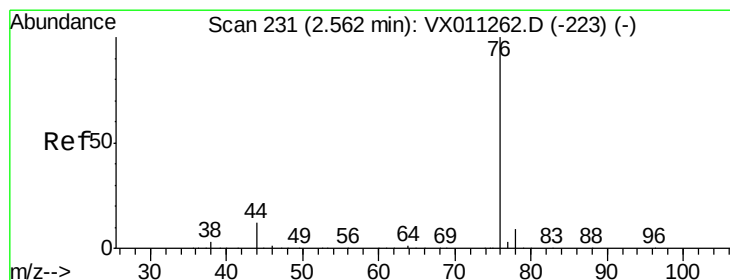
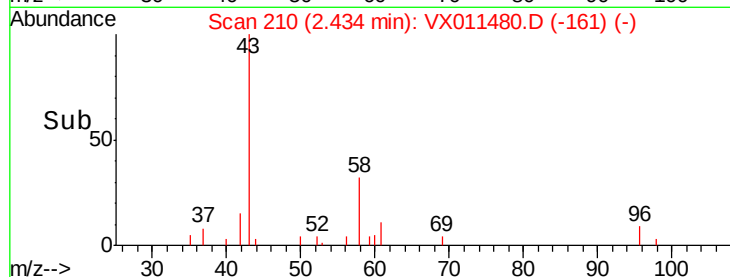
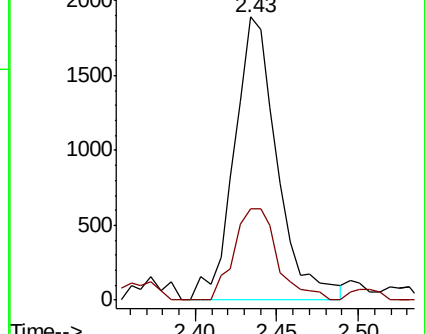
43 100

58 32.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.208 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011480.D

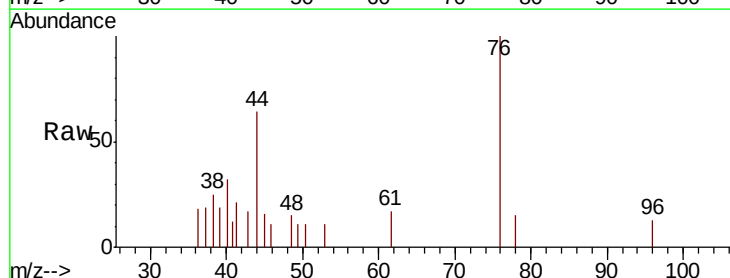
Acq: 12 Aug 2019 13:55

Tgt Ion: 76 Resp: 858

Ion Ratio Lower Upper

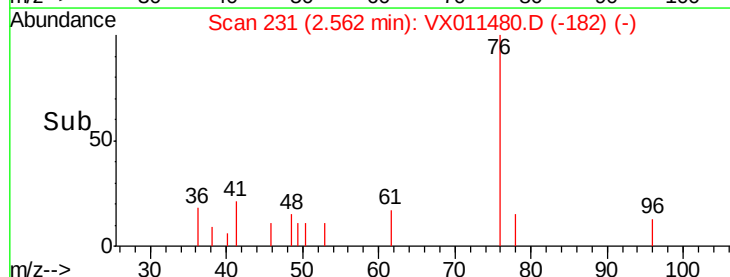
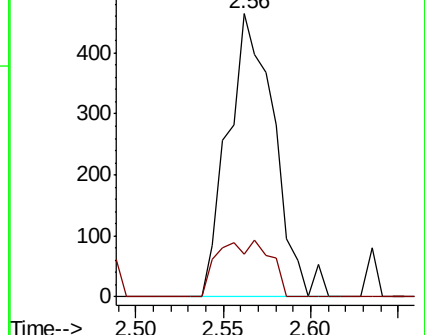
76 100

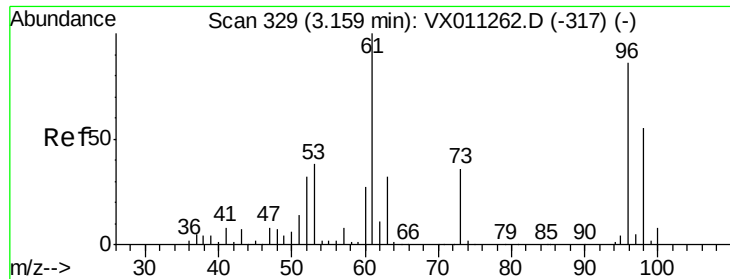
78 14.9 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

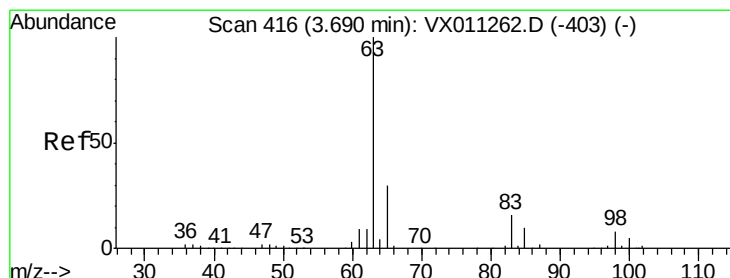
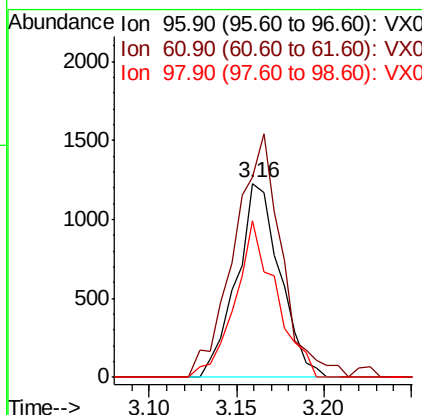
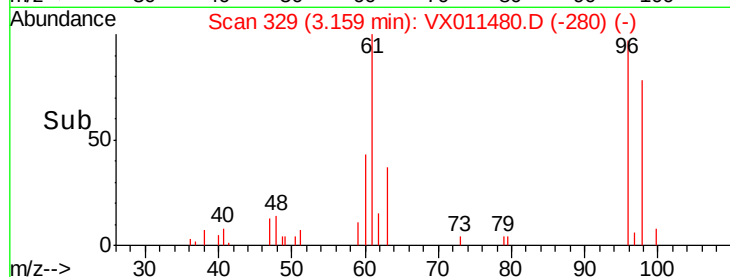
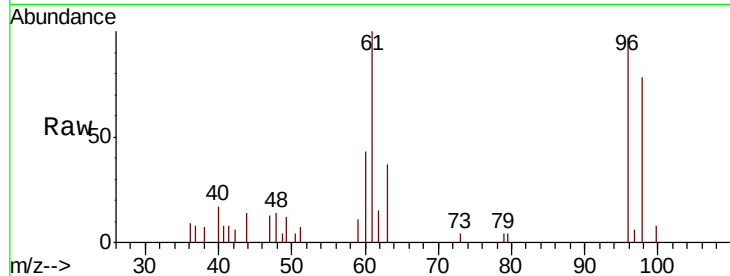




#21
trans-1,2-Dichloroethene
Concen: 1.144 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

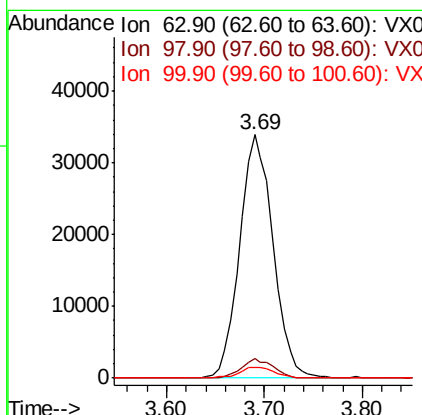
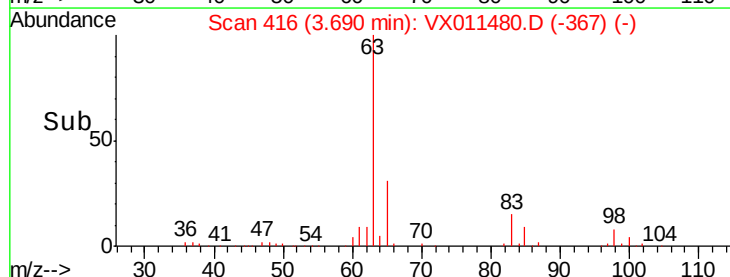
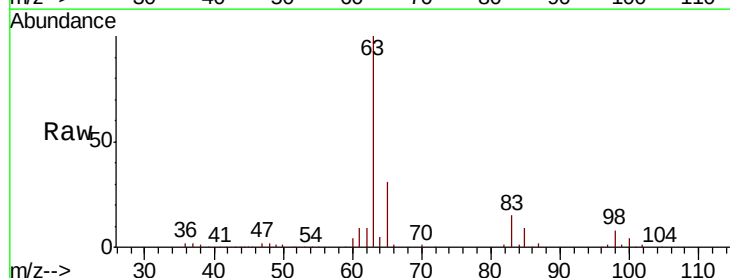
Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819

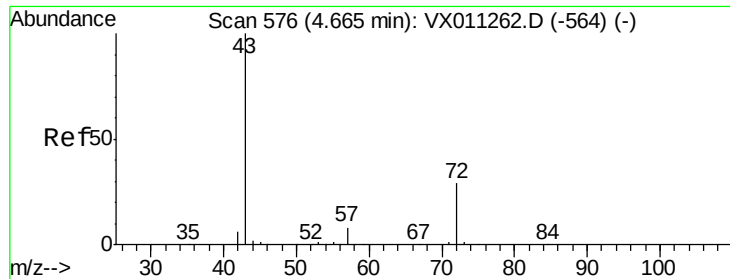
Tgt Ion: 96 Resp: 2130
Ion Ratio Lower Upper
96 100
61 103.1 92.8 139.2
98 80.7 51.2 76.8#



#24
1,1-Dichloroethane
Concen: 26.425 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Tgt Ion: 63 Resp: 80384
Ion Ratio Lower Upper
63 100
98 8.1 3.9 11.5
100 4.3 2.7 8.1





#25

2-Butanone

Concen: 0.319 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.02 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

