

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007821.D
 Acq On : 04 Mar 2019 19:55
 Operator : JC/SP
 Sample : K1718-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Mar 04 22:04:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	338684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	478894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183554	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
35) Dibromofluoromethane	5.51	113	170437	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	620708	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.13	95	231916	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	2040	0.590	ug/l	94
4) Vinyl Chloride	1.41	62	2365118	666.781	ug/l	98
5) Bromomethane	1.65	94	417	Below Cal	#	76
11) Tert butyl alcohol	3.06	59	7049	8.856	ug/l	99
12) 1,1-Dichloroethene	2.39	96	18843	6.360	ug/l	90
13) Acrolein	2.30	56	301	0.426	ug/l	# 65
14) Allyl chloride	2.71	41	1952	0.356	ug/l	# 50
15) Acrylonitrile	3.15	53	695	0.371	ug/l	# 71
16) Acetone	2.45	43	248477	133.188	ug/l	98
17) Carbon Disulfide	2.58	76	1838	0.223	ug/l	# 93
18) Methyl Acetate	2.78	43	952	0.234	ug/l	# 84
20) Methylene Chloride	2.86	84	768	0.223	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	76000	23.598	ug/l	94
25) 2-Butanone	4.71	43	52882	18.608	ug/l	96
27) cis-1,2-Dichloroethene	4.62	96	22991420	5610.339	ug/l	91
29) Tetrahydrofuran	5.17	42	825	0.440	ug/l	# 50
36) 1,1-Dichloropropene	5.67	75	20626	4.403	ug/l	# 47
37) Ethyl Acetate	4.71	43	52882	10.163	ug/l	# 68
38) Carbon Tetrachloride	5.67	117	28462	6.049	ug/l	# 17
39) Methylcyclohexane	7.22	83	65709	11.099	ug/l	# 1
40) Benzene	6.15	78	5798	0.401	ug/l	94
41) Methacrylonitrile	5.18	41	2287	0.823	ug/l	# 41
44) Trichloroethene	7.22	130	5854943	1471.952	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	4587	0.856	ug/l	93
52) Toluene	8.79	92	7172	0.787	ug/l	98
53) t-1,3-Dichloropropene	9.05	75	106	2.820	ug/l	# 43
55) 1,1,2-Trichloroethane	9.37	97	234552	61.688	ug/l	# 1
59) 2-Hexanone	9.50	43	5830	1.385	ug/l	99
60) Dibromochloromethane	9.38	129	25997178	7105.686	ug/l	# 12
64) Tetrachloroethene	9.38	164	27028245	6952.179	ug/l	89
65) Chlorobenzene	10.14	112	3100	0.299	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	2219	0.614	ug/l	# 58
68) m/p-Xylenes	10.36	106	2195	0.329	ug/l	92
69) o-Xylene	10.70	106	4055	0.632	ug/l	100

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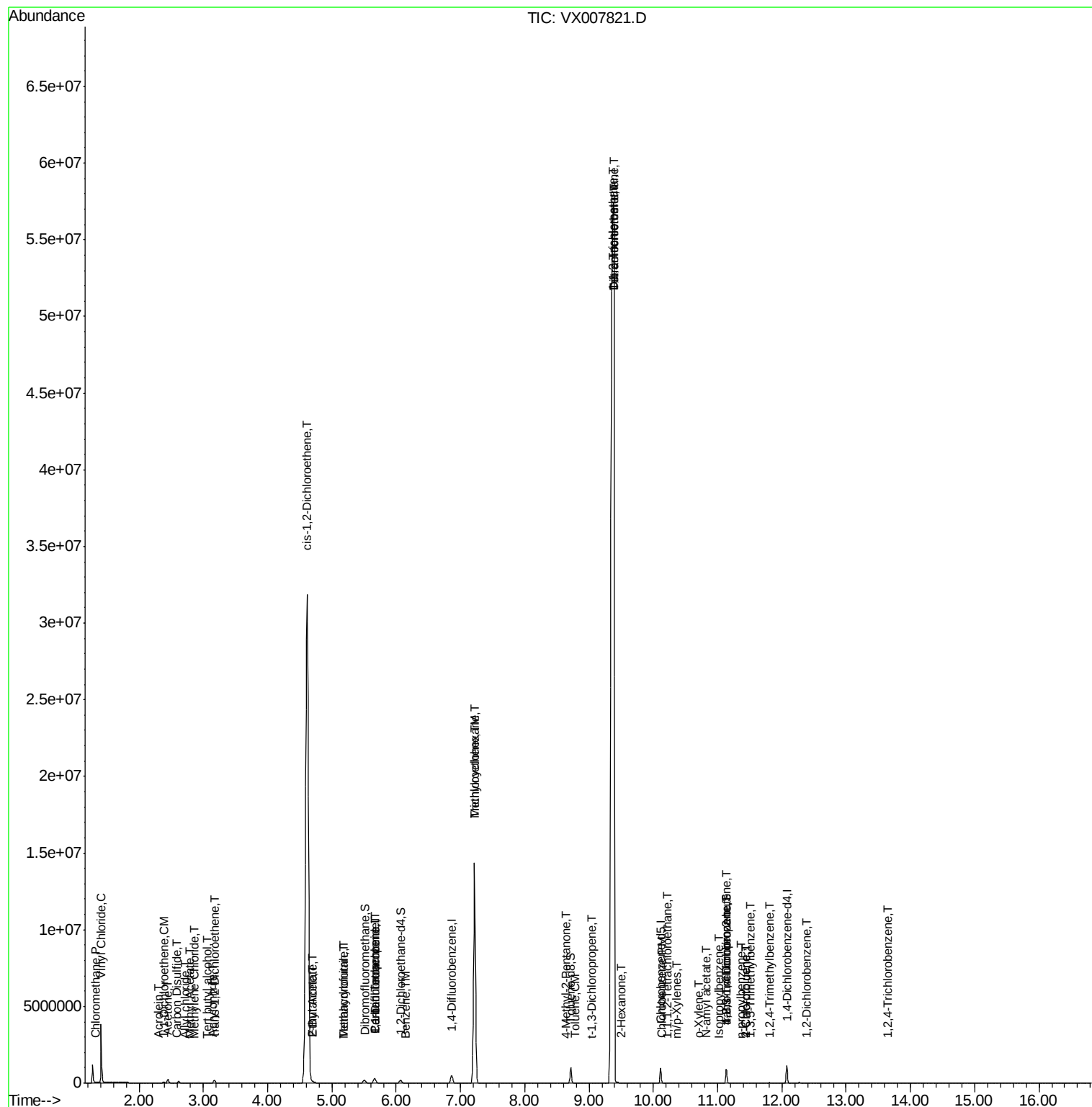
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	11.02	105	6699	0.373	ug/l	99
74) N-amyl acetate	10.82	43	12802	1.643	ug/l #	48
76) 1,2,3-Trichloropropane	11.13	75	106661	19.935	ug/l #	32
78) n-propylbenzene	11.36	91	7323	0.361	ug/l	98
79) 2-Chlorotoluene	11.43	91	4614	0.378	ug/l #	65
80) 1,3,5-Trimethylbenzene	11.51	105	7369	0.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	106661	53.215	ug/l #	9
82) 4-Chlorotoluene	11.43	91	4614	0.323	ug/l	71
84) 1,2,4-Trimethylbenzene	11.80	105	20485	1.357	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	4876	0.584	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	5703	1.119	ug/l	99

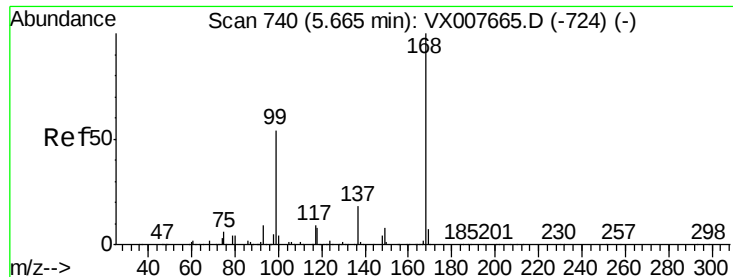
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

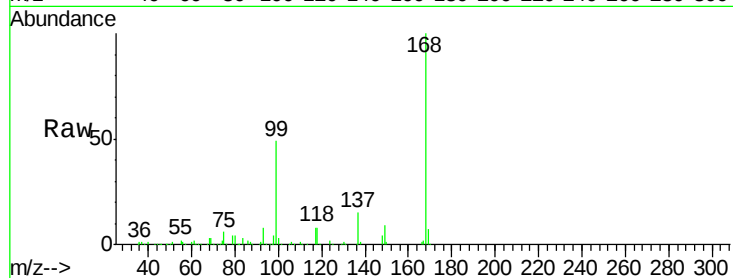
MW-13

Tot Ion:168 Resp: 338684

Ion Ratio Lower Upper

168 100

99 49.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

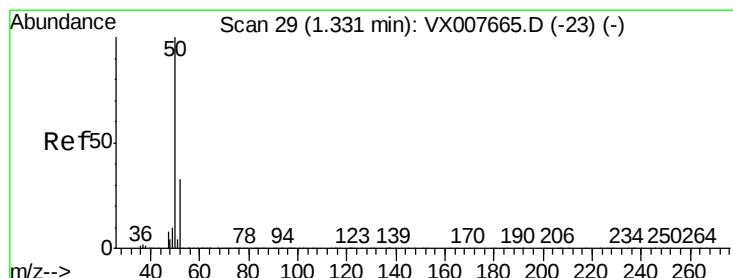
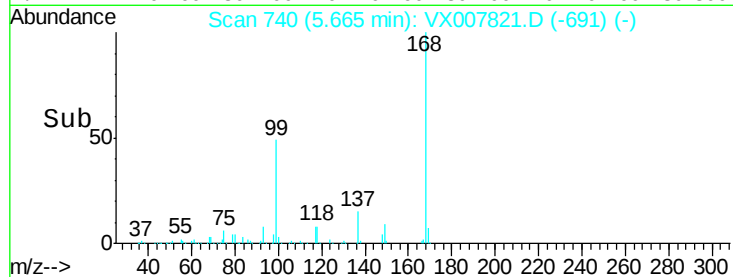
5.67

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.590 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007821.D

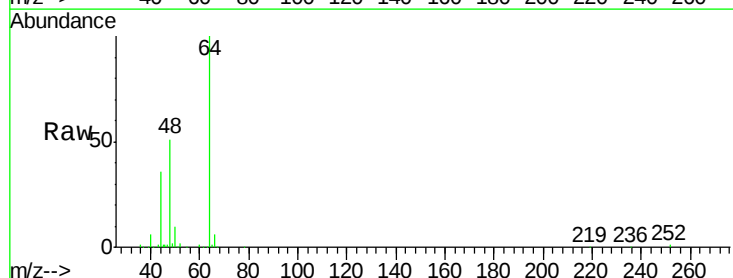
Acq: 04 Mar 2019 19:55

Tgt Ion: 50 Resp: 2040

Ion Ratio Lower Upper

50 100

52 29.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

6000

5000

4000

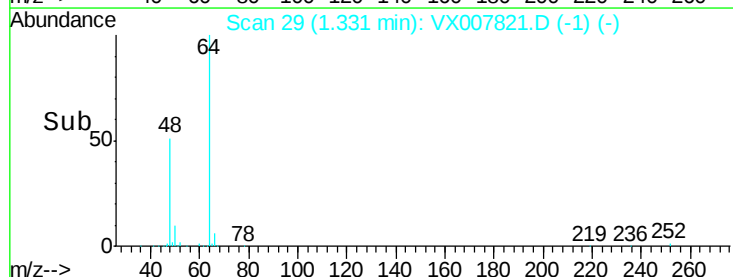
3000

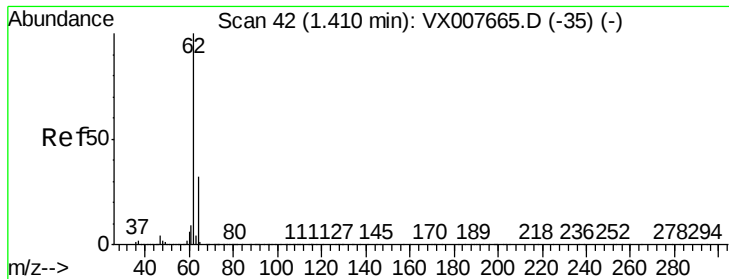
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 666.781 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

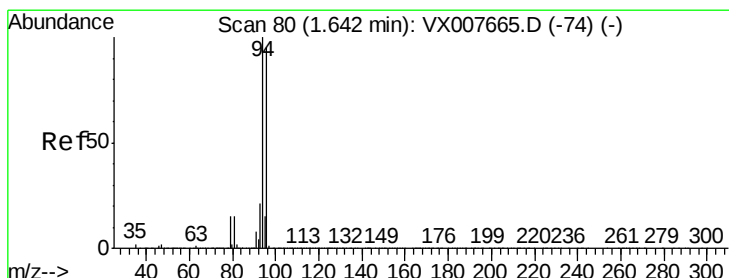
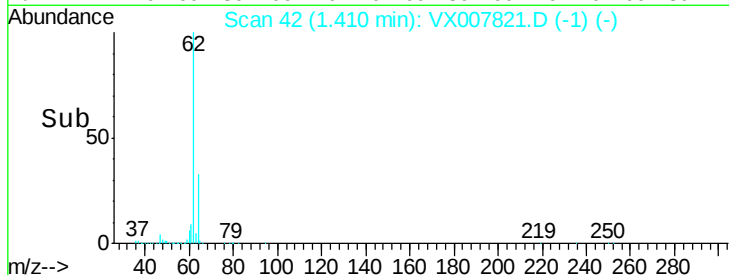
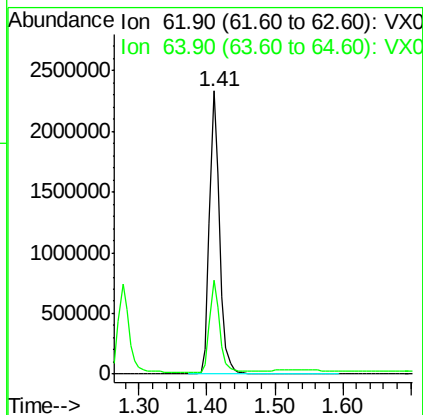
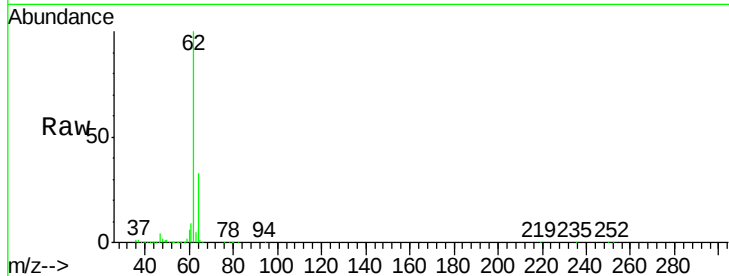
MW-13

Tot Ion: 62 Resp: 2365118

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007821.D

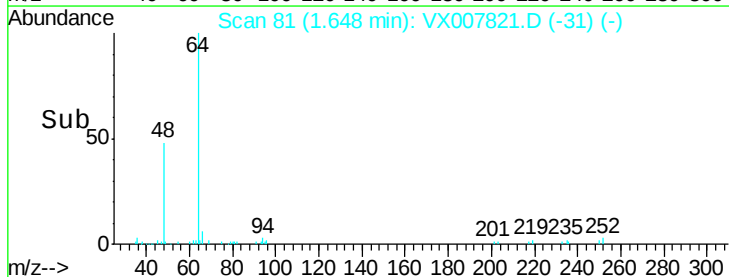
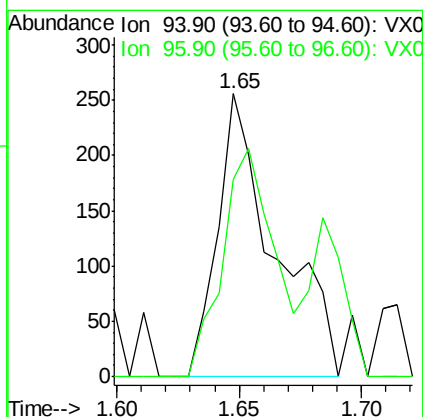
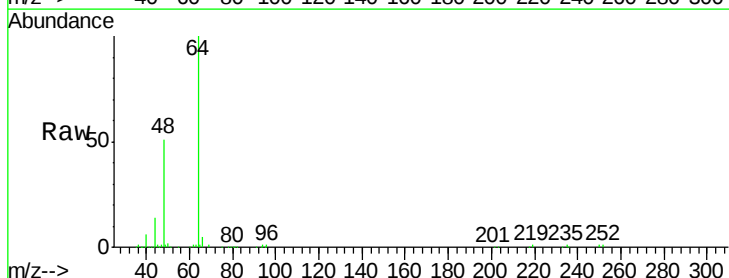
Acq: 04 Mar 2019 19:55

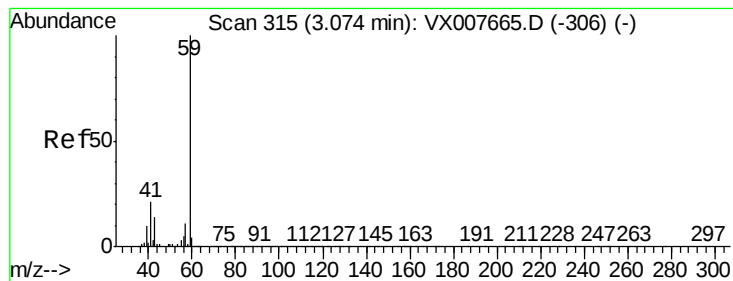
Tgt Ion: 94 Resp: 417

Ion Ratio Lower Upper

94 100

96 69.5 73.9 110.9#



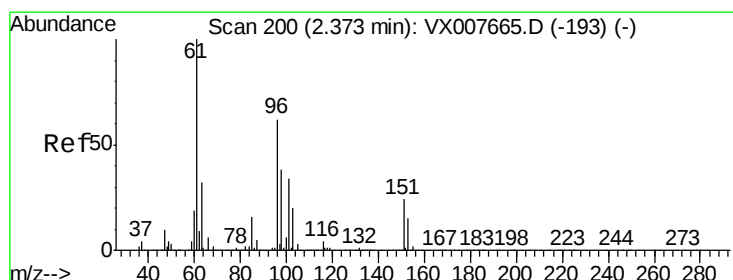
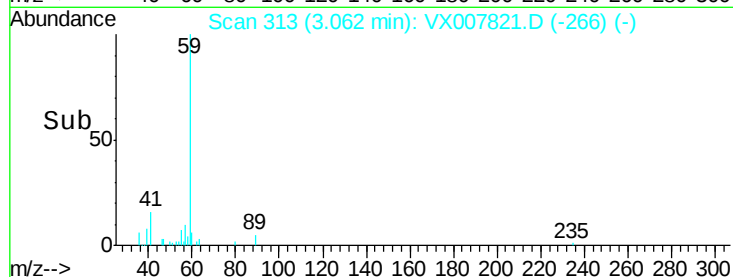
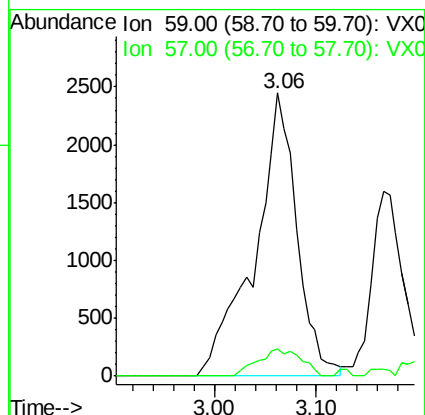
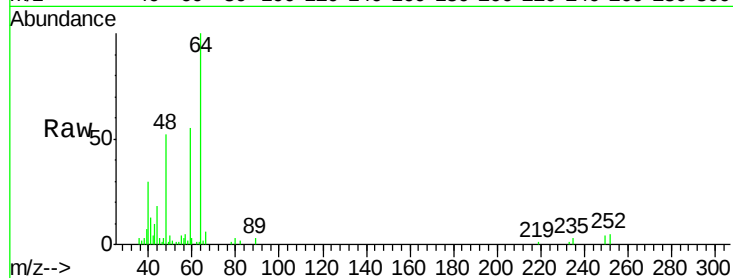


