

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007532.D
 Acq On : 13 Feb 2019 20:30
 Operator : JC/SP
 Sample : K1460-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208

Quant Time: Feb 14 02:39:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	512286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	806240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	745078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358535	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	278888	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	5.51	113	259184	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	966949	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	335956	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	180	0.206	ug/l	92
5) Bromomethane	1.65	94	220	Below Cal	#	17
6) Chloroethane	1.71	64	1703	0.465	ug/l #	43
11) Tert butyl alcohol	3.06	59	17092	15.189	ug/l #	84
13) Acrolein	2.28	56	1744	3.305	ug/l #	1
15) Acrylonitrile	3.17	53	2921	1.049	ug/l #	16
16) Acetone	2.45	43	26885	10.794	ug/l	97
17) Carbon Disulfide	2.57	76	2643	2.319	ug/l #	83
18) Methyl Acetate	2.84	43	34643	5.868	ug/l #	52
19) Methyl tert-butyl Ether	3.21	73	49011	3.093	ug/l	99
20) Methylene Chloride	2.86	84	1548	Below Cal	#	50
22) Diisopropyl ether	3.86	45	6646	0.453	ug/l #	73
25) 2-Butanone	4.70	43	10133	2.859	ug/l	94
31) Cyclohexane	5.58	56	53367	7.058	ug/l	98
36) 1,1-Dichloropropene	5.67	75	33467	4.626	ug/l #	50
38) Carbon Tetrachloride	5.67	117	45472	6.479	ug/l #	15
39) Methylcyclohexane	7.46	83	63948	7.306	ug/l #	87
40) Benzene	6.15	78	168064	7.887	ug/l	100
43) Isopropyl Acetate	6.45	43	2866	0.254	ug/l #	78
48) Methyl methacrylate	7.73	41	6115	1.083	ug/l #	45
49) 1,4-Dioxane	7.71	88	241	8.743	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	6433	0.866	ug/l	91
52) Toluene	8.79	92	7635	0.555	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	14551	2.539	ug/l #	18
56) Ethyl methacrylate	9.16	69	3262	0.411	ug/l #	25
59) 2-Hexanone	9.51	43	2110	0.365	ug/l	97
64) Tetrachloroethene	9.33	164	1581	0.225	ug/l #	86
65) Chlorobenzene	10.14	112	13501	0.830	ug/l	95
68) m/p-Xylenes	10.36	106	6876	0.661	ug/l	95
69) o-Xylene	10.70	106	2052	0.205	ug/l	97
71) Bromoform	10.80	173	86	4.046	ug/l #	29
73) Isopropylbenzene	11.02	105	12210	0.501	ug/l	88
76) 1,2,3-Trichloropropane	11.13	75	161405	23.144	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	4643	0.233	ug/l	98

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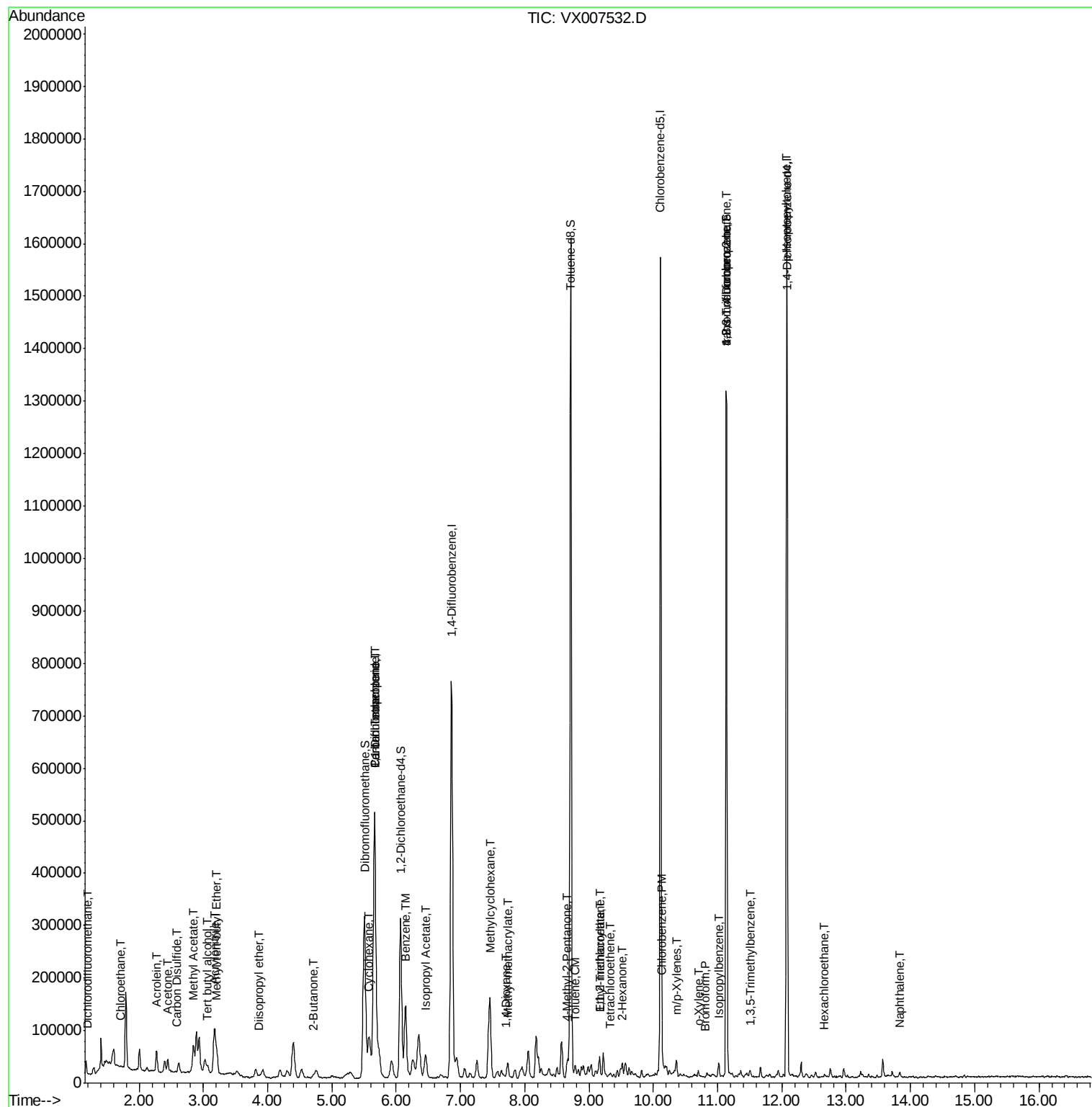
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	161405	69.715	ug/l #	9
86) p-Isopropyltoluene	12.07	119	4366	0.202	ug/l #	63
90) Hexachloroethane	12.67	117	696	0.216	ug/l #	5
95) Naphthalene	13.83	128	5934	0.245	ug/l #	88

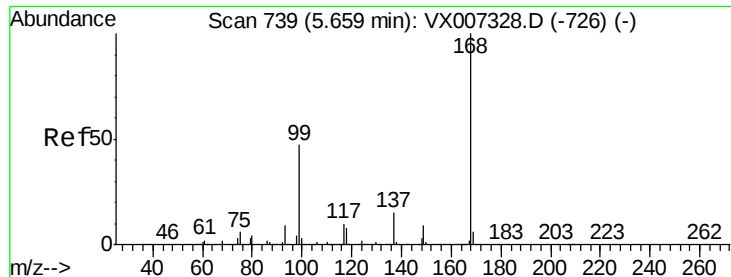
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

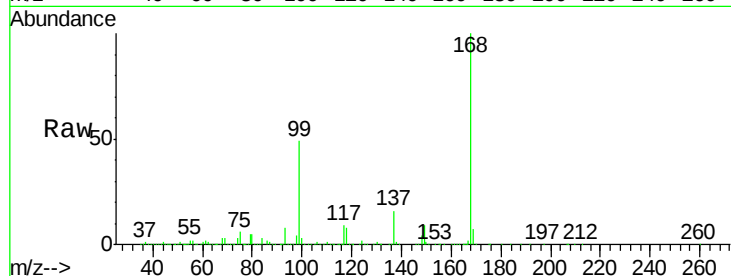
MW-2-20190208

Tot Ion:168 Resp: 512286

Ion Ratio Lower Upper

168 100

99 49.2 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

200000

150000

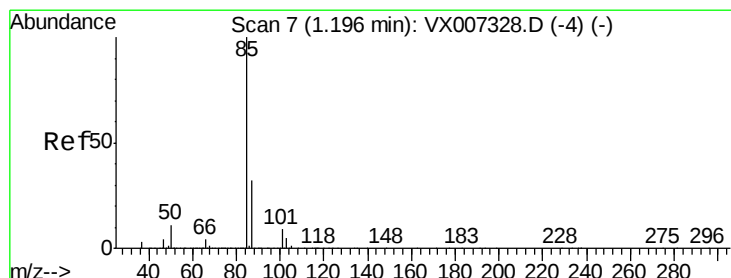
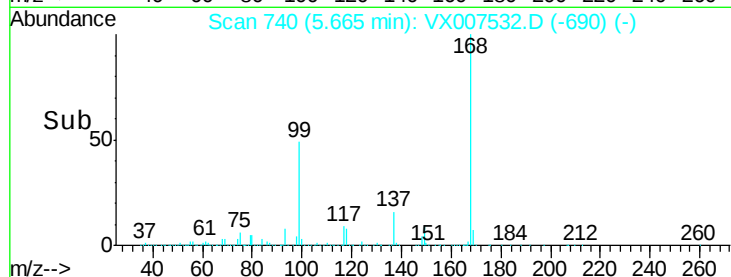
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.206 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007532.D

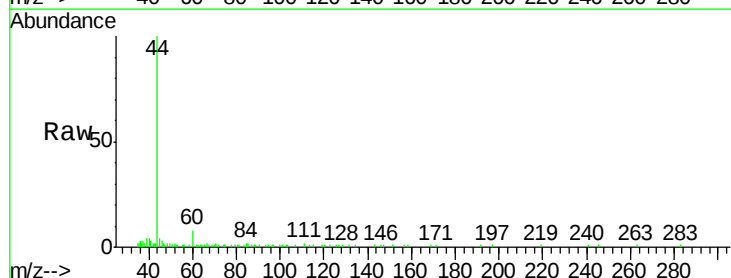
Acq: 13 Feb 2019 20:30

Tgt Ion: 85 Resp: 180

Ion Ratio Lower Upper

85 100

87 26.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300

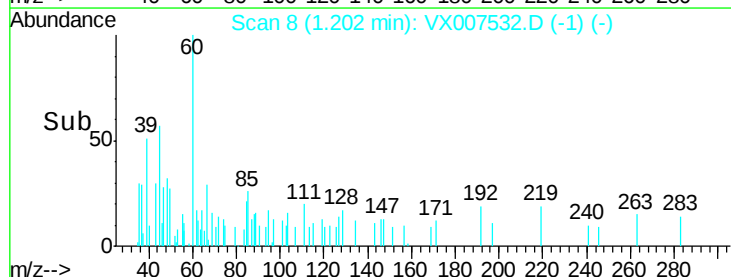
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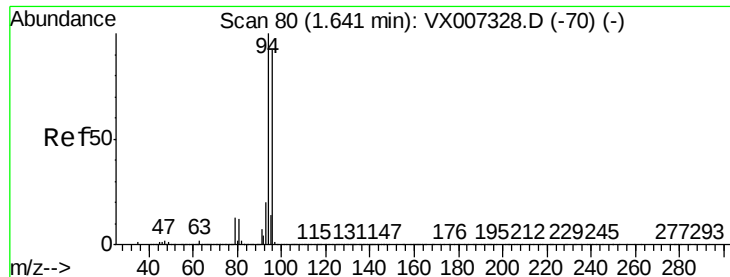
100

0

Time-->

1.18 1.20 1.22





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

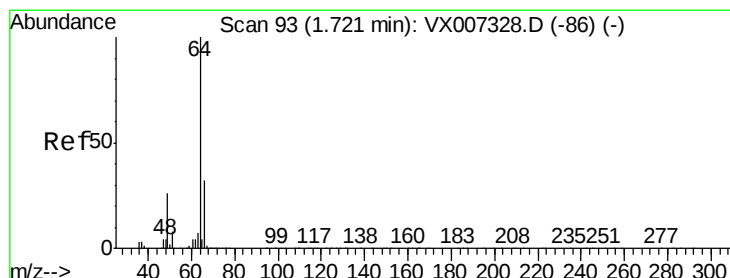
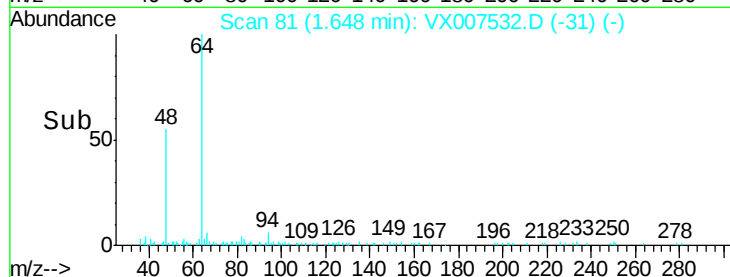
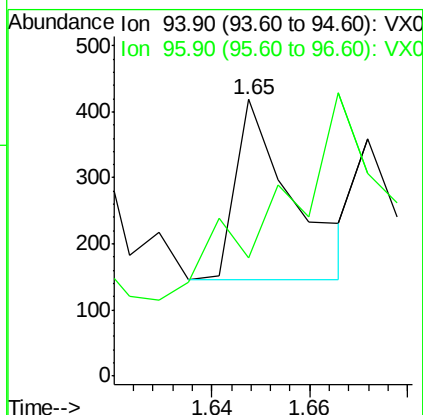
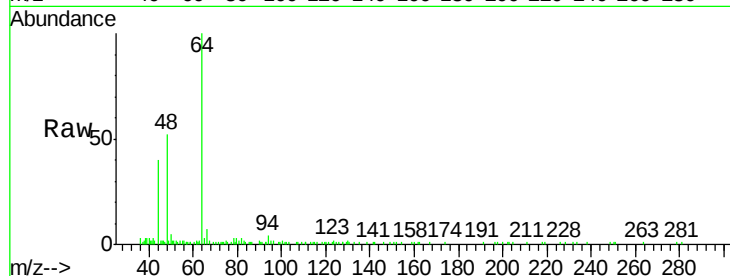
MW-2-20190208

Tot Ion: 94 Resp: 220

Ion Ratio Lower Upper

94 100

96 13.2 73.9 110.9#



#6

Chloroethane

Concen: 0.465 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007532.D

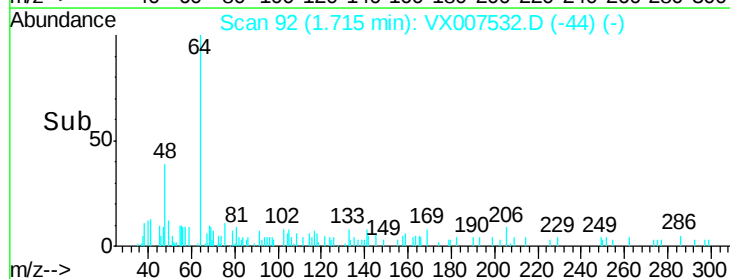
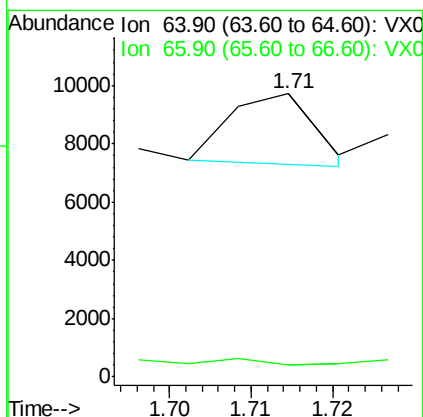
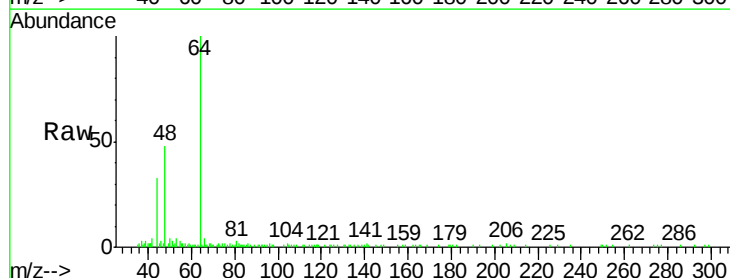
Acq: 13 Feb 2019 20:30