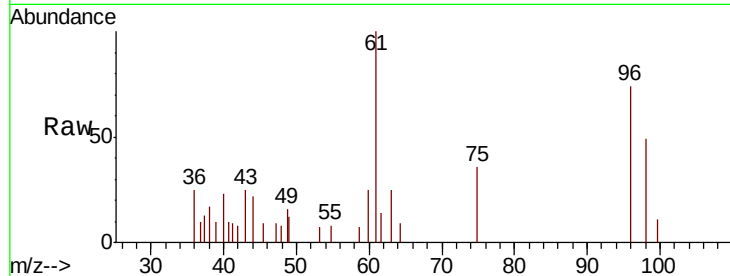
MW-20B_080819

Tgt Ion: 43 Resp: 421

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

2000

1500

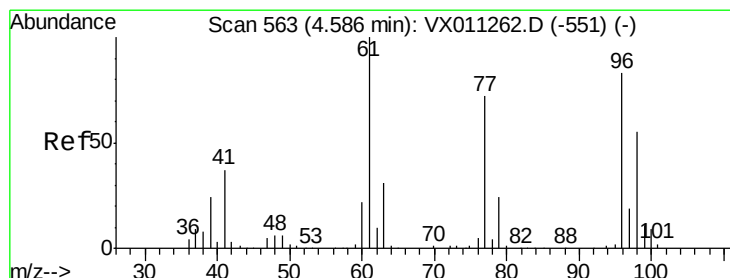
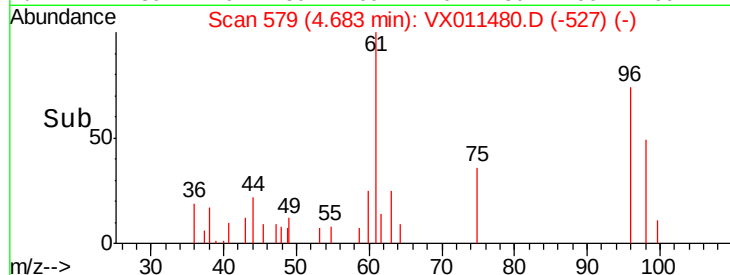
1000

500

0

4.65 4.70

Time-->



#27

cis-1,2-Dichloroethene

Concen: 327.043 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

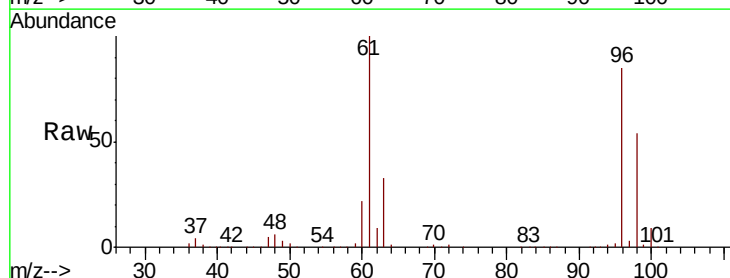
Tgt Ion: 96 Resp: 701612

Ion Ratio Lower Upper

96 100

61 118.6 0.0 260.2

98 64.3 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

400000

300000

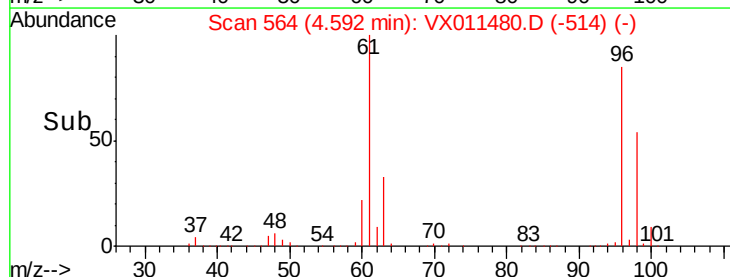
200000

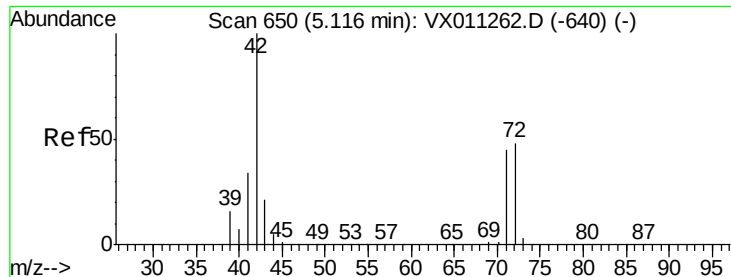
100000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#29

Tetrahydrofuran

Concen: 1.572 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.02 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-20B_080819

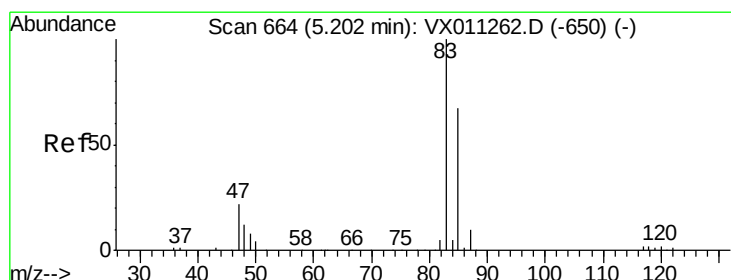
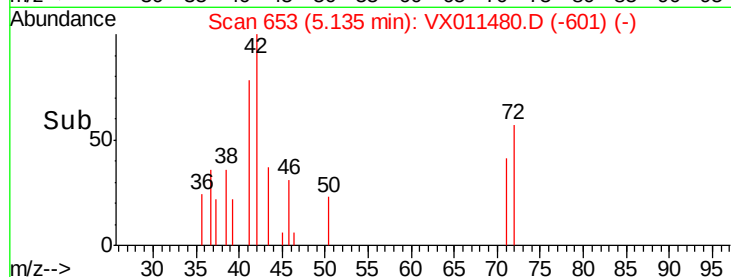
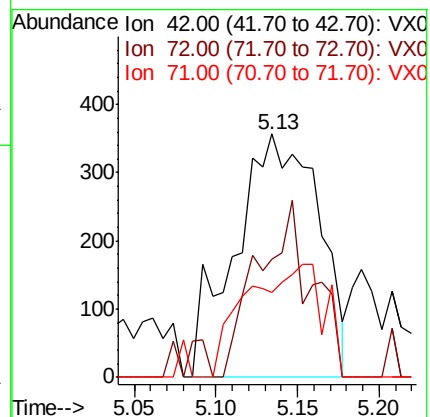
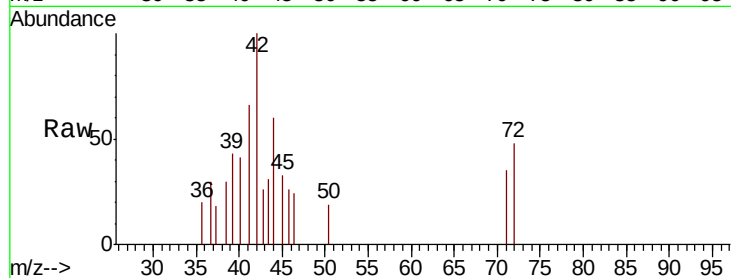
Tgt Ion: 42 Resp: 1272

Ion Ratio Lower Upper

42 100

72 46.9 39.9 59.9

71 43.2 36.9 55.3



#30

Chloroform

Concen: 0.507 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011480.D

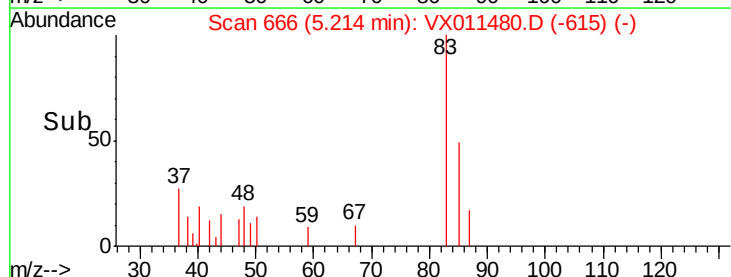
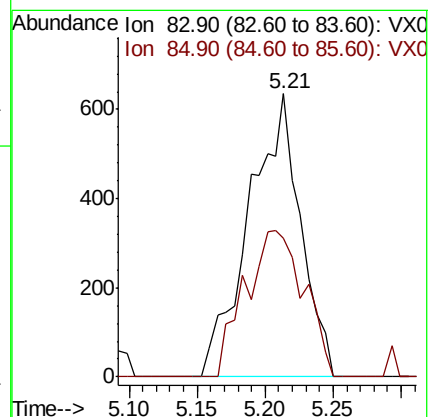
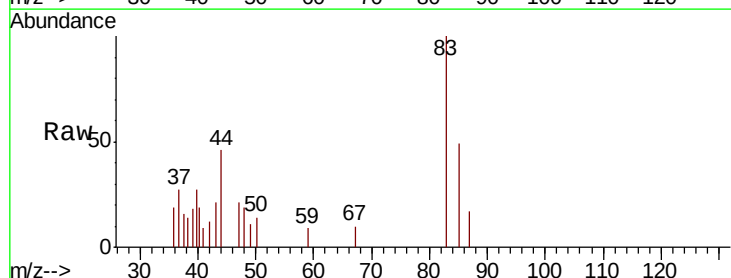
Acq: 12 Aug 2019 13:55

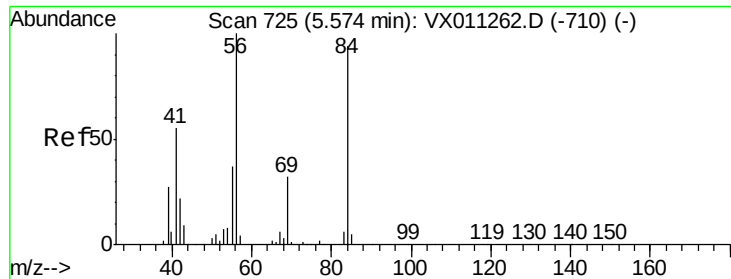
Tgt Ion: 83 Resp: 1676

Ion Ratio Lower Upper

83 100

85 49.1 53.4 80.0#

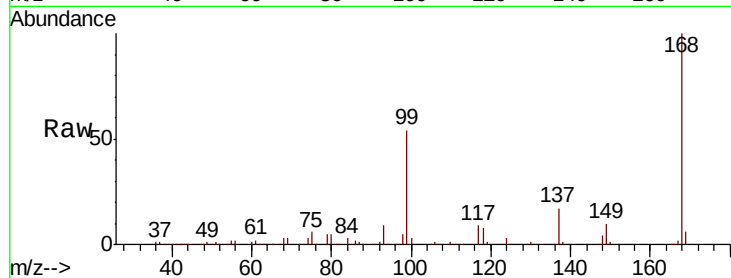




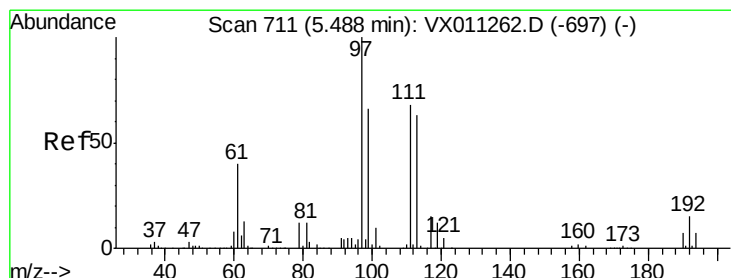
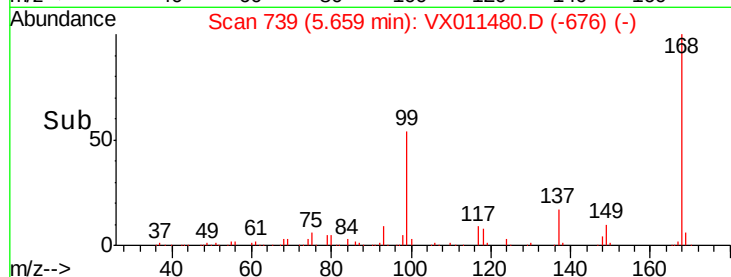
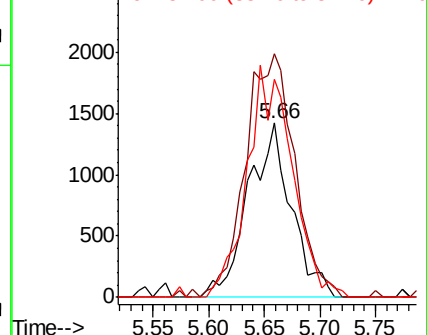
#31
Cyclohexane
Concen: 1.539 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819

