

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
 Data File : VX007590.D
 Acq On : 18 Feb 2019 15:59
 Operator : JC/SP
 Sample : K1508-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-S

Quant Time: Feb 19 04:12:54 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	457725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	717254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	341035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	262703	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.50	113	245610	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.71	98	913516	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	318730	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	306	0.232 ug/l #	62
3) Chloromethane	1.33	50	1310	0.254 ug/l #	86
5) Bromomethane	1.65	94	450	Below Cal #	35
6) Chloroethane	1.75	64	1220	0.373 ug/l #	53
8) Diethyl Ether	2.20	74	1203	0.404 ug/l	98
11) Tert butyl alcohol	3.06	59	5031	5.004 ug/l #	88
13) Acrolein	2.31	56	153	0.325 ug/l #	14
16) Acetone	2.45	43	16579	7.450 ug/l	95
17) Carbon Disulfide	2.56	76	872	2.194 ug/l	97
18) Methyl Acetate	2.78	43	17602	3.593 ug/l	98
20) Methylene Chloride	2.86	84	340896	75.190 ug/l	98
25) 2-Butanone	4.71	43	7330	2.314 ug/l #	89
29) Tetrahydrofuran	5.18	42	1786	0.897 ug/l #	31
30) Chloroform	5.21	83	3890	0.496 ug/l #	80
36) 1,1-Dichloropropene	5.67	75	30251	4.526 ug/l #	50
38) Carbon Tetrachloride	5.67	117	42414	6.542 ug/l #	18
43) Isopropyl Acetate	6.46	43	25708	2.465 ug/l	97
47) Bromodichloromethane	7.90	83	1424	0.234 ug/l #	91
48) Methyl methacrylate	7.68	41	10897	2.089 ug/l #	13
49) 1,4-Dioxane	7.73	88	195	8.511 ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	120147	17.502 ug/l #	50
52) Toluene	8.79	92	50337	3.963 ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	59918	8.349 ug/l #	62
57) 1,3-Dichloropropane	9.54	76	15169	1.802 ug/l #	47
59) 2-Hexanone	9.54	43	192619	36.058 ug/l #	51
67) Ethyl Benzene	10.25	91	53300	2.115 ug/l	99
68) m/p-Xylenes	10.36	106	85268	8.510 ug/l	100
69) o-Xylene	10.70	106	39092	4.055 ug/l	99
73) Isopropylbenzene	11.02	105	6354	0.274 ug/l	93
74) N-amyl acetate	10.69	43	18840	2.102 ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	151073	22.774 ug/l #	33
78) n-propylbenzene	11.36	91	27155	1.069 ug/l	97
79) 2-Chlorotoluene	11.43	91	17328	1.124 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	53058	2.798 ug/l	98

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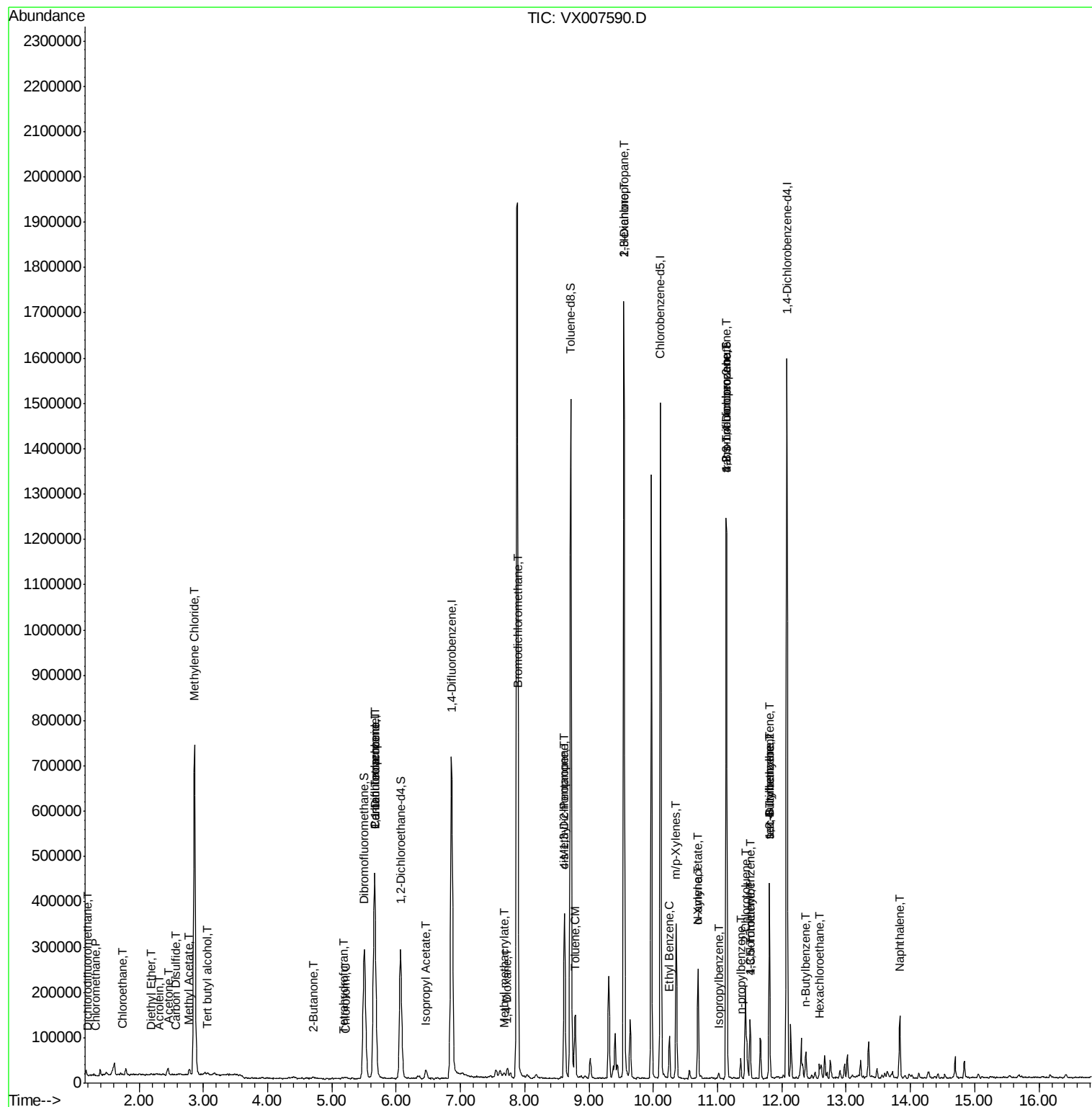
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	151073	68.668	ug/l #	9
82) 4-Chlorotoluene	11.51	91	5999	0.336	ug/l #	49
83) tert-Butylbenzene	11.80	119	24432	1.302	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.80	105	187359	9.733	ug/l	99
85) sec-Butylbenzene	11.80	105	187359	8.247	ug/l #	55
89) n-Butylbenzene	12.37	91	6915	0.392	ug/l #	13
90) Hexachloroethane	12.58	117	3415	1.113	ug/l #	5
95) Naphthalene	13.83	128	84326	3.666	ug/l	99

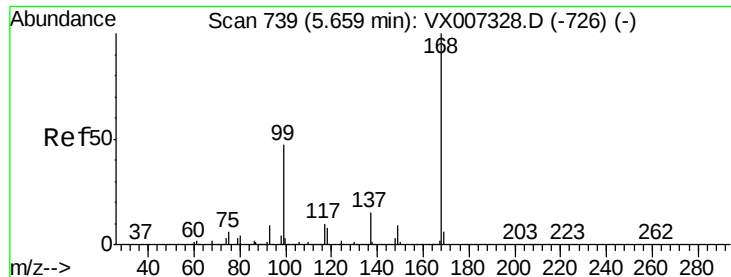
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

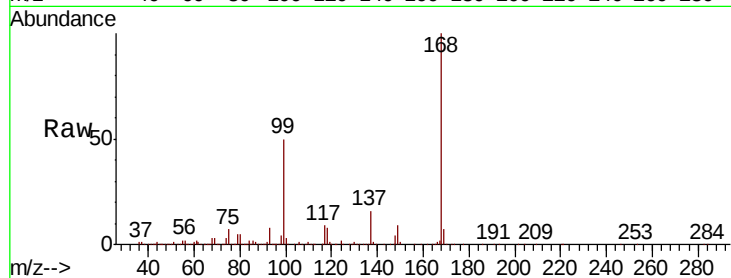
M-12-S

Tgt Ion:168 Resp: 457725

Ion Ratio Lower Upper

168 100

99 50.4 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

150000

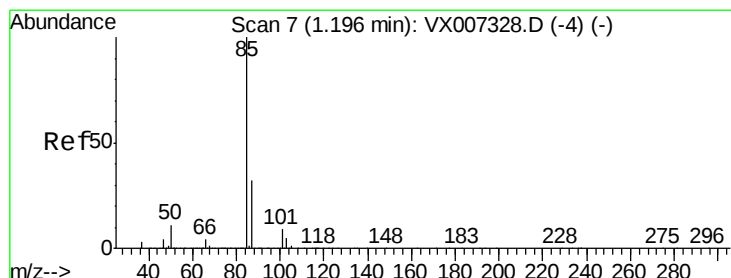
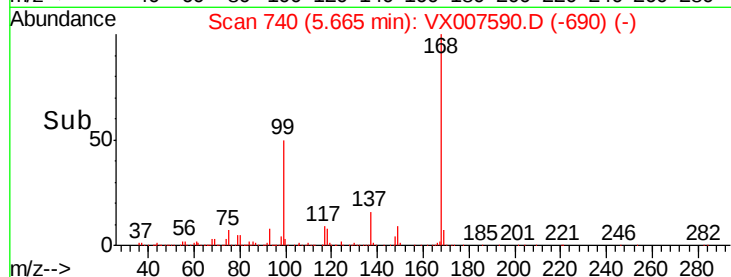
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.232 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007590.D