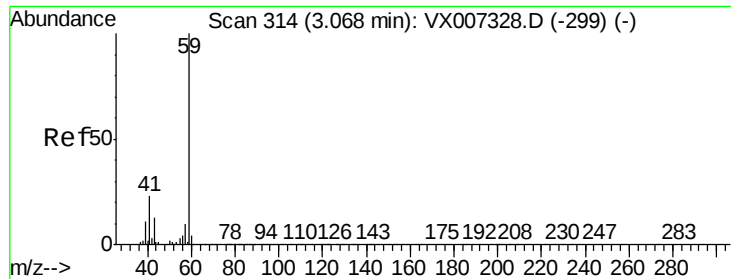
Tgt Ion: 64 Resp: 1703

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



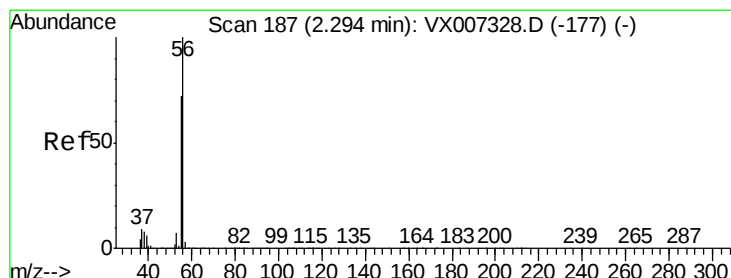
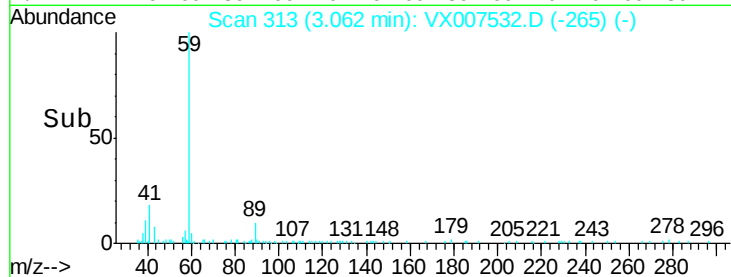
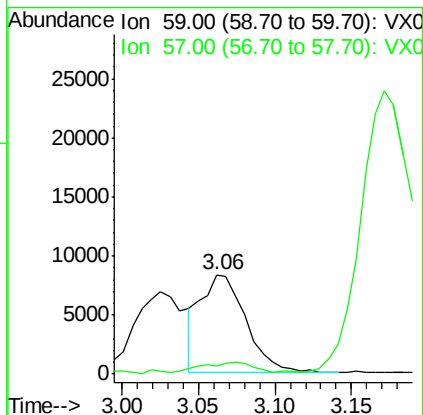
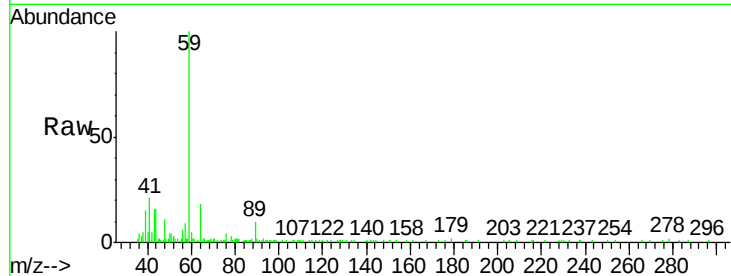


#11

Tert butyl alcohol
 Concen: 15.189 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007532.D
 Acq: 13 Feb 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20190208

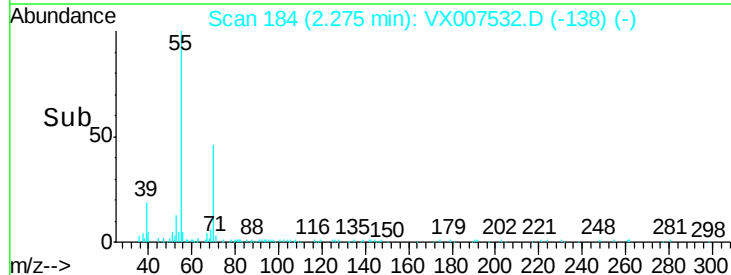
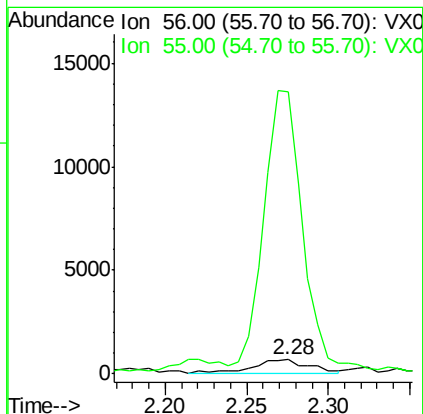
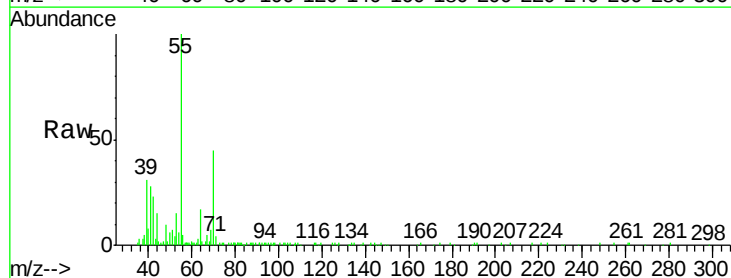
Tot Ion: 59 Resp: 17092
 Ion Ratio Lower Upper
 59 100
 57 16.1 8.1 12.1#

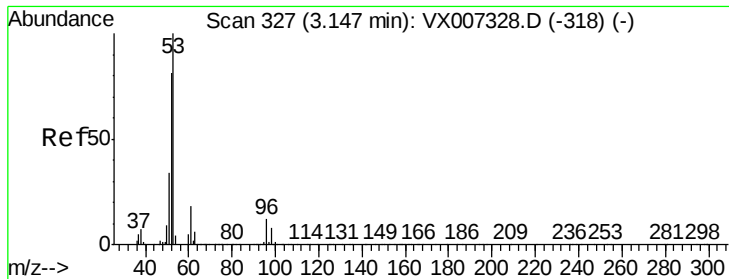


#13

Acrolein
 Concen: 3.305 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX007532.D
 Acq: 13 Feb 2019 20:30

Tgt Ion: 56 Resp: 1744
 Ion Ratio Lower Upper
 56 100
 55 1267.5 56.9 85.3#





#15

Acrylonitrile

Concen: 1.049 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208

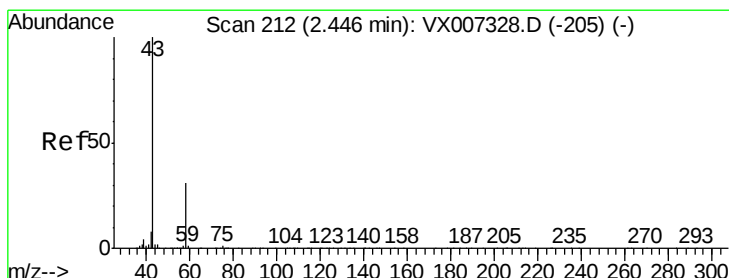
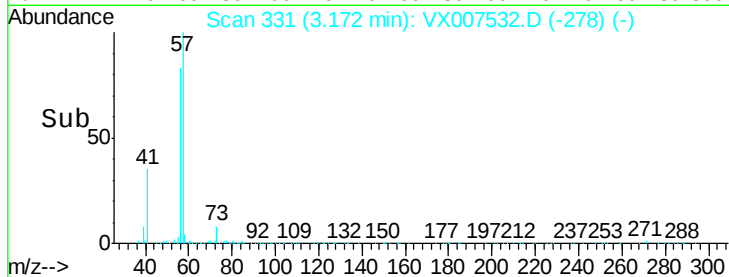
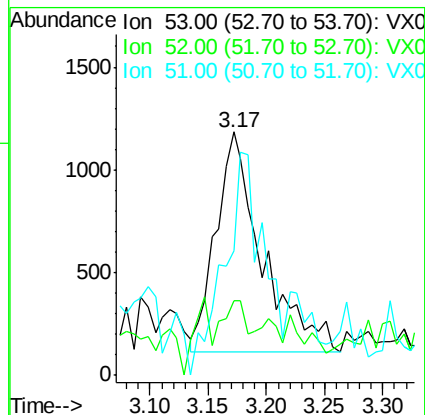
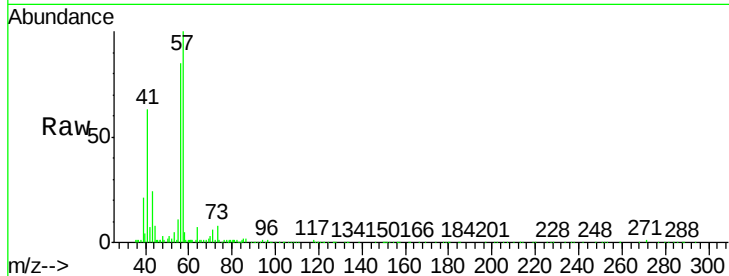
Tot Ion: 53 Resp: 2921

Ion Ratio Lower Upper

53 100

52 8.3 66.4 99.6#

51 86.9 28.4 42.6#



#16

Acetone

Concen: 10.794 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007532.D

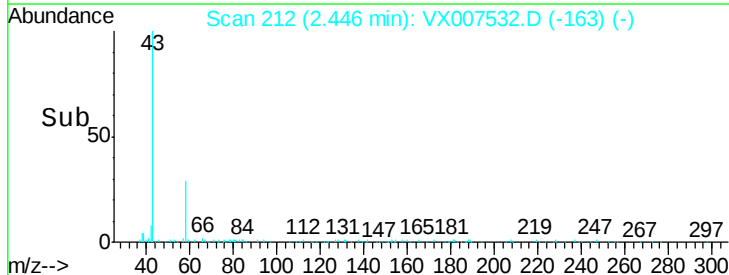
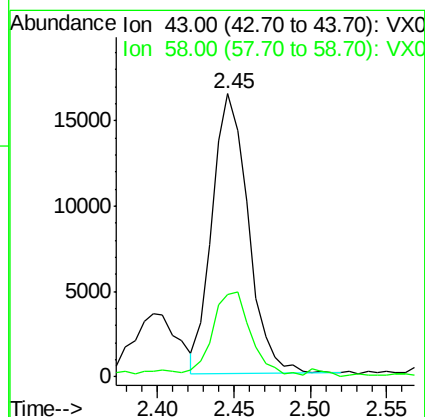
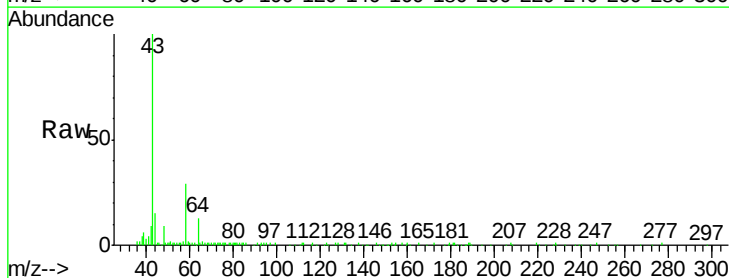
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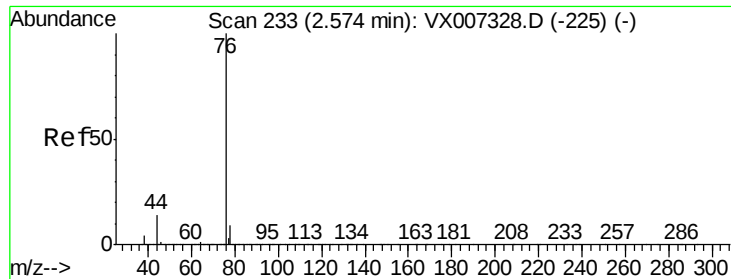
Tgt Ion: 43 Resp: 26885

Ion Ratio Lower Upper

43 100

58 29.2 24.9 37.3

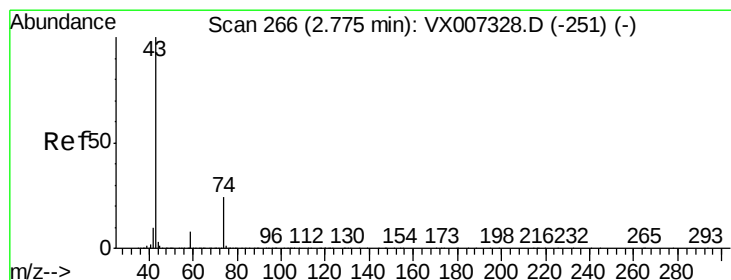
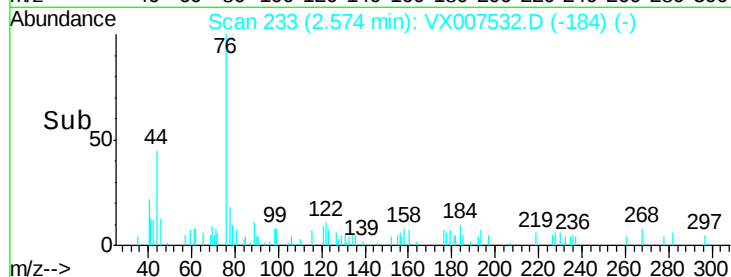
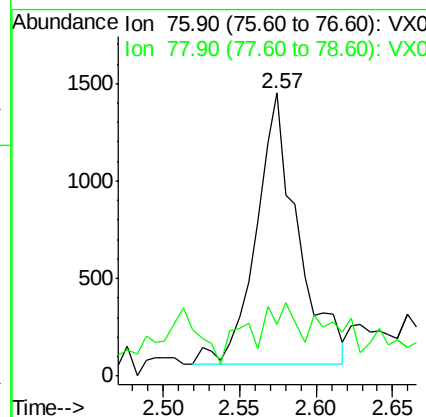
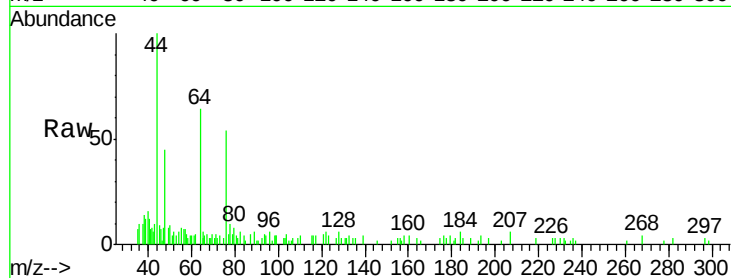




#17
Carbon Disulfide
Concen: 2.319 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