#11

Tert butyl alcohol
 Concen: 8.856 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007821.D
 Acq: 04 Mar 2019 19:55

Instrument :
 MSVOA_X
 ClientSampled :
 MW-13

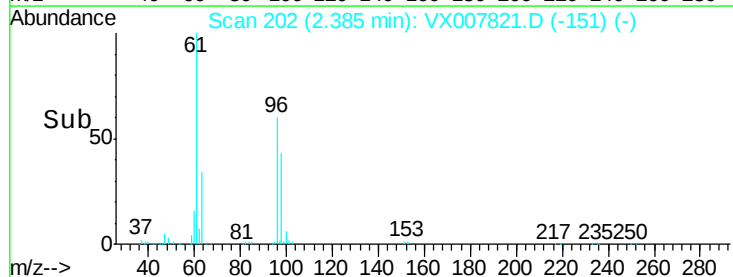
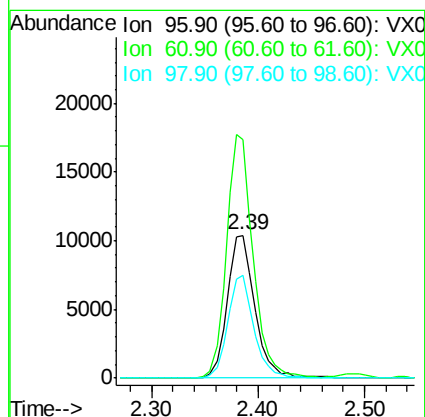
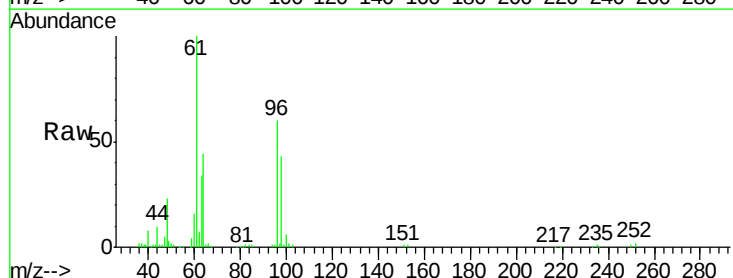
Tot Ion: 59 Resp: 7049
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.1 12.1

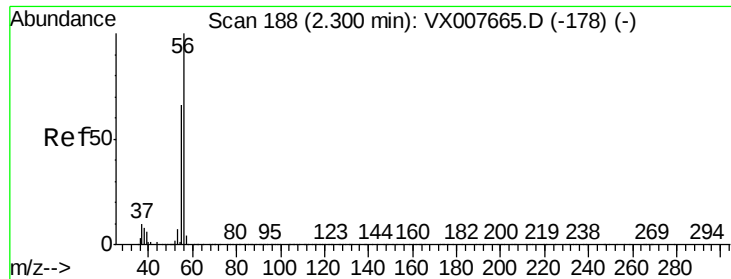


#12

1,1-Dichloroethene
 Concen: 6.360 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: VX007821.D
 Acq: 04 Mar 2019 19:55

Tgt Ion: 96 Resp: 18843
 Ion Ratio Lower Upper
 96 100
 61 167.1 123.0 184.4
 98 71.6 50.9 76.3





#13

Acrolein

Concen: 0.426 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

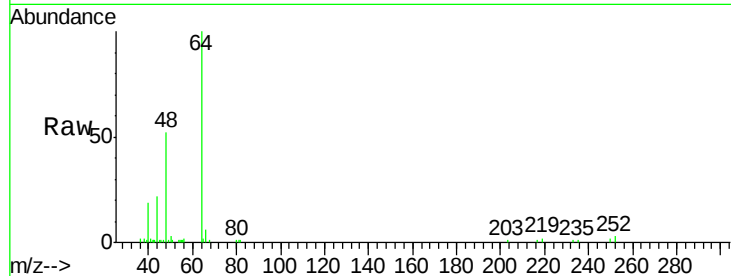
MW-13

Tot Ion: 56 Resp: 301

Ion Ratio Lower Upper

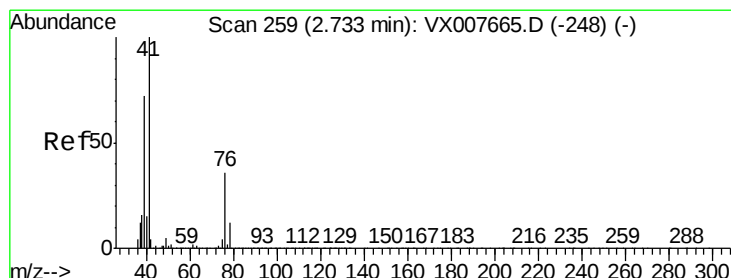
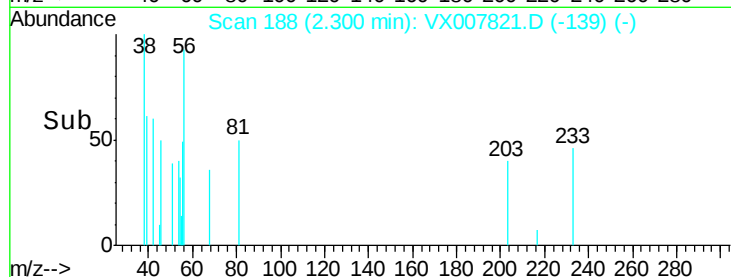
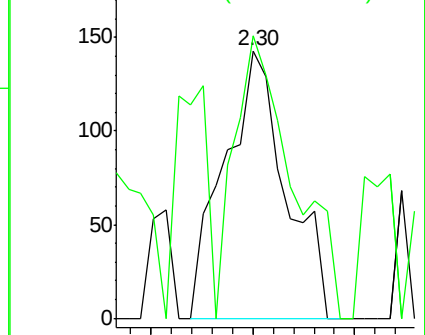
56 100

55 99.7 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.356 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.02 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

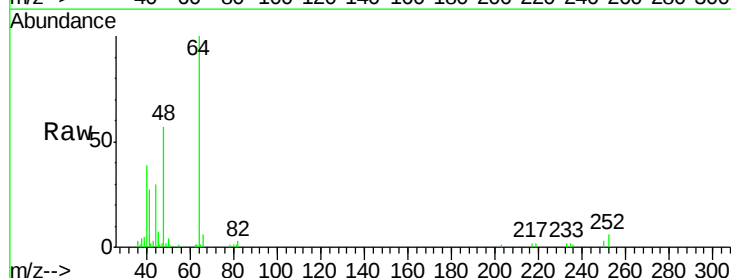
Tgt Ion: 41 Resp: 1952

Ion Ratio Lower Upper

41 100

39 31.3 54.1 81.1#

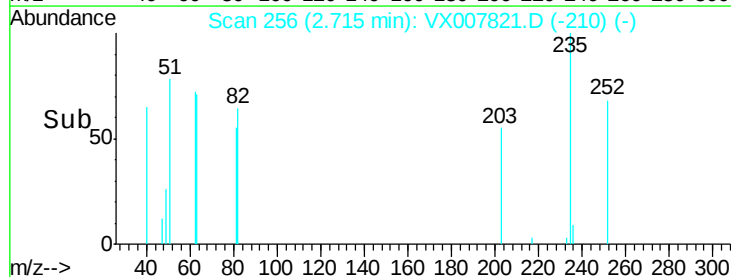
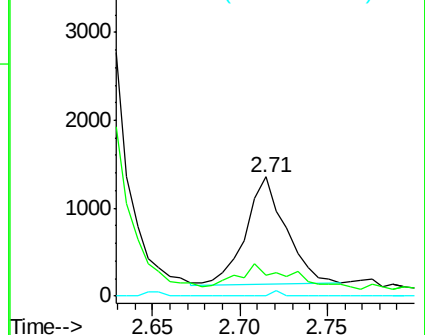
76 0.0 27.8 41.8#

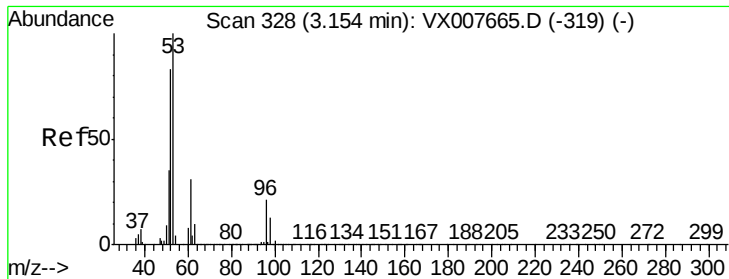


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.371 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007821.D

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Instrument :

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ClientSampled :

MW-13

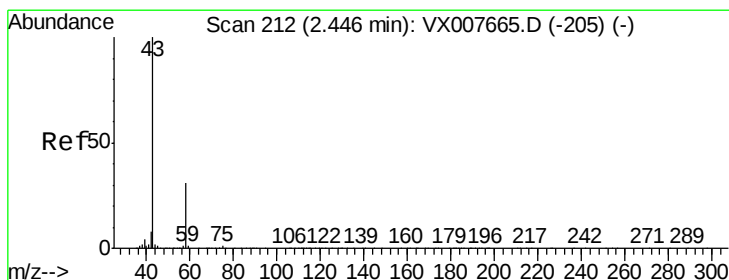
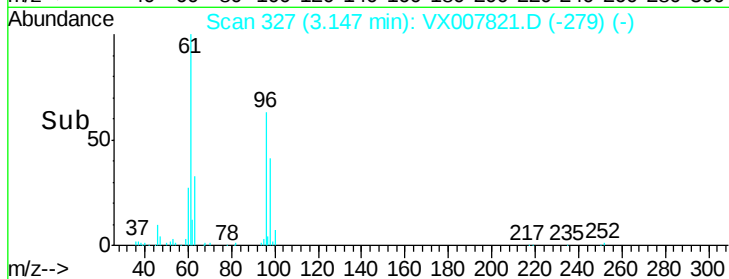
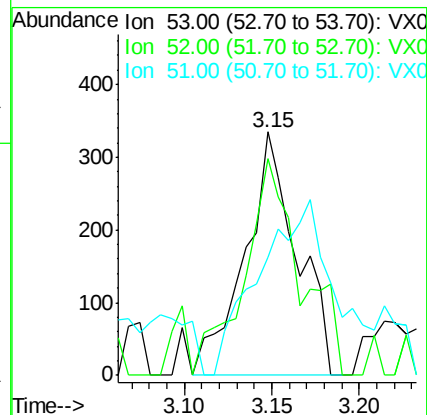
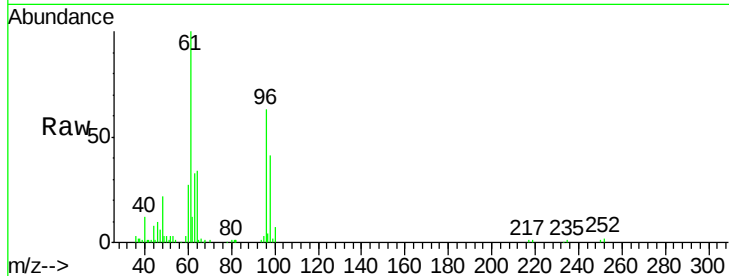
Tot Ion: 53 Resp: 695

Ion Ratio Lower Upper

53 100

52 96.7 66.4 99.6

51 0.0 28.4 42.6#



#16

Acetone

Concen: 133.188 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007821.D

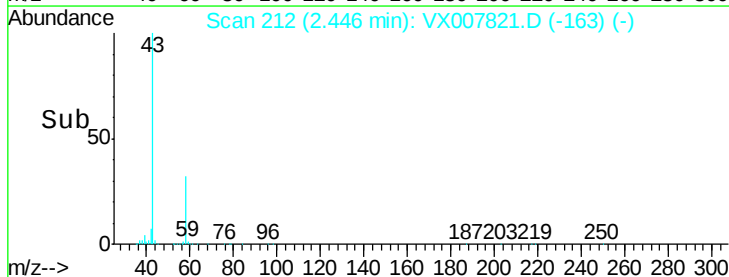
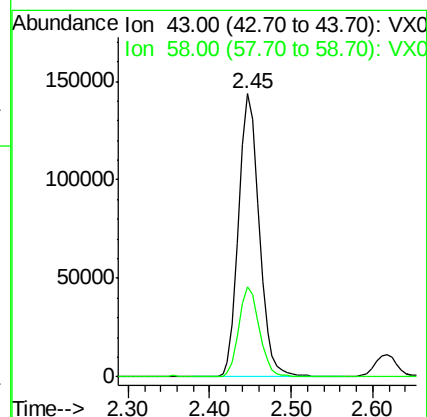
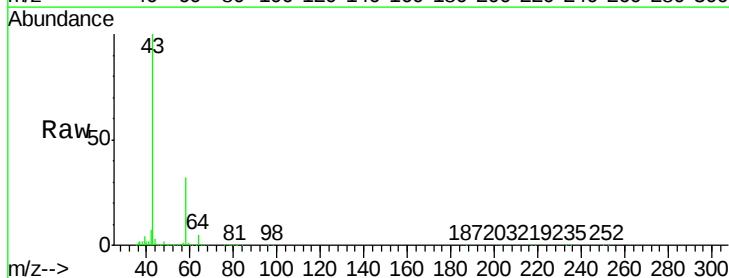
Acq: 04 Mar 2019 19:55

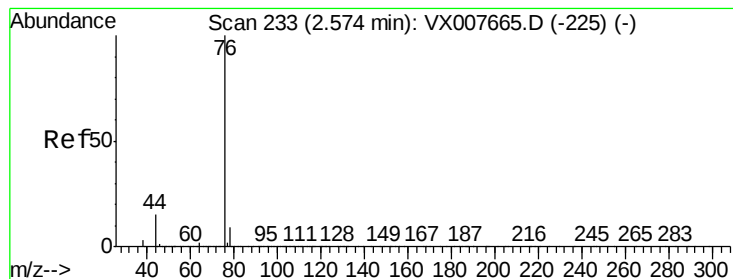
Tgt Ion: 43 Resp: 248477

Ion Ratio Lower Upper

43 100

58 32.0 24.9 37.3





#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

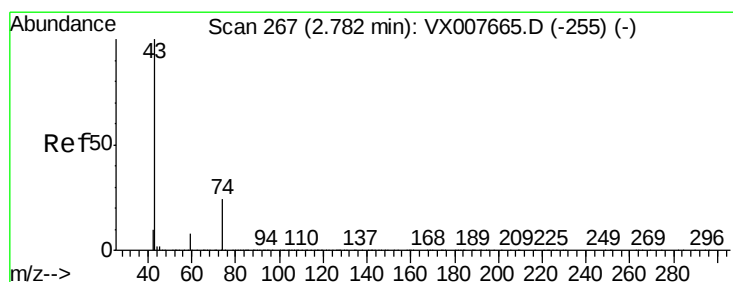
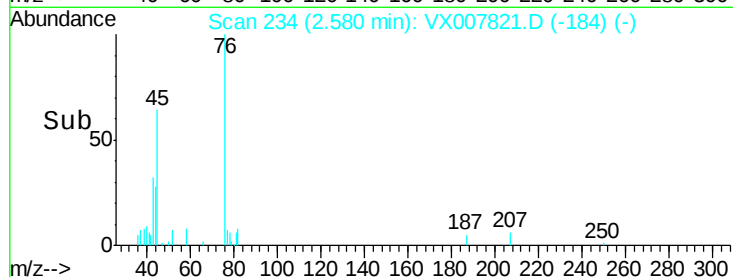
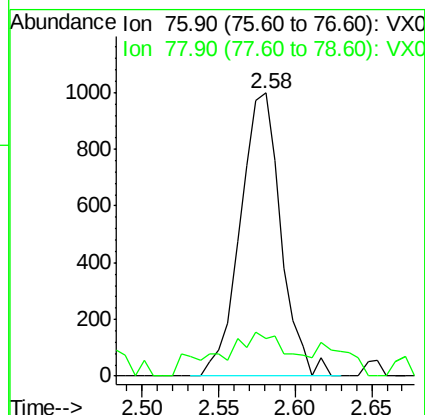
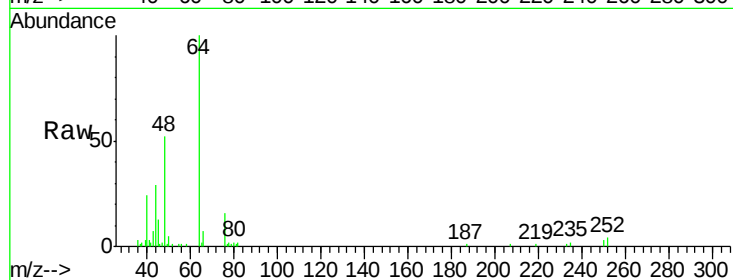
MW-13