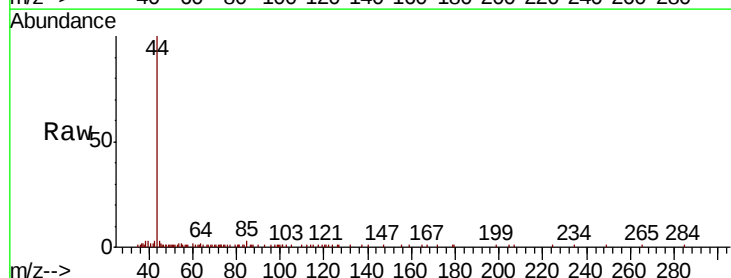
Acq: 18 Feb 2019 15:59

Tgt Ion: 85 Resp: 306

Ion Ratio Lower Upper

85 100

87 52.9 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

250

200

150

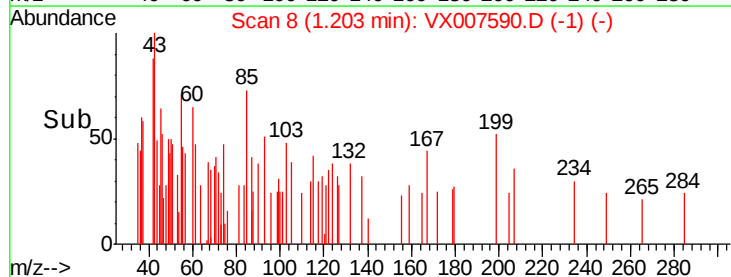
100

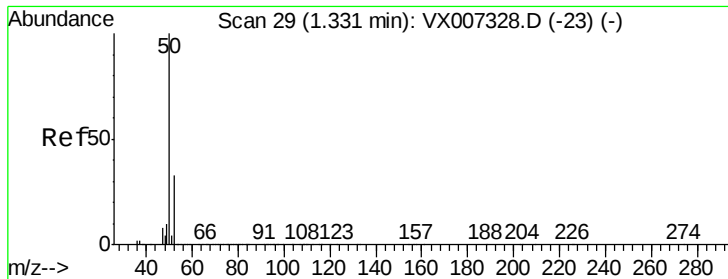
50

0

Time-->

1.16 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.254 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

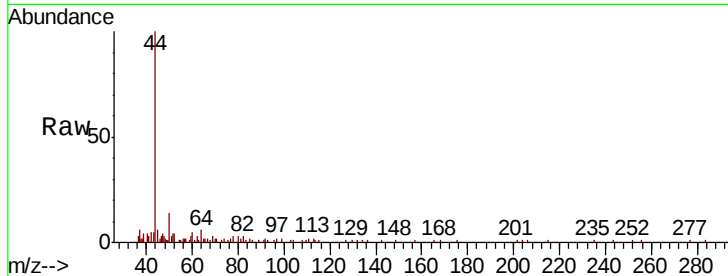
M-12-S

Tgt Ion: 50 Resp: 1310

Ion Ratio Lower Upper

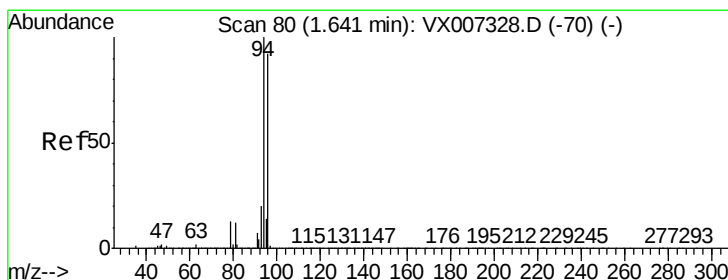
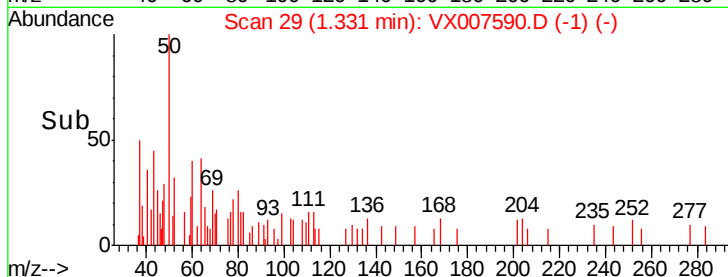
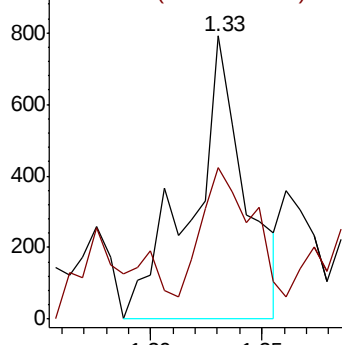
50 100

52 40.3 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007590.D

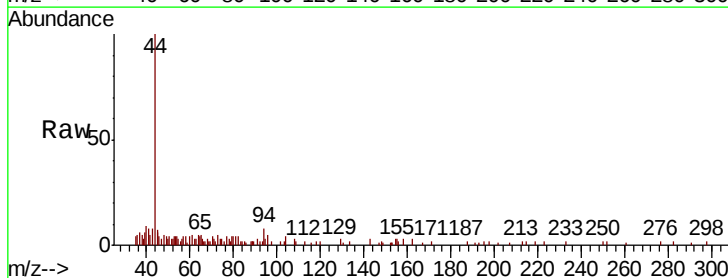
Acq: 18 Feb 2019 15:59

Tgt Ion: 94 Resp: 450

Ion Ratio Lower Upper

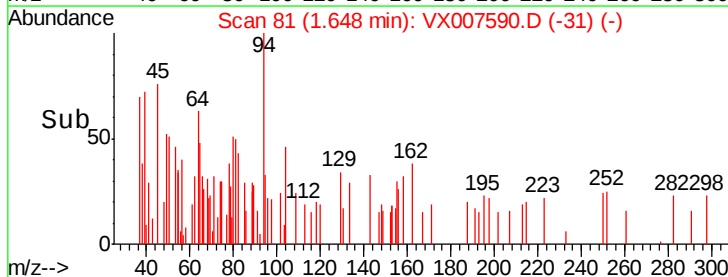
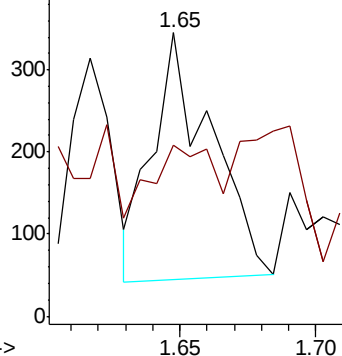
94 100

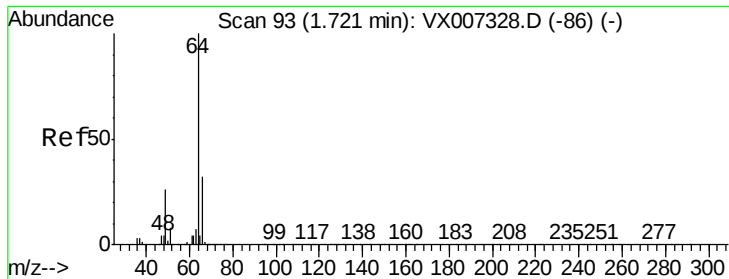
96 30.6 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.373 ug/l

RT: 1.75 min Scan# 97

Delta R.T. 0.02 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

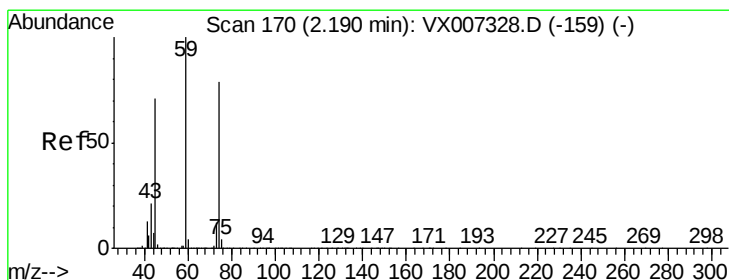
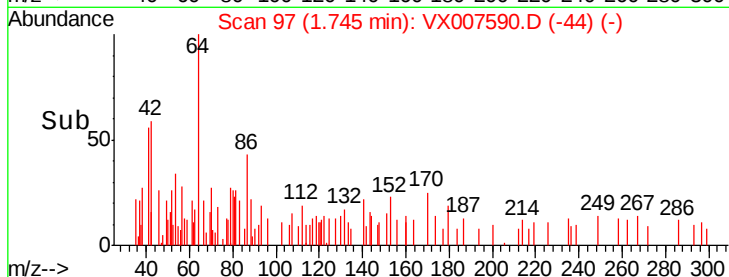
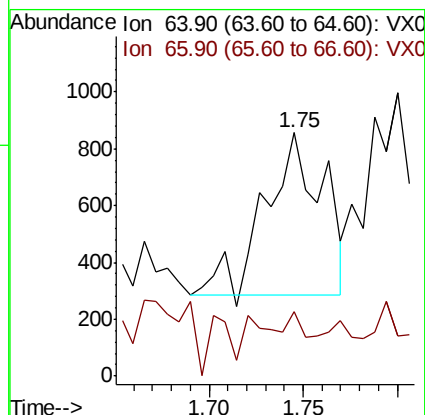
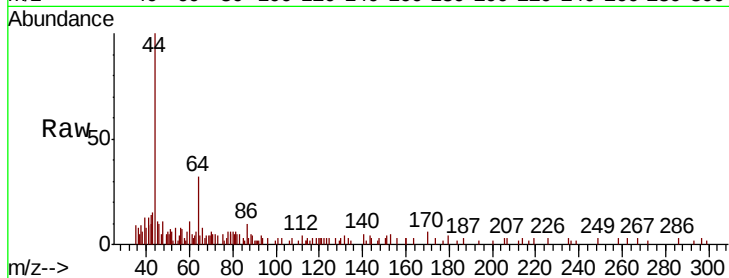
M-12-S

Tgt Ion: 64 Resp: 1220

Ion Ratio Lower Upper

64 100

66 5.6 25.5 38.3#



#8

Diethyl Ether

Concen: 0.404 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX007590.D

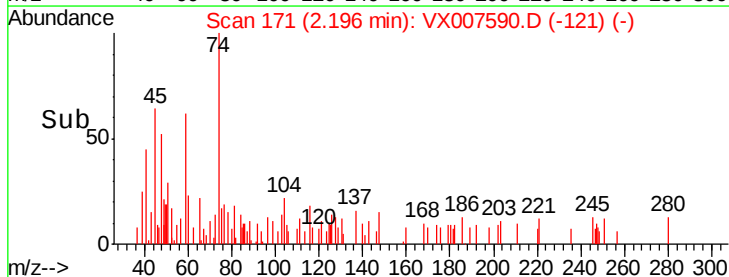
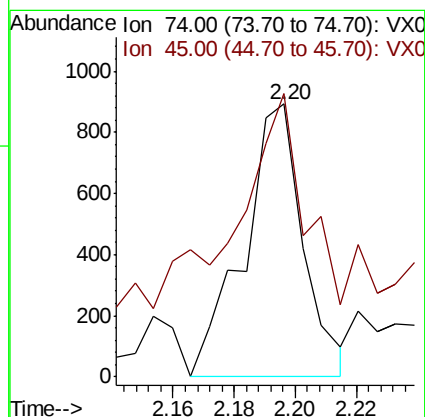
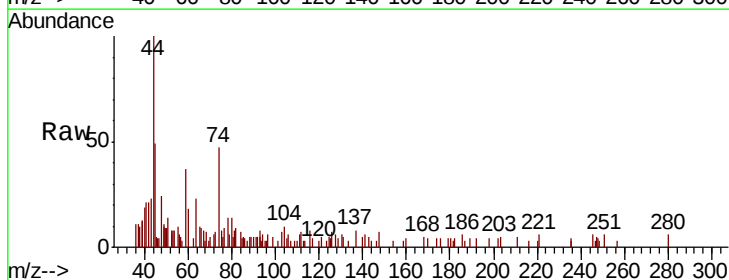
Acq: 18 Feb 2019 15:59