Tgt Ion: 56 Resp: 3862
Ion Ratio Lower Upper
56 100
69 139.9 25.5 38.3#
84 125.1 75.0 112.4#

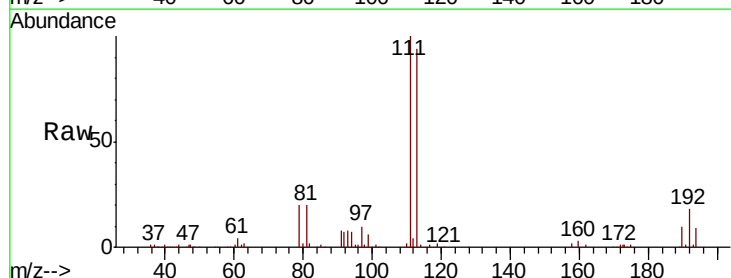


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

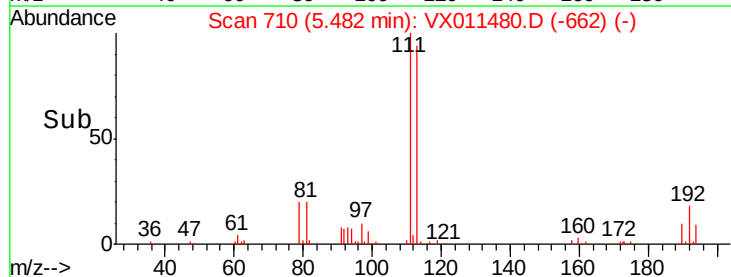
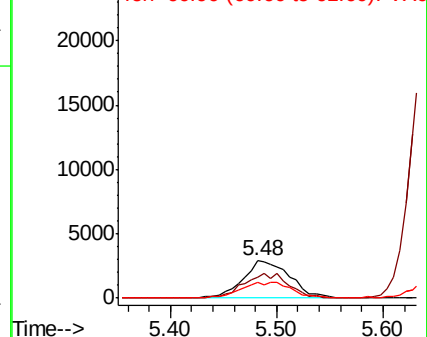


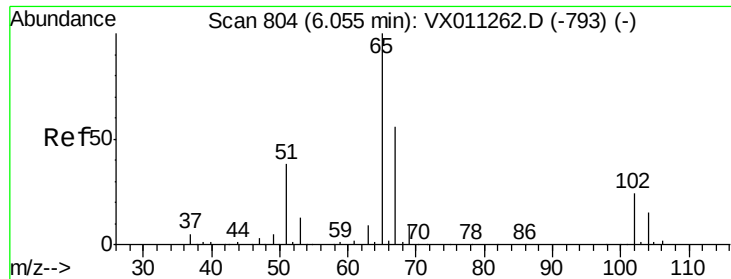
#32
1,1,1-Trichloroethane
Concen: 3.147 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Tgt Ion: 97 Resp: 8913
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 23.4 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

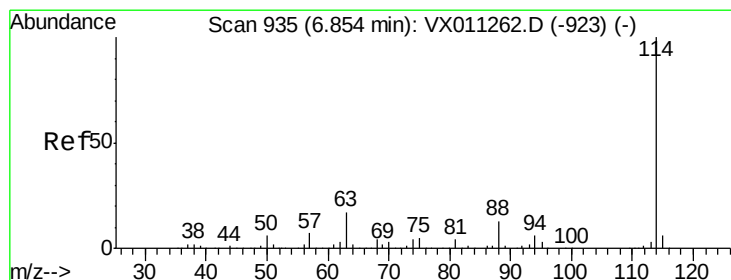
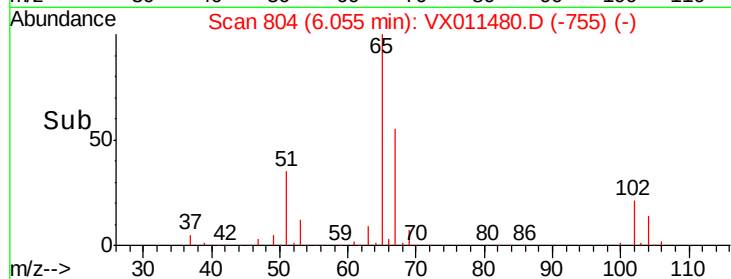
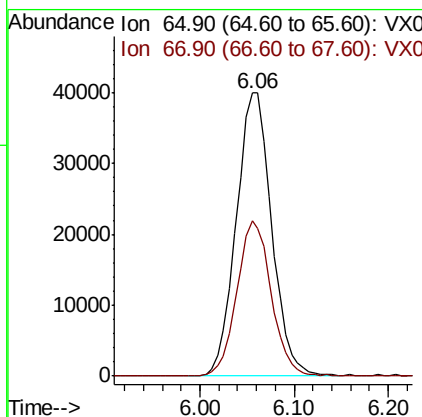
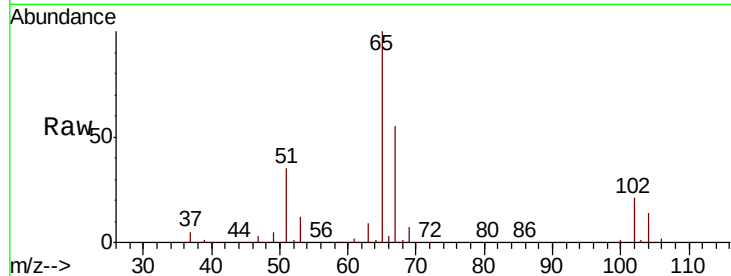




#33
 1,2-Dichloroethane-d4
 Concen: 54.016 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

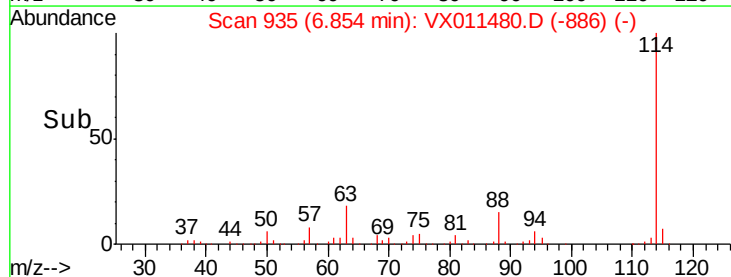
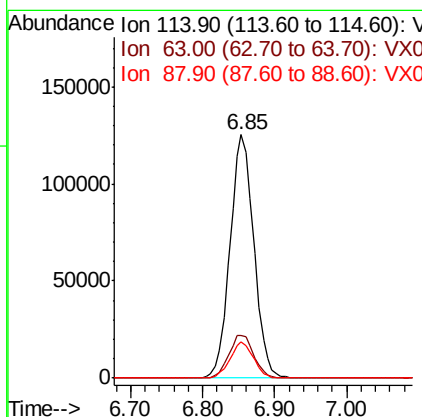
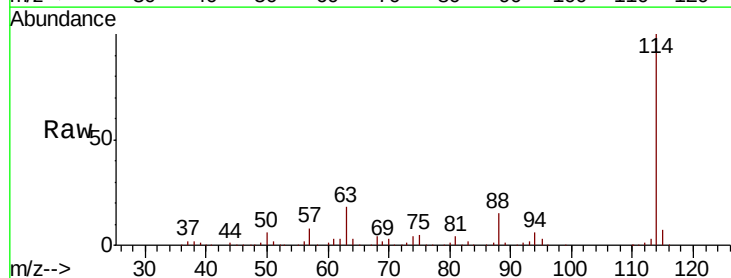
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20B_080819

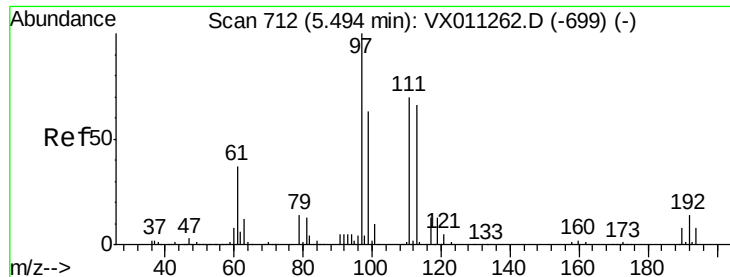
Tgt Ion: 65 Resp: 105270
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

Tgt Ion: 114 Resp: 289145
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 14.9 0.0 26.4

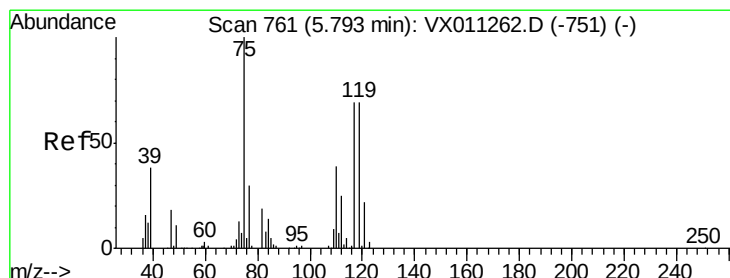
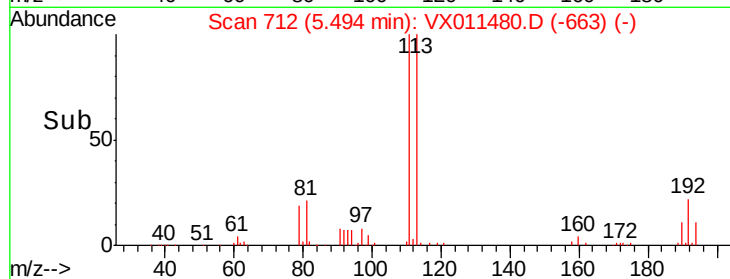
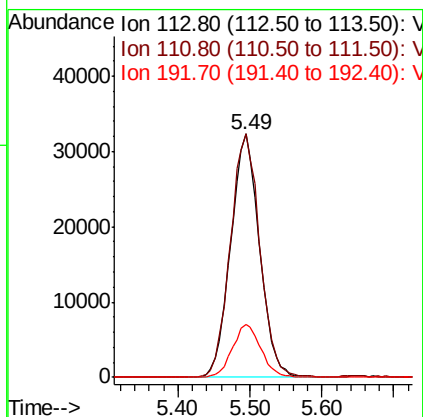
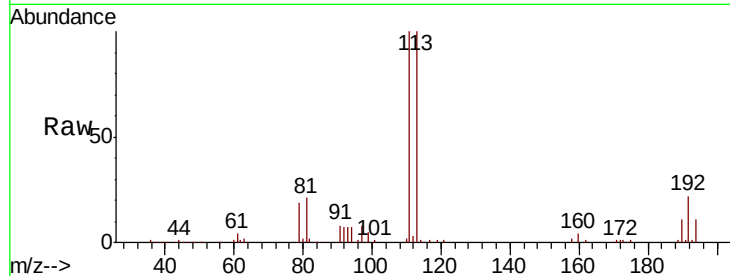