Tot Ion: 76 Resp: 1838

Ion Ratio Lower Upper

76 100

78 6.5 7.1 10.7#



#18

Methyl Acetate

Concen: 0.234 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007821.D

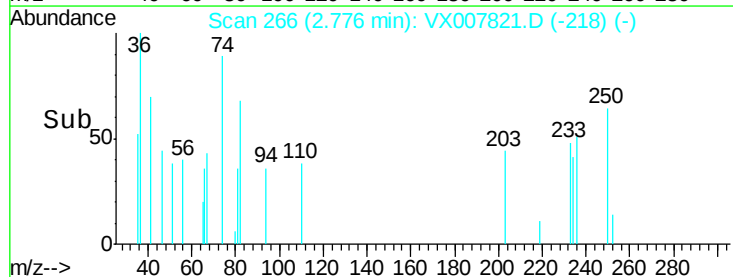
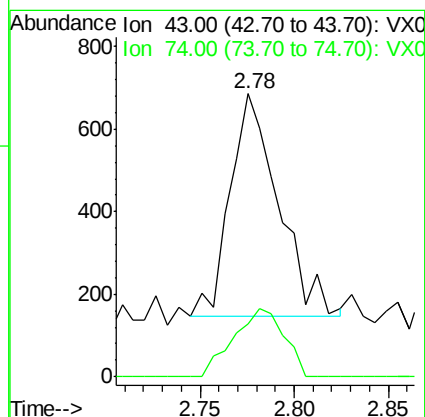
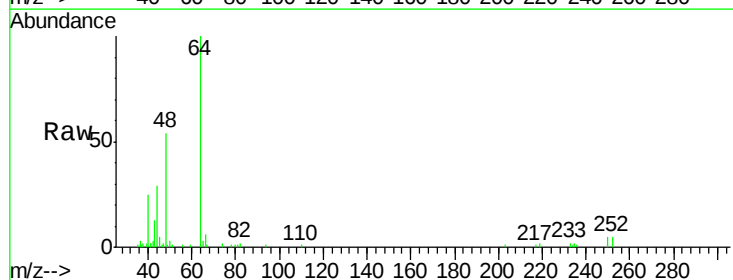
Acq: 04 Mar 2019 19:55

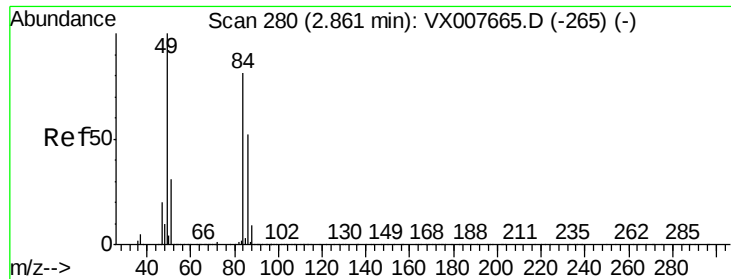
Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

43 100

74 32.2 19.4 29.2#

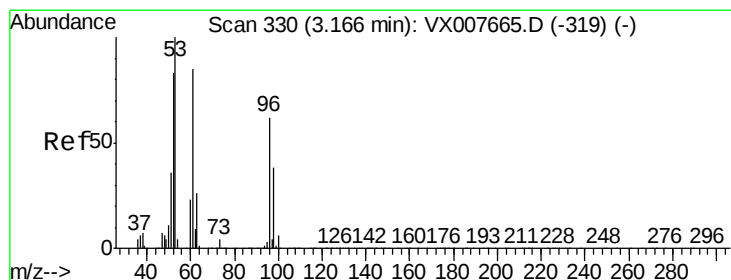
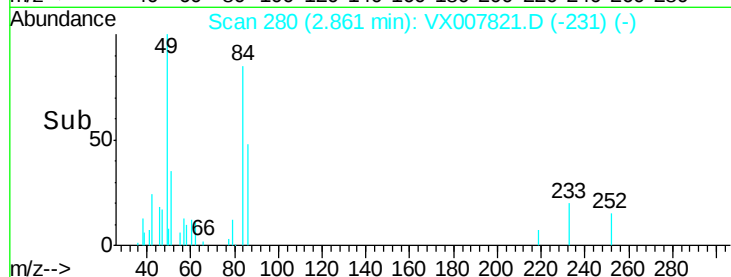
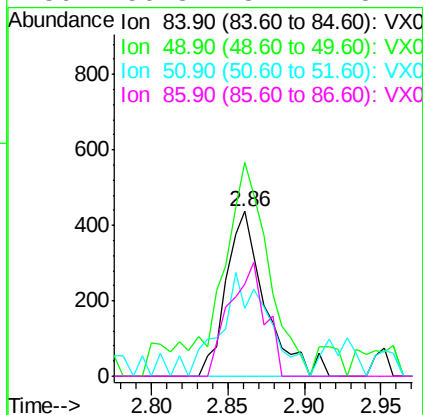
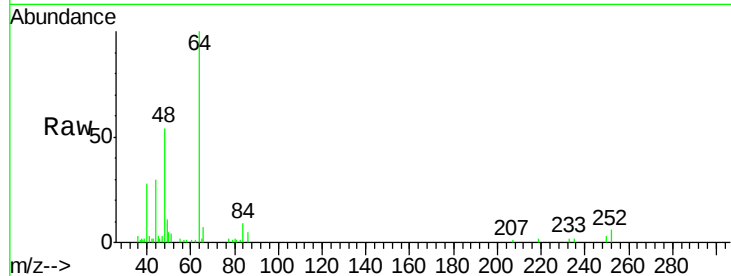




#20
Methvlene Chloride
Concen: 0.223 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

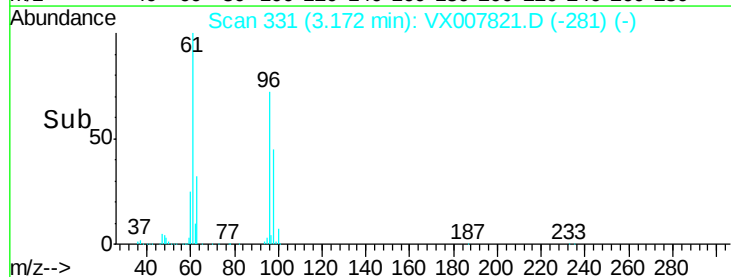
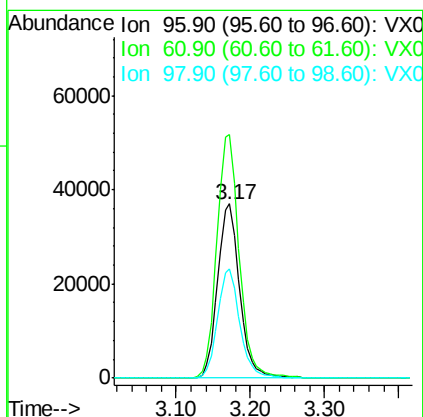
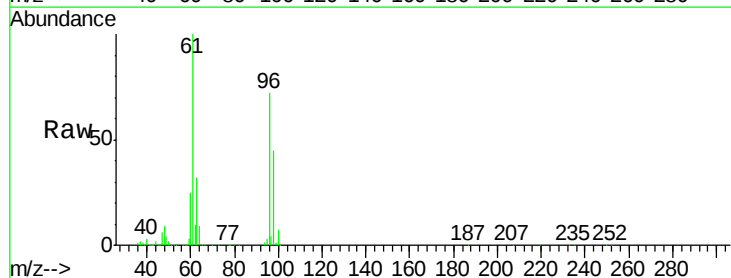
Instrument :
MSVOA_X
ClientSampleId :
MW-13

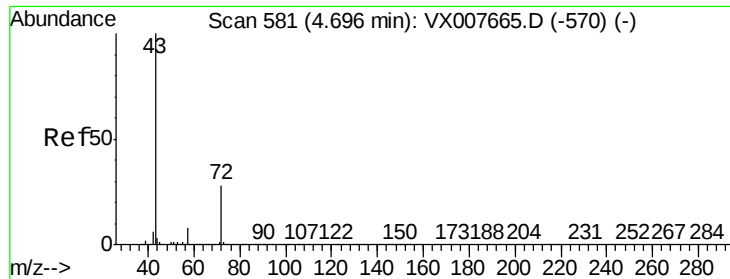
Tot Ion:	84	Resp:	768
Ion	Ratio	Lower	Upper
84	100		
49	113.7	94.8	142.2
51	41.4	29.8	44.8
86	56.3	54.1	81.1



#21
trans-1,2-Dichloroethene
Concen: 23.598 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

Tgt Ion:	96	Resp:	76000
Ion	Ratio	Lower	Upper
96	100		
61	139.7	104.6	156.8
98	62.6	51.0	76.4





#25

2-Butanone

Concen: 18.608 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

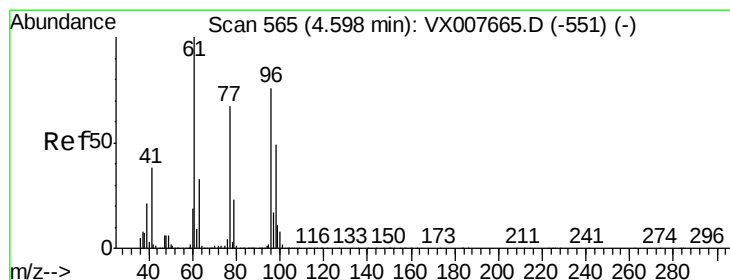
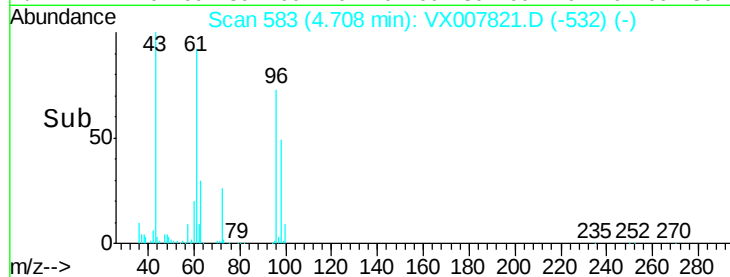
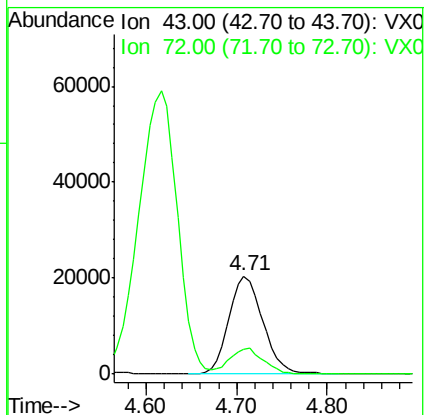
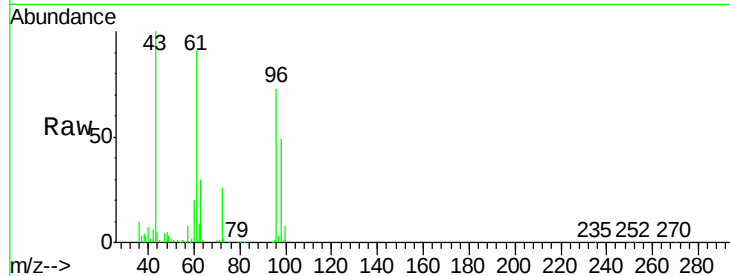
MW-13

Tot Ion: 43 Resp: 52882

Ion Ratio Lower Upper

43 100

72 25.8 22.2 33.2



#27

cis-1,2-Dichloroethene

Concen: 5610.339 ug/l

RT: 4.62 min Scan# 568

Delta R.T. 0.02 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

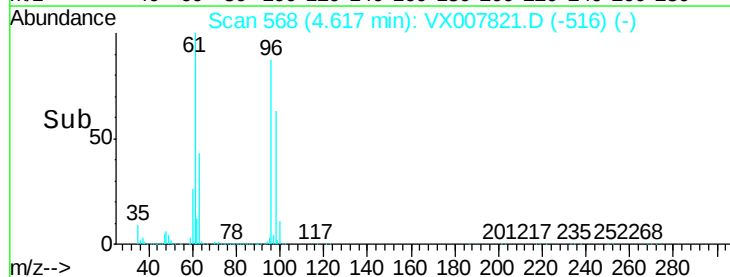
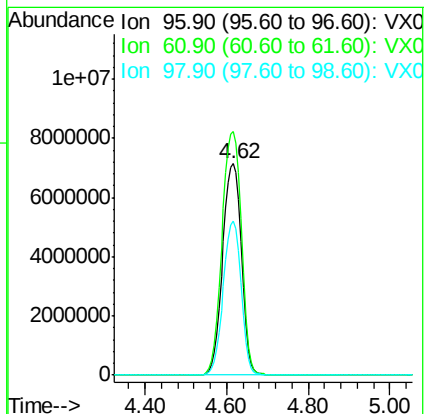
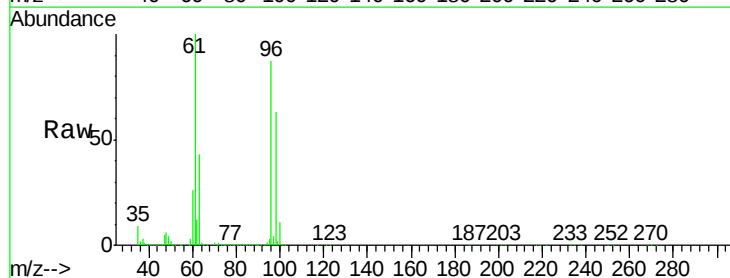
Tgt Ion: 96 Resp: 22991420

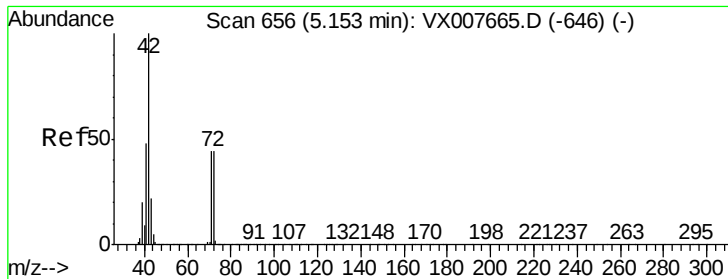
Ion Ratio Lower Upper

96 100

61 119.1 0.0 265.6

98 69.4 0.0 131.6

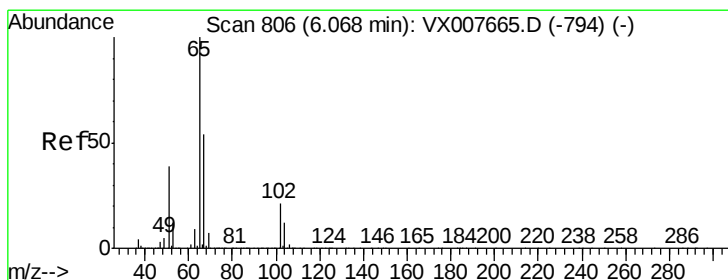
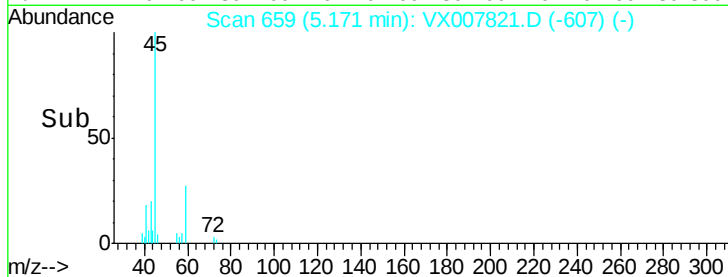
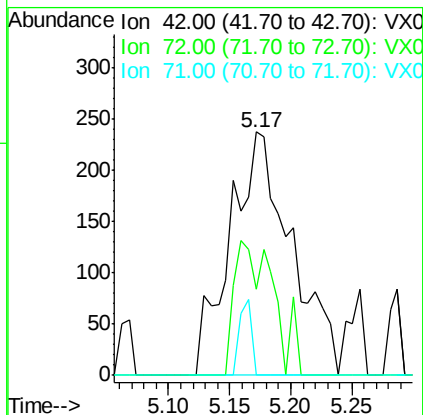
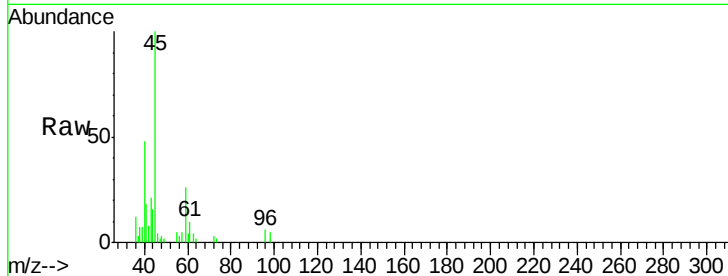




#29
Tetrahydrofuran
Concen: 0.440 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

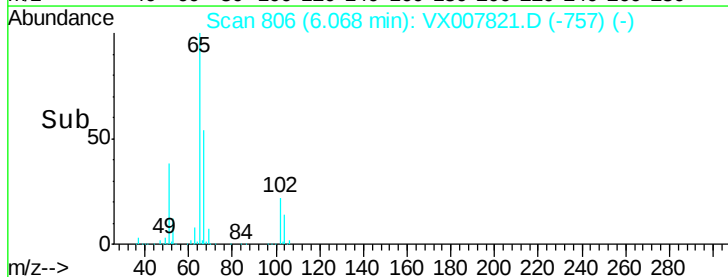
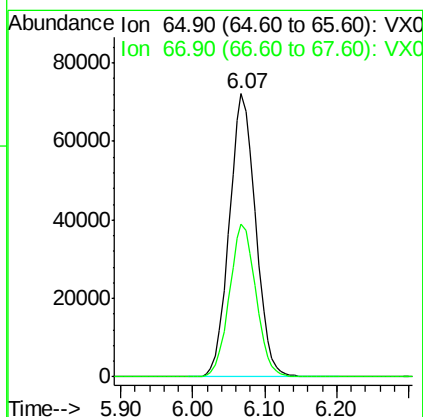
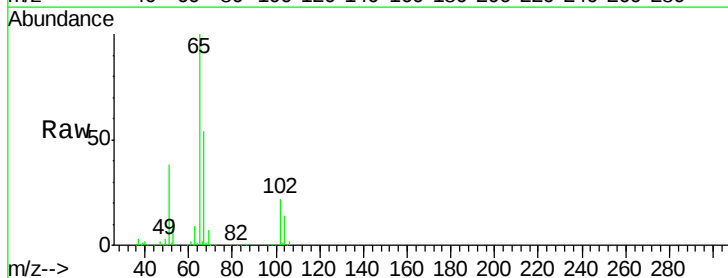
Instrument :
MSVOA_X
ClientSampled :
MW-13