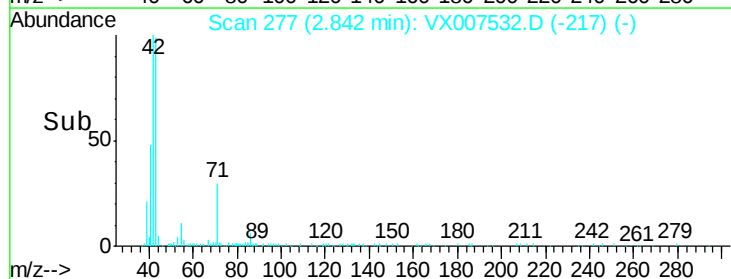
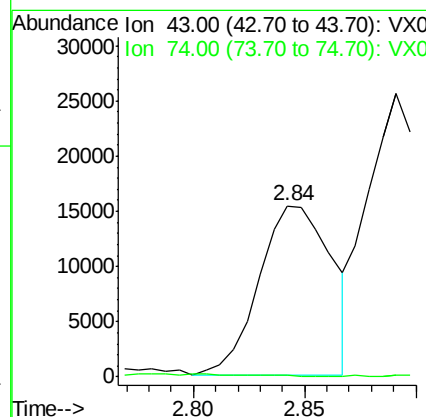
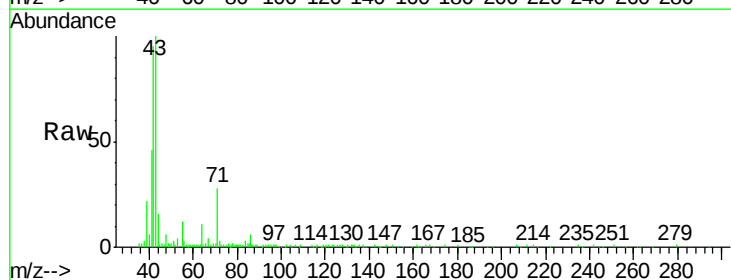
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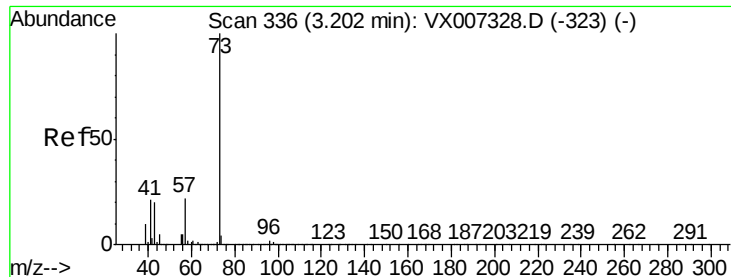
Tot Ion: 76 Resp: 2643
Ion Ratio Lower Upper
76 100
78 2.9 7.1 10.7#



#18
Methyl Acetate
Concen: 5.868 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion: 43 Resp: 34643
Ion Ratio Lower Upper
43 100
74 0.3 19.4 29.2#

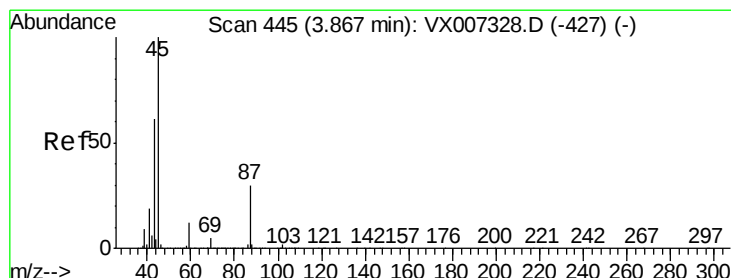
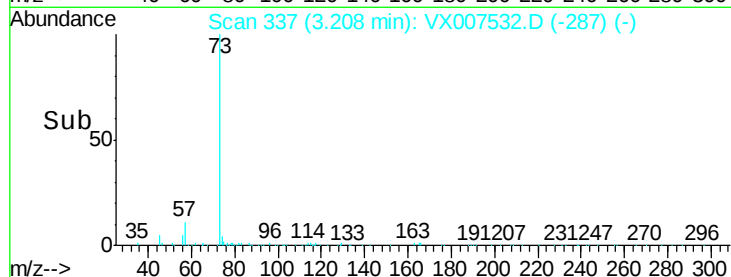
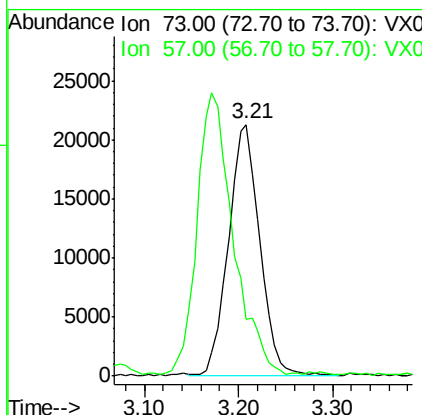
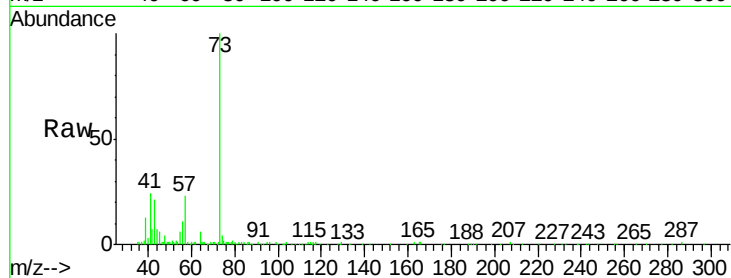




#19
Methyl tert-butyl Ether
Concen: 3.093 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

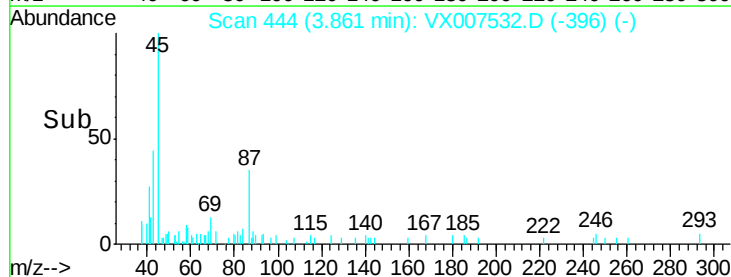
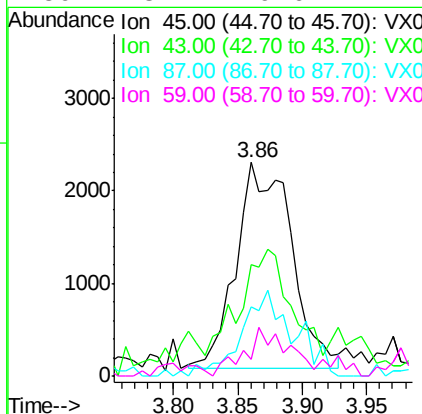
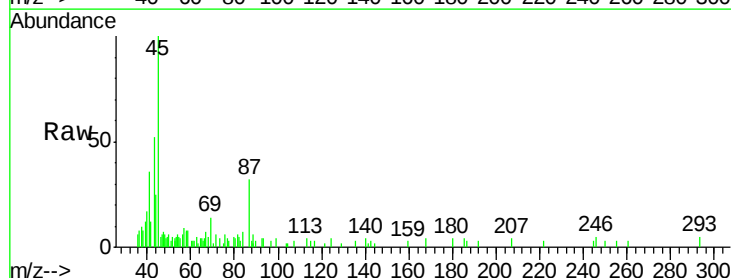
Instrument :
MSVOA_X
ClientSampleId :
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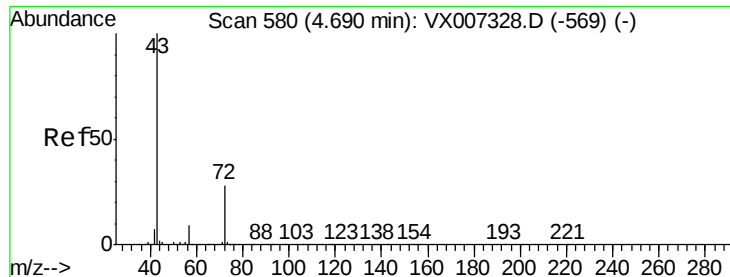
Tot Ion: 73 Resp: 49011
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#22
Diisopropyl ether
Concen: 0.453 ug/l
RT: 3.86 min Scan# 444
Delta R.T. -0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion: 45 Resp: 6646
Ion Ratio Lower Upper
45 100
43 32.6 48.9 73.3#
87 34.2 23.9 35.9
59 3.4 9.6 14.4#





#25

2-Butanone

Concen: 2.859 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

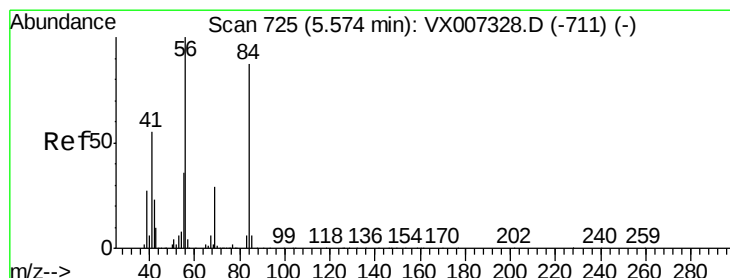
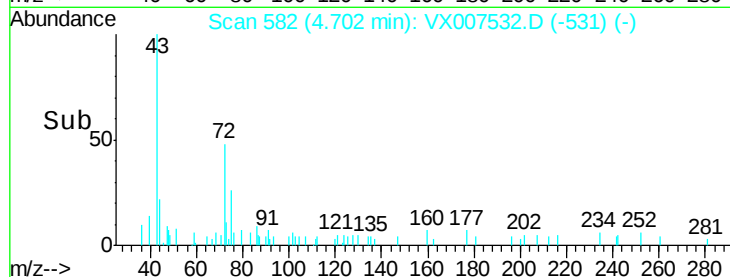
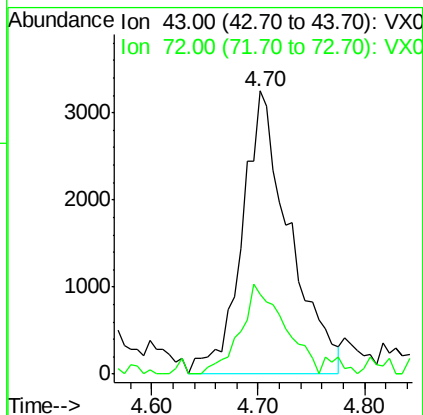
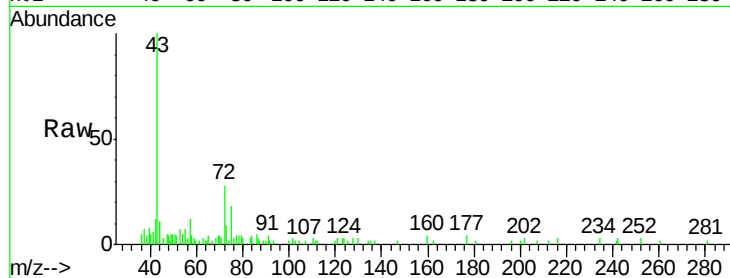
MW-2-20190208

Tot Ion: 43 Resp: 10133

Ion Ratio Lower Upper

43 100

72 24.8 22.2 33.2



#31

Cyclohexane

Concen: 7.058 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

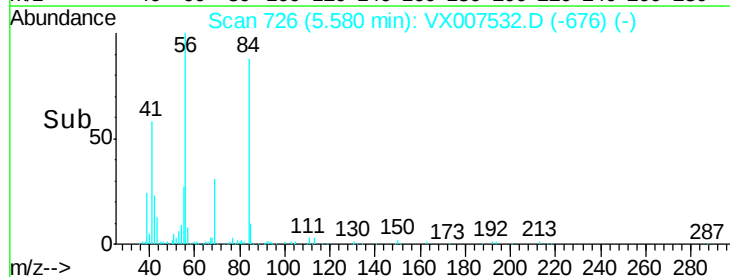
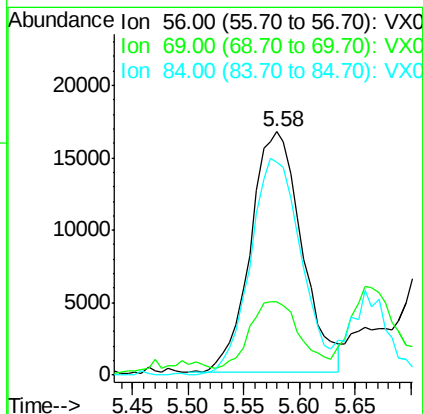
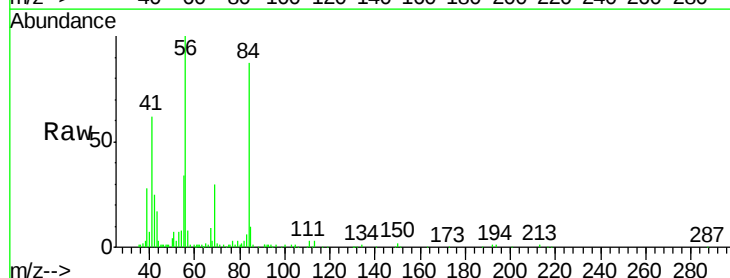
Tgt Ion: 56 Resp: 53367

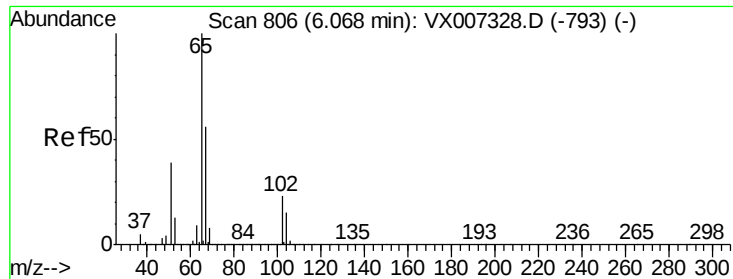
Ion Ratio Lower Upper

56 100

69 26.0 23.0 34.6

84 88.5 69.8 104.6





#33

1,2-Dichloroethane-d4

Concen: 51.290 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

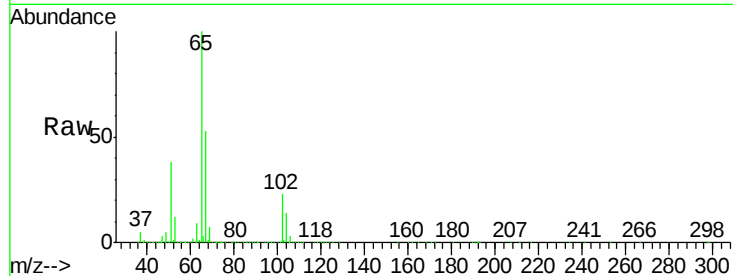
MW-2-20190208

Tot Ion: 65 Resp: 278888

Ion Ratio Lower Upper

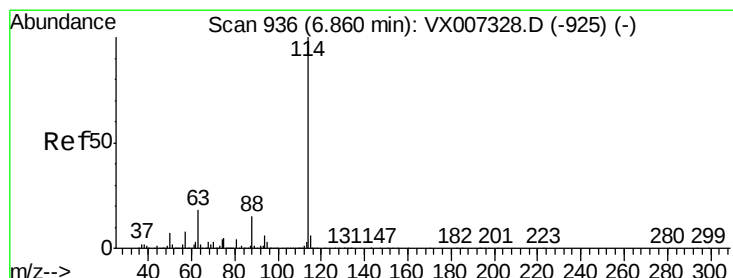
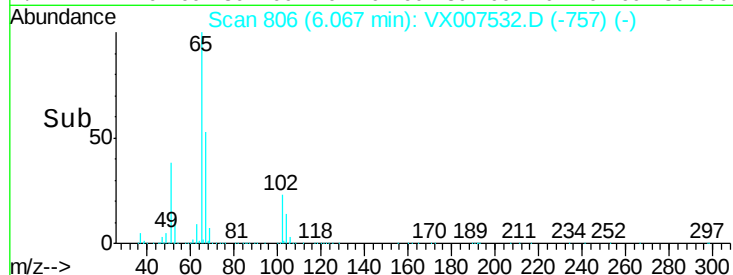
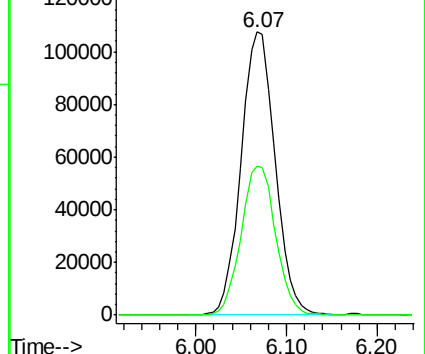
65 100