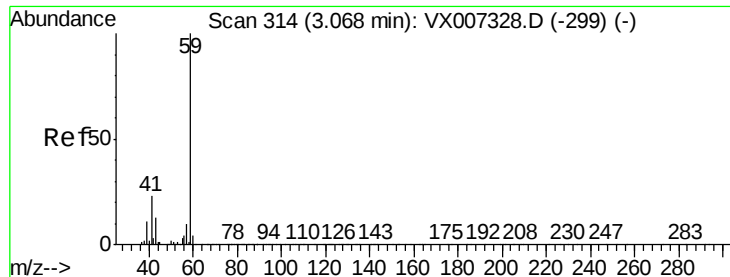
Tgt Ion: 74 Resp: 1203

Ion Ratio Lower Upper

74 100

45 93.5 45.7 137.1



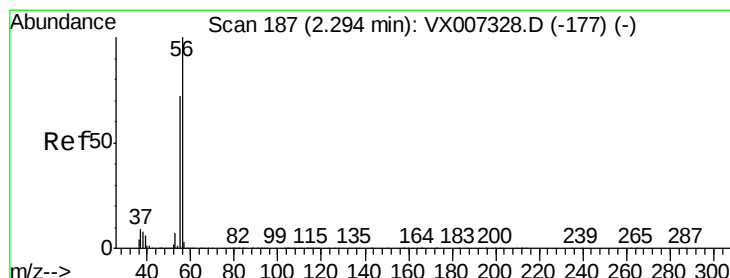
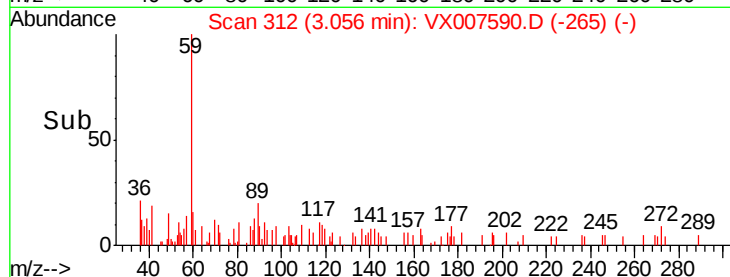
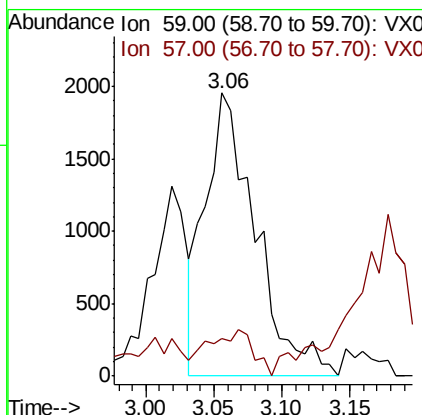
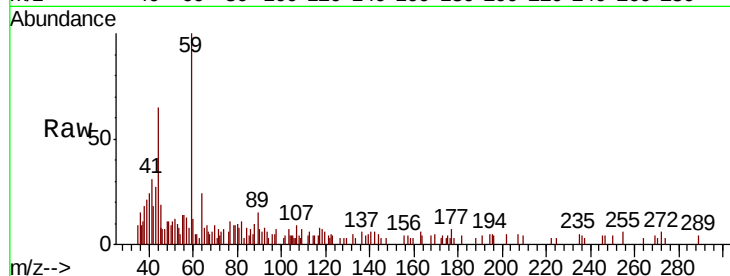


#11

Tert butyl alcohol
Concen: 5.004 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.01 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
M-12-S

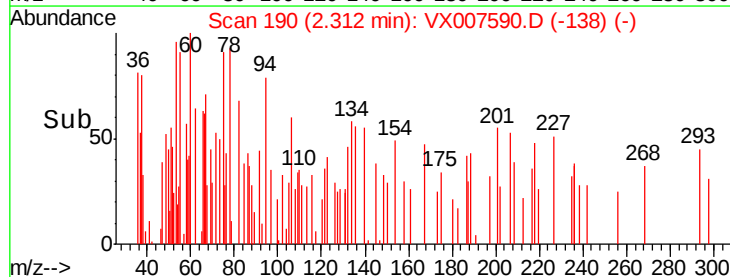
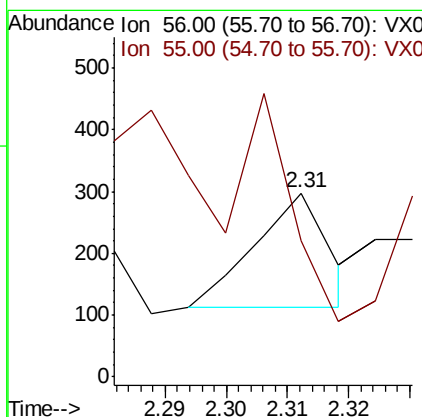
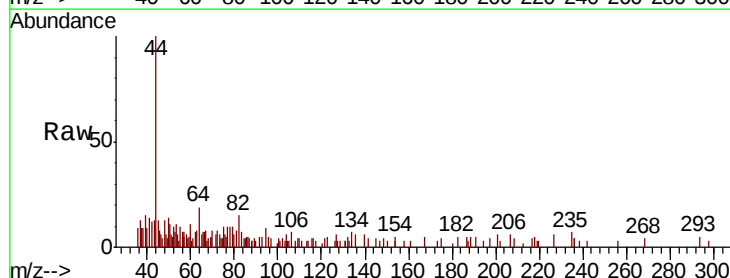
Tgt Ion: 59 Resp: 5031
Ion Ratio Lower Upper
59 100
57 14.5 8.1 12.1#

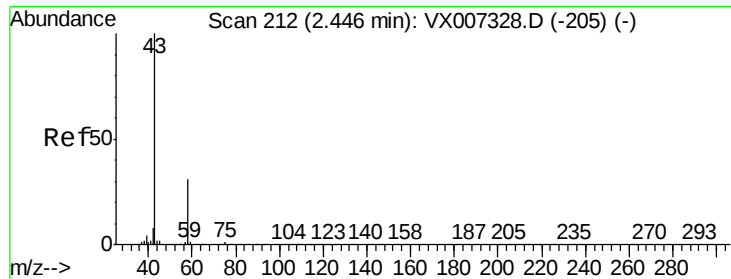


#13

Acrolein
Concen: 0.325 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#16

Acetone

Concen: 7.450 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

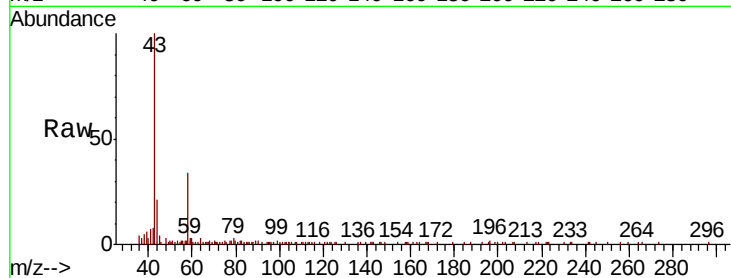
M-12-S

Tgt Ion: 43 Resp: 16579

Ion Ratio Lower Upper

43 100

58 33.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

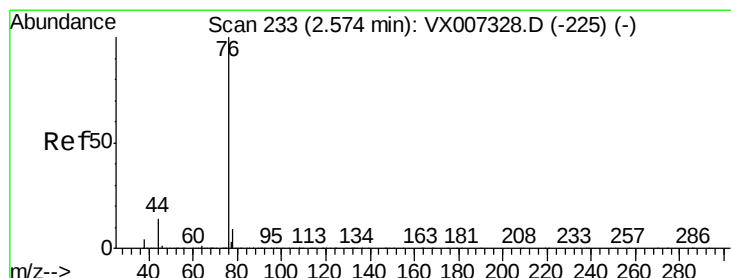
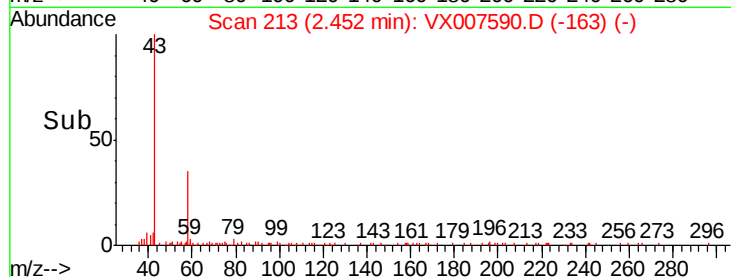
6000

4000

2000

0

Time-->



#17

Carbon Disulfide

Concen: 2.194 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX007590.D

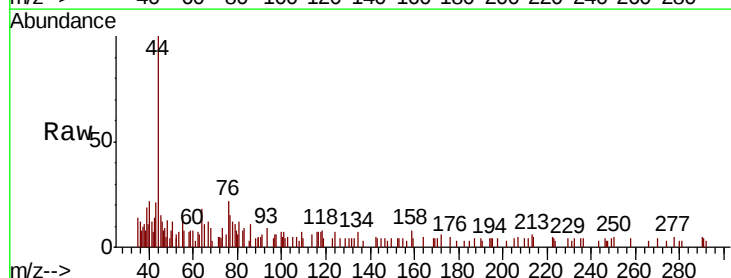
Acq: 18 Feb 2019 15:59

Tgt Ion: 76 Resp: 872

Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400

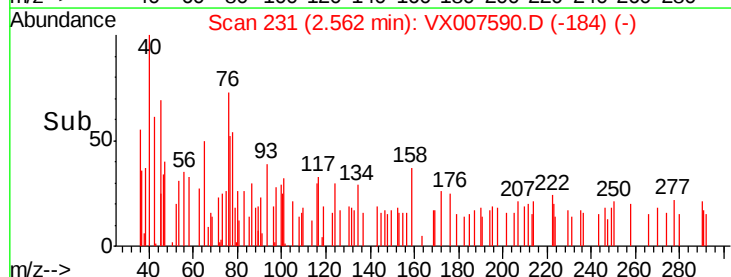
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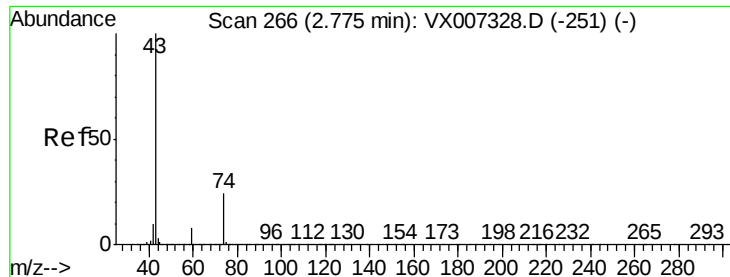
200