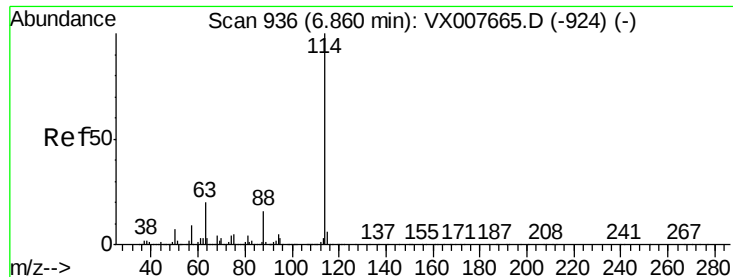
Tot Ion: 42 Resp: 825
Ion Ratio Lower Upper
42 100
72 18.9 37.6 56.4#
71 5.9 34.6 51.8#



#33
1,2-Dichloroethane-d4
Concen: 43.753 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

Tgt Ion: 65 Resp: 183554
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

MW-13

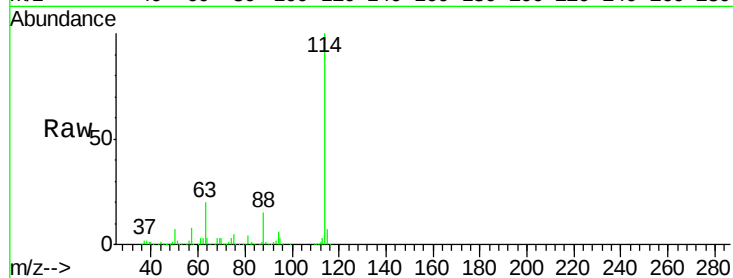
Tot Ion:114 Resp: 521015

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

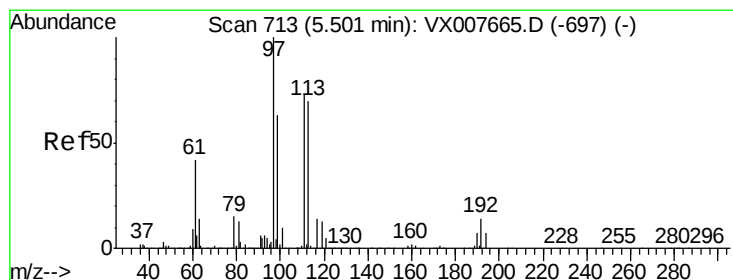
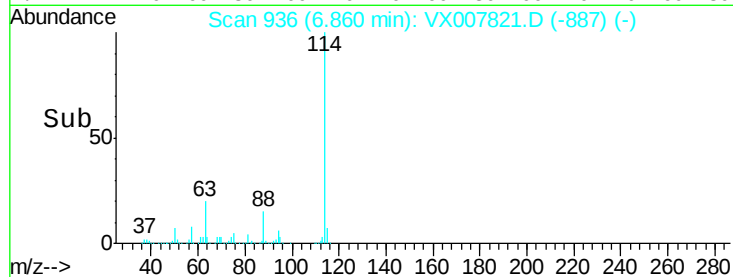
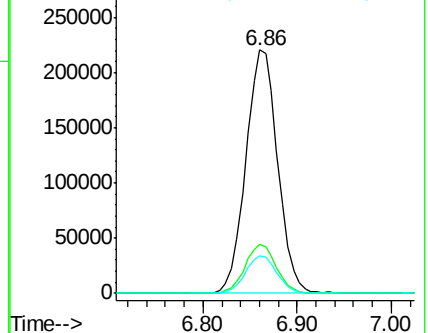
88 15.4 0.0 29.6



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: 48.936 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

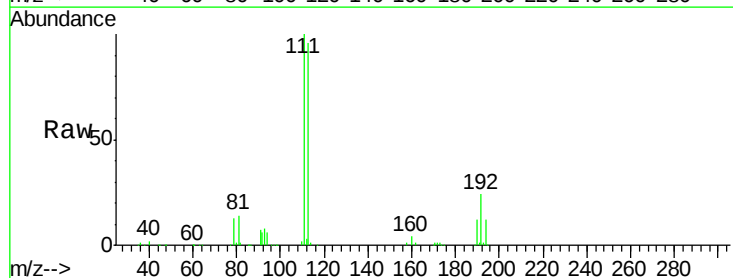
Tgt Ion:113 Resp: 170437

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

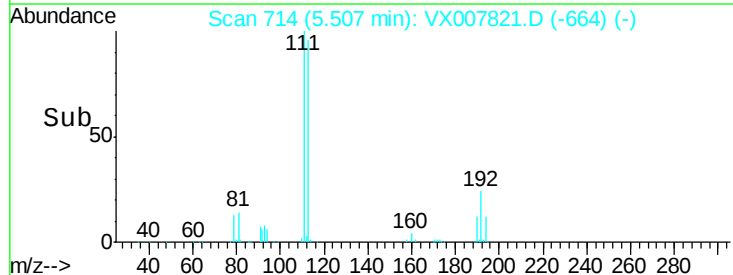
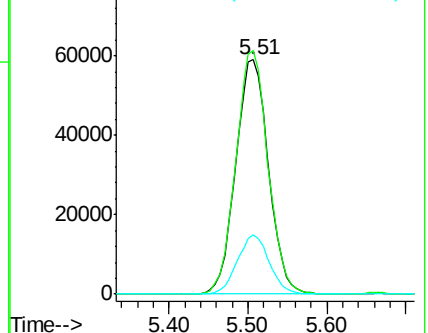
192 24.6 18.5 27.7

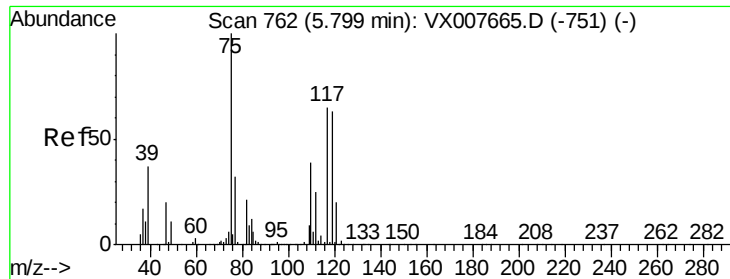


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.403 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

MW-13

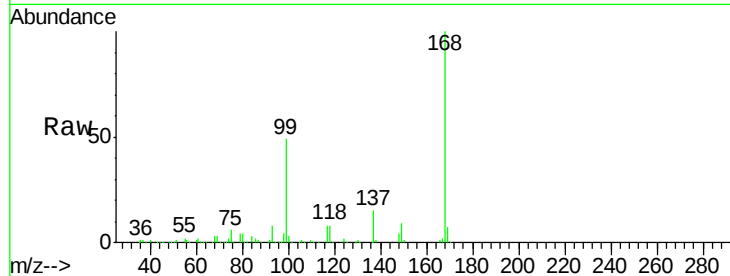
Tot Ion: 75 Resp: 20626

Ion Ratio Lower Upper

75 100

110 9.2 20.0 59.9#

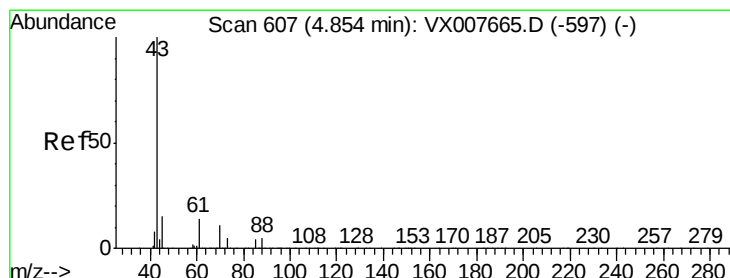
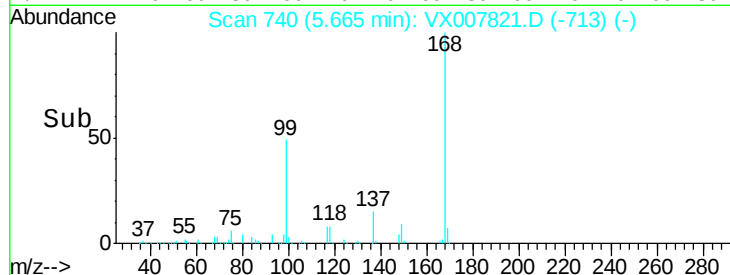
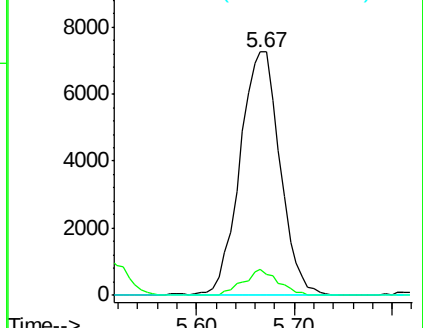
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 10.163 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

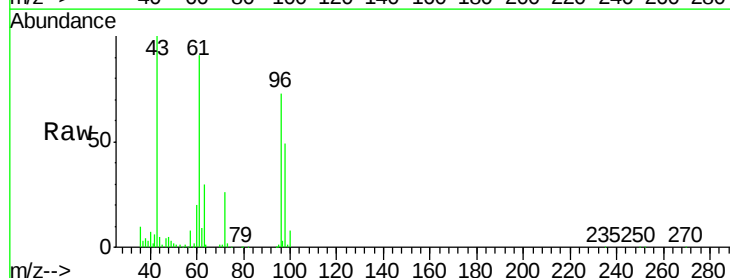
Tgt Ion: 43 Resp: 52882

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

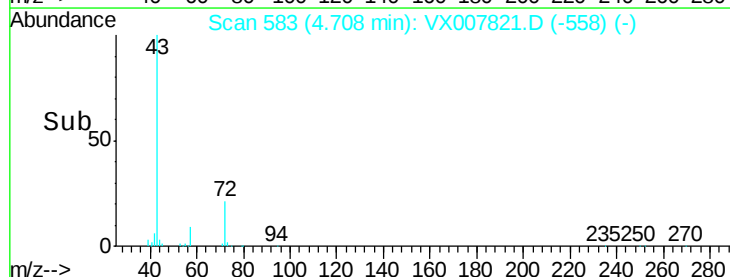
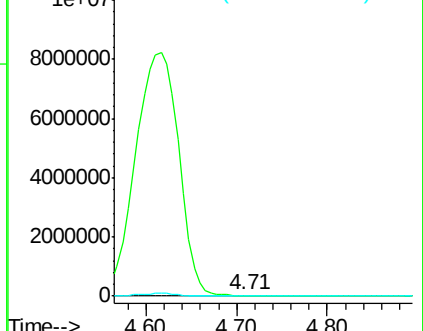
70 0.0 8.6 13.0#

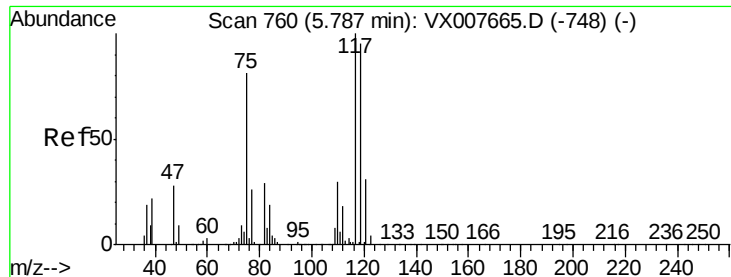


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.049 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.12 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

MW-13

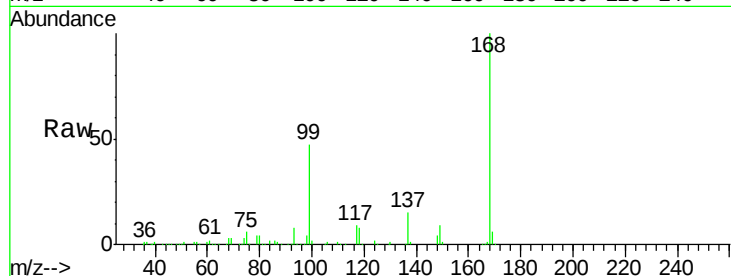
Tot Ion:117 Resp: 28462

Ion Ratio Lower Upper

117 100

119 5.1 75.3 112.9#

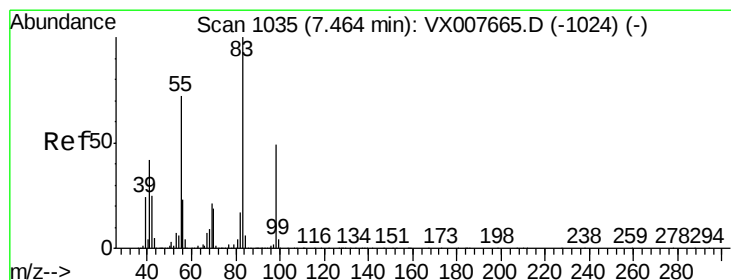
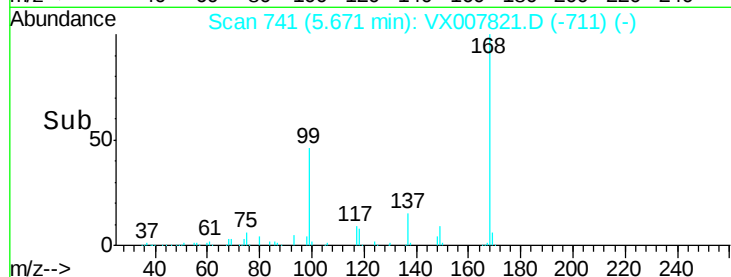
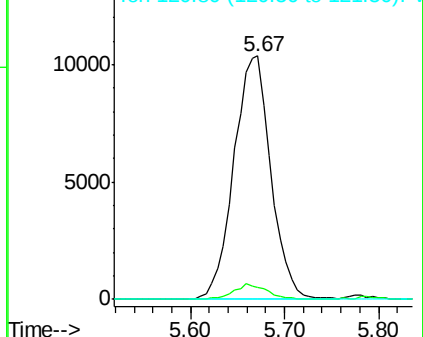
121 0.0 25.0 37.4#



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



#39

Methylcyclohexane

Concen: 11.099 ug/l

RT: 7.22 min Scan# 995

Delta R.T. -0.24 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

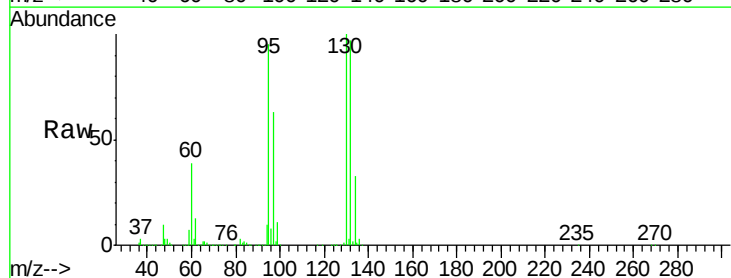
Tgt Ion: 83 Resp: 65709

Ion Ratio Lower Upper

83 100

55 0.0 56.2 84.2#

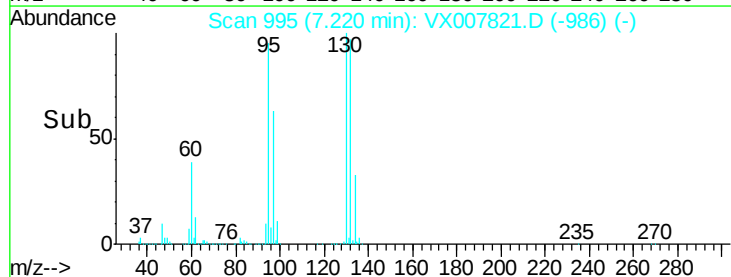
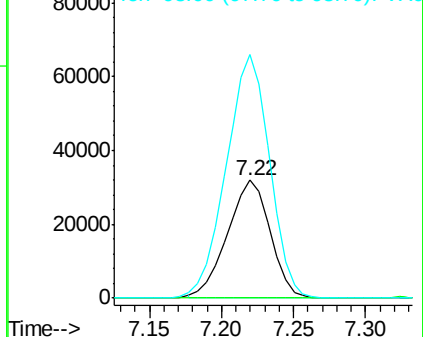
98 206.2 36.8 55.2#

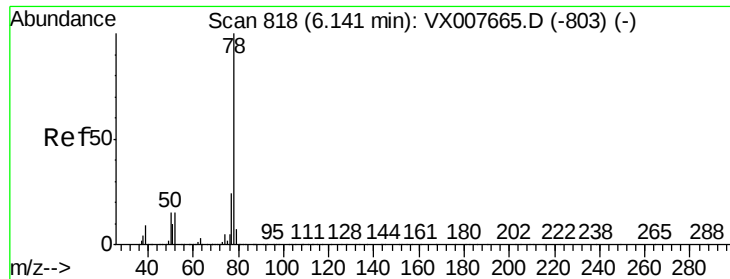


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.401 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

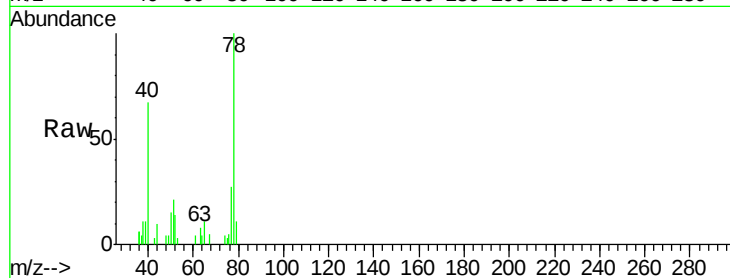
MW-13

Tot Ion: 78 Resp: 5798

Ion Ratio Lower Upper

78 100

77 27.2 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

2500

2000

1500

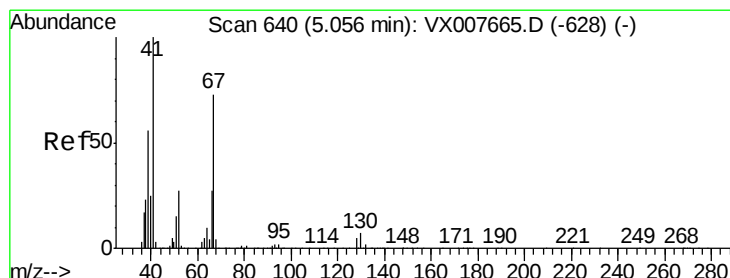
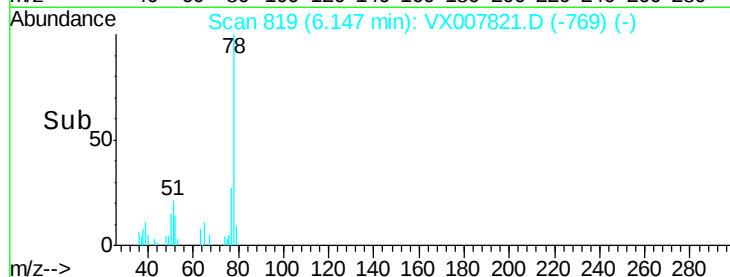
1000