#35
 Dibromofluoromethane
 Concen: 47.706 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

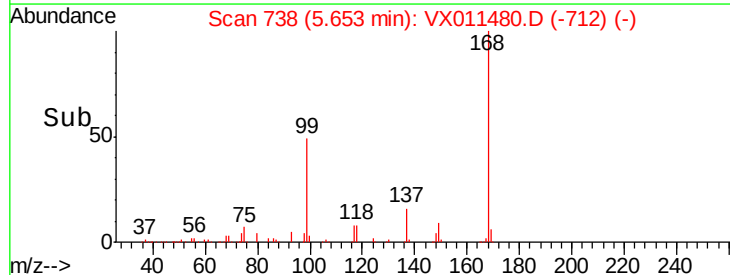
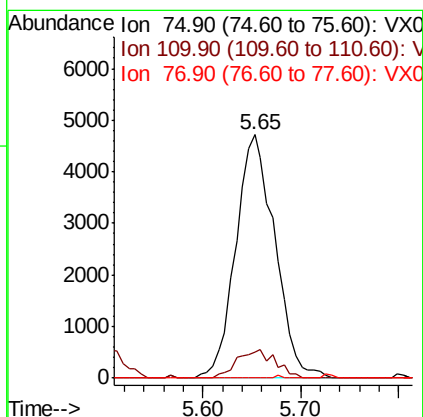
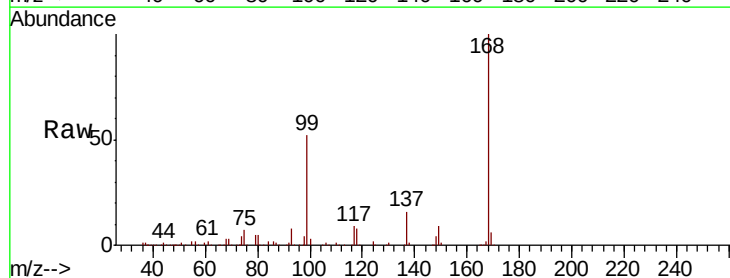
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20B_080819

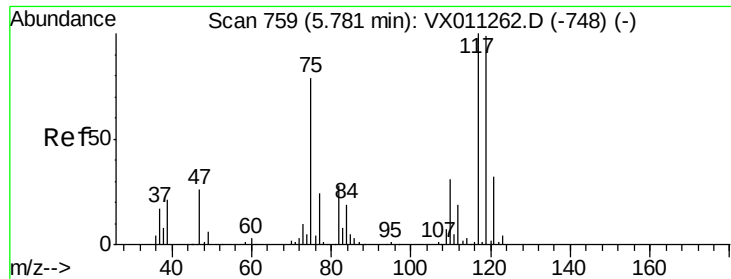
Tgt Ion:113 Resp: 90058
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 21.3 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 5.203 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

Tgt Ion: 75 Resp: 13134
 Ion Ratio Lower Upper
 75 100
 110 11.4 20.0 59.9#
 77 0.0 24.8 37.2#

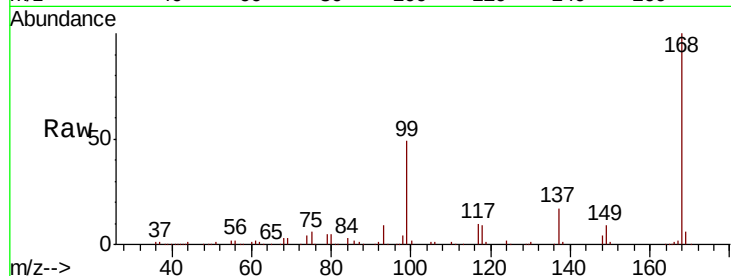




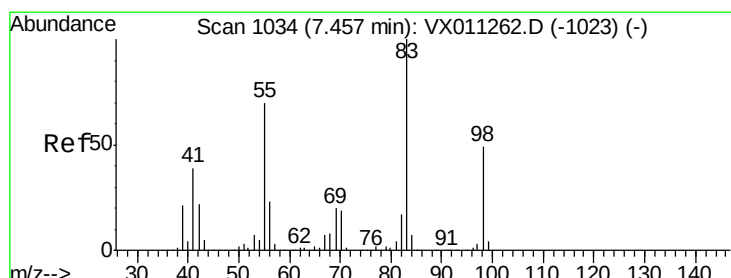
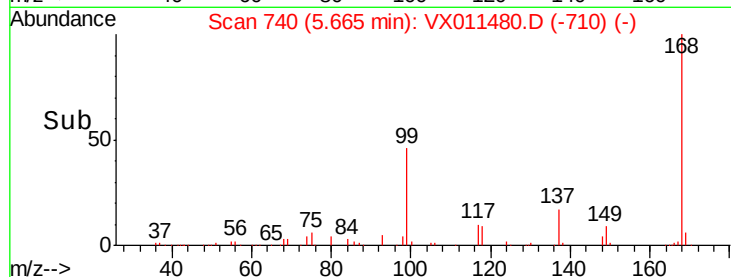
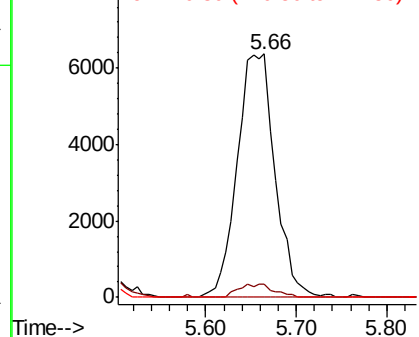
#38
Carbon Tetrachloride
Concen: 7.227 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819

Tgt Ion: 117 Resp: 18355
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.4#
121 0.0 25.9 38.9#

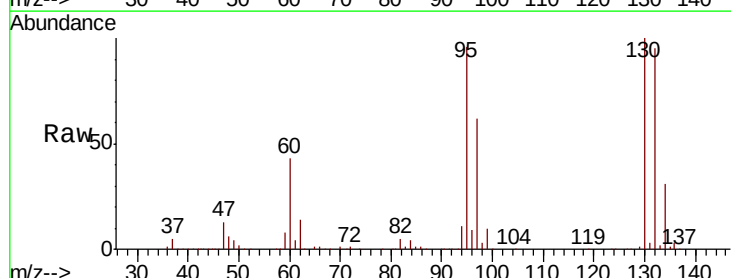


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

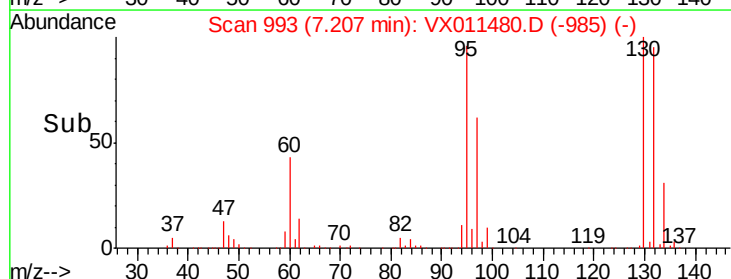
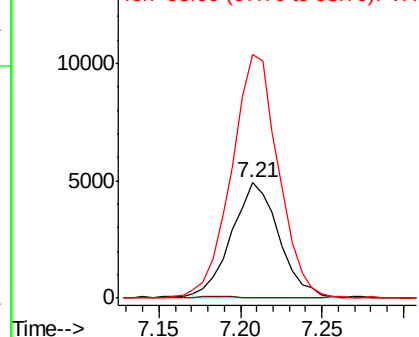


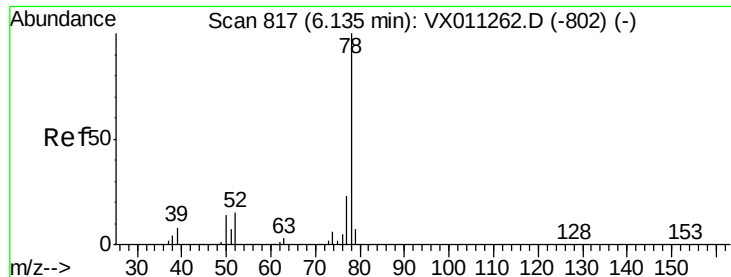
#39
Methylcyclohexane
Concen: 3.322 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.25 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Tgt Ion: 83 Resp: 9940
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 209.8 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