100

0

Time-->

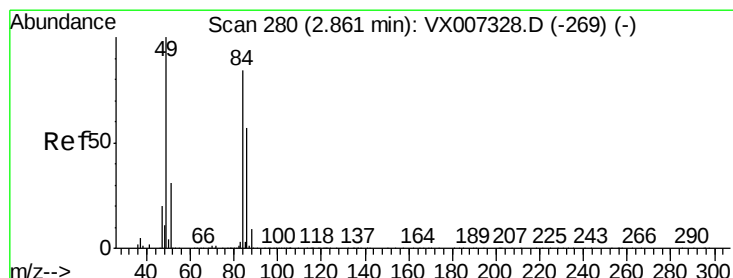
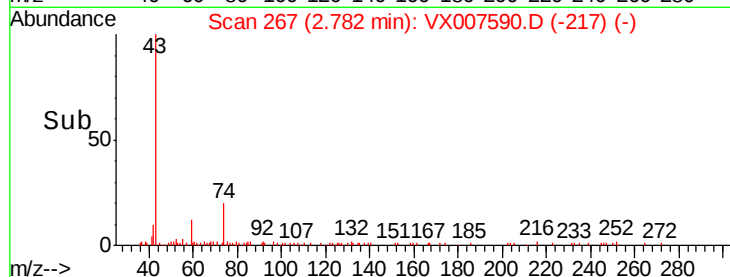
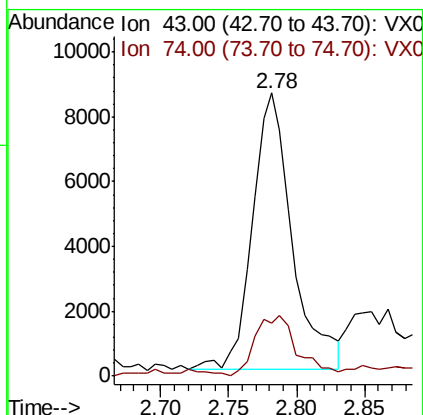
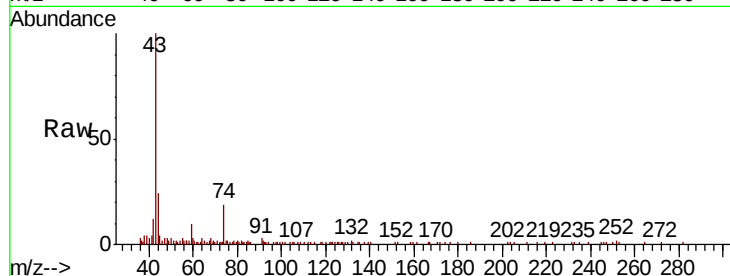




#18
Methyl Acetate
Concen: 3.593 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

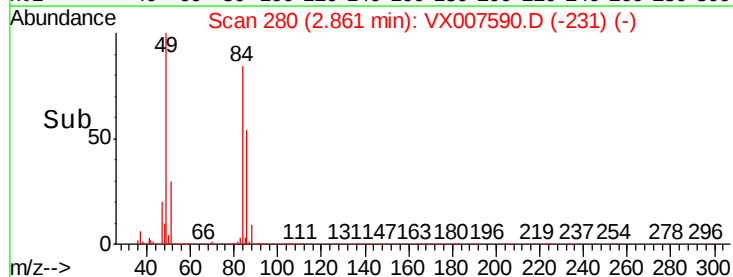
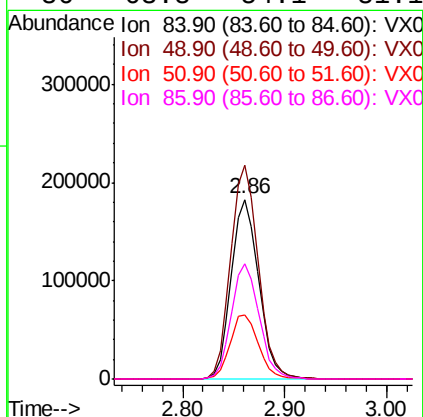
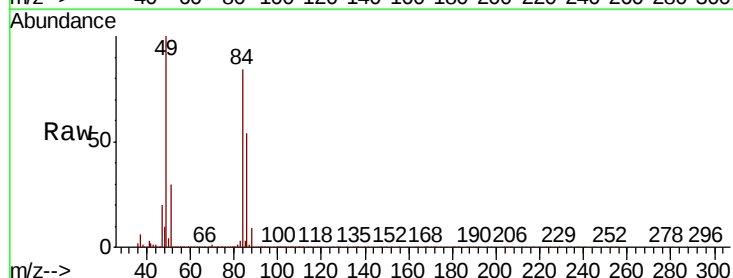
Instrument :
MSVOA_X
ClientSampleId :
M-12-S

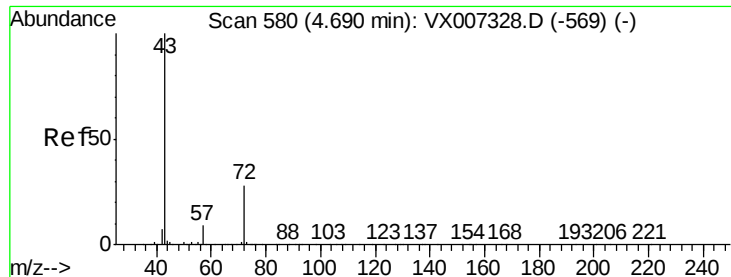
Tgt Ion: 43 Resp: 17602
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#20
Methylene Chloride
Concen: 75.190 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion: 84 Resp: 340896
Ion Ratio Lower Upper
84 100
49 118.7 94.8 142.2
51 35.6 29.8 44.8
86 63.8 54.1 81.1

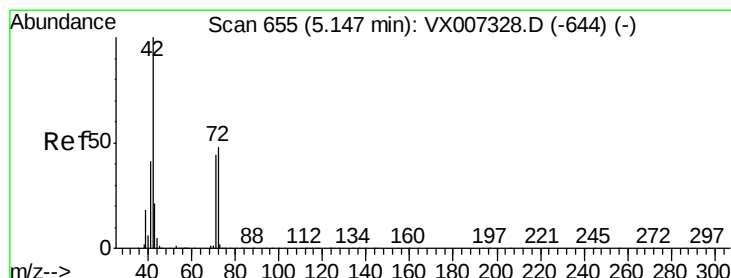
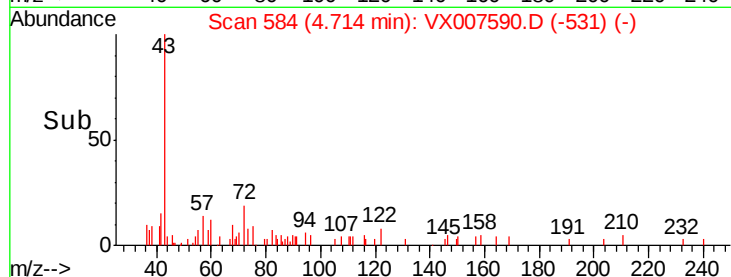
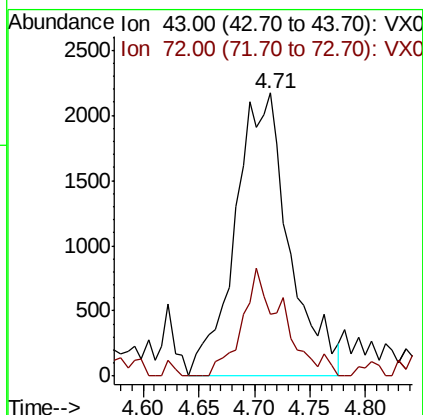
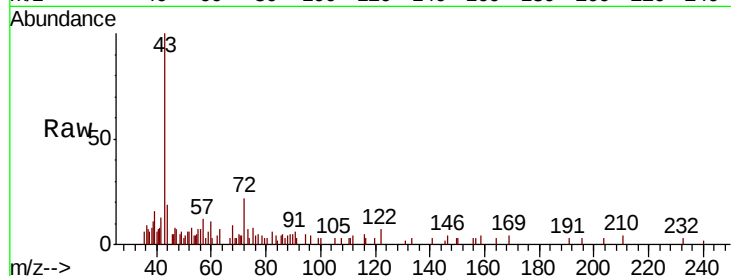




#25
2-Butanone
Concen: 2.314 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

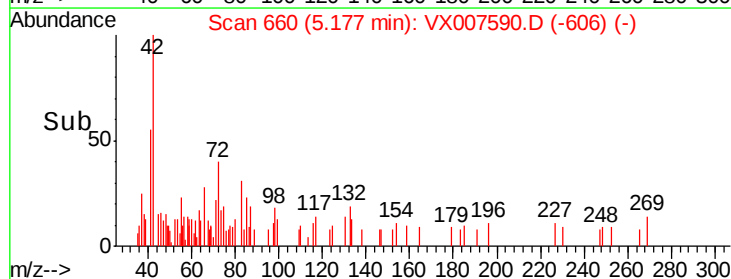
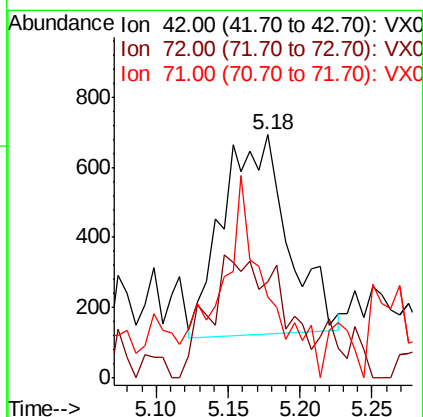
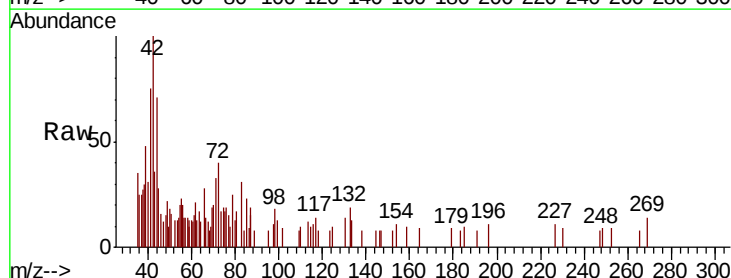
Instrument :
MSVOA_X
ClientSampled :
M-12-S