67 53.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

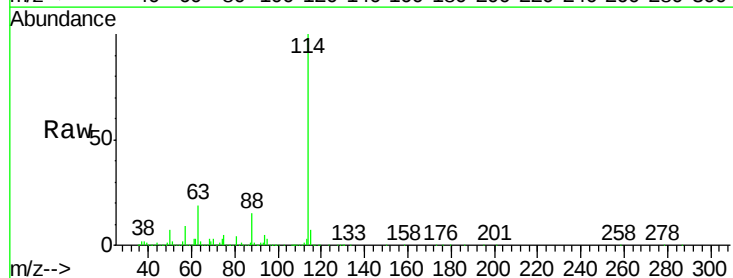
Tgt Ion: 114 Resp: 806240

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

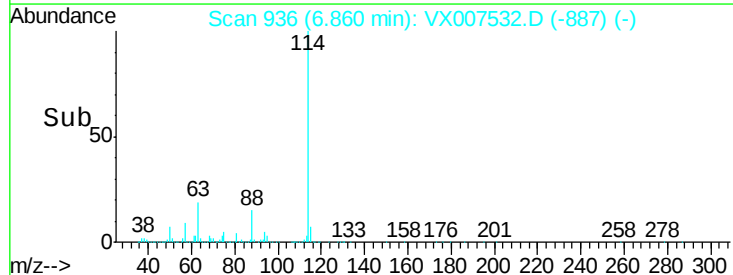
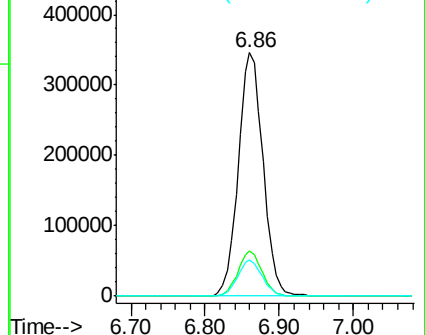
88 15.0 0.0 29.6

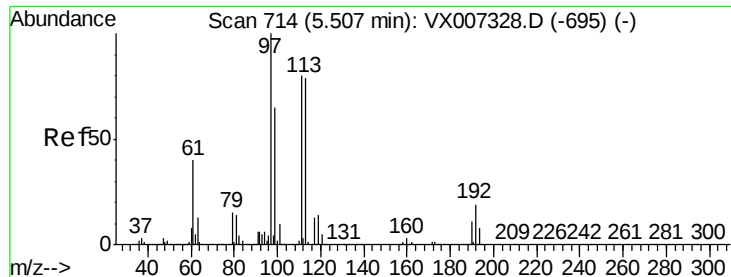


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.407 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208

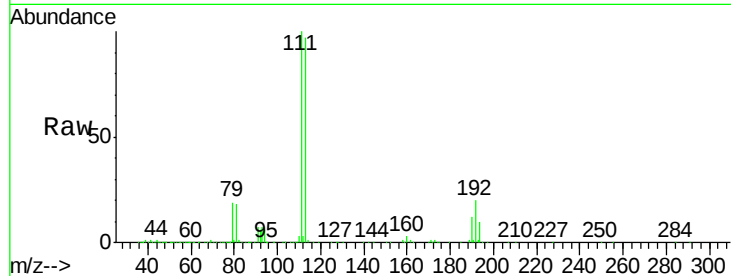
Tot Ion:113 Resp: 259184

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

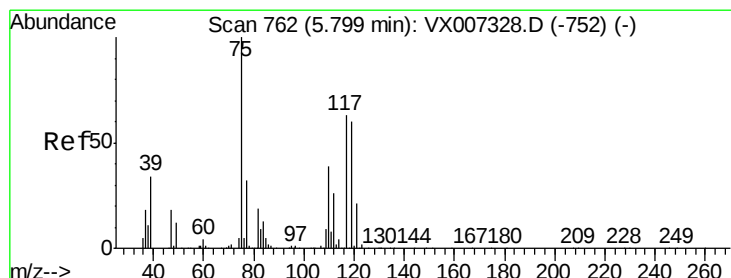
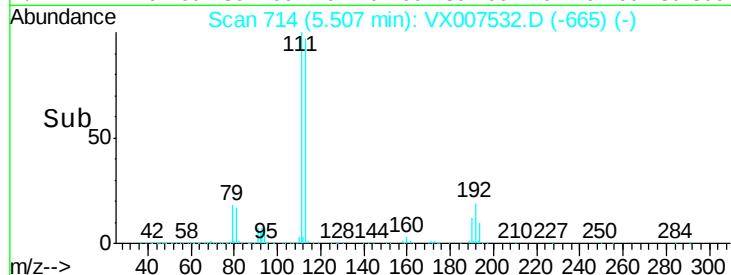
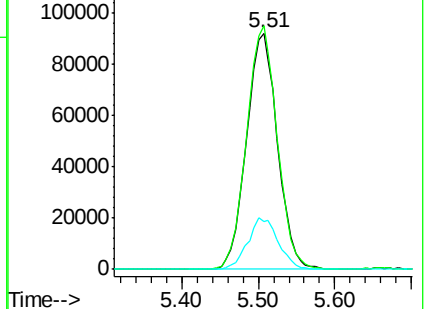
192 21.6 18.5 27.7



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: 4.626 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

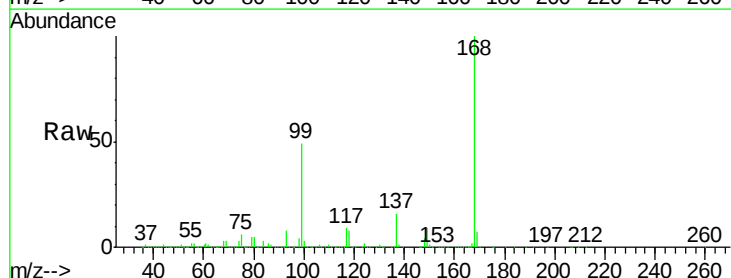
Tgt Ion: 75 Resp: 33467

Ion Ratio Lower Upper

75 100

110 10.6 20.0 59.9#

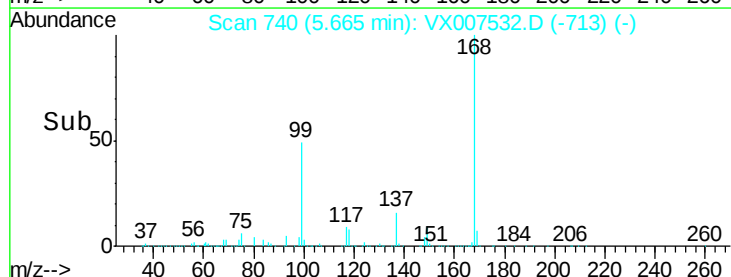
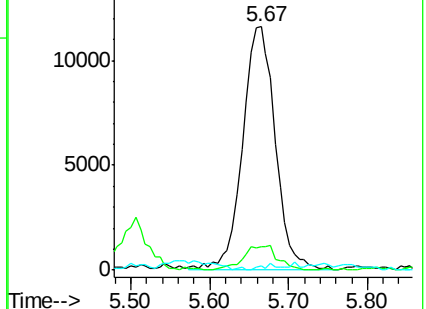
77 1.2 24.7 37.1#

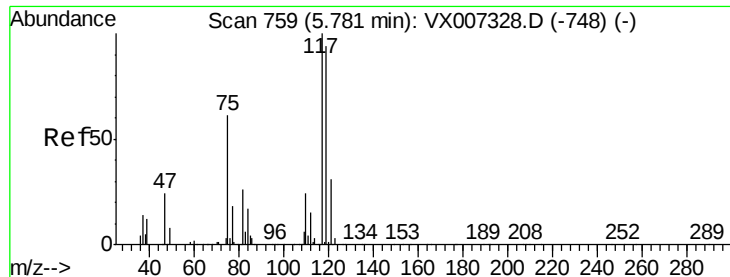


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.479 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208

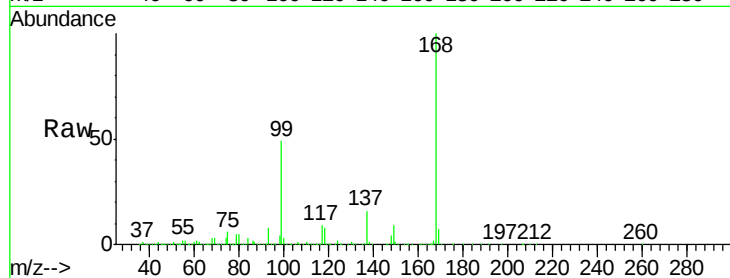
Tot Ion:117 Resp: 45472

Ion Ratio Lower Upper

117 100

119 3.1 75.3 112.9#

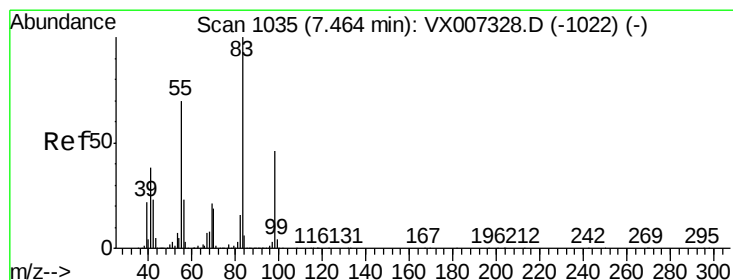
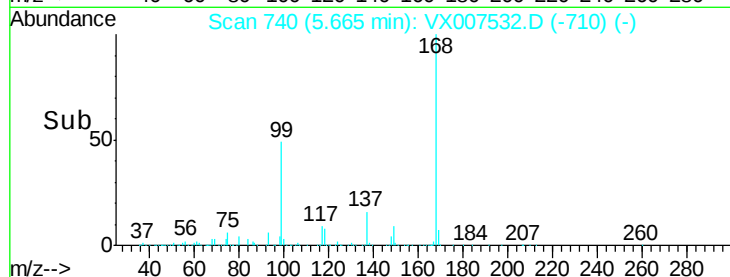
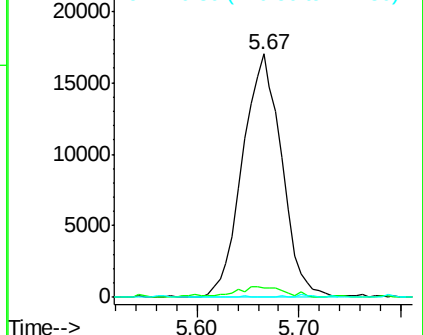
121 0.0 25.0 37.4#



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: 7.306 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

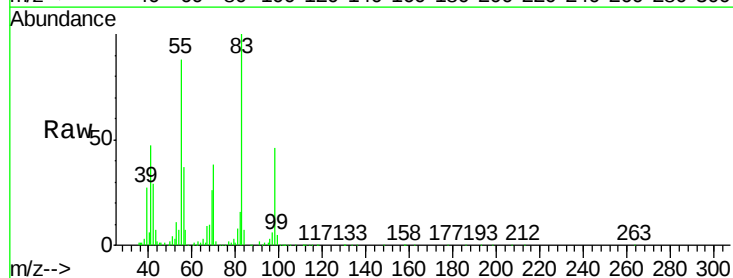
Tgt Ion: 83 Resp: 63948

Ion Ratio Lower Upper

83 100

55 87.6 56.2 84.2#

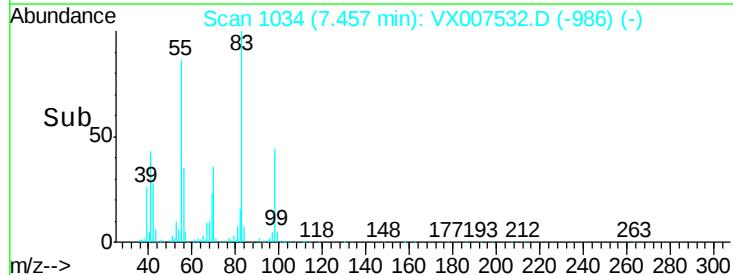
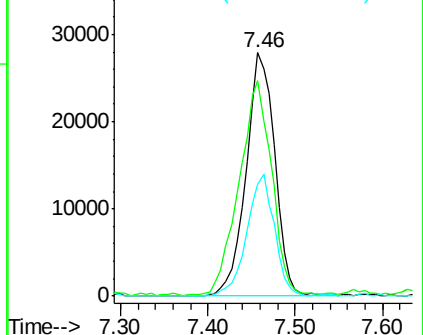
98 45.6 36.8 55.2

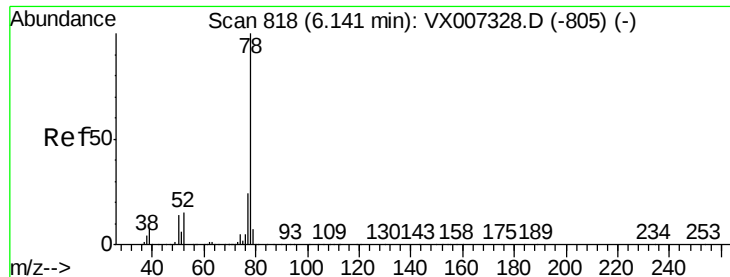


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 7.887 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

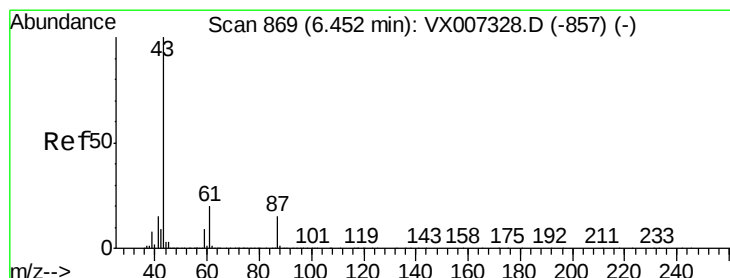
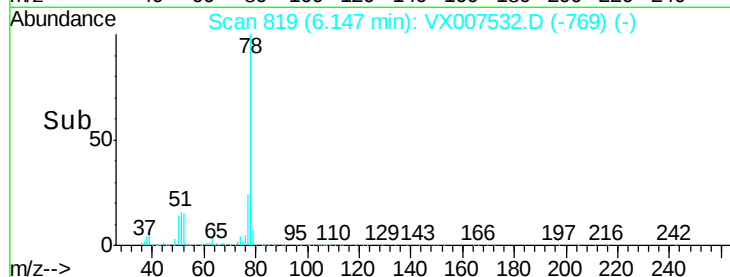
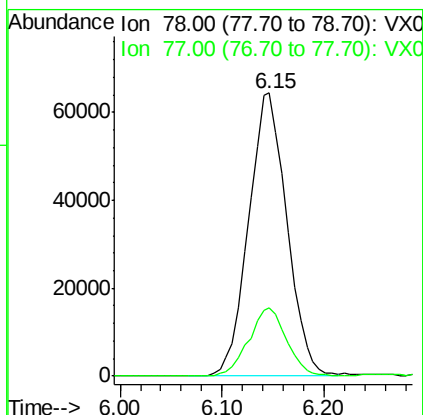
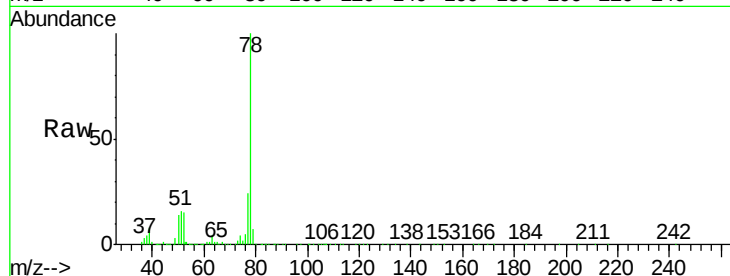
MW-2-20190208