#40

Benzene

Concen: 0.443 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

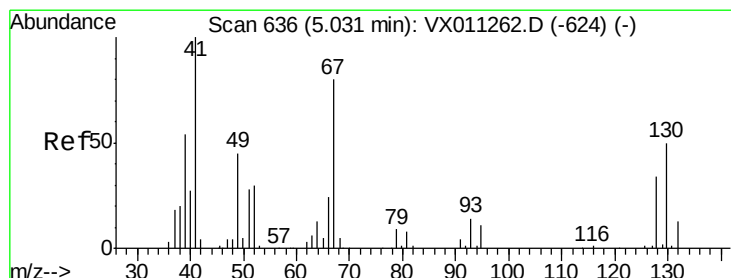
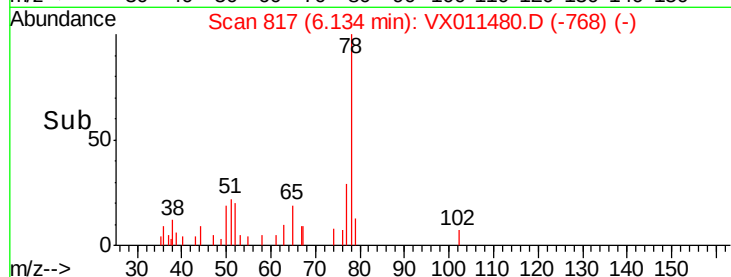
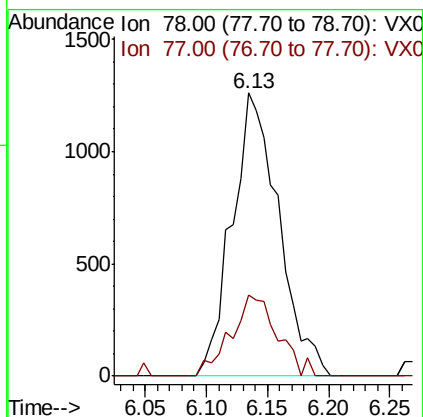
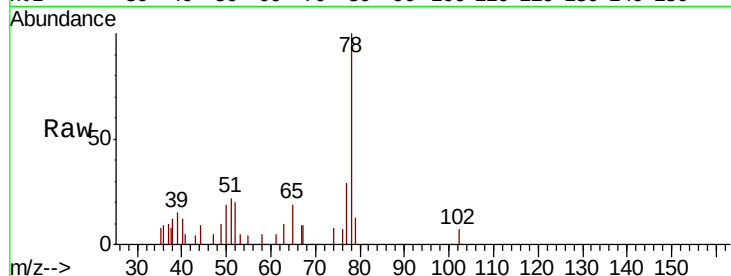
MW-20B_080819

Tgt Ion: 78 Resp: 3339

Ion Ratio Lower Upper

78 100

77 28.6 18.2 27.2#



#41

Methacrylonitrile

Concen: 0.243 ug/l

RT: 5.02 min Scan# 635

Delta R.T. -0.01 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Tgt Ion: 41 Resp: 336

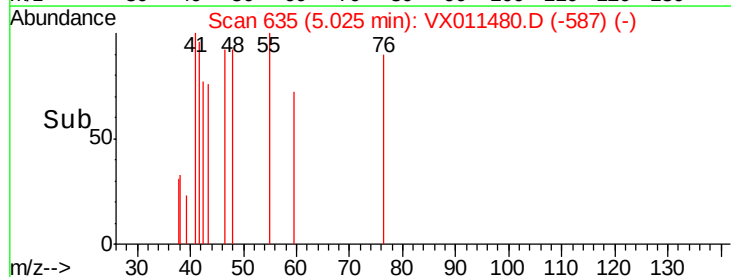
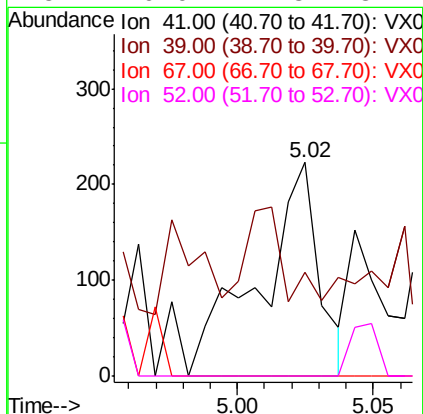
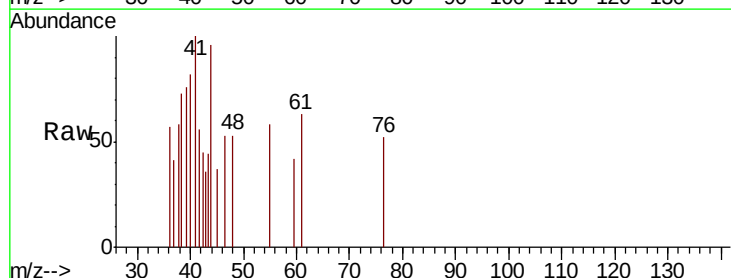
Ion Ratio Lower Upper

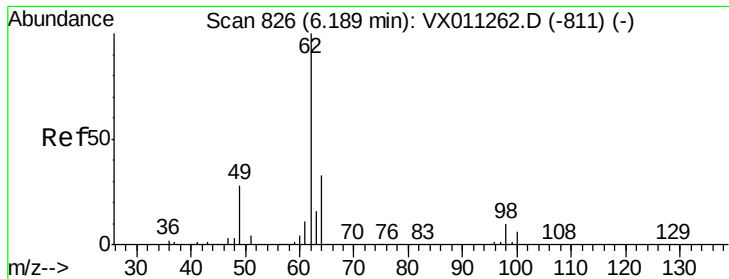
41 100

39 26.8 43.0 64.6#

67 0.0 65.1 97.7#

52 0.0 24.8 37.2#

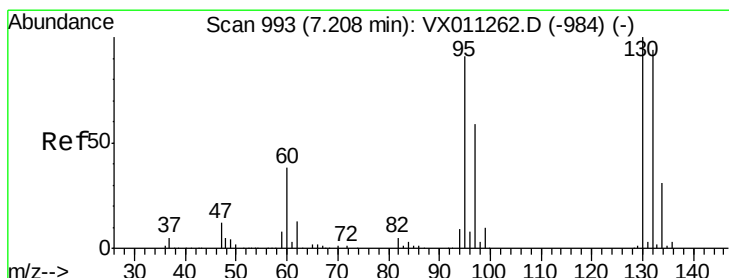
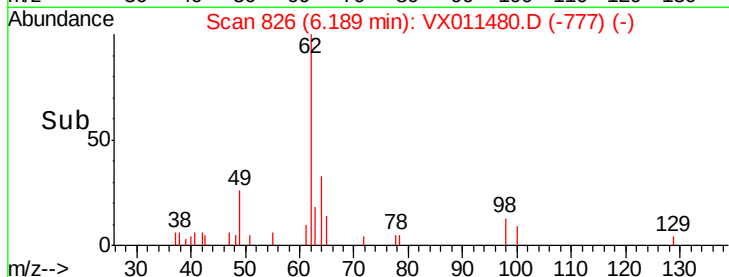
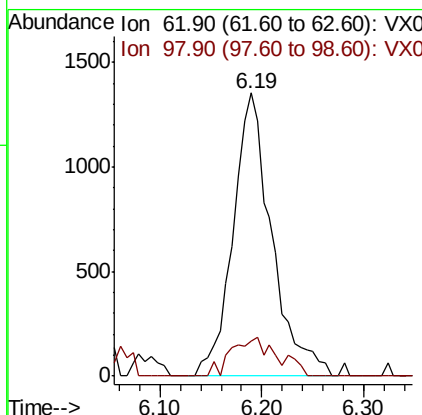
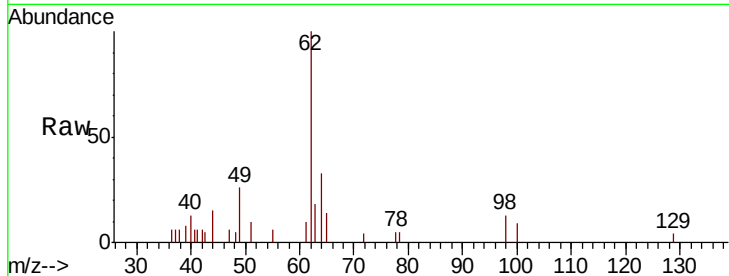




#42
 1,2-Dichloroethane
 Concen: 1.399 ug/l
 RT: 6.19 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

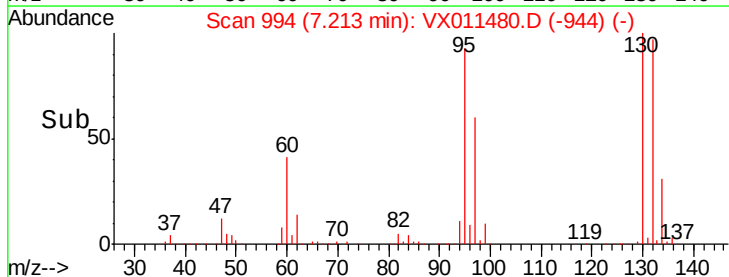
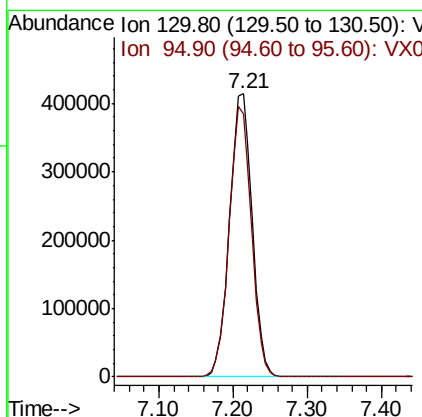
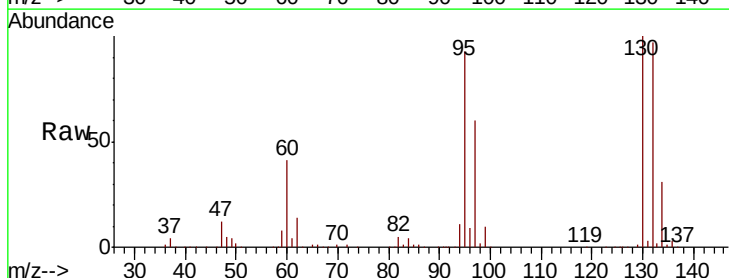
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20B_080819

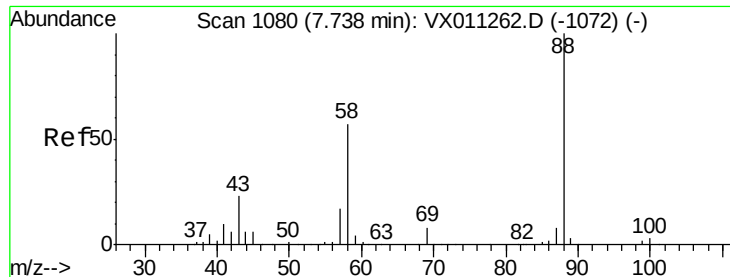
Tgt Ion: 62 Resp: 3565
 Ion Ratio Lower Upper
 62 100
 98 13.9 0.0 20.6



#44
 Trichloroethene
 Concen: 387.015 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

Tgt Ion: 130 Resp: 882485
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 182.6