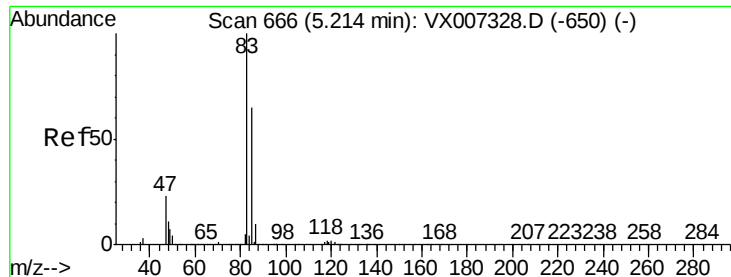
Tgt Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
72 22.0 22.2 33.2#



#29
Tetrahydrofuran
Concen: 0.897 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion: 42 Resp: 1786
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 34.6 51.8#

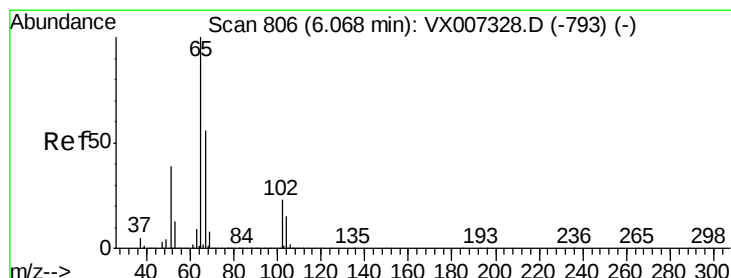
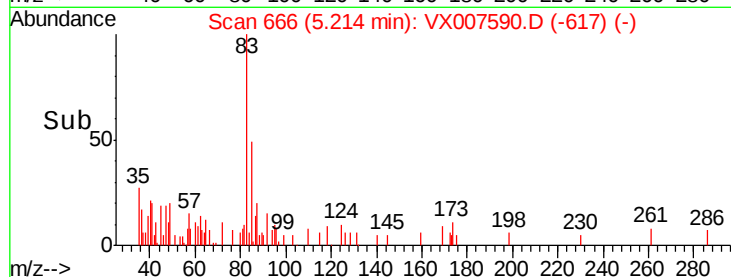
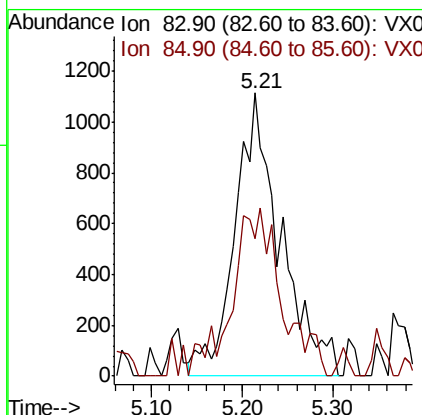
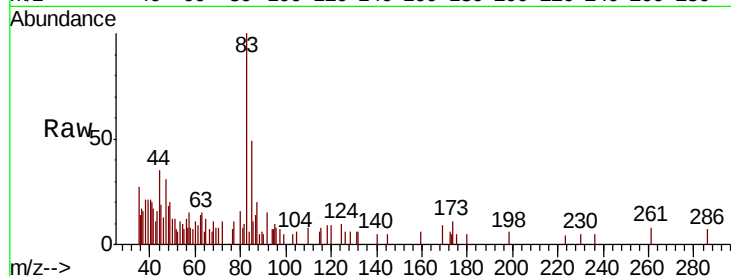




#30
Chloroform
Concen: 0.496 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

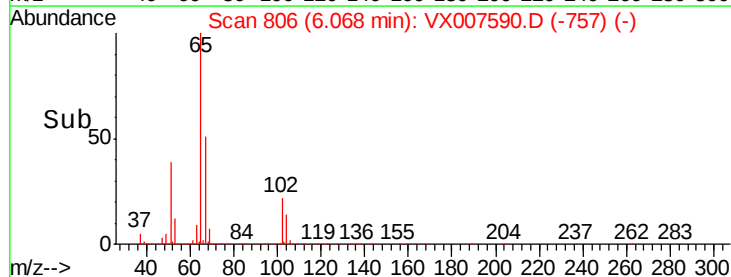
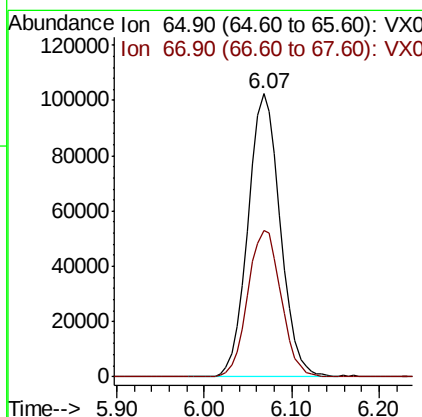
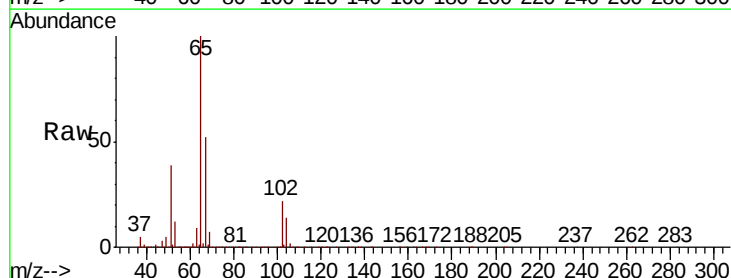
Instrument :
MSVOA_X
ClientSampleId :
M-12-S

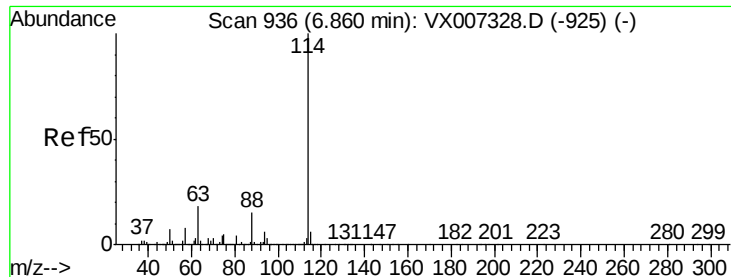
Tgt Ion: 83 Resp: 3890
Ion Ratio Lower Upper
83 100
85 48.6 51.6 77.4#



#33
1,2-Dichloroethane-d4
Concen: 54.072 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion: 65 Resp: 262703
Ion Ratio Lower Upper
65 100
67 53.4 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: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

M-12-S

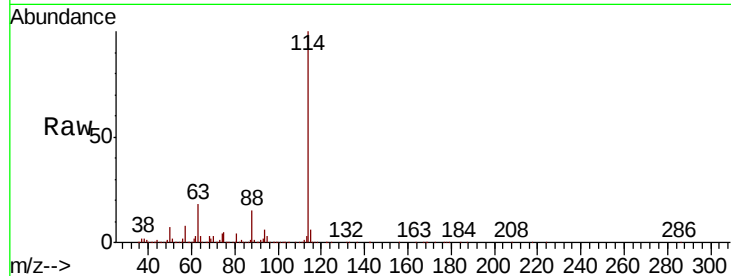
Tgt Ion:114 Resp: 744870

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

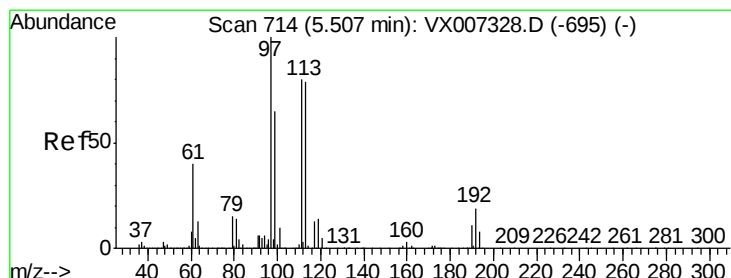
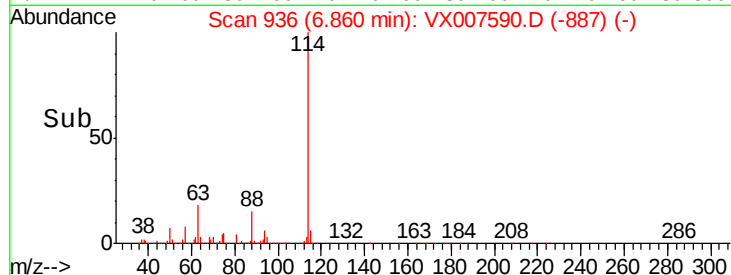
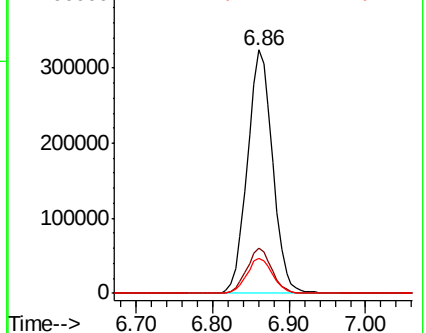
88 14.6 0.0 29.6



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: 50.677 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

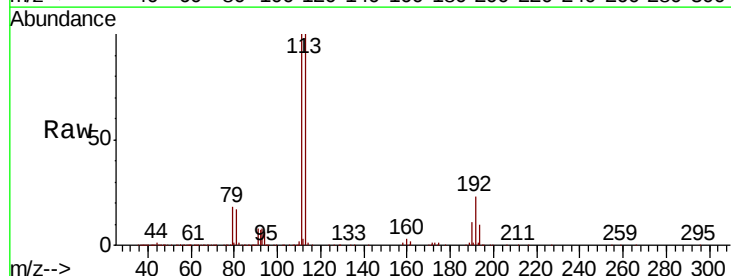
Tgt Ion:113 Resp: 245610

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

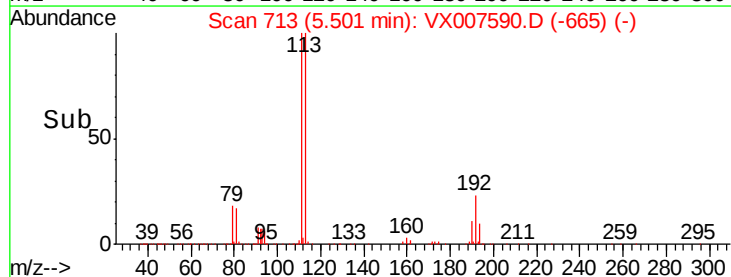
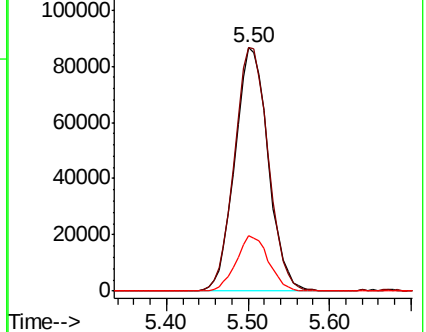
192 22.2 18.5 27.7