Tot Ion: 78 Resp: 168064

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



#43

Isopropyl Acetate

Concen: 0.254 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

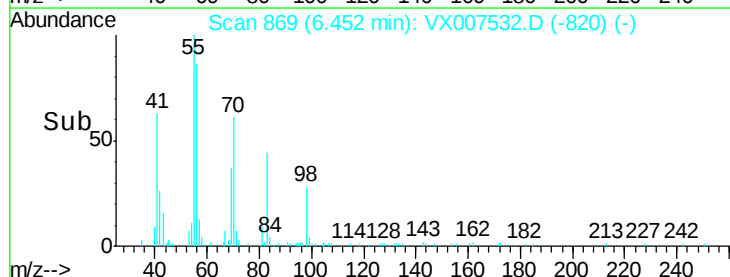
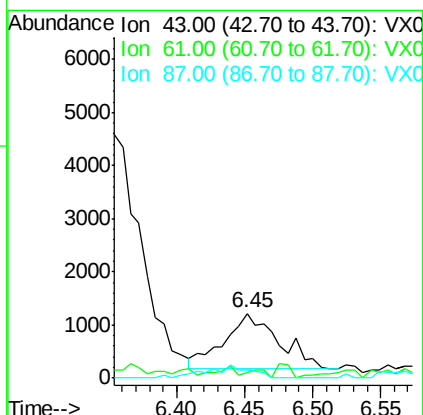
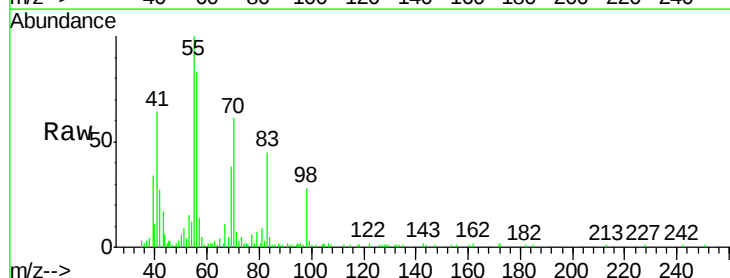
Tgt Ion: 43 Resp: 2866

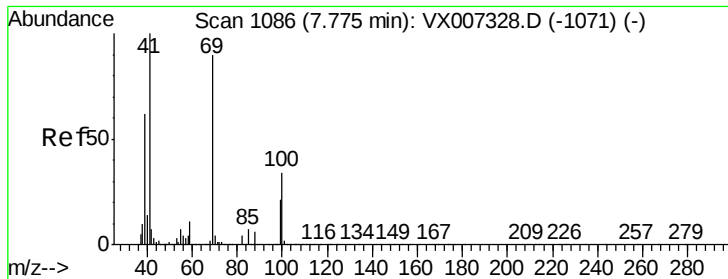
Ion Ratio Lower Upper

43 100

61 6.6 16.1 24.1#

87 19.2 11.5 17.3#

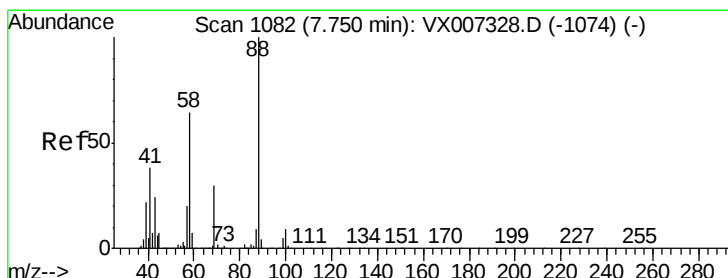
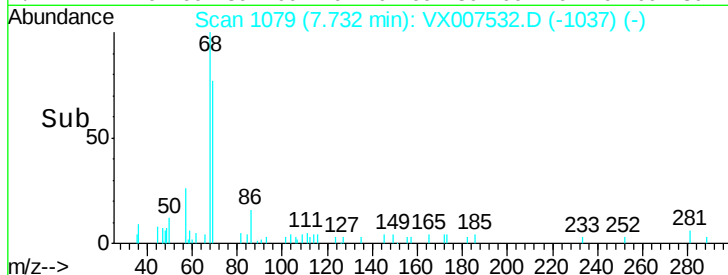
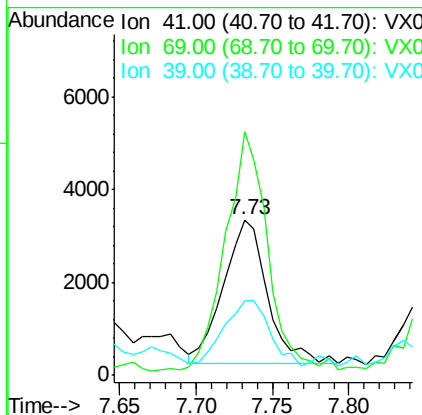
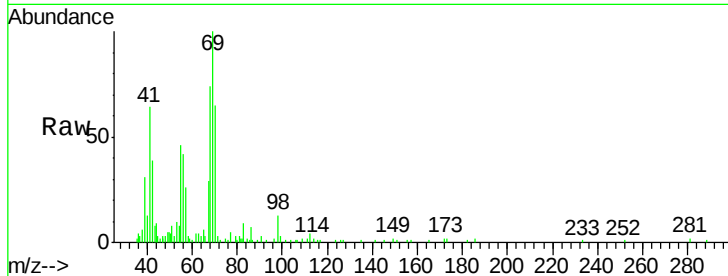




#48
Methvl methacrylate
Concen: 1.083 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

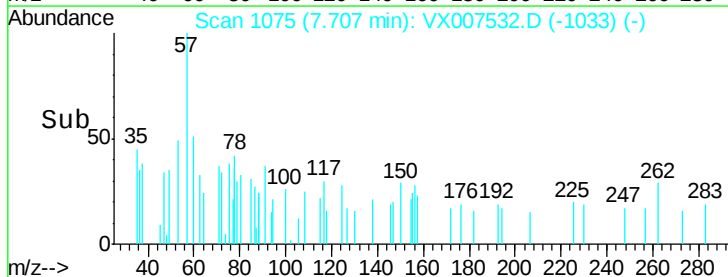
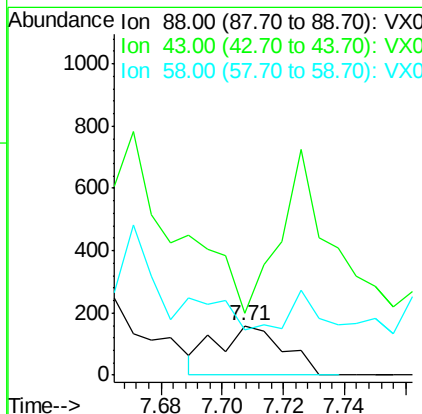
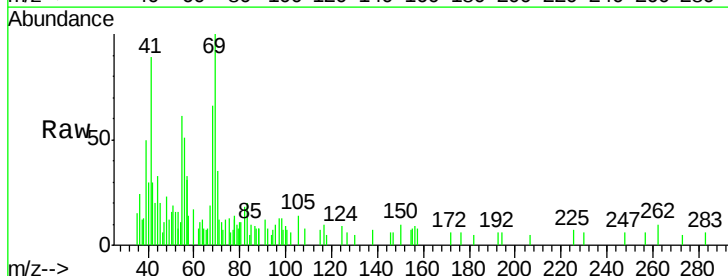
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

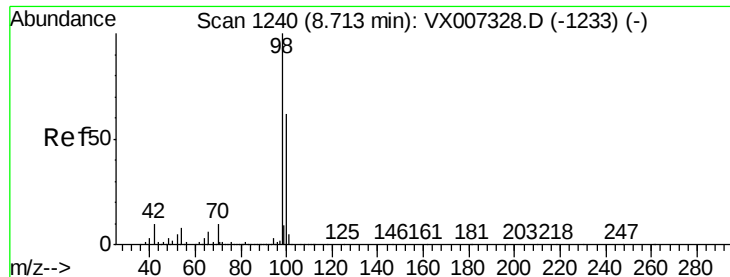
Tot Ion: 41 Resp: 6115
Ion Ratio Lower Upper
41 100
69 163.4 70.2 105.4#
39 47.3 47.4 71.0#



#49
1,4-Dioxane
Concen: 8.743 ug/l
RT: 7.71 min Scan# 1075
Delta R.T. -0.04 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion: 88 Resp: 241
Ion Ratio Lower Upper
88 100
43 244.0 24.2 36.4#
58 32.8 53.0 79.4#





#50

Toluene-d8

Concen: 49.681 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

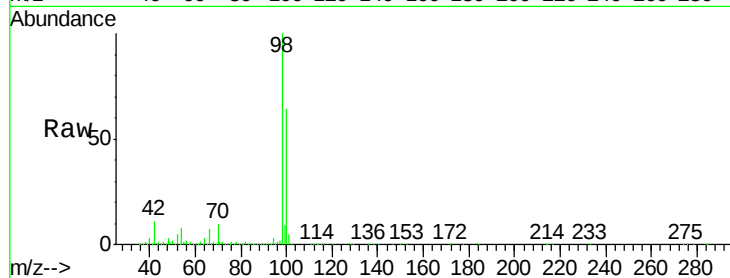
MW-2-20190208

Tot Ion: 98 Resp: 966949

Ion Ratio Lower Upper

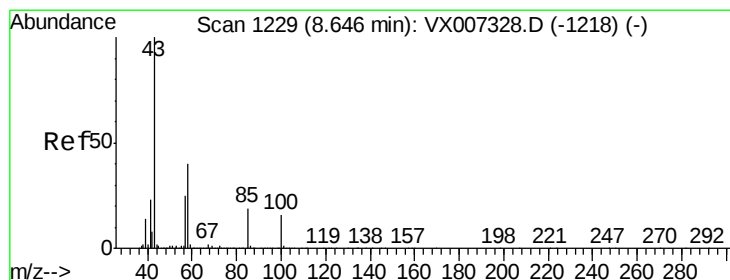
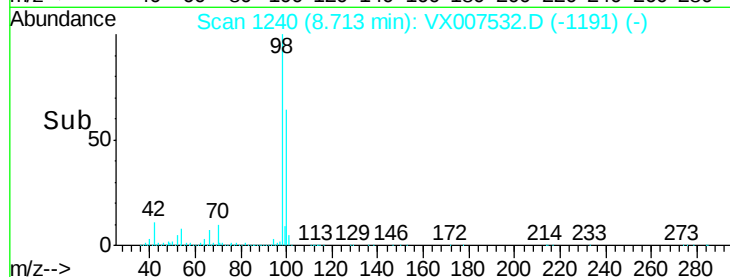
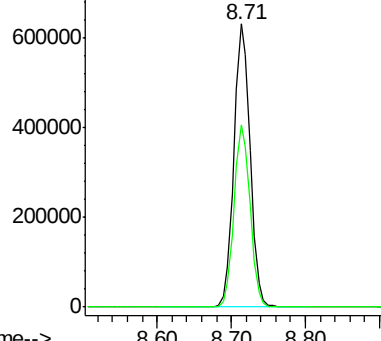
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.866 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007532.D

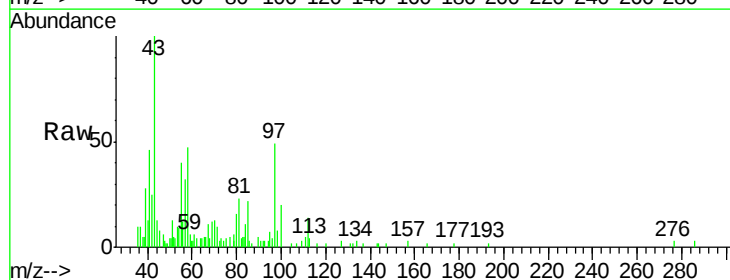
Acq: 13 Feb 2019 20:30

Tgt Ion: 43 Resp: 6433

Ion Ratio Lower Upper

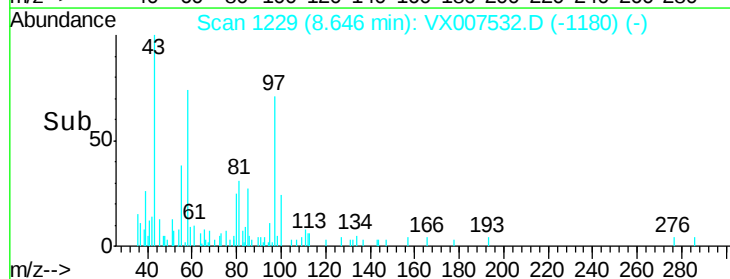
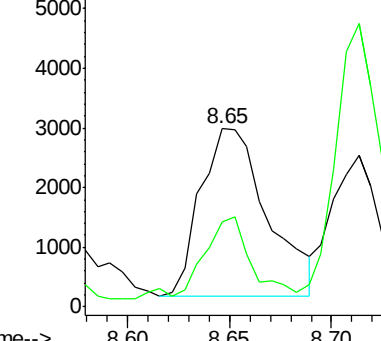
43 100

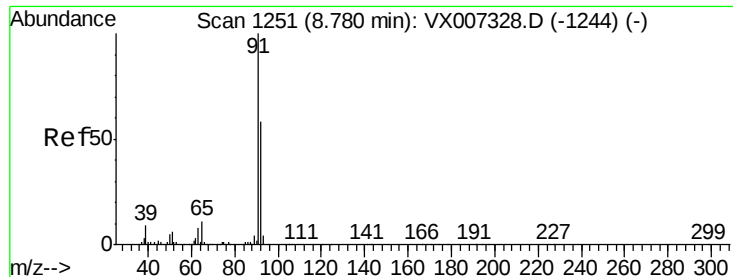
58 44.5 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.555 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

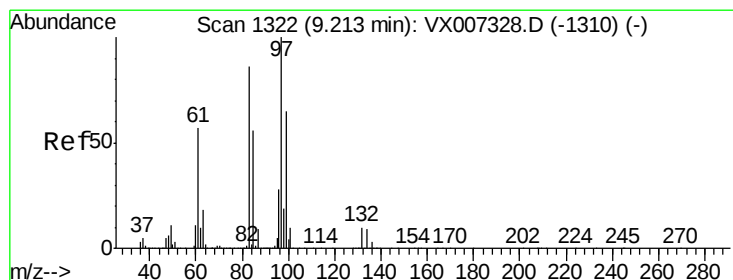
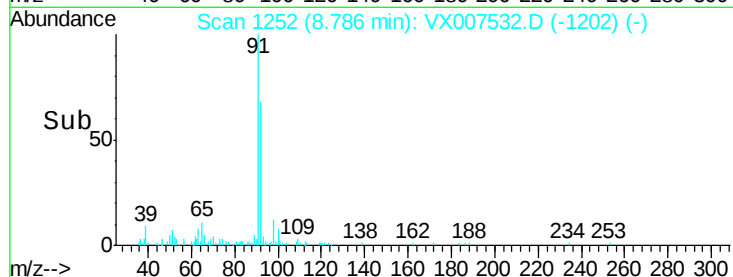
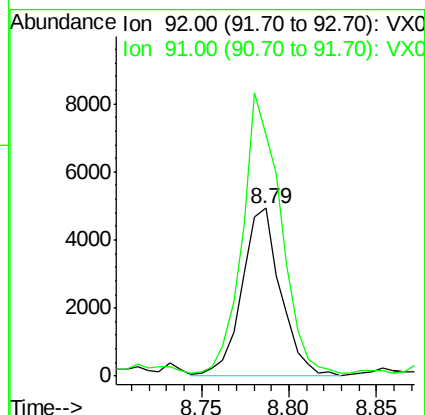
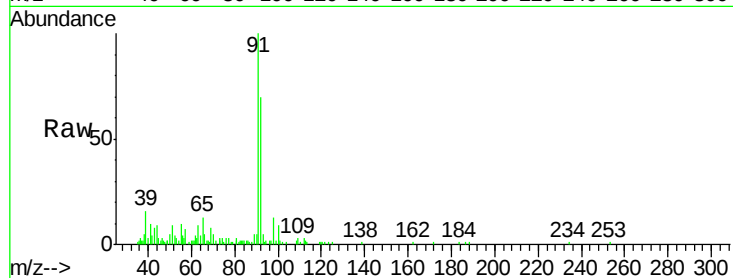
MW-2-20190208