500

0

Time-->

6.05 6.10 6.15 6.20 6.25



#41

Methacrylonitrile

Concen: 0.823 ug/l

RT: 5.18 min Scan# 661

Delta R.T. 0.13 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Tgt Ion: 41 Resp: 2287

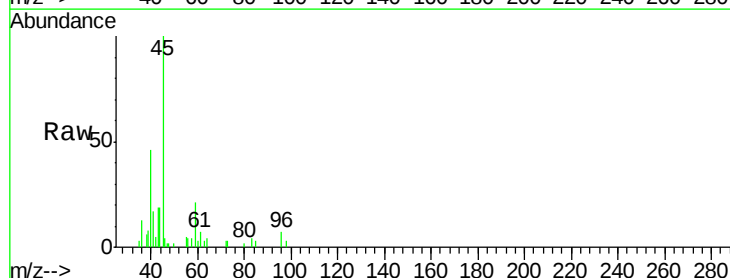
Ion Ratio Lower Upper

41 100

39 40.0 44.5 66.7#

67 0.0 60.4 90.6#

52 0.0 24.1 36.1#



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

800

600

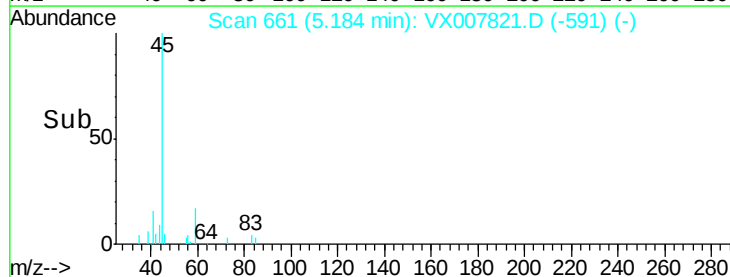
400

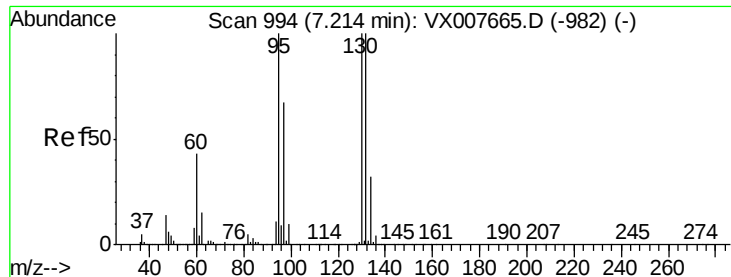
200

0

Time-->

5.10 5.20 5.30





#44

Trichloroethene

Concen: 1471.952 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

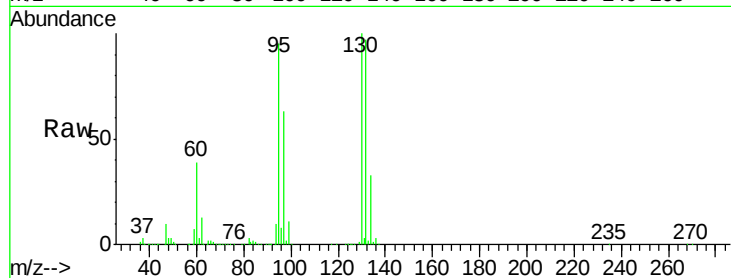
MW-13

Tot Ion:130 Resp: 5854943

Ion Ratio Lower Upper

130 100

95 95.5 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

3000000

2500000

2000000

1500000

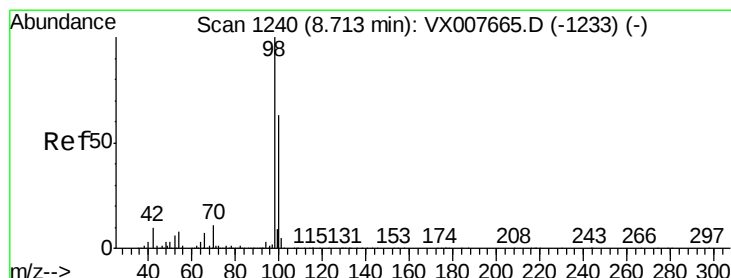
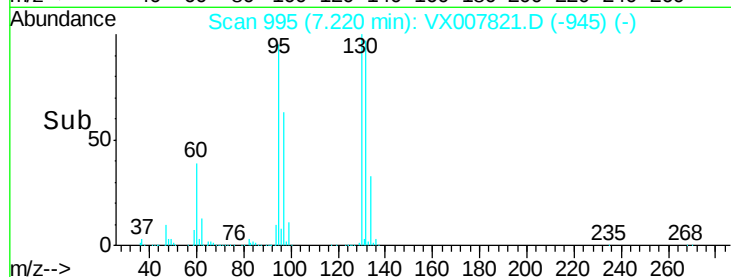
1000000

500000

0

Time-->

7.10 7.20 7.30 7.40



#50

Toluene-d8

Concen: 46.552 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007821.D

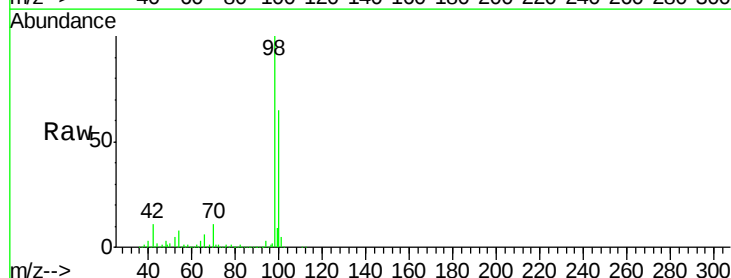
Acq: 04 Mar 2019 19:55

Tgt Ion: 98 Resp: 620708

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

300000

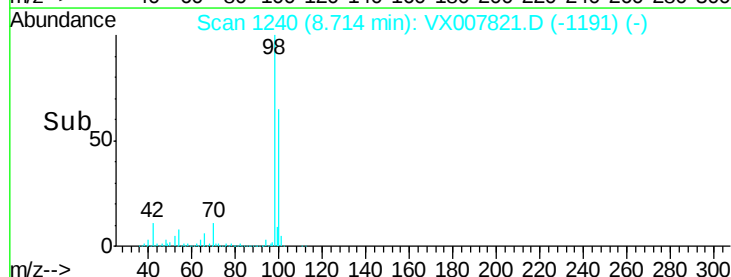
200000

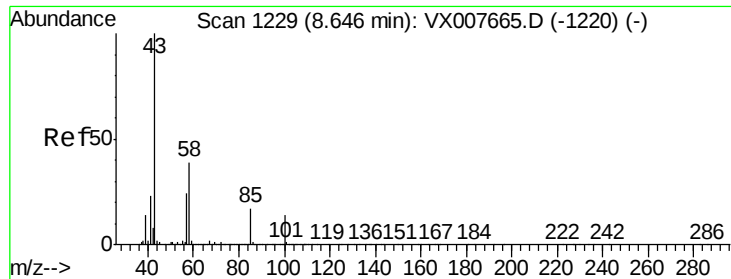
100000

0

Time-->

8.60 8.70 8.80 8.90

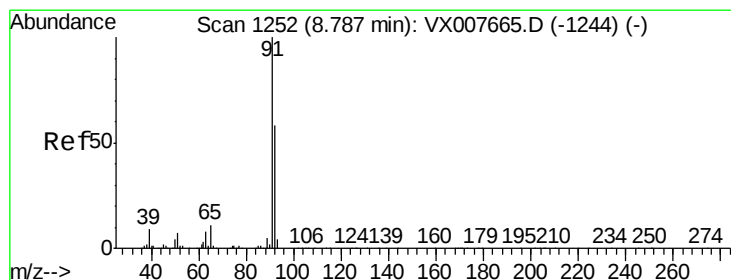
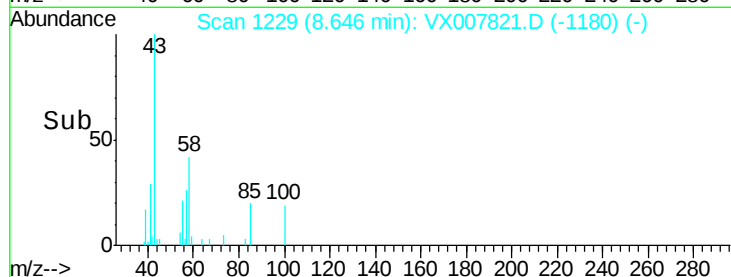
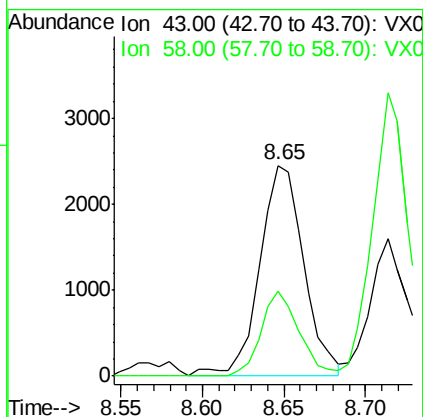
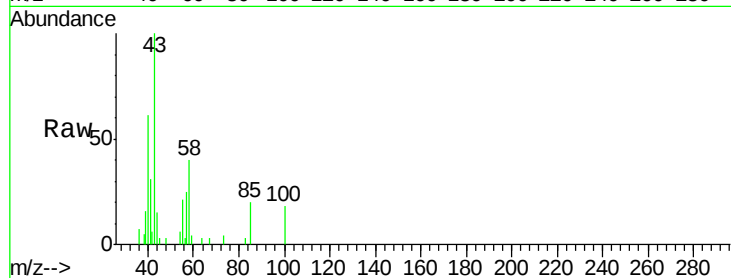




#51
 4-Methyl-2-Pentanone
 Concen: 0.856 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007821.D
 Acq: 04 Mar 2019 19:55

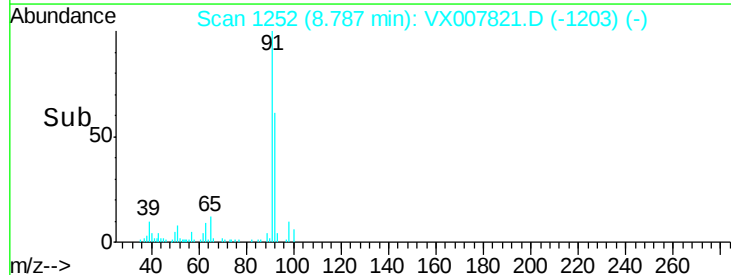
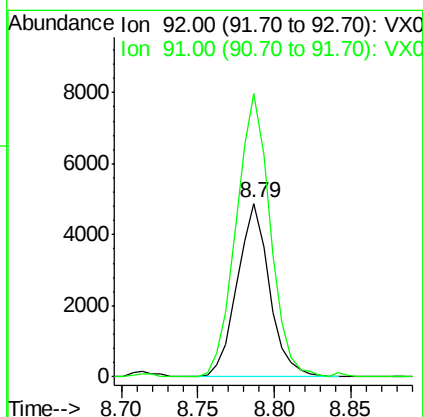
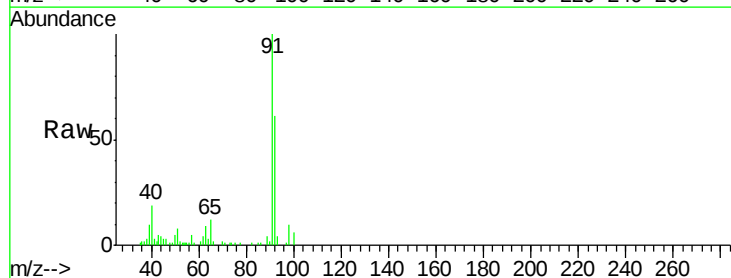
Instrument :
 MSVOA_X
 ClientSampled :
 MW-13

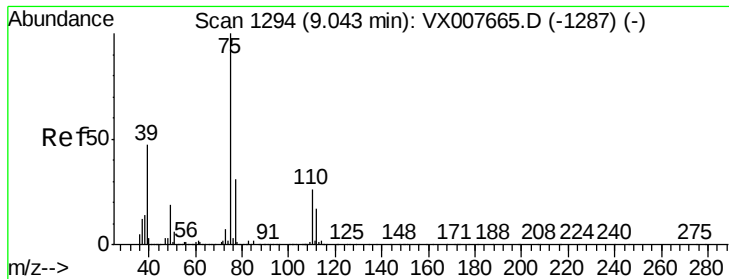
Tot Ion: 43 Resp: 4587
 Ion Ratio Lower Upper
 43 100
 58 34.7 31.2 46.8



#52
 Toluene
 Concen: 0.787 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007821.D
 Acq: 04 Mar 2019 19:55

Tgt Ion: 92 Resp: 7172
 Ion Ratio Lower Upper
 92 100
 91 171.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 2.820 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

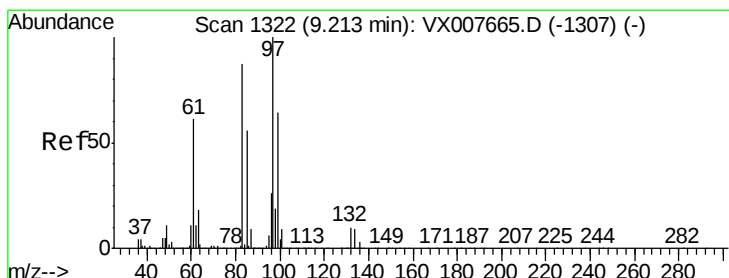
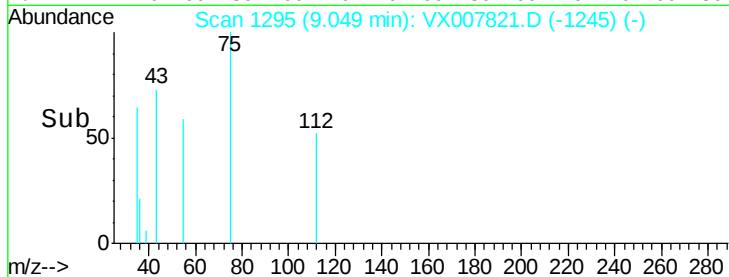
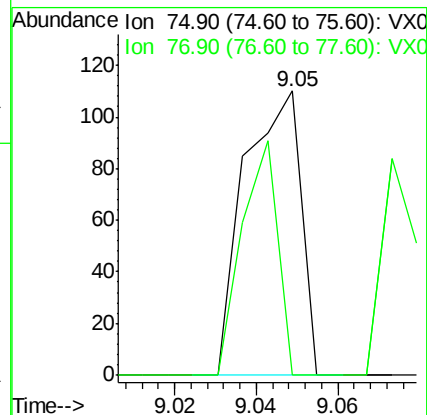
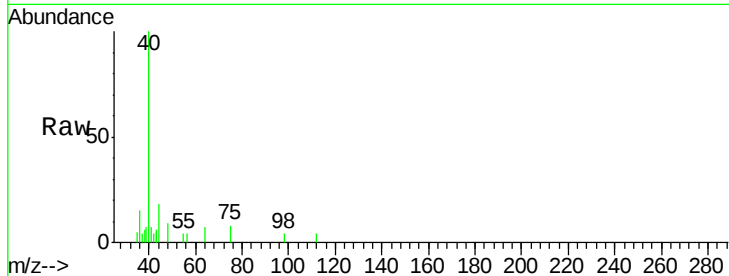
MW-13

Tot Ion: 75 Resp: 106

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 61.688 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.15 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Tgt Ion: 97 Resp: 234552

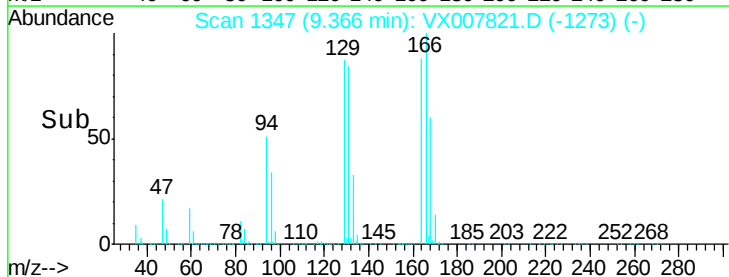
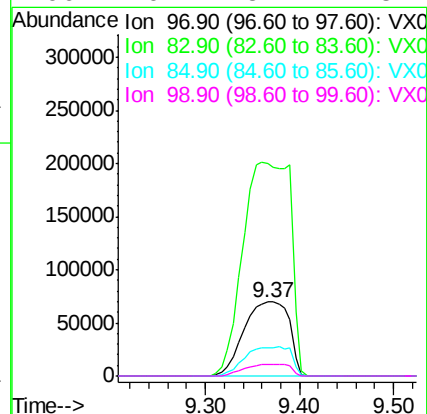
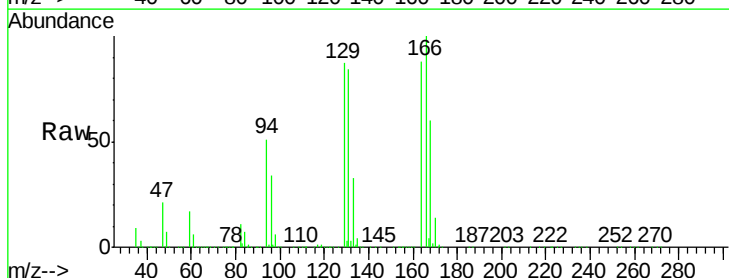
Ion Ratio Lower Upper