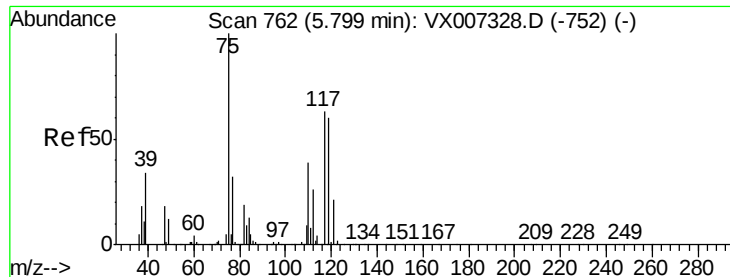


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

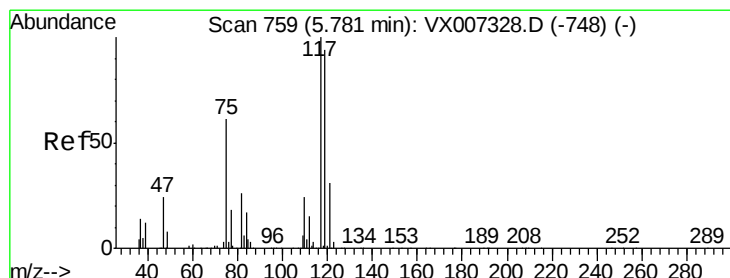
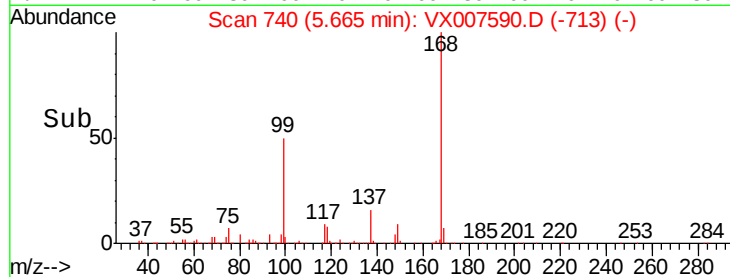
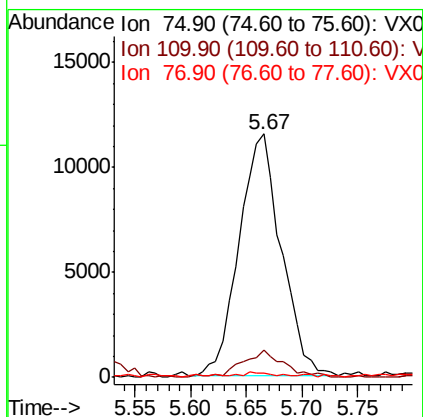
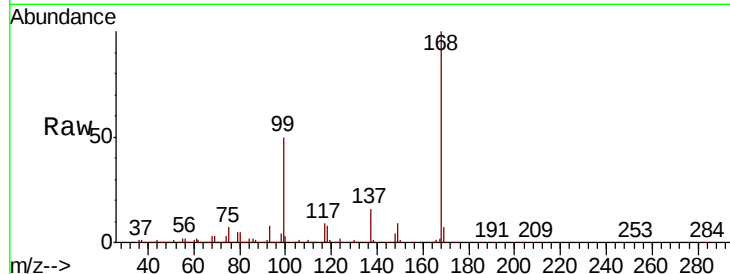




#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

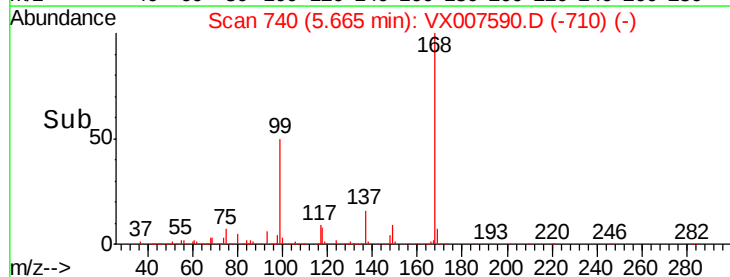
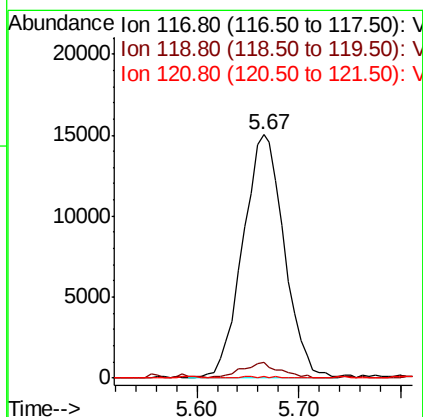
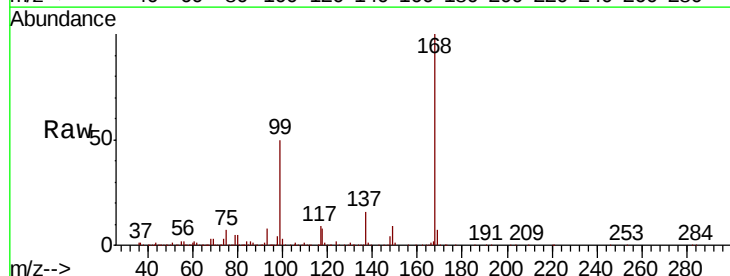
Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-S

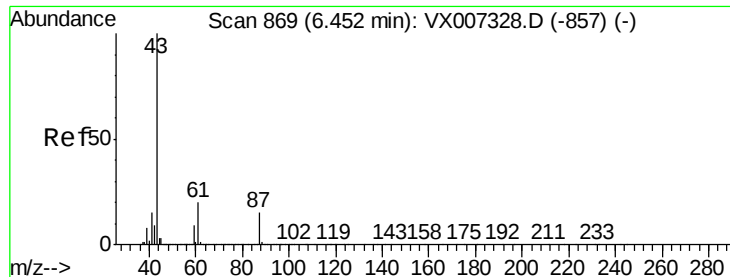
Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.3	20.0	59.9#
77	1.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.542 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.3	112.9#
121	0.0	25.0	37.4#





#43

Isopropyl Acetate

Concen: 2.465 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

M-12-S

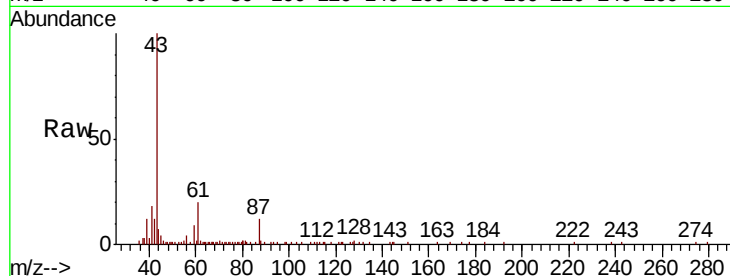
Tgt Ion: 43 Resp: 25708

Ion Ratio Lower Upper

43 100

61 21.6 16.1 24.1

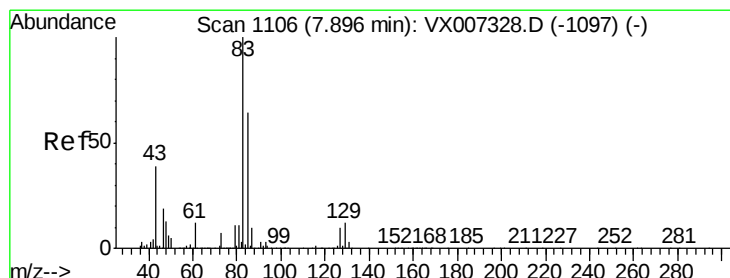
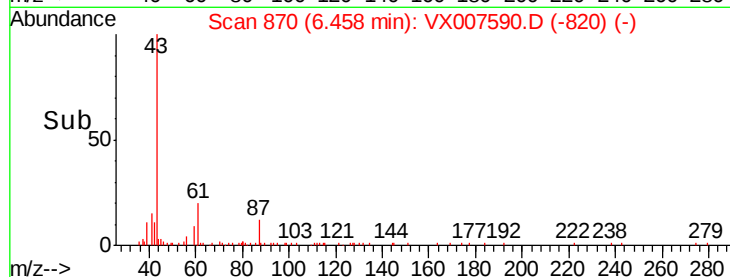
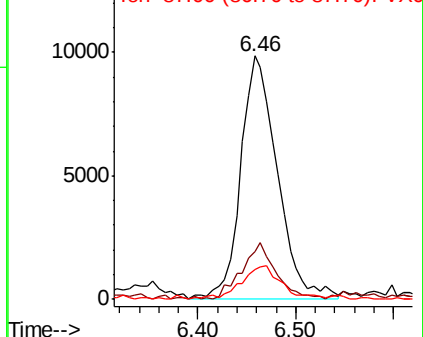
87 15.2 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 0.234 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

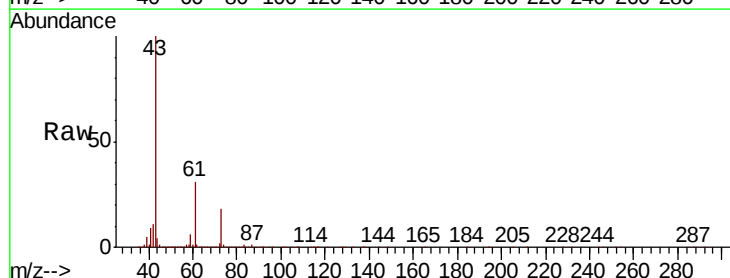
Tgt Ion: 83 Resp: 1424

Ion Ratio Lower Upper

83 100

85 57.0 51.4 77.0

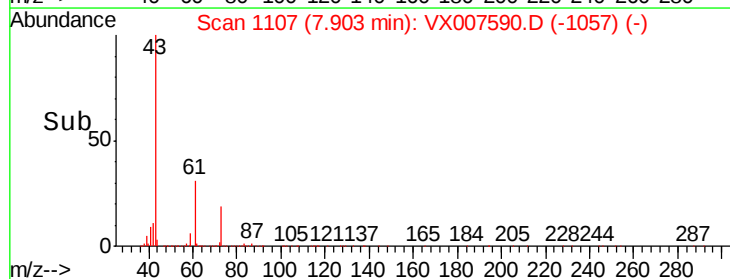
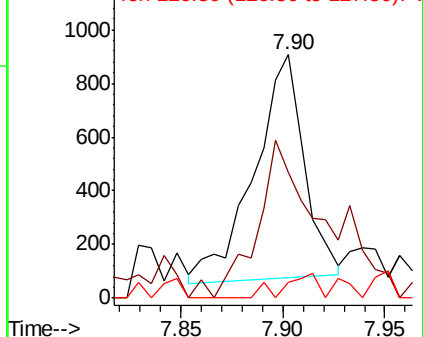
127 7.2 8.1 12.1#