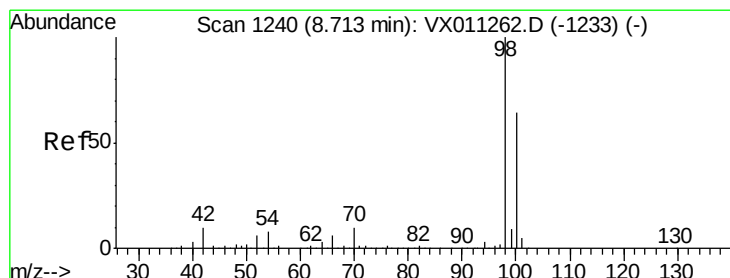
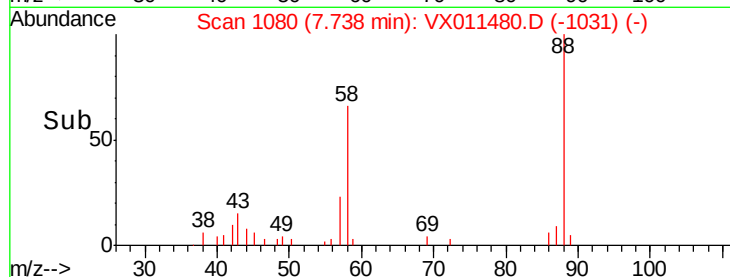
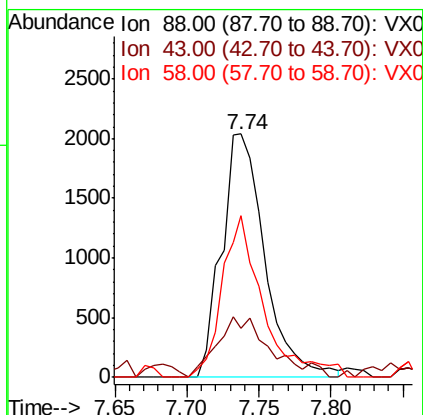
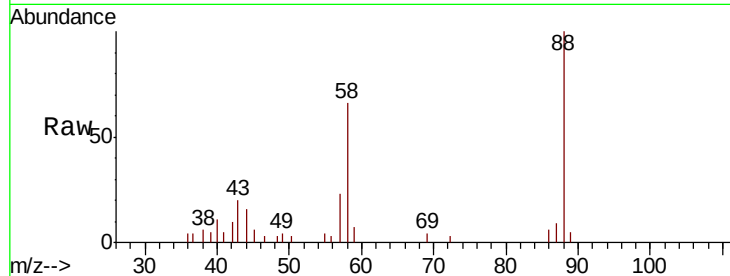




#49
 1,4-Dioxane
 Concen: 77.377 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

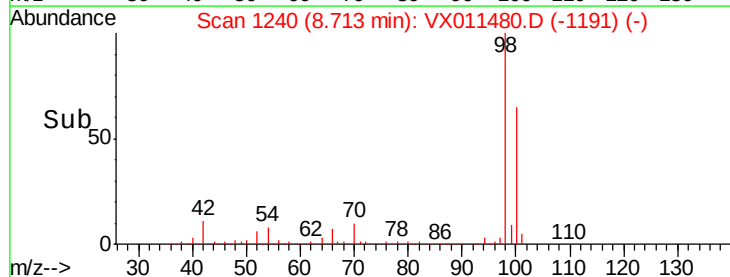
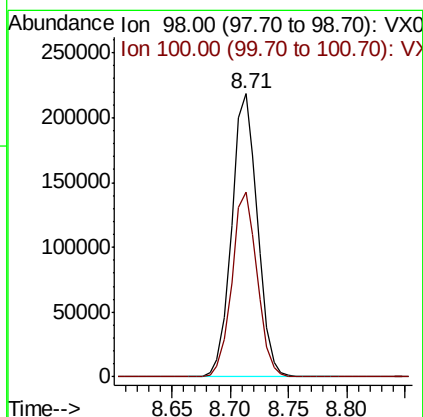
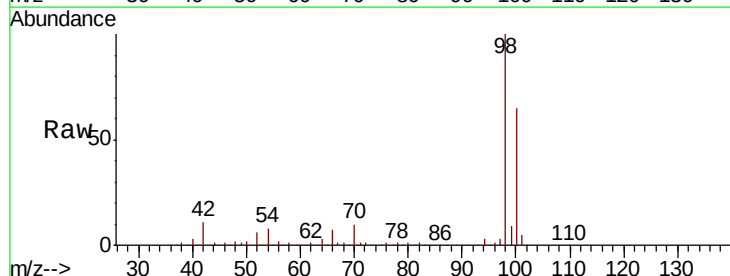
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20B_080819

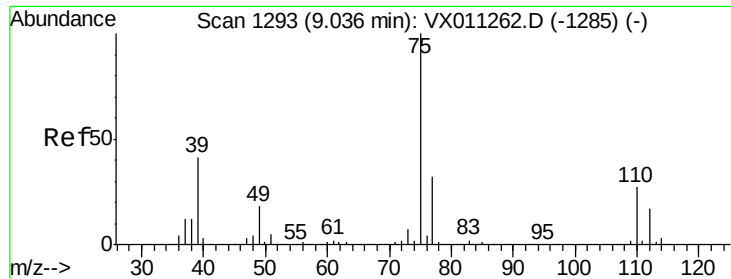
Tgt Ion: 88 Resp: 4274
 Ion Ratio Lower Upper
 88 100
 43 31.0 22.2 33.2
 58 63.5 47.8 71.8



#50
 Toluene-d8
 Concen: 47.159 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

Tgt Ion: 98 Resp: 336040
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5

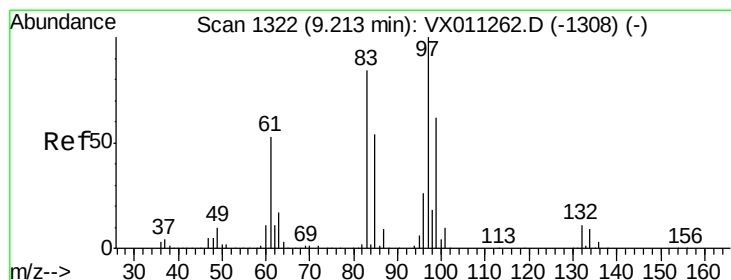
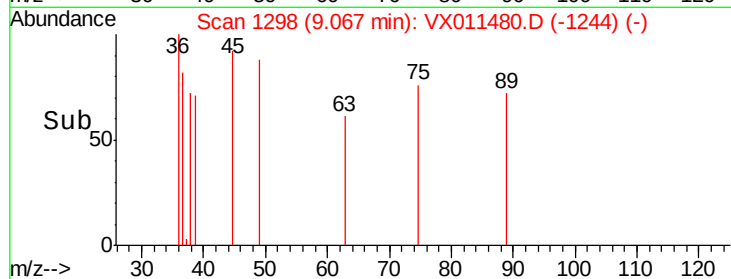
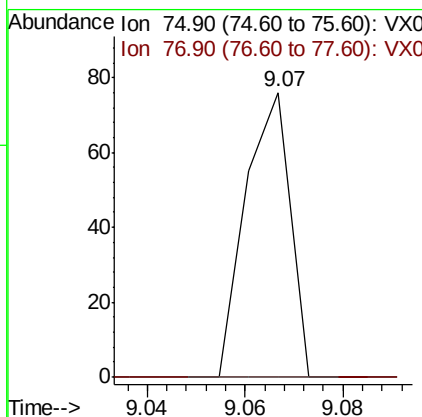
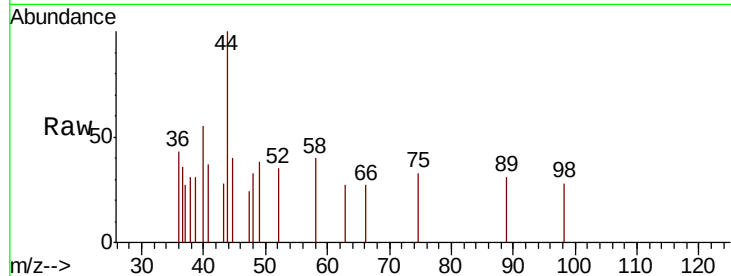




#53
t-1,3-Dichloropropene
Concen: 2.855 ug/l
RT: 9.07 min Scan# 1298
Delta R.T. 0.03 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

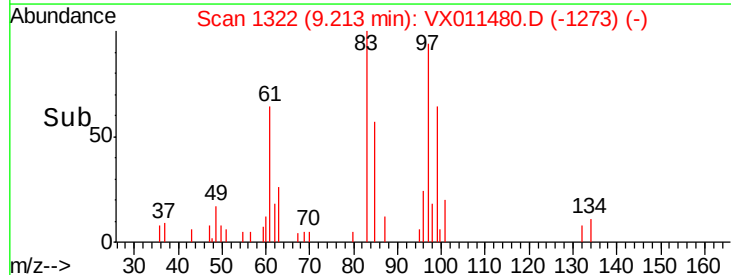
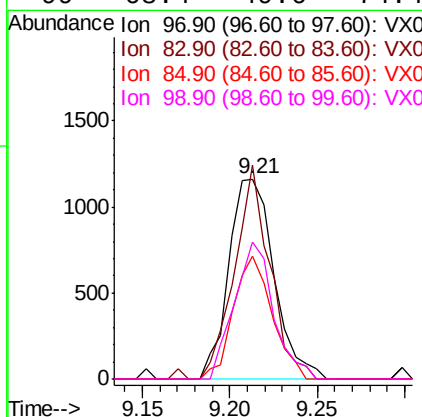
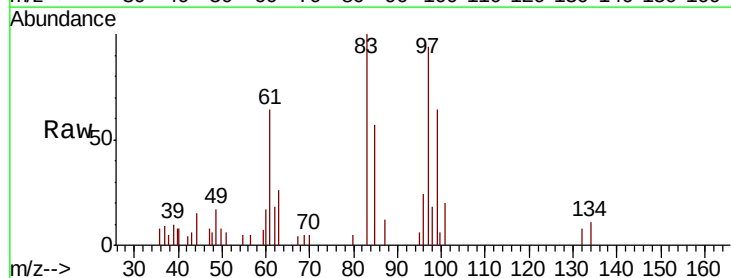
Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819

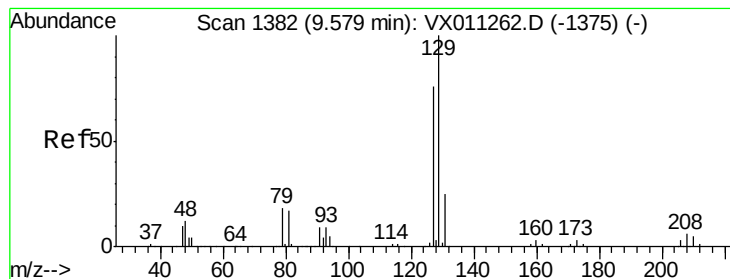
Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 1.021 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Tgt Ion: 97 Resp: 2091
Ion Ratio Lower Upper
97 100
83 106.9 67.6 101.4#
85 61.4 43.4 65.0
99 68.4 49.6 74.4