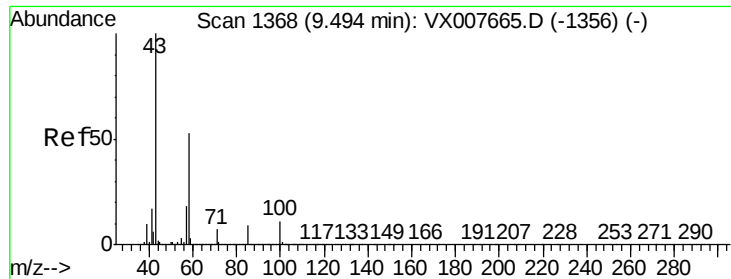
97 100

83 287.5 68.6 102.8#

85 37.9 44.5 66.7#

99 16.1 52.2 78.4#

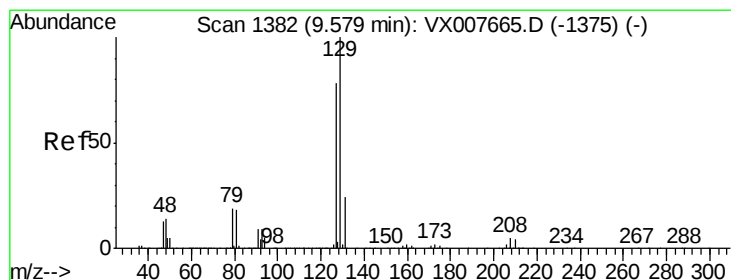
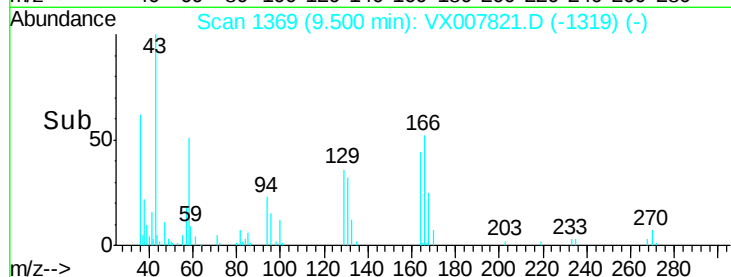
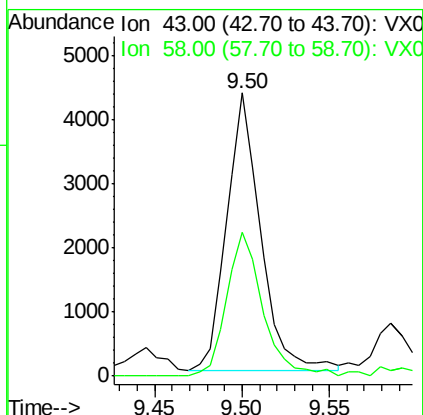
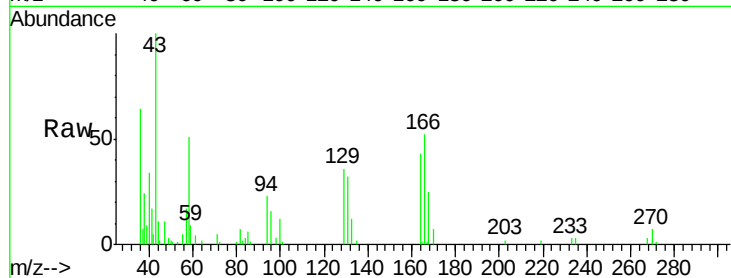




#59
2-Hexanone
Concen: 1.385 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

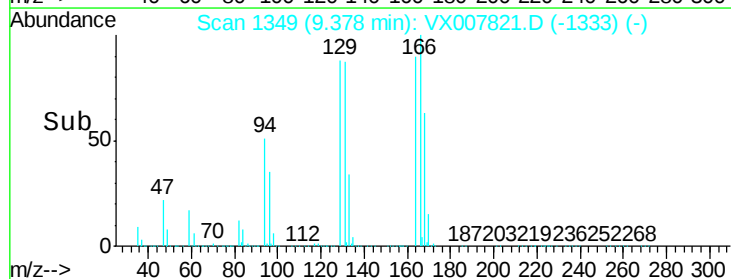
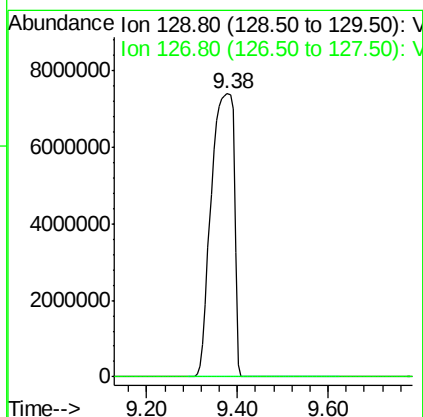
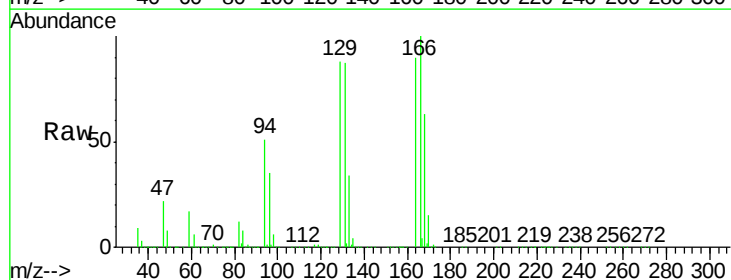
Instrument :
MSVOA_X
ClientSampleId :
MW-13

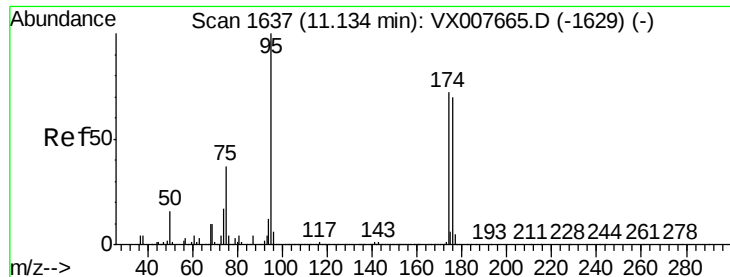
Tot Ion: 43 Resp: 5830
Ion Ratio Lower Upper
43 100
58 55.3 27.1 81.3



#60
Dibromochloromethane
Concen: 7105.686 ug/l
RT: 9.38 min Scan# 1349
Delta R.T. -0.20 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

Tgt Ion: 129 Resp: 25997178
Ion Ratio Lower Upper
129 100
127 0.0 37.8 113.4#

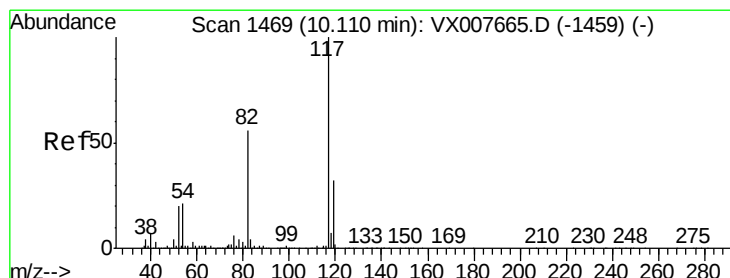
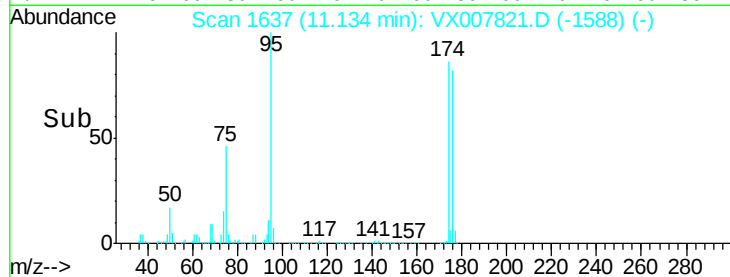
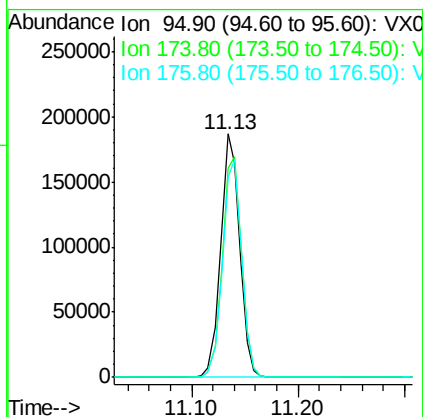
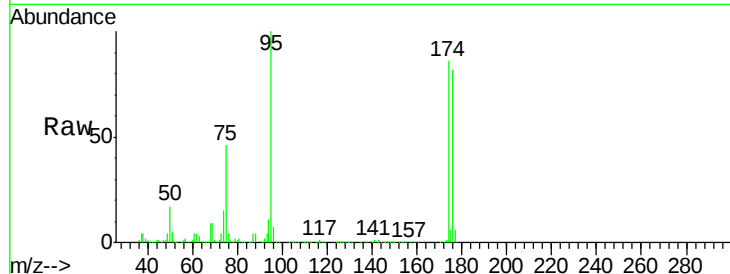




#62
4-Bromofluorobenzene
Concen: 47.389 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

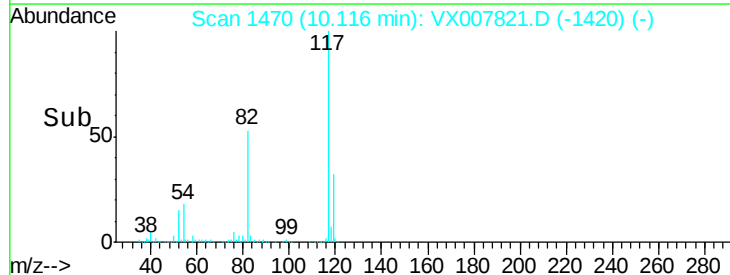
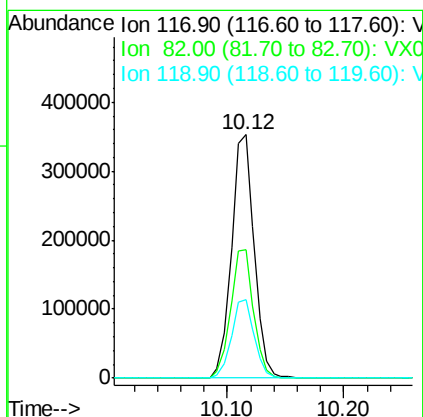
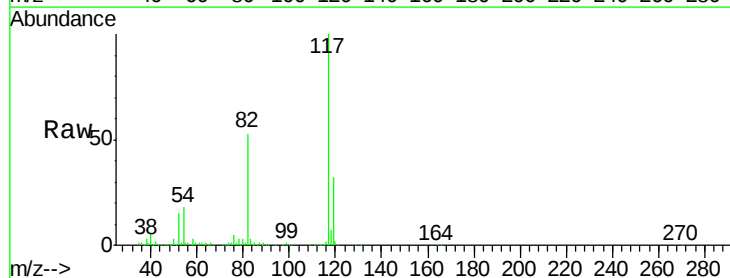
Instrument :
MSVOA_X
ClientSampleId :
MW-13

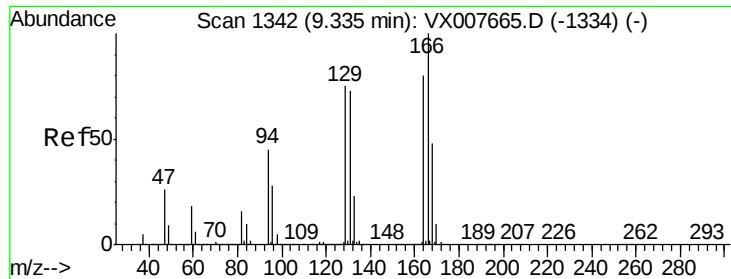
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	189.2
176	90.7	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.3	26.5	39.7





#64

Tetrachloroethene

Concen: 6952.179 ug/l

RT: 9.38 min Scan# 1349

Delta R.T. 0.04 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

MW-13

Tot Ion:164 Resp:27028245

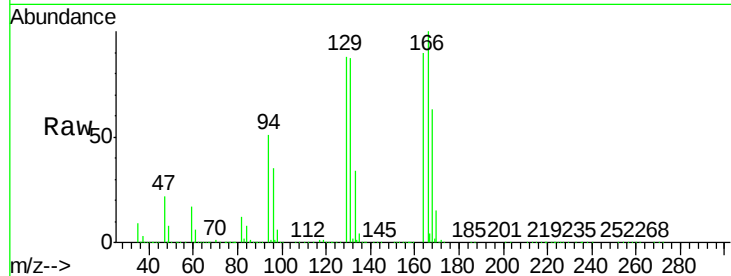
Ion Ratio Lower Upper

164 100

166 110.9 101.0 151.4

129 97.8 70.5 105.7

131 96.1 69.8 104.6

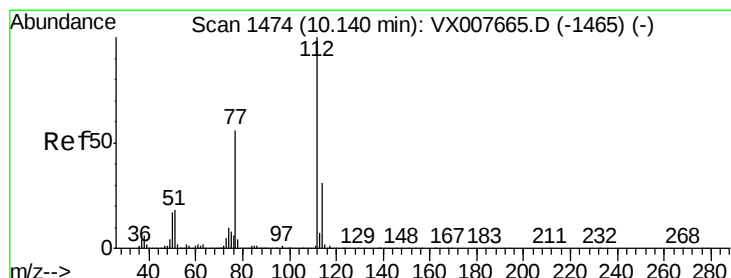
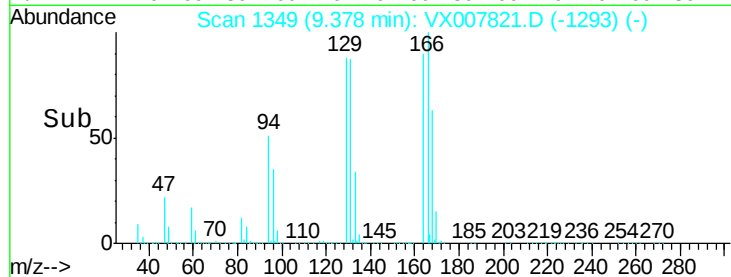
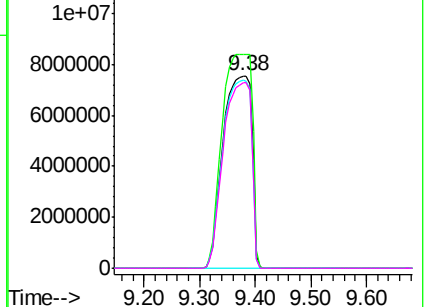


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 0.299 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007821.D

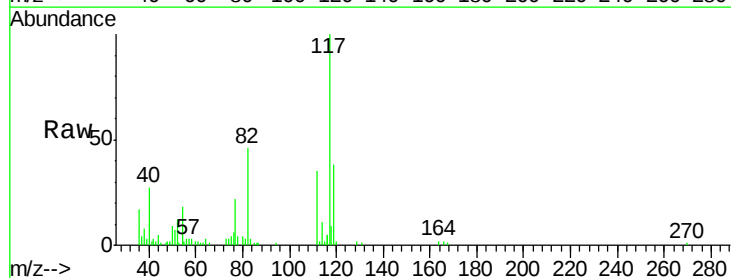
Acq: 04 Mar 2019 19:55

Tgt Ion:112 Resp: 3100

Ion Ratio Lower Upper

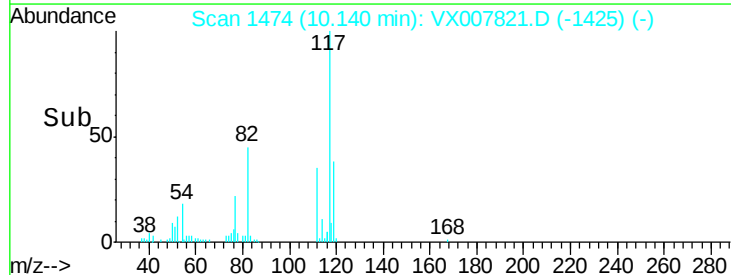
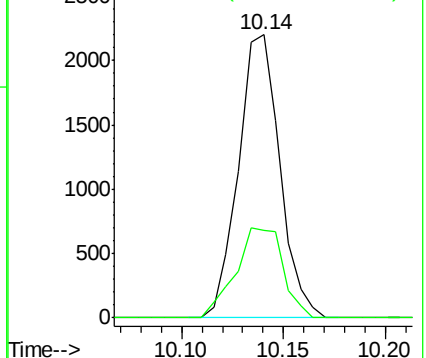
112 100

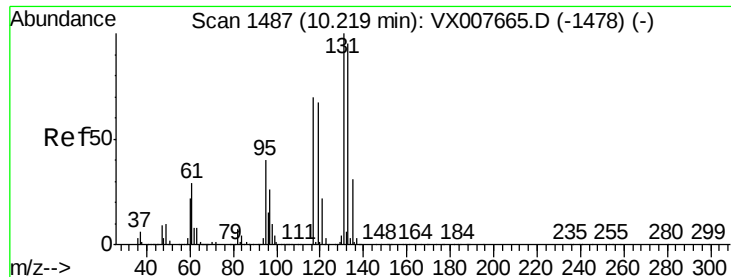
114 30.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.614 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

MW-13

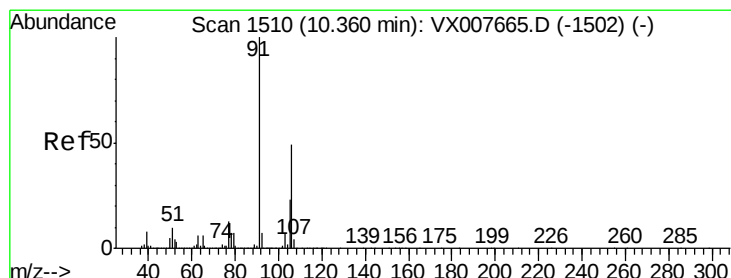
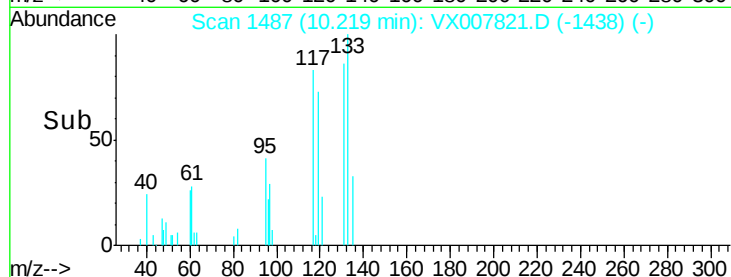
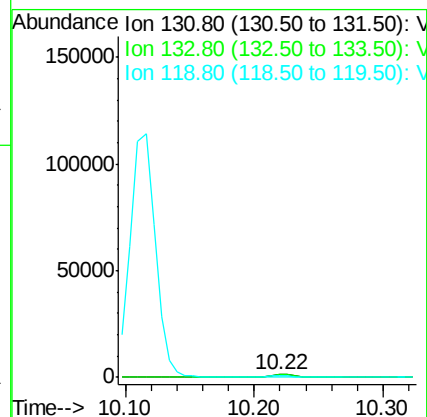
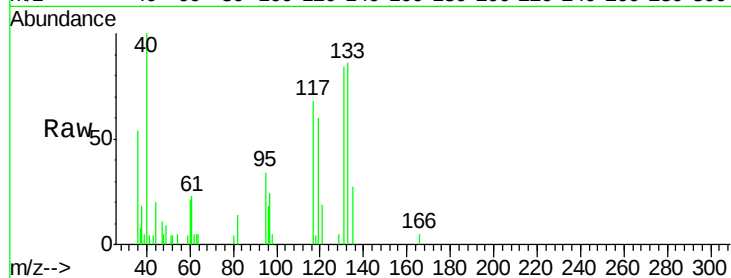
Tot Ion:131 Resp: 2219