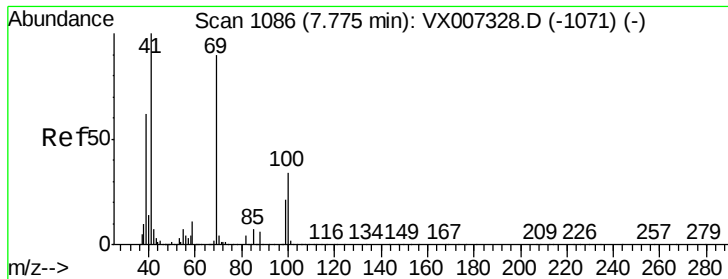


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

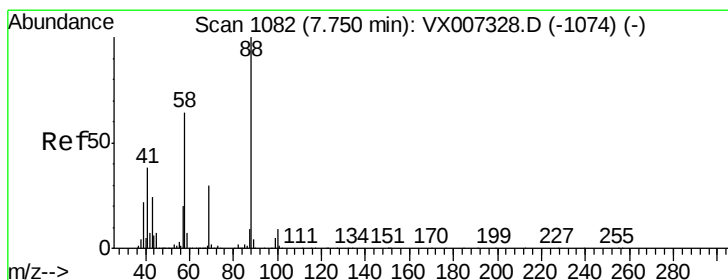
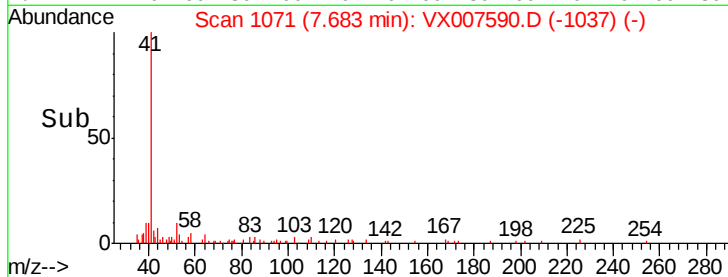
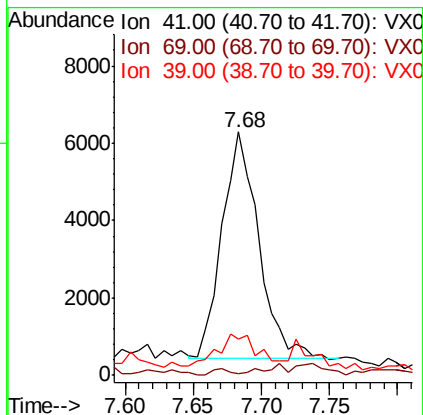
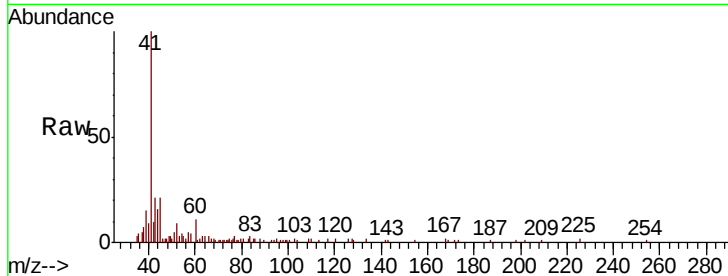




#48
Methyl methacrylate
Concen: 2.089 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

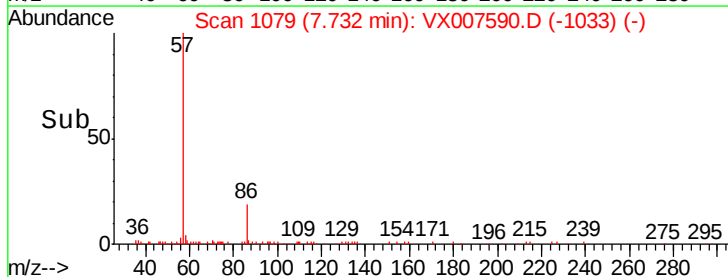
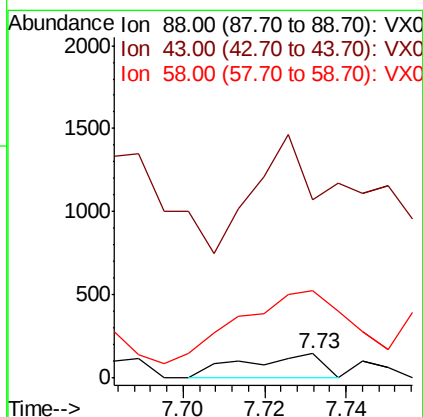
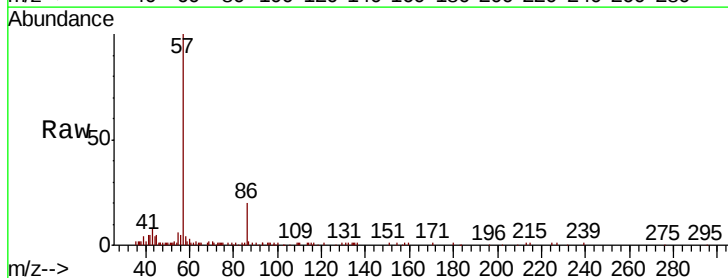
Instrument :
MSVOA_X
ClientSampleId :
M-12-S

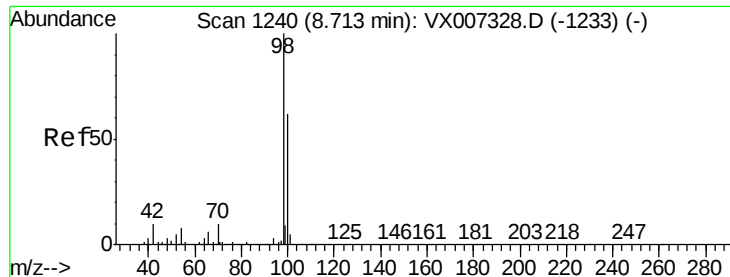
Tgt Ion	Ratio	Lower	Upper
41	100		
69	1.4	70.2	105.4#
39	0.0	47.4	71.0#



#49
1,4-Dioxane
Concen: 8.511 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.2	36.4#
58	573.8	53.0	79.4#





#50

Toluene-d8

Concen: 50.802 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

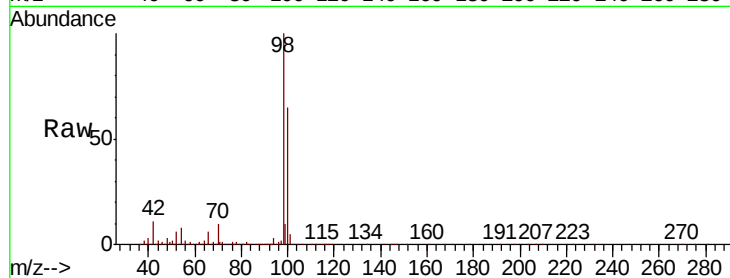
M-12-S

Tgt Ion: 98 Resp: 913516

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): VX0

8.71

600000

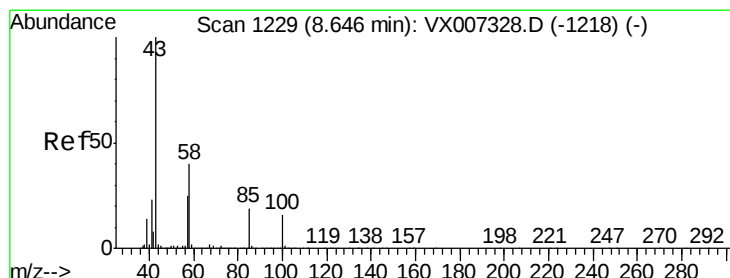
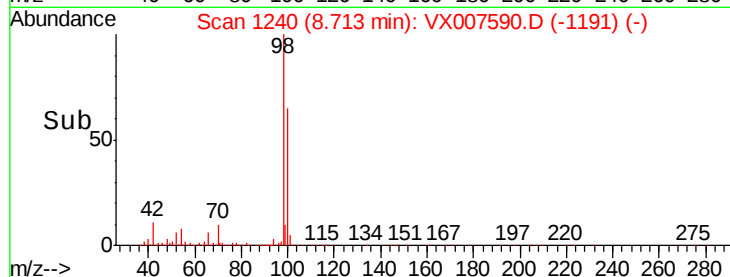
400000

200000

0

8.60 8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 17.502 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007590.D