#60

Dibromochloromethane

Concen: 11.406 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

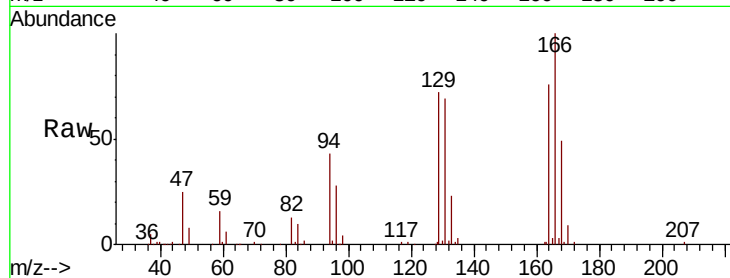
MW-20B_080819

Tgt Ion:129 Resp: 23914

Ion Ratio Lower Upper

129 100

127 0.2 39.2 117.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

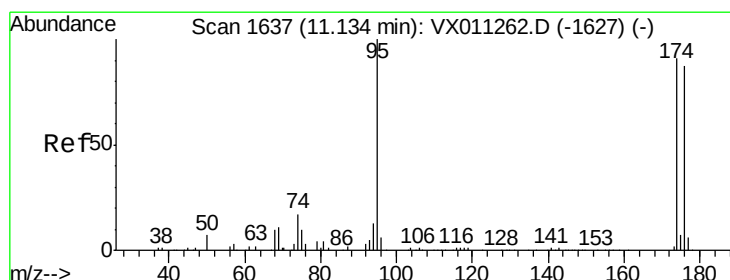
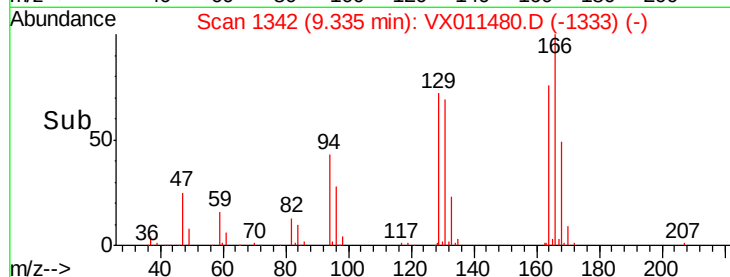
15000

10000

5000

0

Time--> 9.25 9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 42.633 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

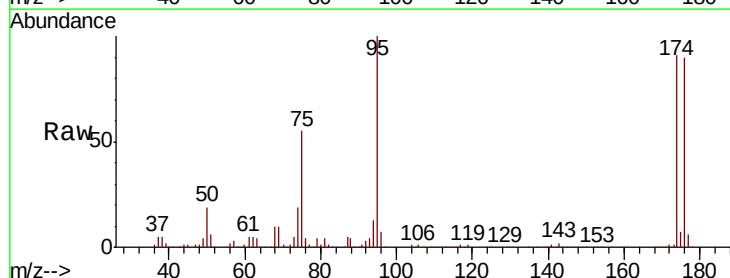
Tgt Ion: 95 Resp: 108461

Ion Ratio Lower Upper

95 100

174 92.0 0.0 191.2

176 89.7 0.0 184.8



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

120000

100000

80000

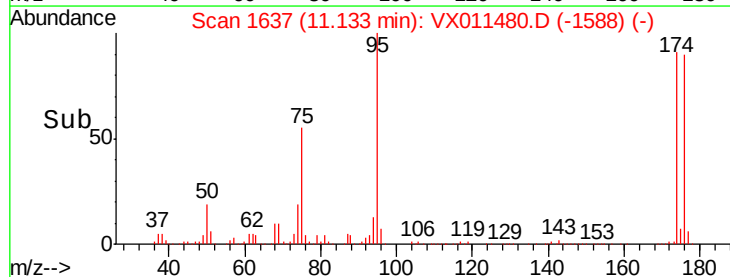
60000

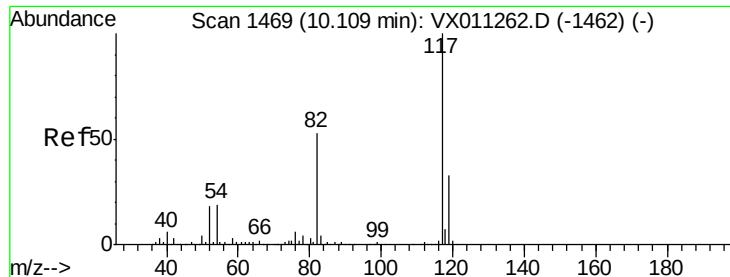
40000

20000

0

Time--> 11.05 11.10 11.15 11.20

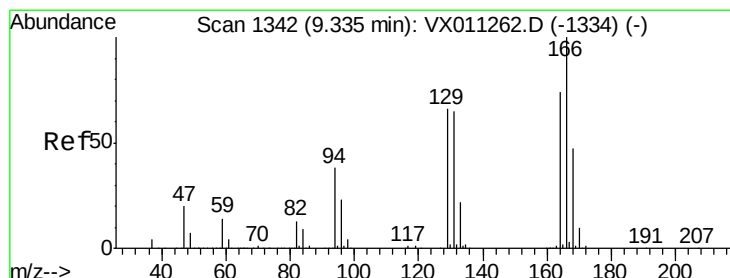
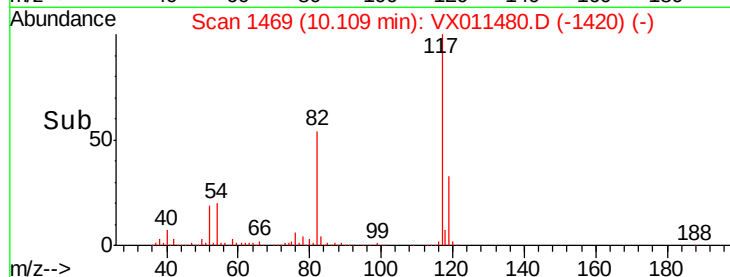
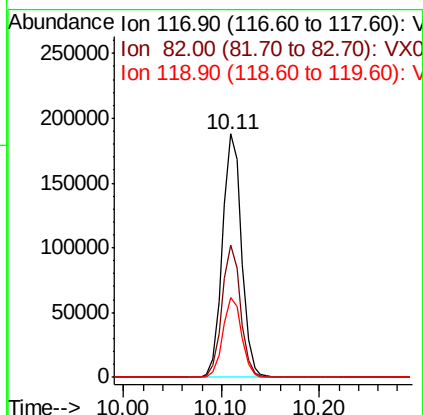
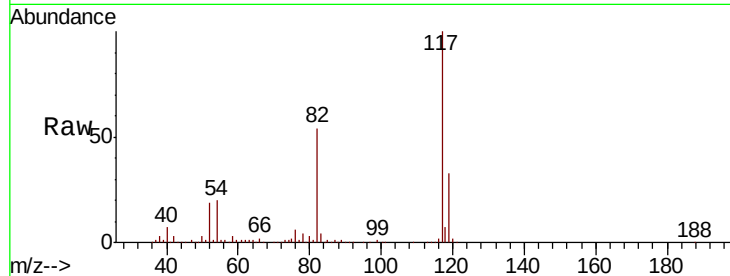




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

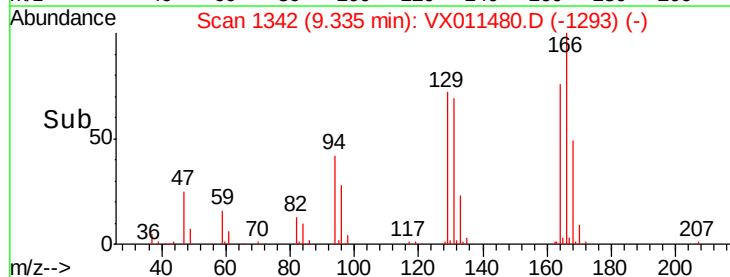
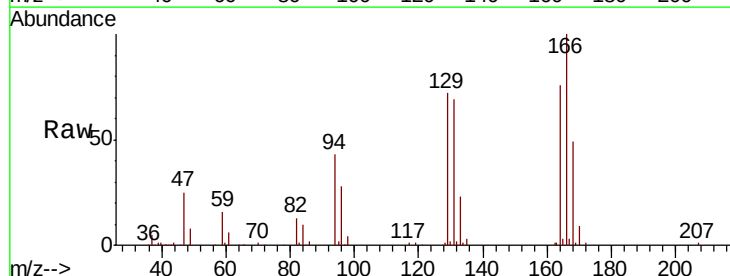
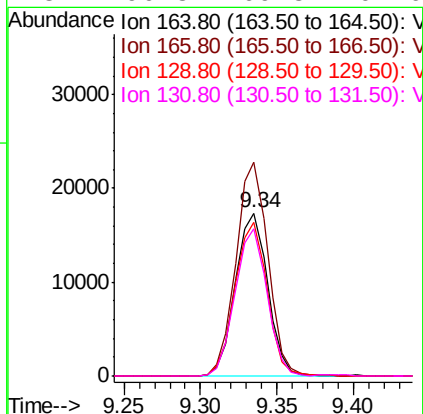
Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819

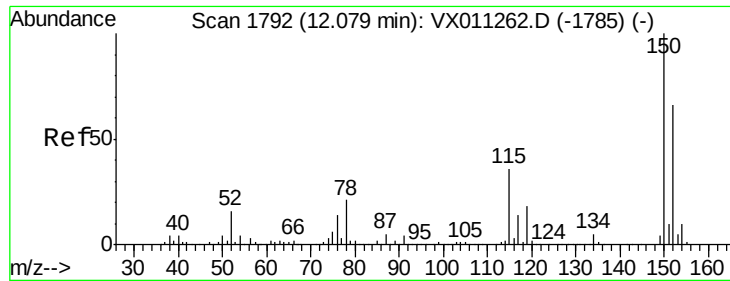
Tgt Ion:117 Resp: 254467
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.2
119 33.0 26.6 39.8



#64
Tetrachloroethene
Concen: 11.824 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Tgt Ion:164 Resp: 25552
Ion Ratio Lower Upper
164 100
166 131.3 107.5 161.3
129 94.4 71.0 106.4
131 90.8 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011480.D