Ion Ratio Lower Upper

131 100

133 80.3 48.0 144.2

119 0.0 32.0 96.0#



#68

m/p-Xylenes

Concen: 0.329 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007821.D

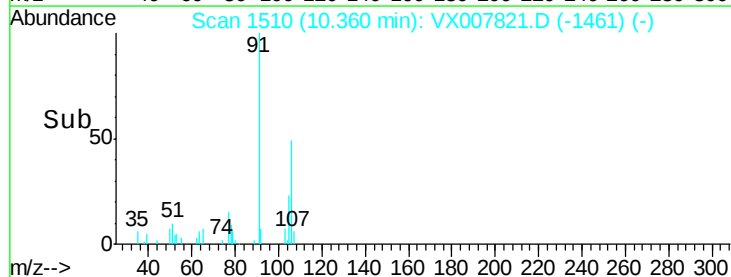
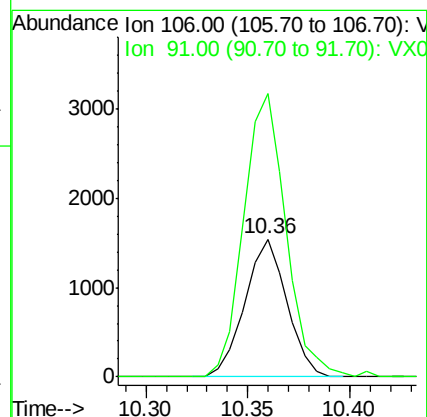
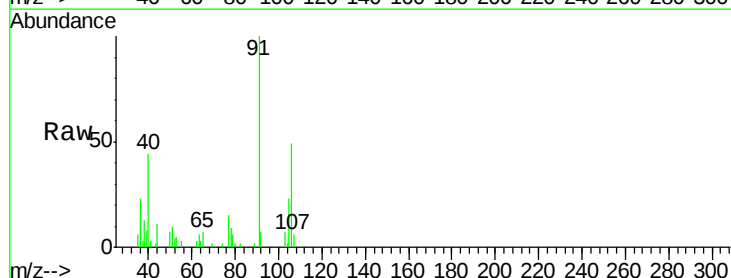
Acq: 04 Mar 2019 19:55

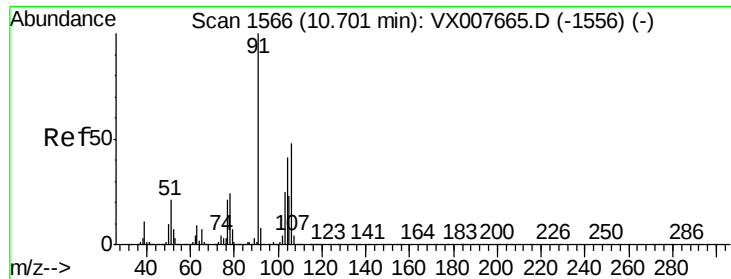
Tgt Ion:106 Resp: 2195

Ion Ratio Lower Upper

106 100

91 207.1 156.6 234.8

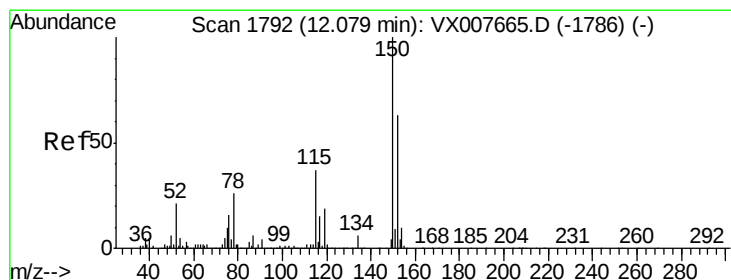
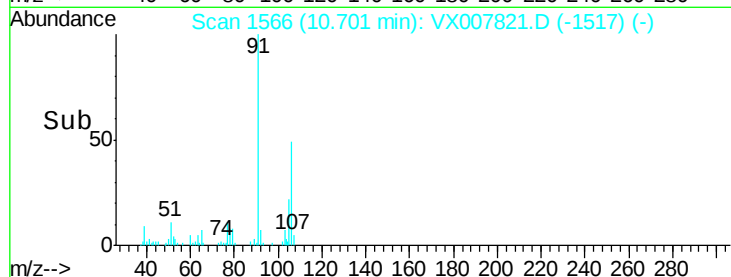
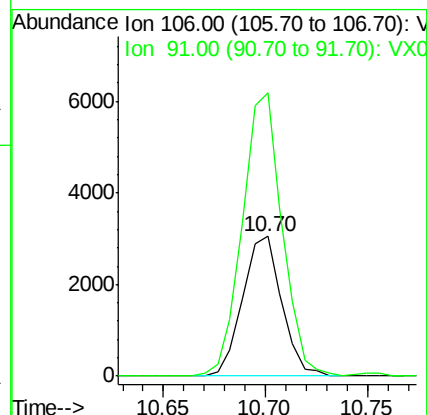
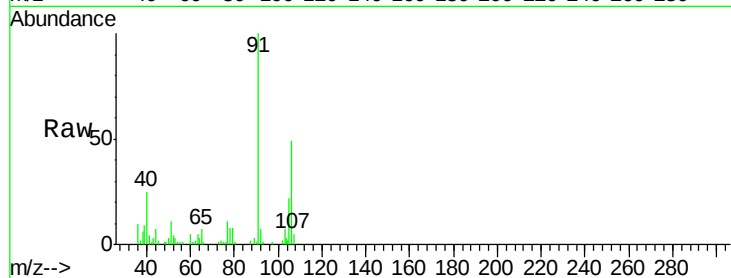




#69
o-Xylene
Concen: 0.632 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

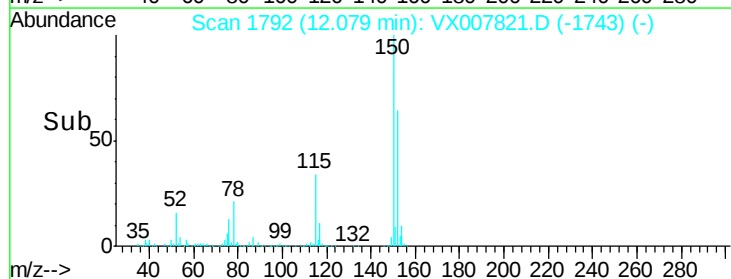
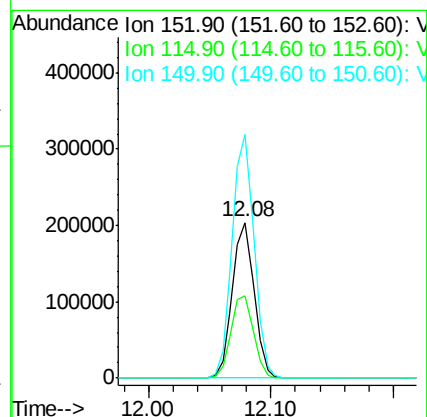
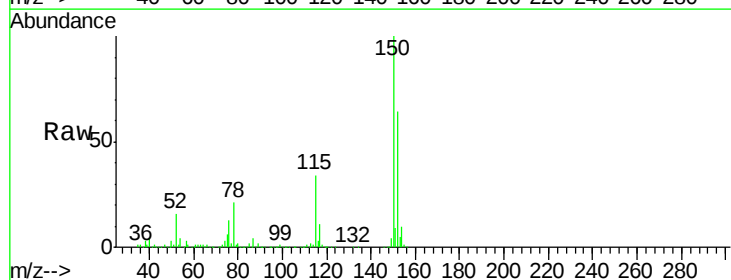
Instrument :
MSVOA_X
ClientSampleId :
MW-13

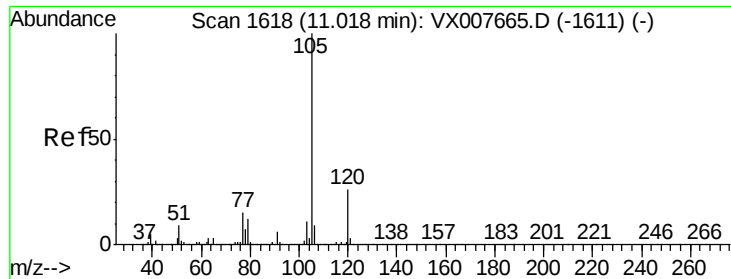
Tot Ion:106 Resp: 4055
Ion Ratio Lower Upper
106 100
91 206.2 102.9 308.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

Tgt Ion:152 Resp: 251008
Ion Ratio Lower Upper
152 100
115 55.0 38.0 114.0
150 156.9 0.0 346.4





#73

Isopropylbenzene

Concen: 0.373 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

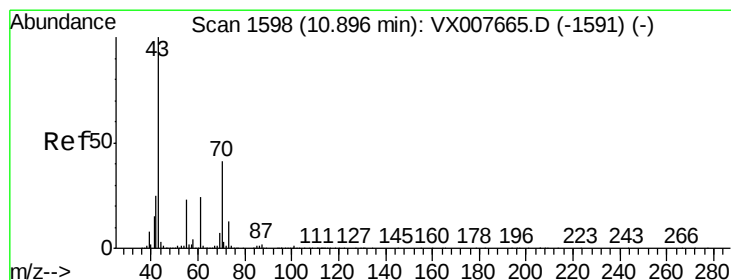
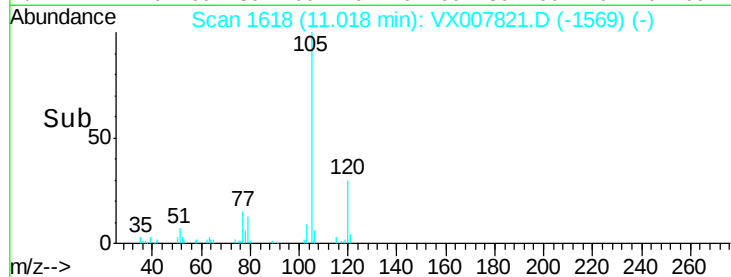
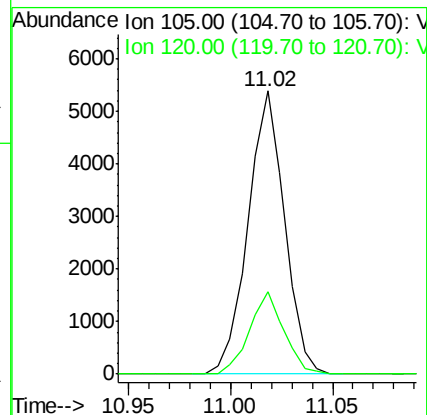
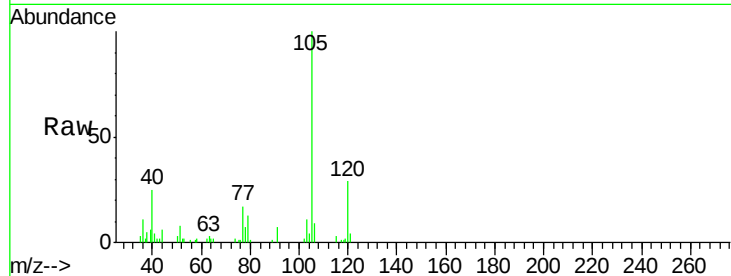
MW-13

Tot Ion:105 Resp: 6699

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 1.643 ug/l

RT: 10.82 min Scan# 1586

Delta R.T. -0.07 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Tgt Ion: 43 Resp: 12802

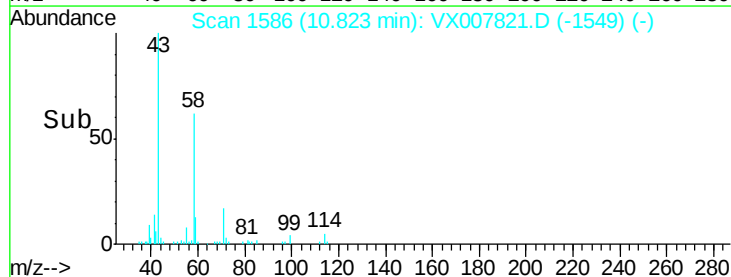
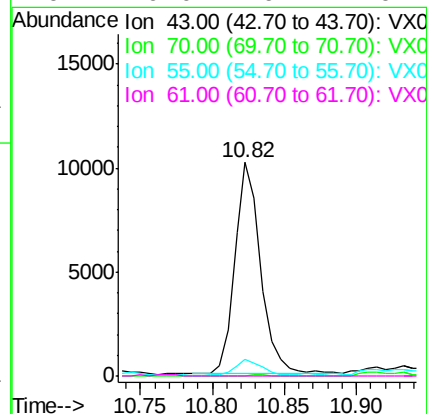
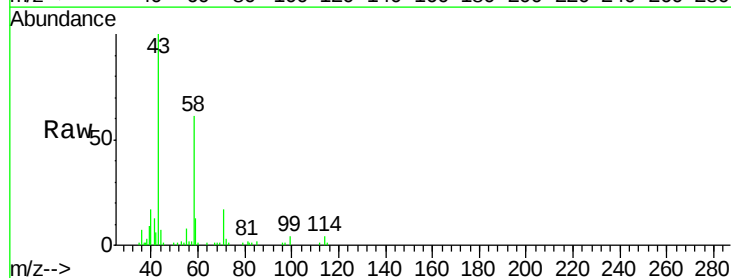
Ion Ratio Lower Upper

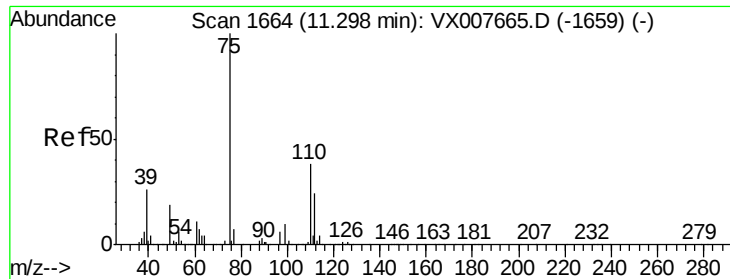
43 100

70 0.0 33.8 50.6#

55 9.0 19.5 29.3#

61 0.0 19.4 29.2#

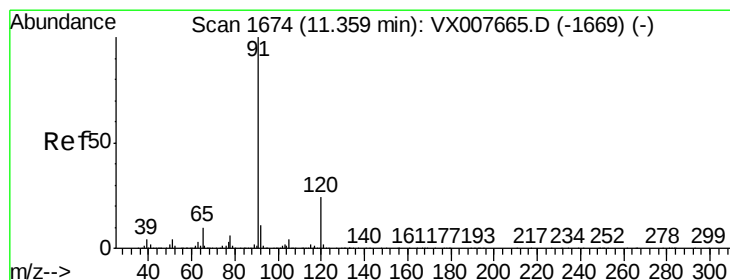
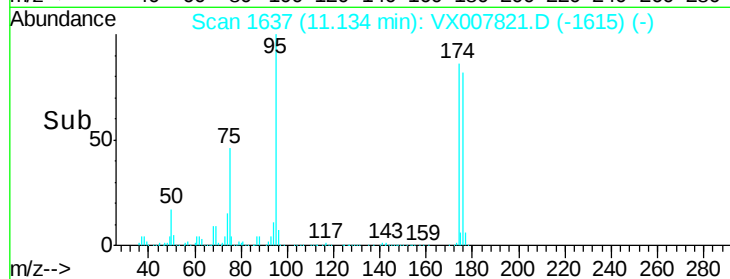
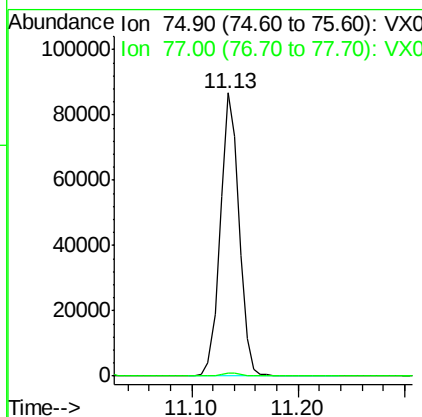
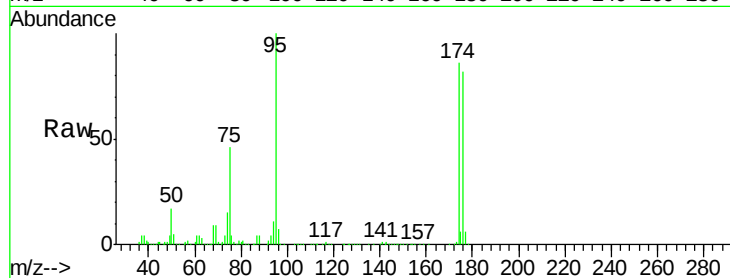




#76
1,2,3-Trichloropropane
Concen: 19.935 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

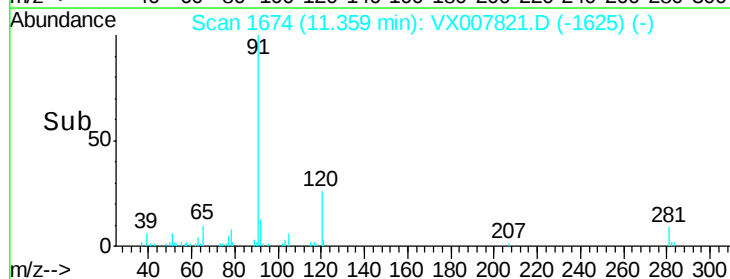
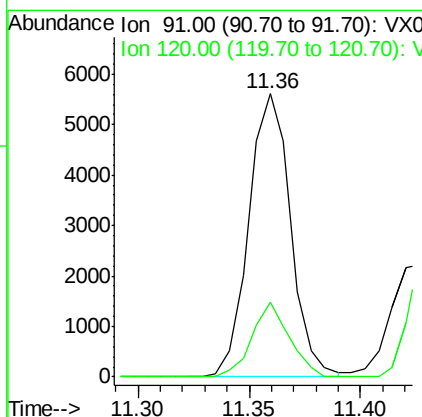
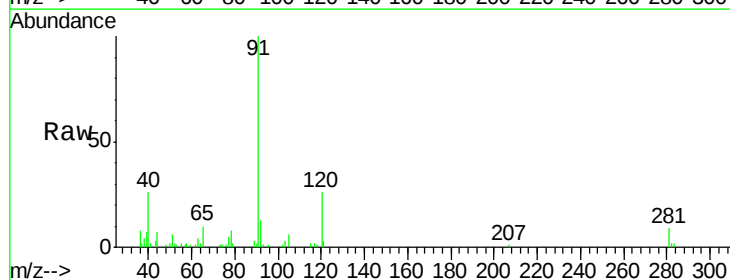
Instrument :
MSVOA_X
ClientSampleId :
MW-13