Tot Ion: 92 Resp: 7635

Ion Ratio Lower Upper

92 100

91 164.6 139.1 208.7



#55

1,1,2-Trichloroethane

Concen: 2.539 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Tgt Ion: 97 Resp: 14551

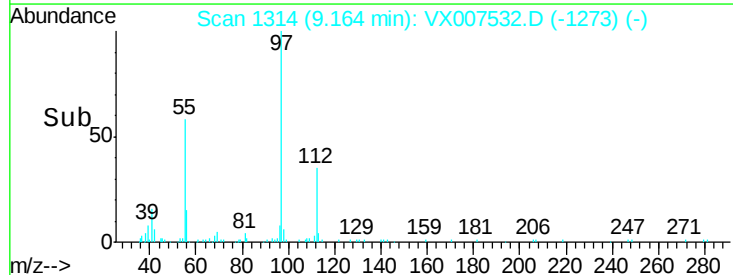
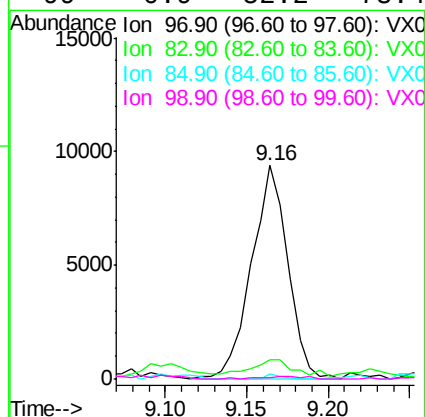
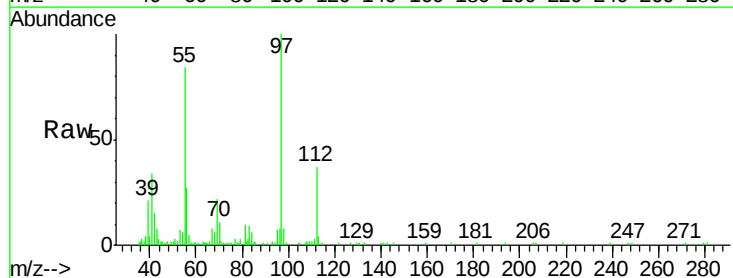
Ion Ratio Lower Upper

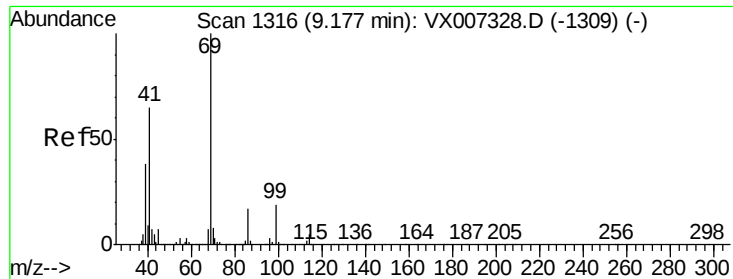
97 100

83 6.6 68.6 102.8#

85 1.5 44.5 66.7#

99 0.9 52.2 78.4#

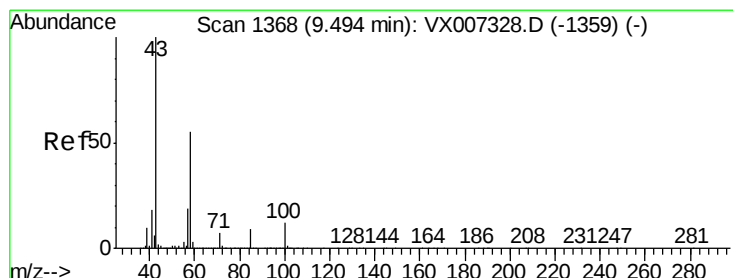
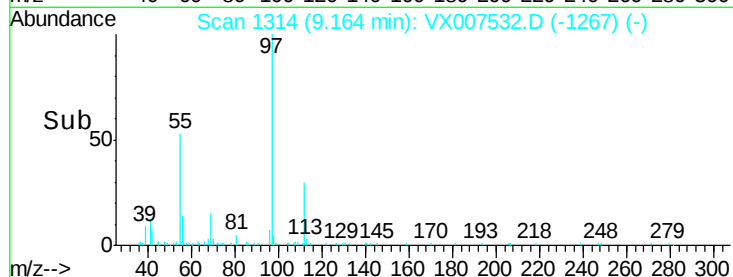
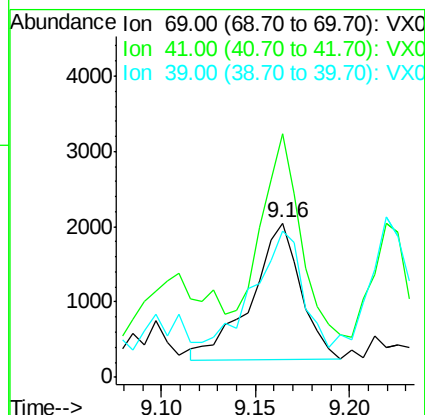
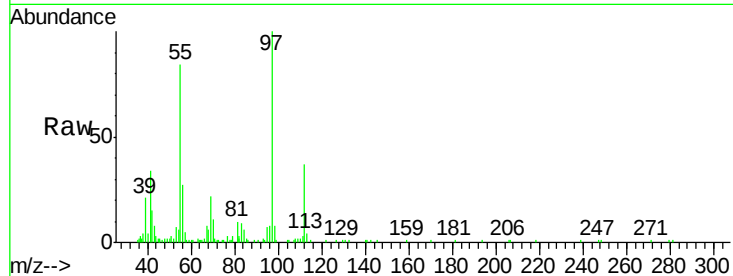




#56
Ethyl methacrylate
Concen: 0.411 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

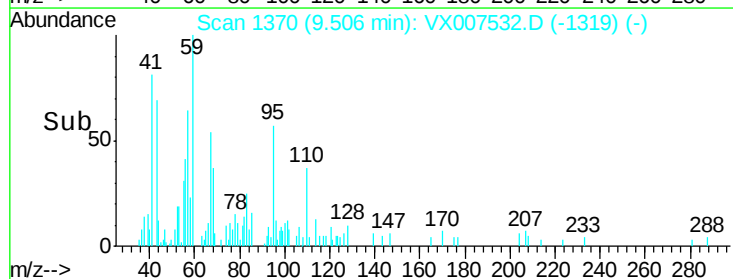
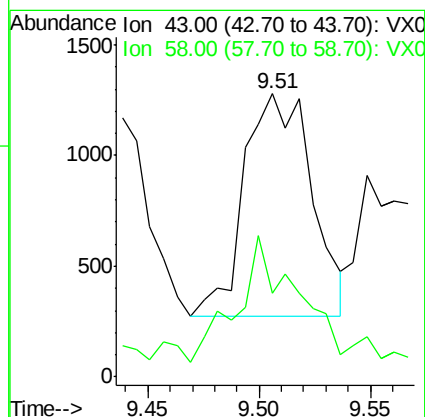
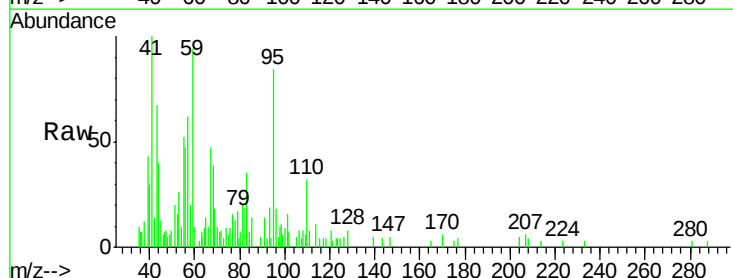
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

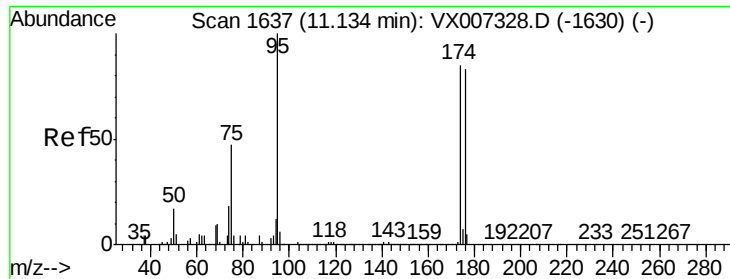
Tot Ion: 69 Resp: 3262
Ion Ratio Lower Upper
69 100
41 125.4 52.1 78.1#
39 80.7 30.1 45.1#



#59
2-Hexanone
Concen: 0.365 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
58 52.1 27.1 81.3

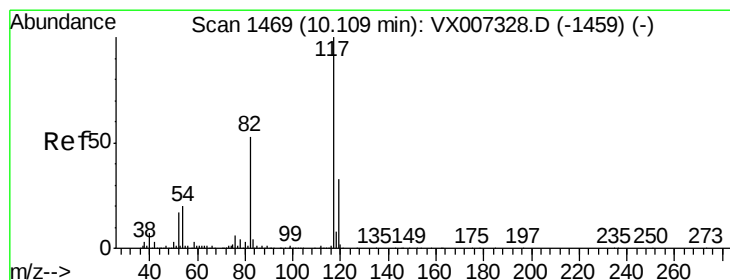
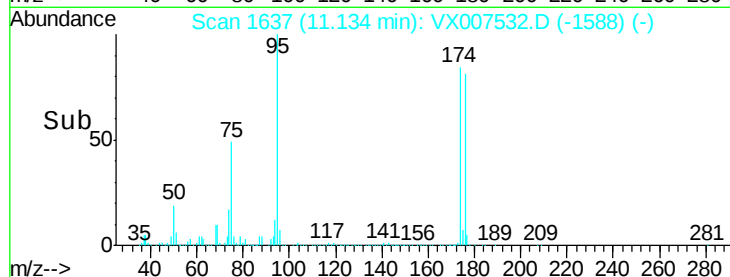
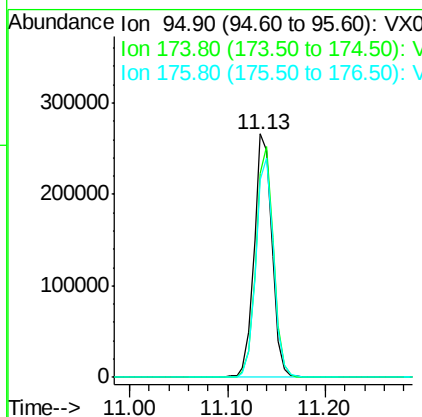
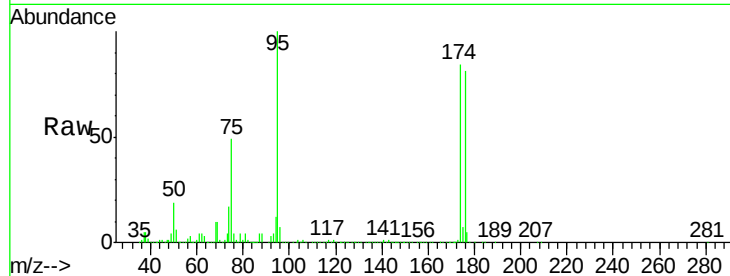




#62
4-Bromofluorobenzene
Concen: 47.277 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

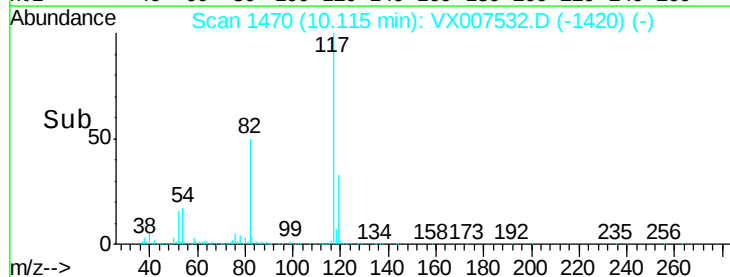
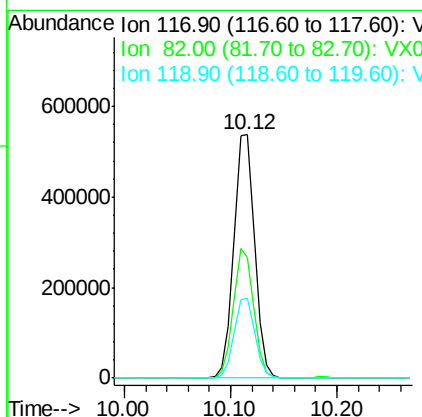
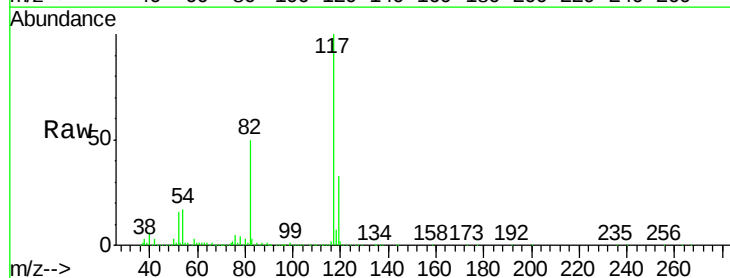
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

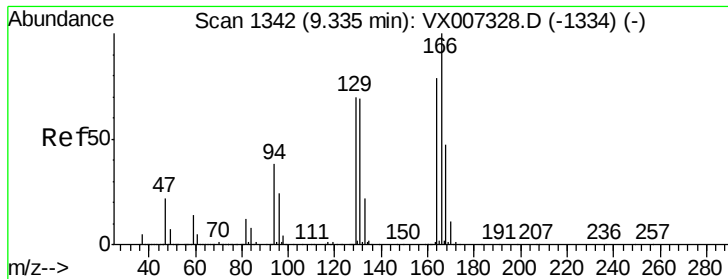
Tot Ion: 95 Resp: 335956
Ion Ratio Lower Upper
95 100
174 92.4 0.0 189.2
176 88.8 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion: 117 Resp: 745078
Ion Ratio Lower Upper
117 100
82 49.7 42.1 63.1
119 32.6 26.5 39.7