Acq: 12 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-20B_080819

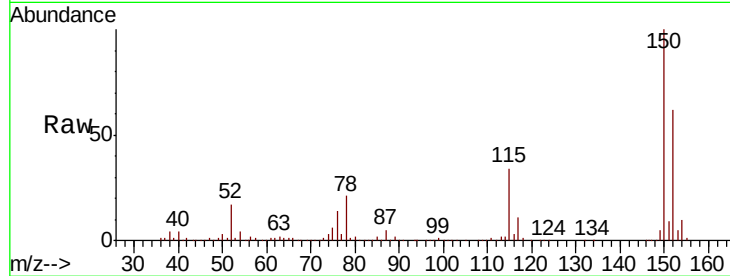
Tgt Ion:152 Resp: 115610

Ion Ratio Lower Upper

152 100

115 56.2 40.0 119.9

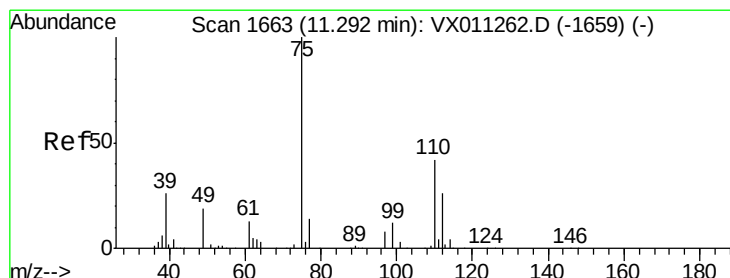
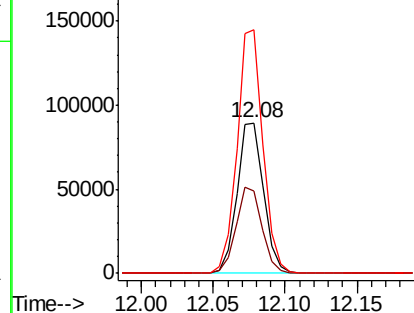
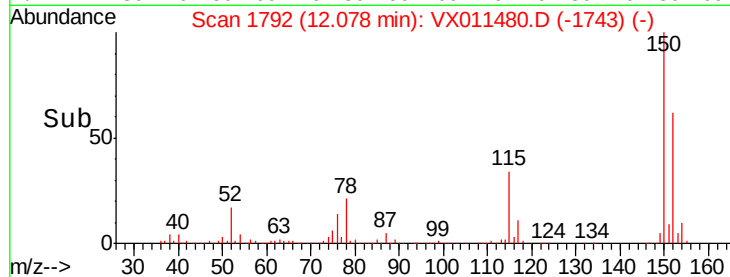
150 157.1 0.0 350.4



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: 27.335 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011480.D

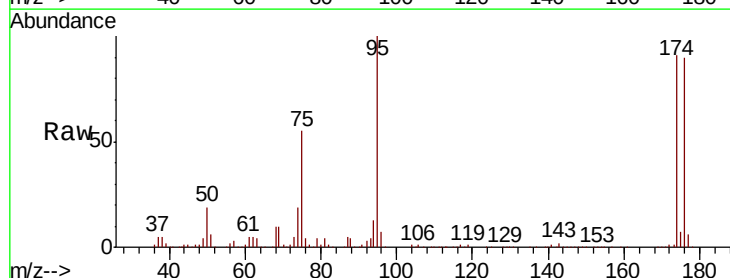
Acq: 12 Aug 2019 13:55

Tgt Ion: 75 Resp: 57552

Ion Ratio Lower Upper

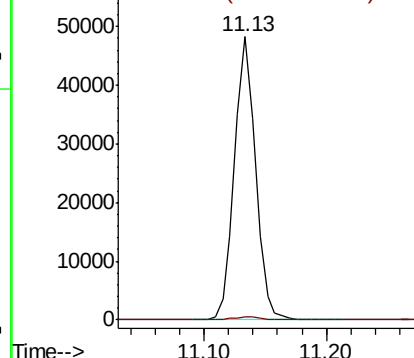
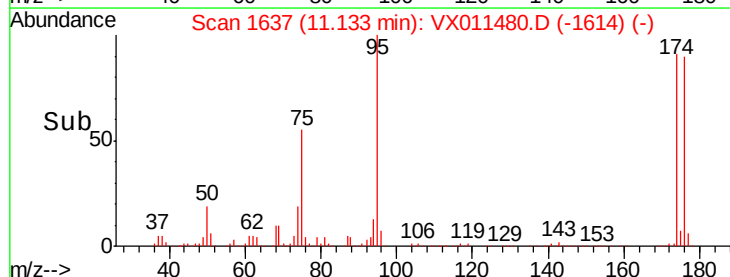
75 100

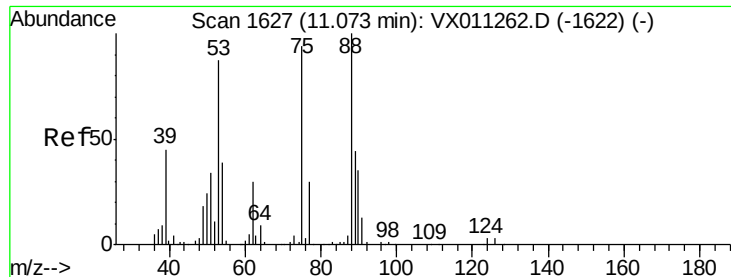
77 1.3 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

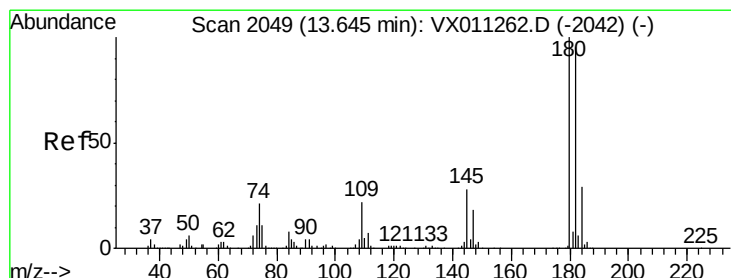
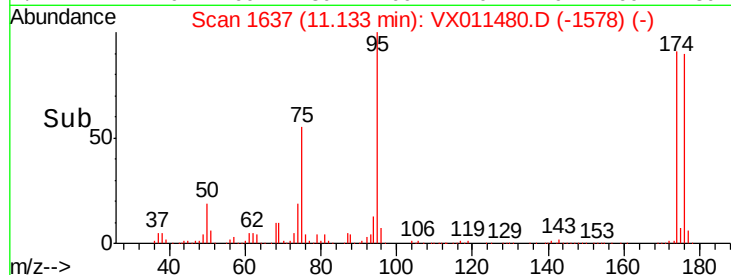
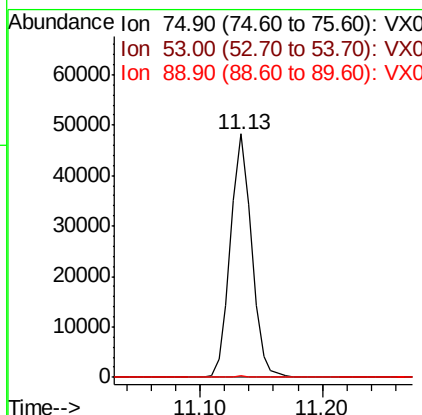
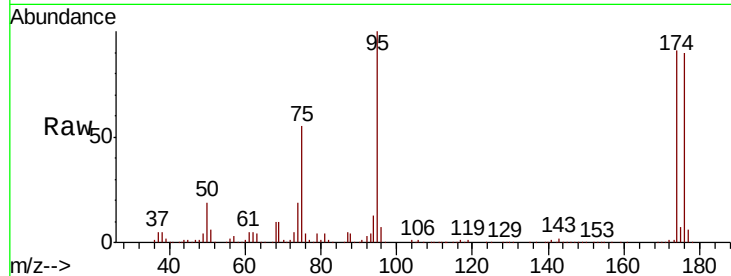




#81
trans-1,4-Dichloro-2-butene
Concen: 70.911 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

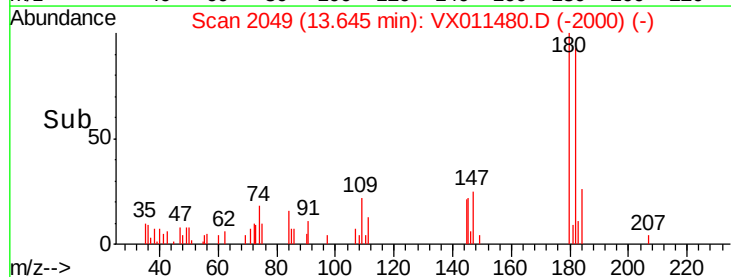
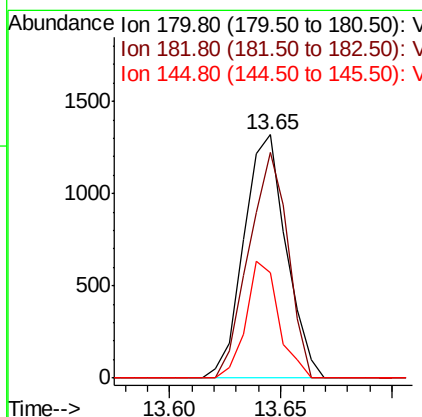
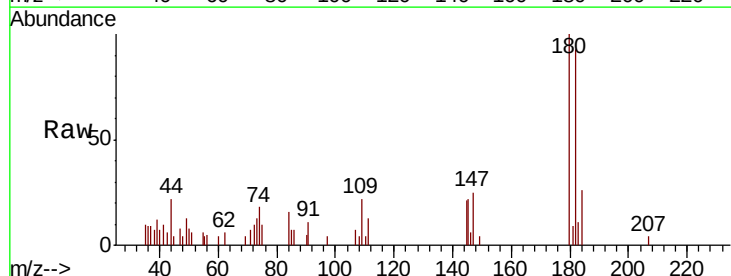
Instrument :
MSVOA_X
ClientSampleId :
MW-20B_080819

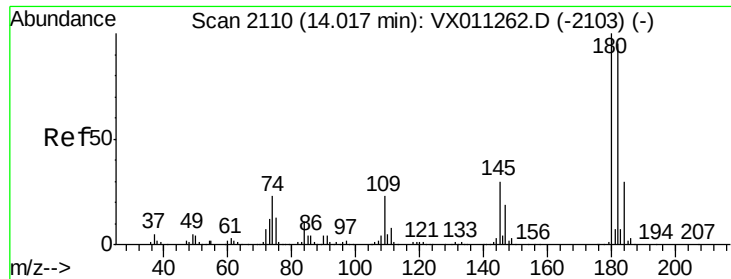
Tgt Ion: 75 Resp: 57552
Ion Ratio Lower Upper
75 100
53 0.2 78.2 117.4#
89 0.3 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.679 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX011480.D
Acq: 12 Aug 2019 13:55

Tgt Ion: 180 Resp: 1754
Ion Ratio Lower Upper
180 100
182 85.2 47.8 143.4
145 37.1 14.8 44.3

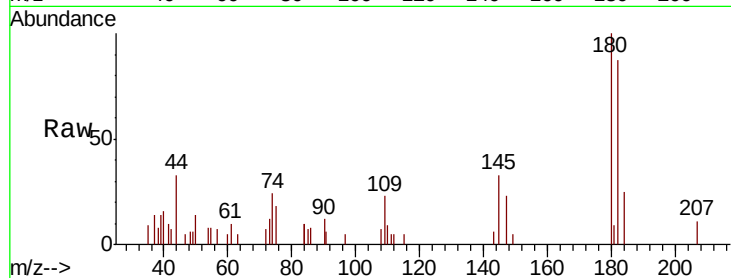




#96
 1,2,3-Trichlorobenzene
 Concen: 0.466 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX011480.D
 Acq: 12 Aug 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20B_080819

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.4	142.3
145	41.8	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