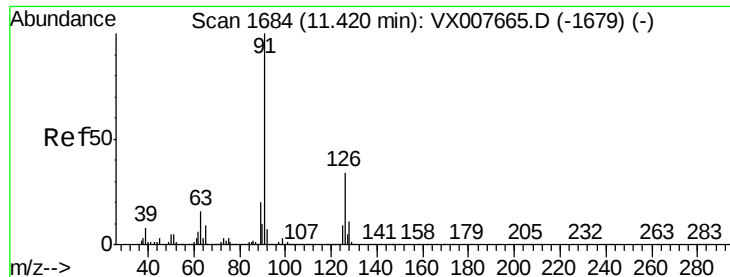
Tot Ion: 75 Resp: 106661
Ion Ratio Lower Upper
75 100
77 1.3 23.0 69.0#



#78
n-propylbenzene
Concen: 0.361 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

Tgt Ion: 91 Resp: 7323
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.2

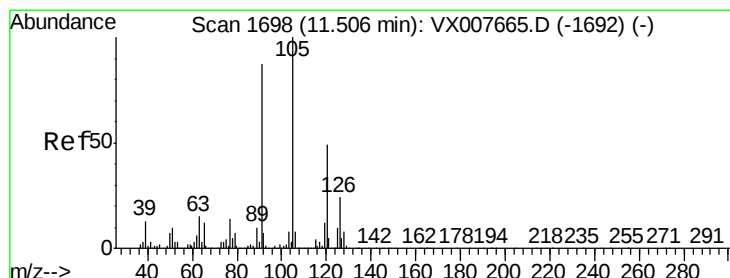
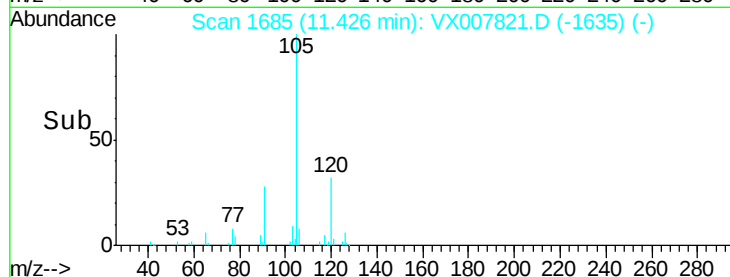
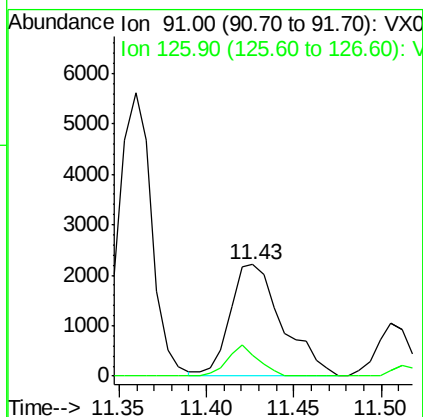
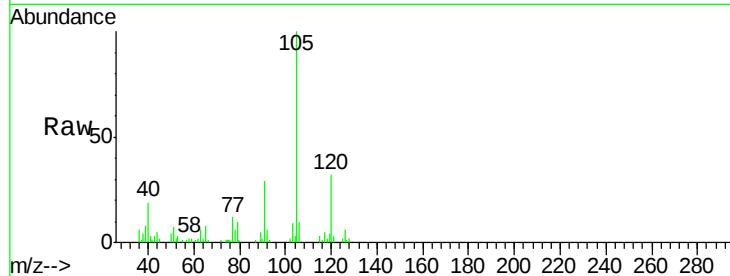




#79
 2-Chlorotoluene
 Concen: 0.378 ug/l
 RT: 11.43 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: VX007821.D
 Acq: 04 Mar 2019 19:55

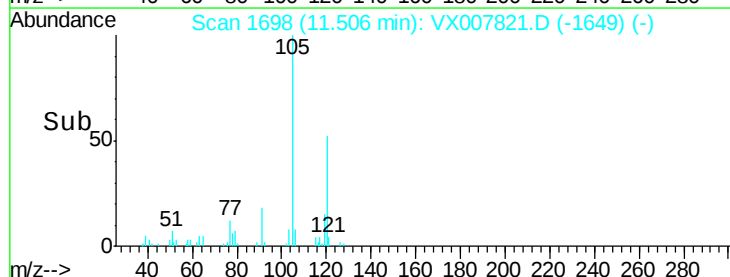
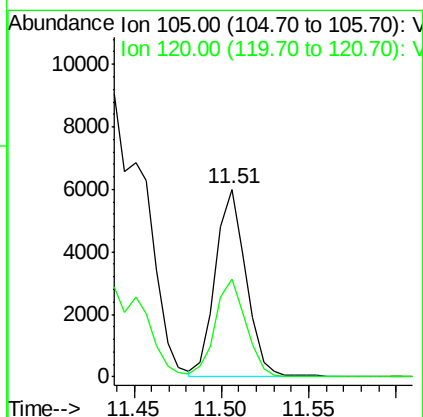
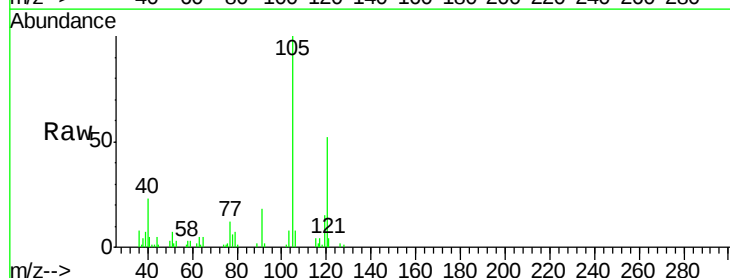
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-13

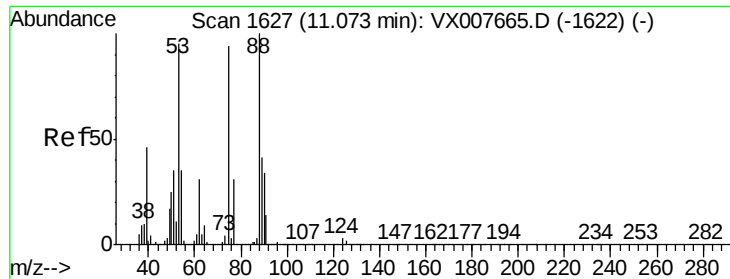
Tot Ion: 91 Resp: 4614
 Ion Ratio Lower Upper
 91 100
 126 16.3 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.499 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007821.D
 Acq: 04 Mar 2019 19:55

Tgt Ion: 105 Resp: 7369
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.3 75.8

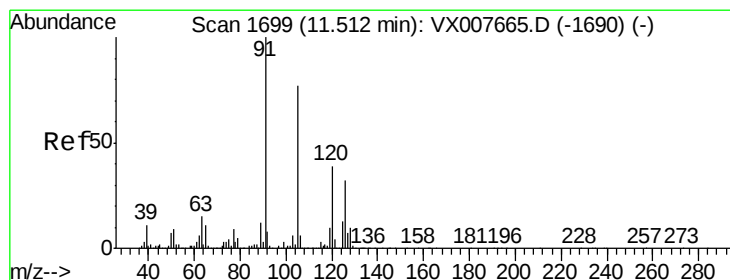
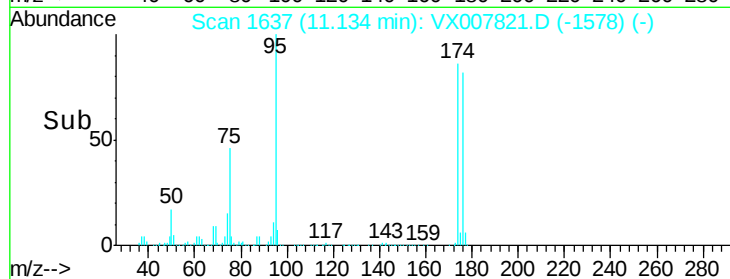
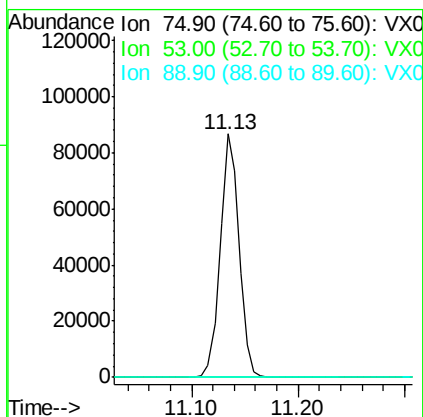
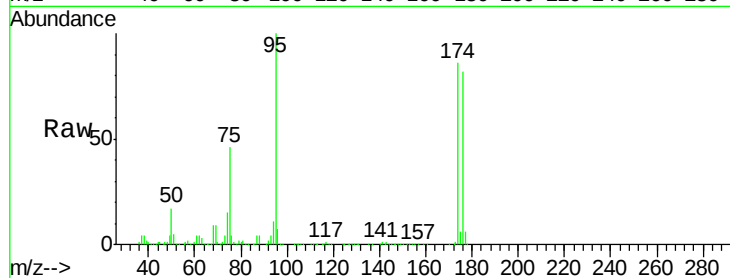




#81
trans-1,4-Dichloro-2-butene
Concen: 53.215 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

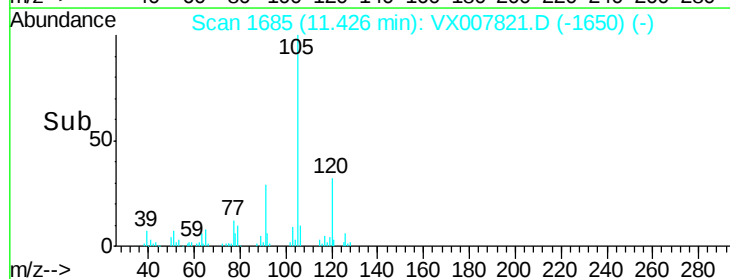
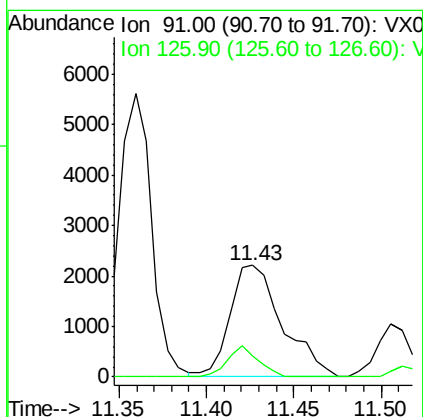
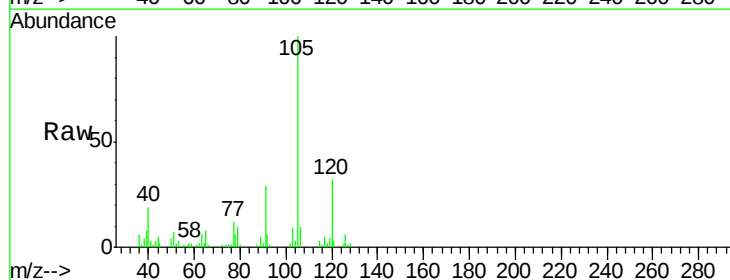
Instrument :
MSVOA_X
ClientSampleId :
MW-13

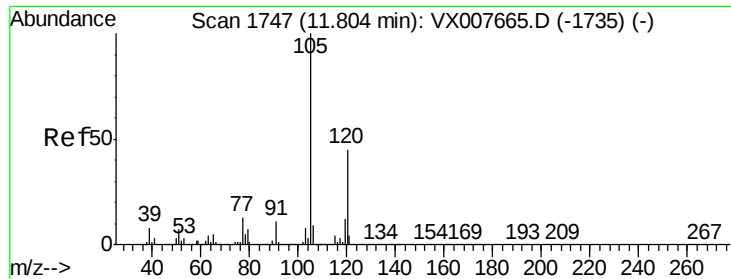
Tot Ion: 75 Resp: 106661
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.6#
89 0.0 41.4 62.0#



#82
4-Chlorotoluene
Concen: 0.323 ug/l
RT: 11.43 min Scan# 1685
Delta R.T. -0.09 min
Lab File: VX007821.D
Acq: 04 Mar 2019 19:55

Tgt Ion: 91 Resp: 4614
Ion Ratio Lower Upper
91 100
126 16.3 16.2 48.5





#84

1,2,4-Trimethylbenzene

Concen: 1.357 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

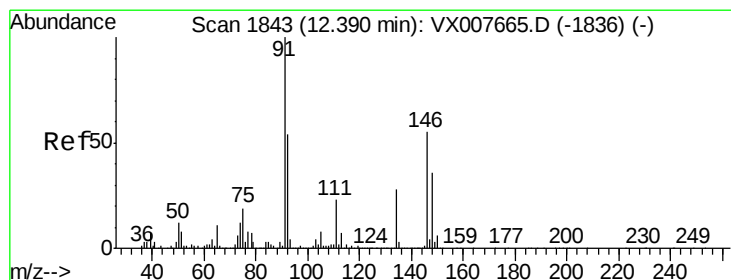
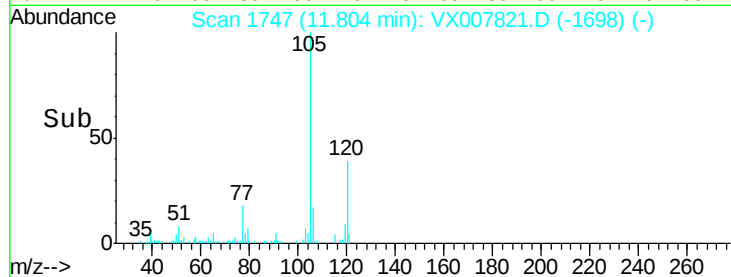
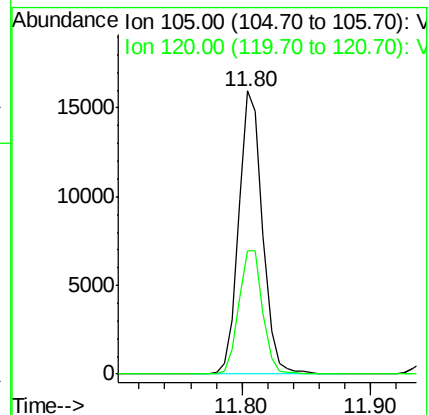
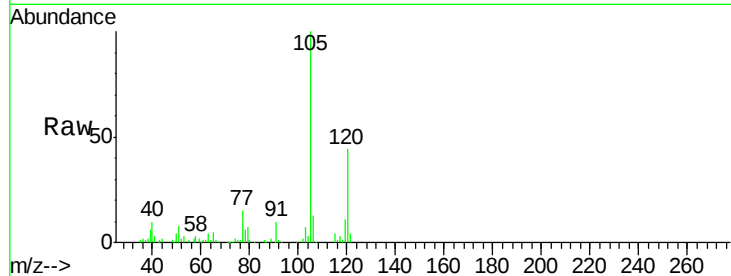
MW-13

Tot Ion:105 Resp: 20485

Ion Ratio Lower Upper

105 100

120 44.3 23.1 69.3



#91

1,2-Dichlorobenzene

Concen: 0.584 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

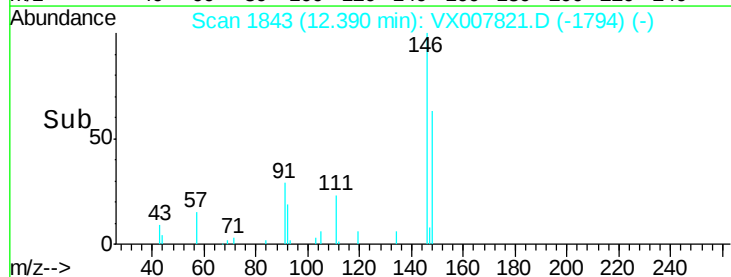
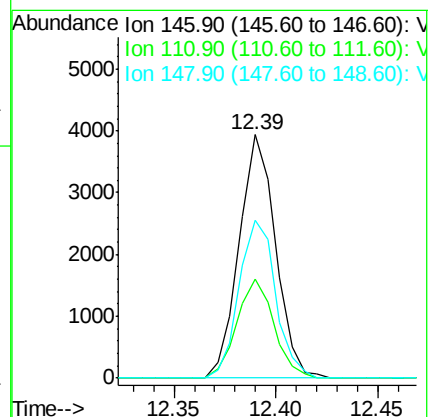
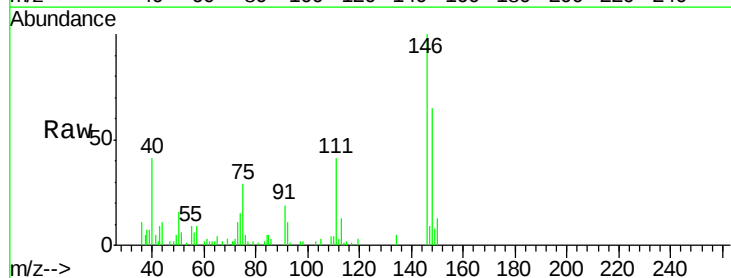
Tgt Ion:146 Resp: 4876

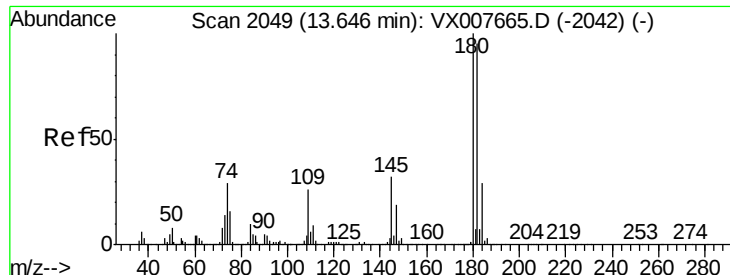
Ion Ratio Lower Upper

146 100

111 41.3 19.1 57.3

148 65.2 32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 1.119 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007821.D

Acq: 04 Mar 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

MW-13

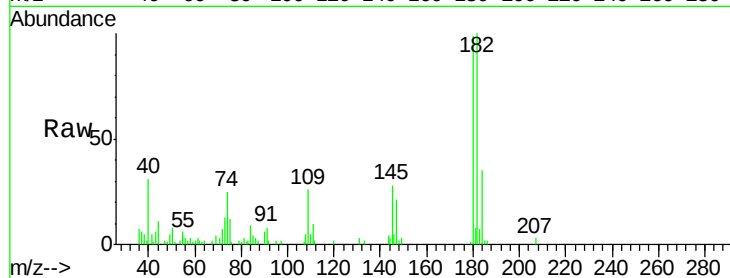
Tot Ion:180 Resp: 5703

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 28.9 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