#64

Tetrachloroethene

Concen: 0.225 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208

Tot Ion:164 Resp: 1581

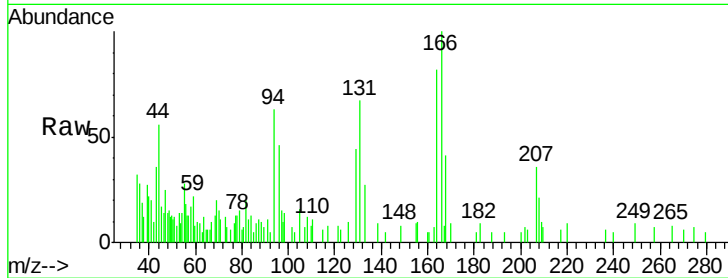
Ion Ratio Lower Upper

164 100

166 121.2 101.0 151.4

129 53.8 70.5 105.7#

131 81.3 69.8 104.6



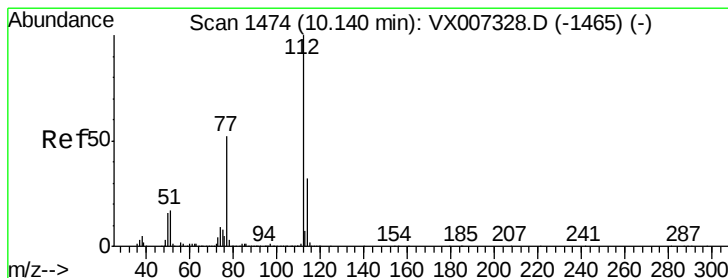
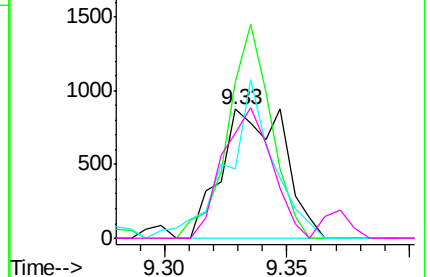
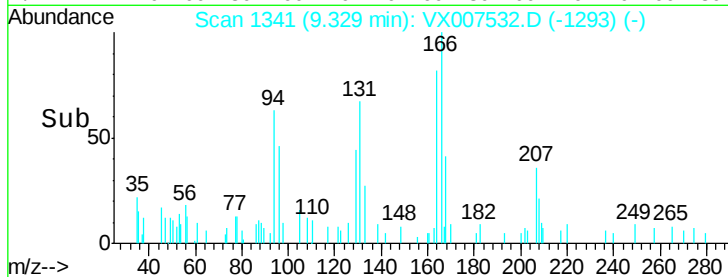
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#65

Chlorobenzene

Concen: 0.830 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007532.D

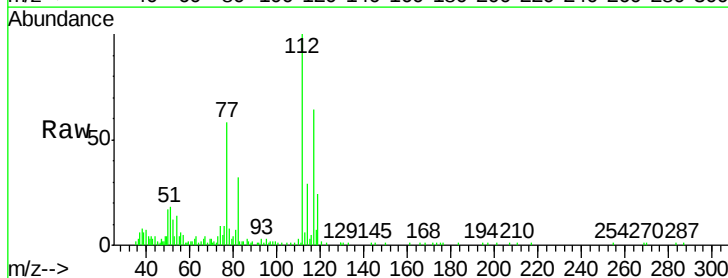
Acq: 13 Feb 2019 20:30

Tgt Ion:112 Resp: 13501

Ion Ratio Lower Upper

112 100

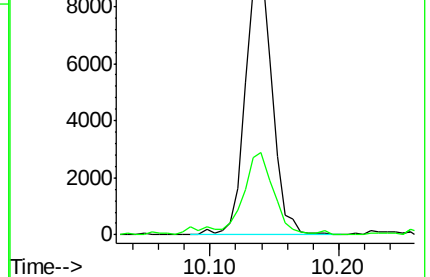
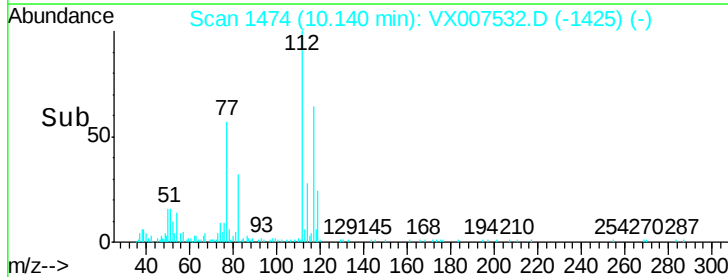
114 29.1 25.8 38.6

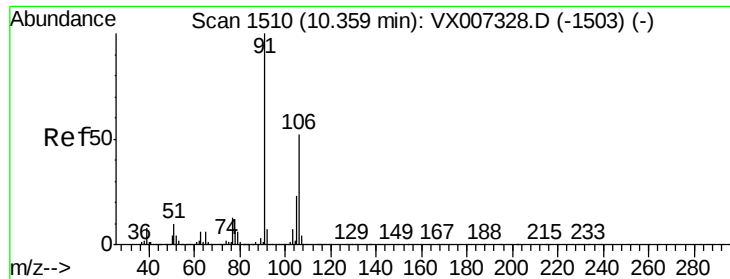


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->





#68

m/p-Xylenes

Concen: 0.661 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

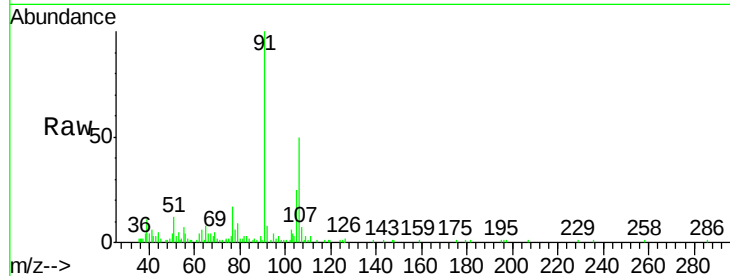
MW-2-20190208

Tot Ion:106 Resp: 6876

Ion Ratio Lower Upper

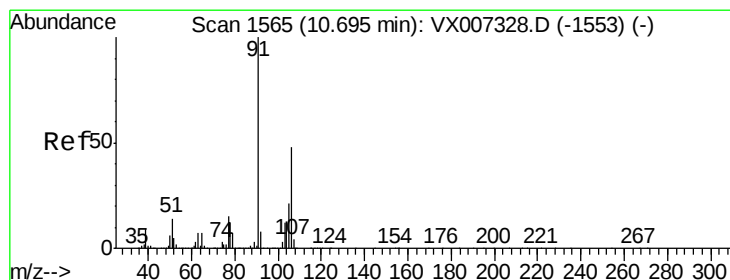
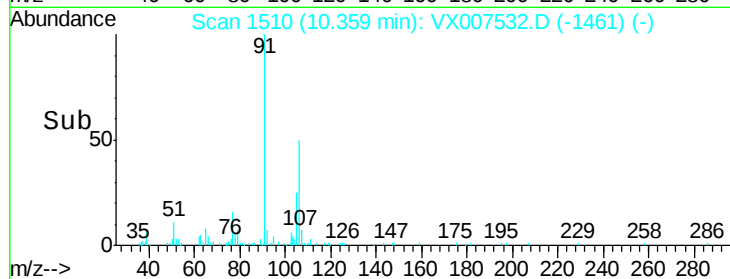
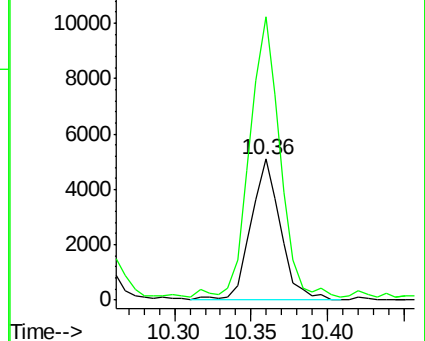
106 100

91 203.5 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.205 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007532.D

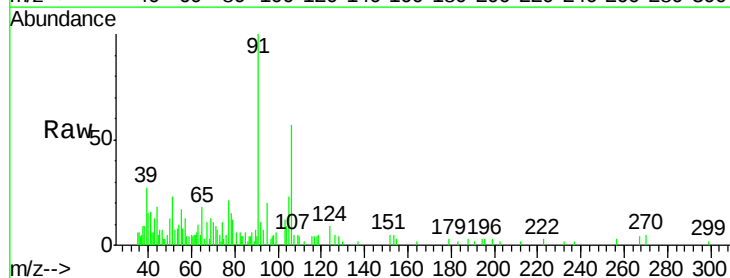
Acq: 13 Feb 2019 20:30

Tgt Ion:106 Resp: 2052

Ion Ratio Lower Upper

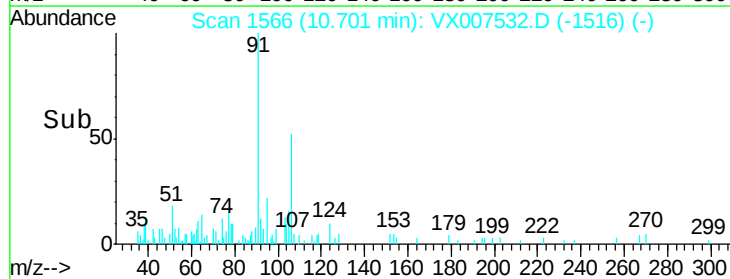
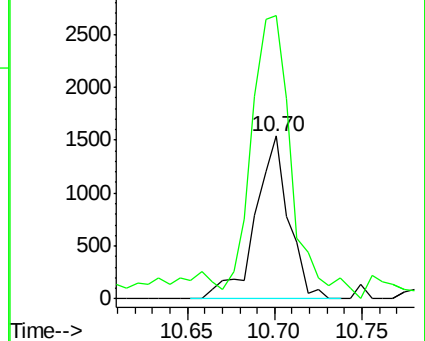
106 100

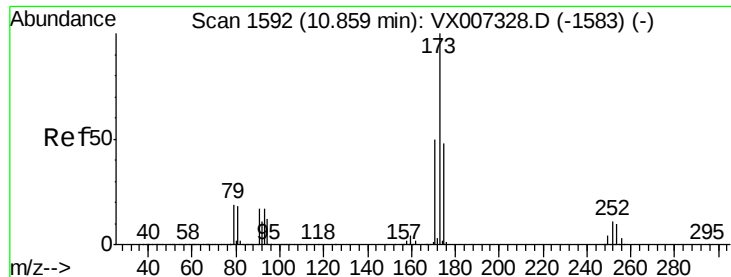
91 209.9 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#71

Bromoform

Concen: 4.046 ug/l

RT: 10.80 min Scan# 1583

Delta R.T. -0.05 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20190208

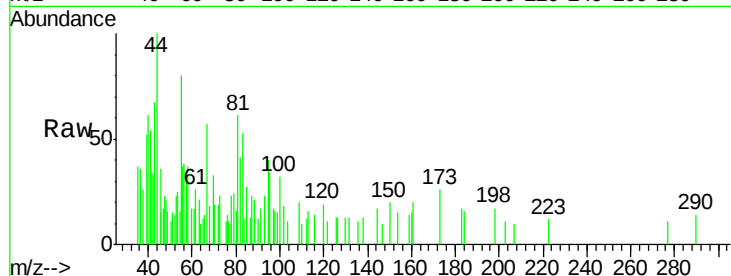
Tot Ion:173 Resp: 86

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

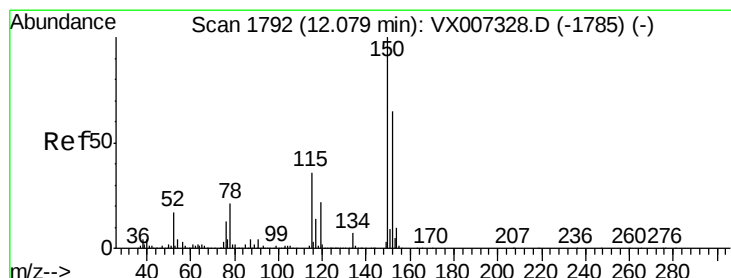
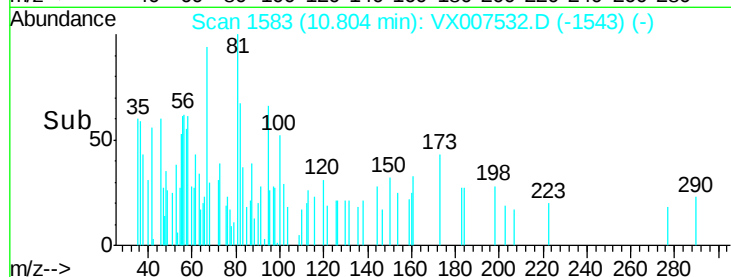
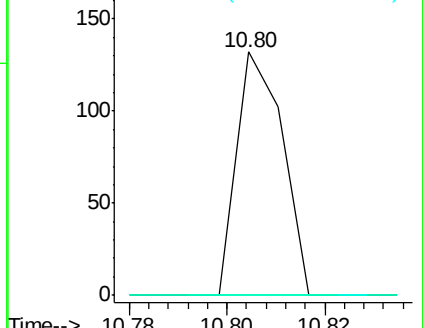
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

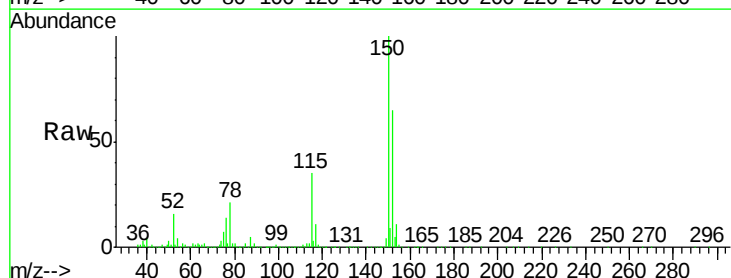
Tgt Ion:152 Resp: 358535

Ion Ratio Lower Upper

152 100

115 54.7 38.0 114.0

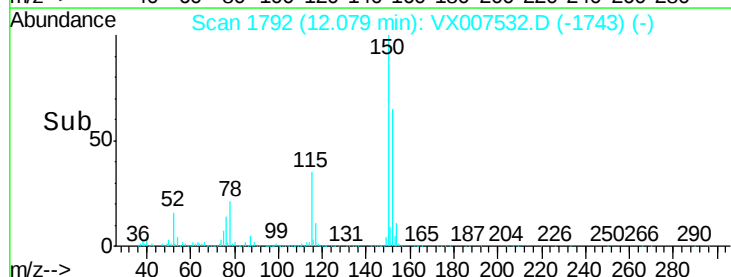
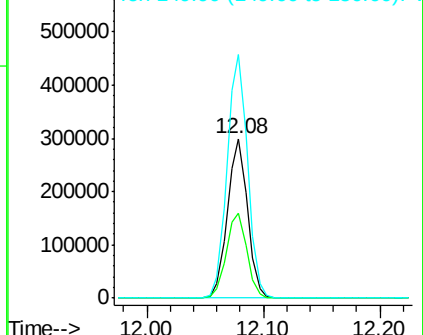
150 155.5 0.0 346.4

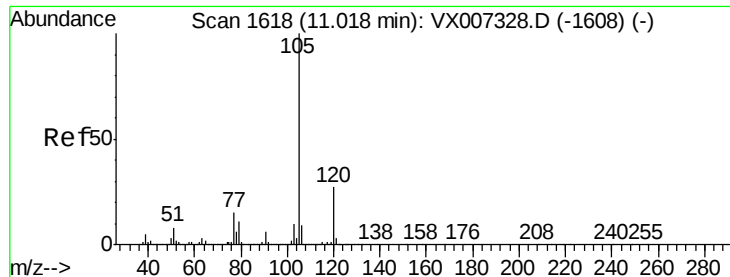


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.501 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

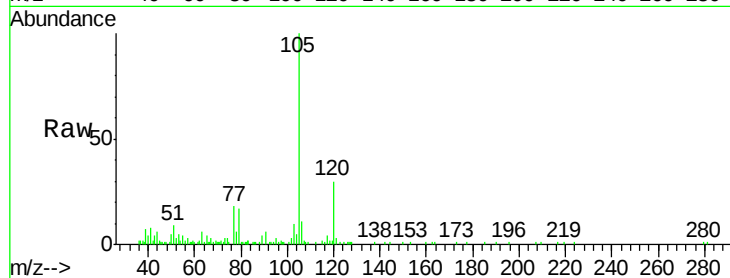
MW-2-20190208

Tot Ion:105 Resp: 12210

Ion Ratio Lower Upper

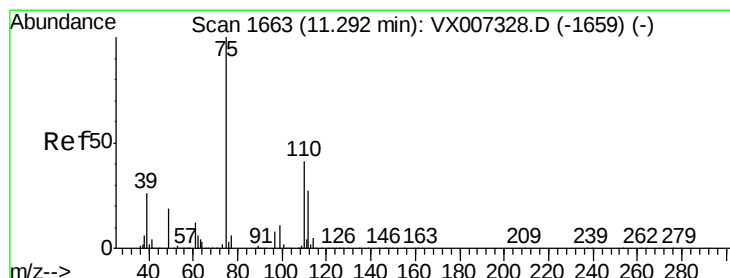
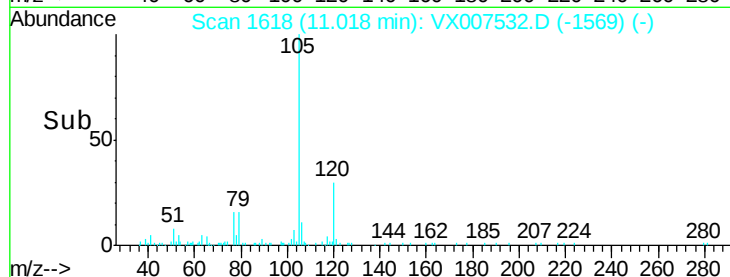
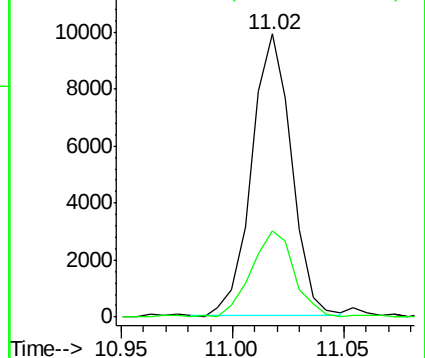
105 100

120 33.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.144 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007532.D

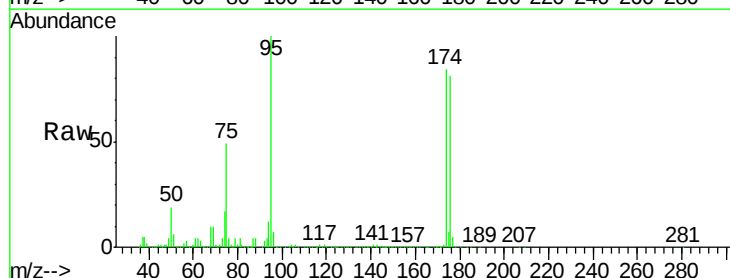
Acq: 13 Feb 2019 20:30

Tgt Ion: 75 Resp: 161405

Ion Ratio Lower Upper

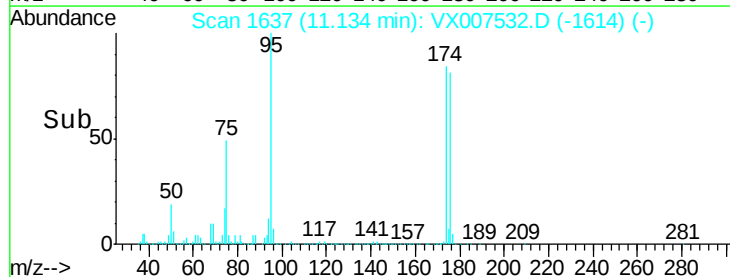
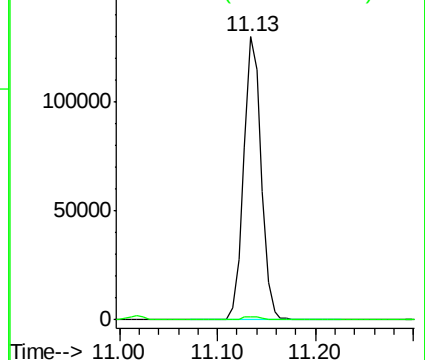
75 100

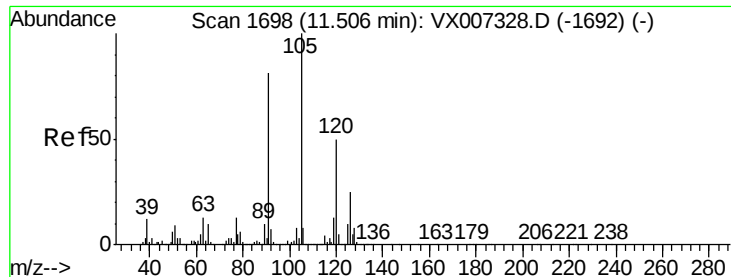
77 1.7 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.233 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

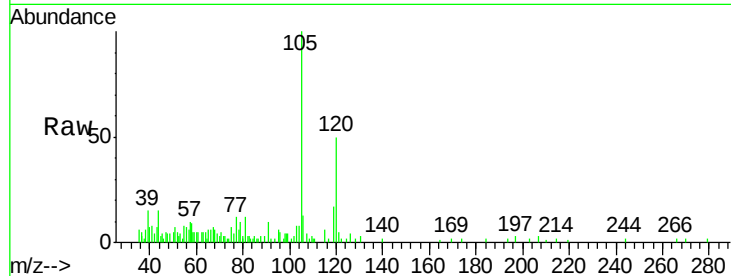
MW-2-20190208

Tot Ion:105 Resp: 4643

Ion Ratio Lower Upper

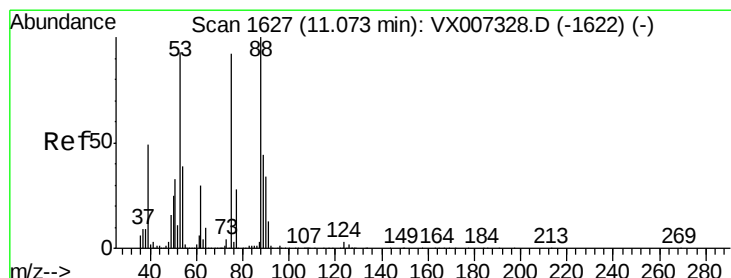
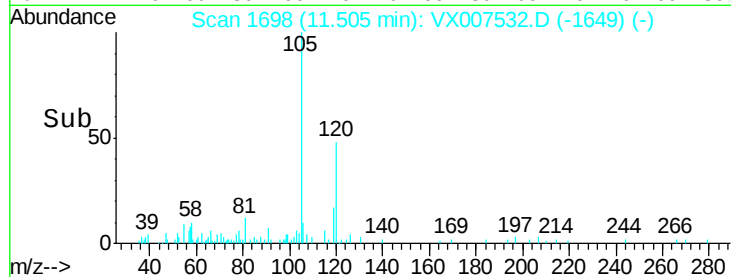
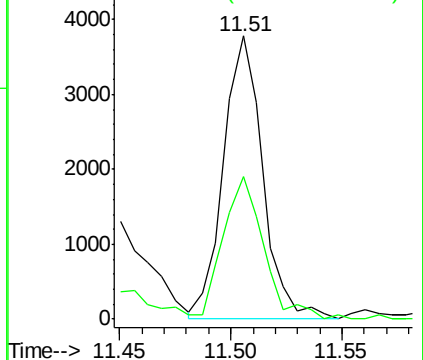
105 100

120 52.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.715 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007532.D

Acq: 13 Feb 2019 20:30

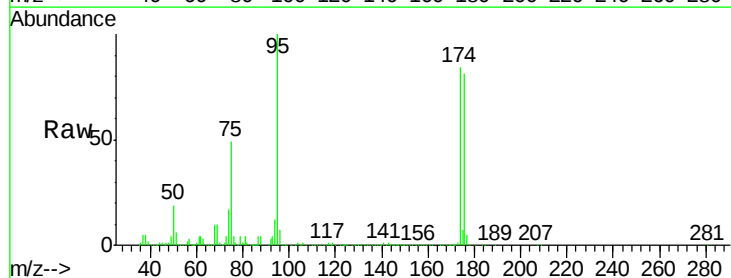
Tgt Ion: 75 Resp: 161405

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

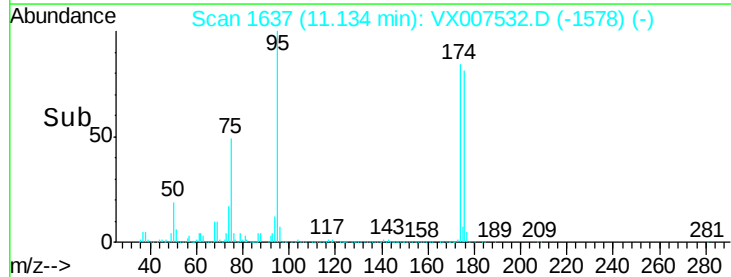
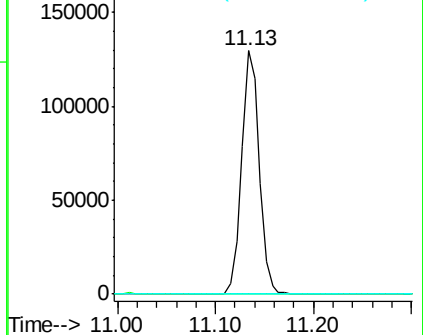
89 0.1 41.4 62.0#

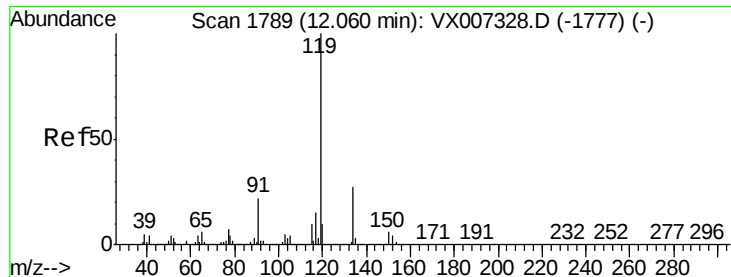


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

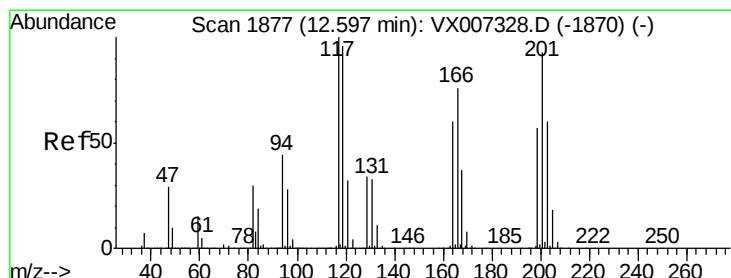
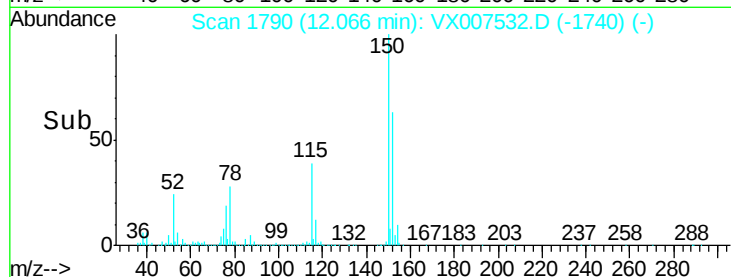
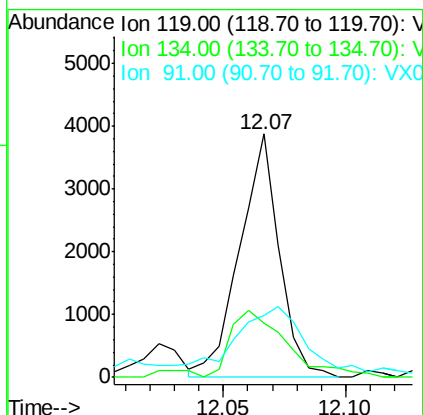
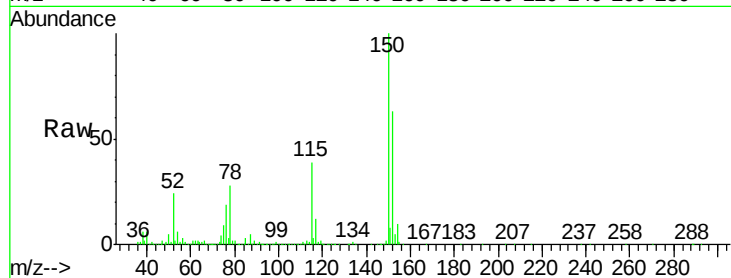




#86
p-Isopropyltoluene
Concen: 0.202 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

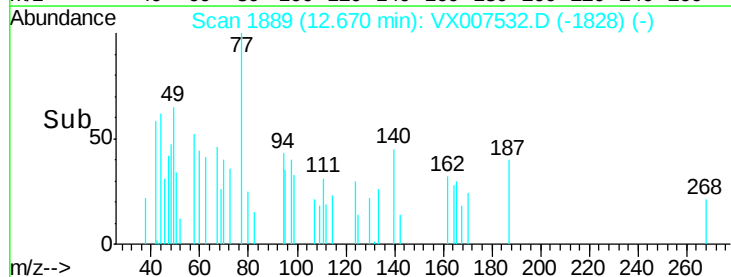
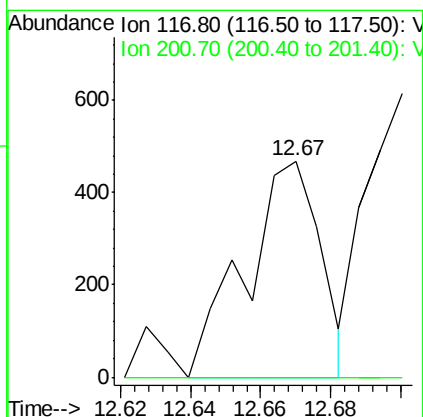
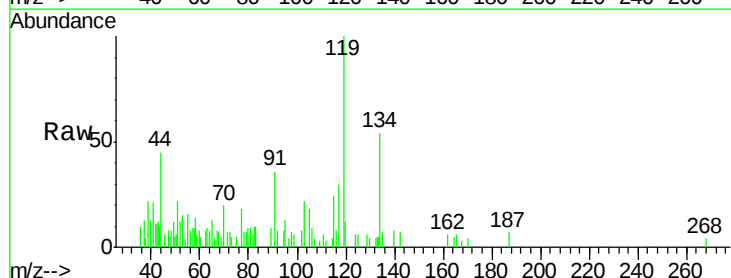
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

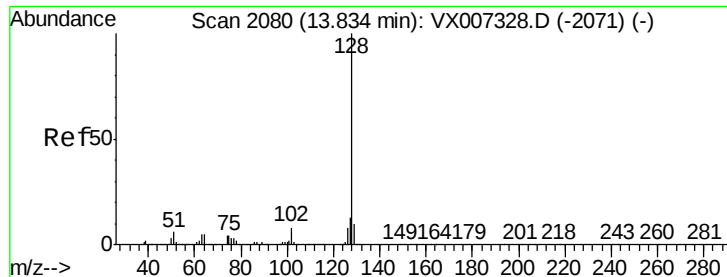
Tot Ion:119 Resp: 4366
Ion Ratio Lower Upper
119 100
134 39.4 13.7 41.1
91 48.1 11.2 33.5#



#90
Hexachloroethane
Concen: 0.216 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Tgt Ion:117 Resp: 696
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.7#

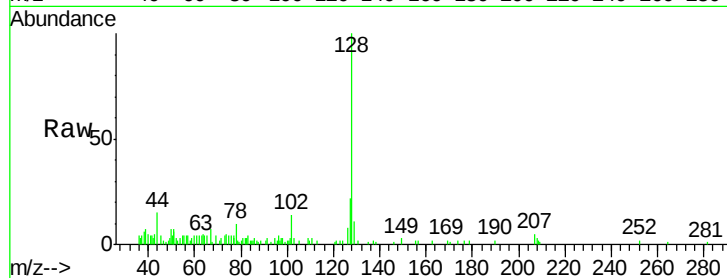




#95
Naphthalene
Concen: 0.245 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007532.D
Acq: 13 Feb 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20190208

Tot Ion:128 Resp: 5934
Ion Ratio Lower Upper
128 100
127 16.0 10.5 15.7#
129 17.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