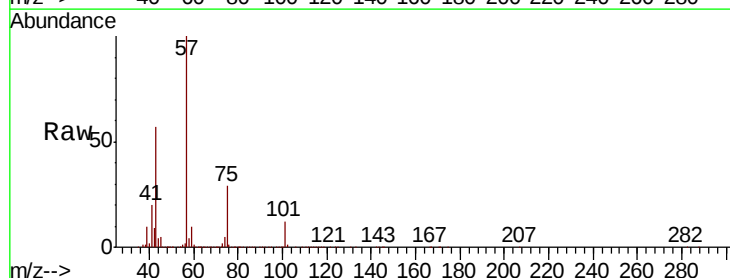
Acq: 18 Feb 2019 15:59

Tgt Ion: 43 Resp: 120147

Ion Ratio Lower Upper

43 100

58 8.6 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

80000

60000

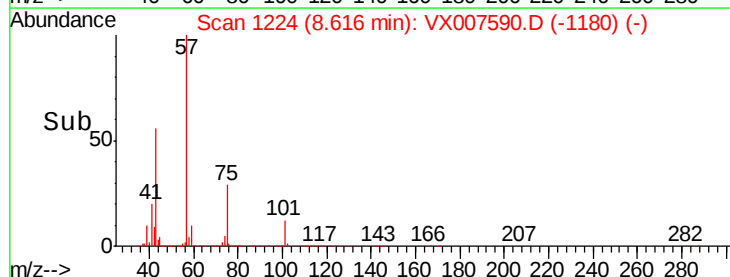
40000

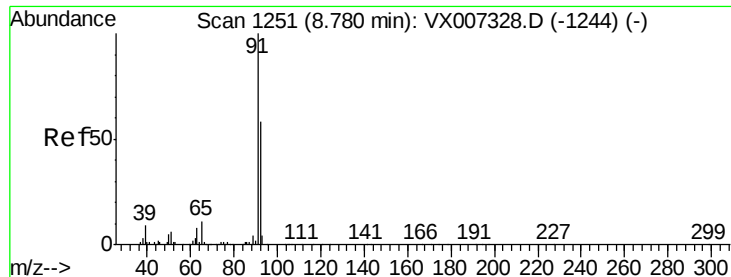
20000

0

8.55 8.60 8.65 8.70

Time-->





#52

Toluene

Concen: 3.963 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

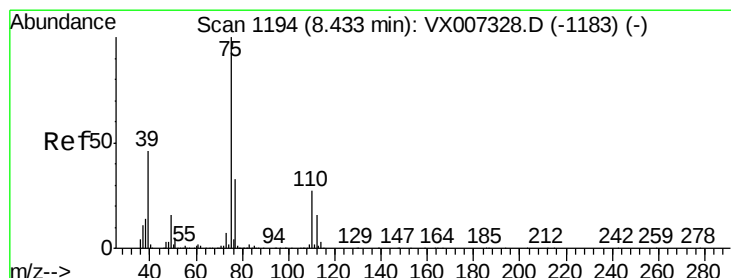
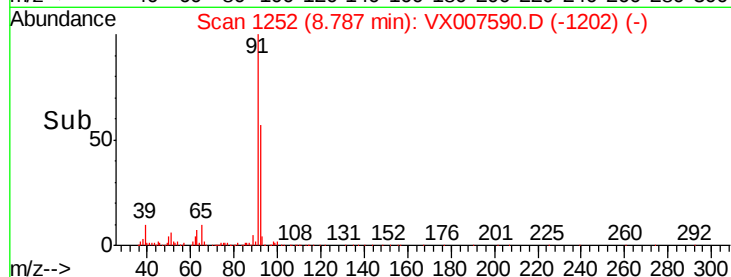
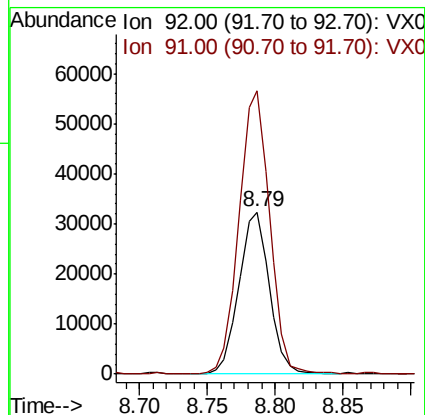
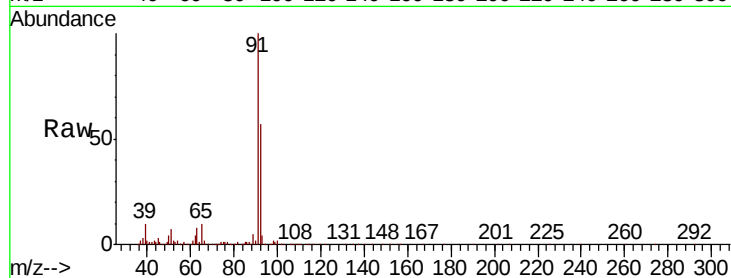
M-12-S

Tgt Ion: 92 Resp: 50337

Ion Ratio Lower Upper

92 100

91 177.2 139.1 208.7



#54

cis-1,3-Dichloropropene

Concen: 8.349 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

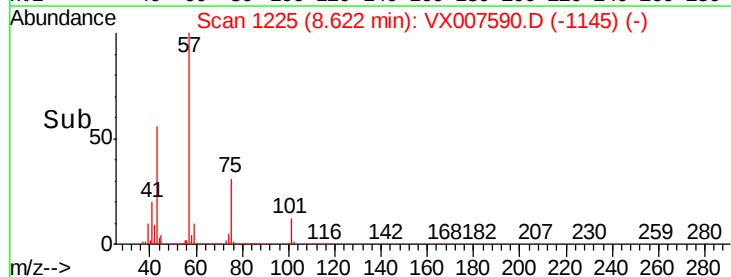
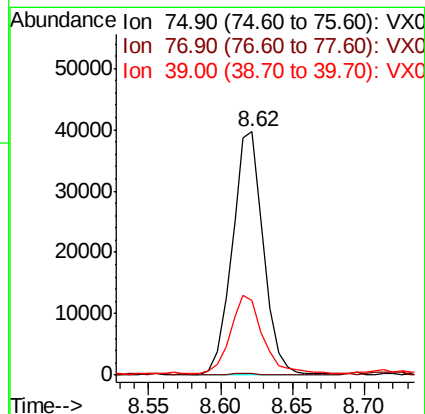
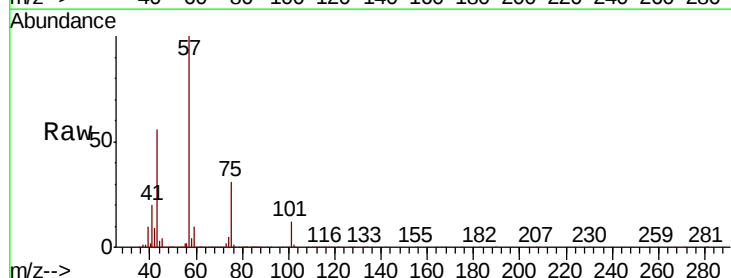
Tgt Ion: 75 Resp: 59918

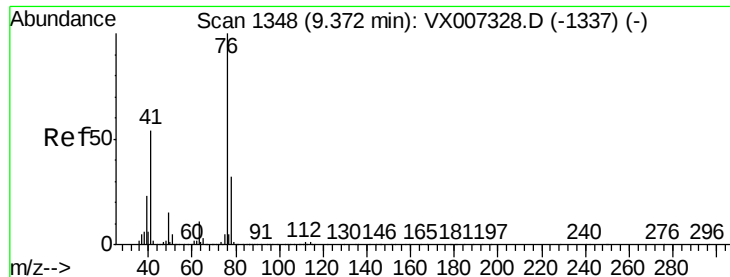
Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.4#

39 30.2 37.1 55.7#





#57

1,3-Dichloropropane

Concen: 1.802 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

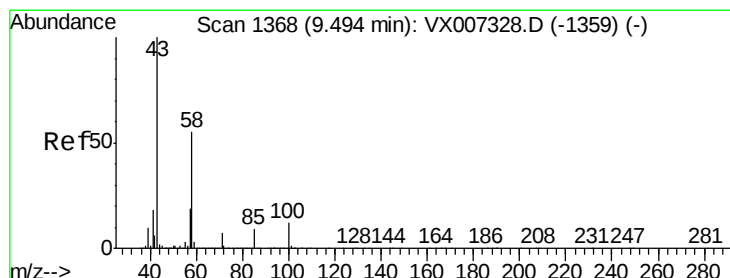
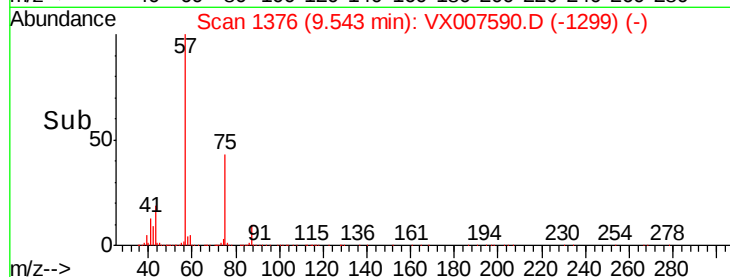
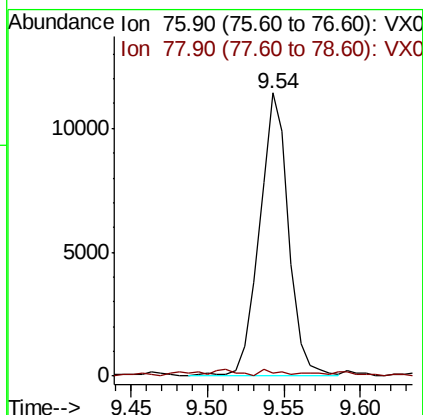
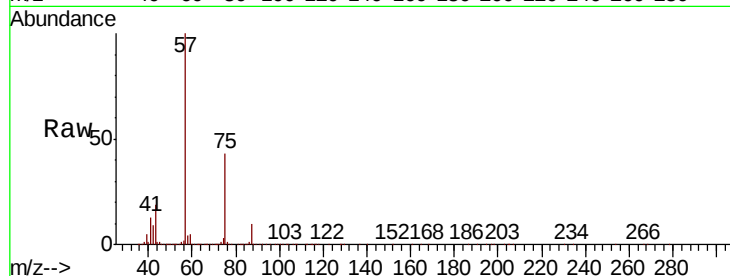
M-12-S

Tgt Ion: 76 Resp: 15169

Ion Ratio Lower Upper

76 100

78 2.6 25.8 38.8#



#59

2-Hexanone

Concen: 36.058 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007590.D

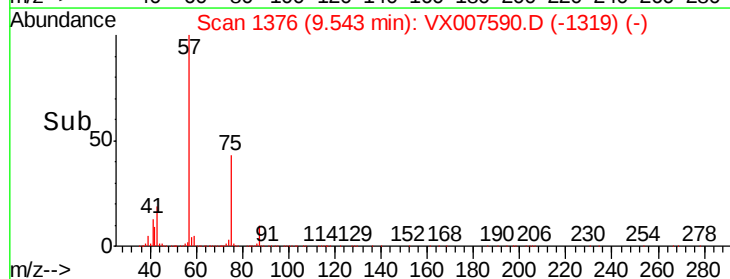
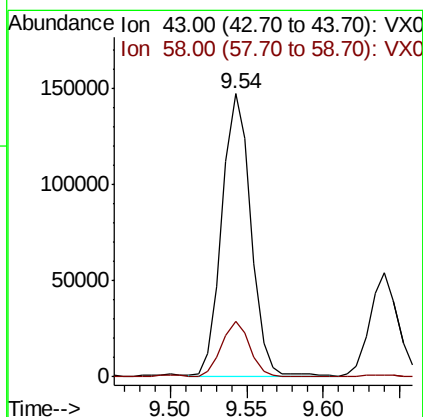
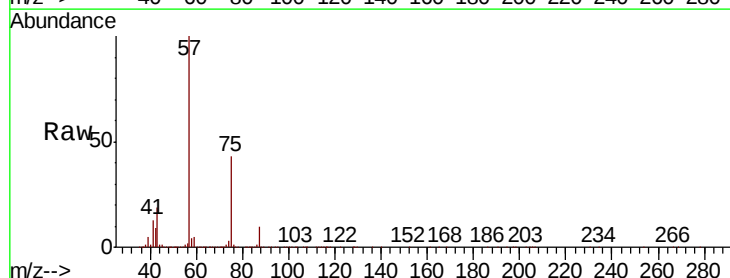
Acq: 18 Feb 2019 15:59

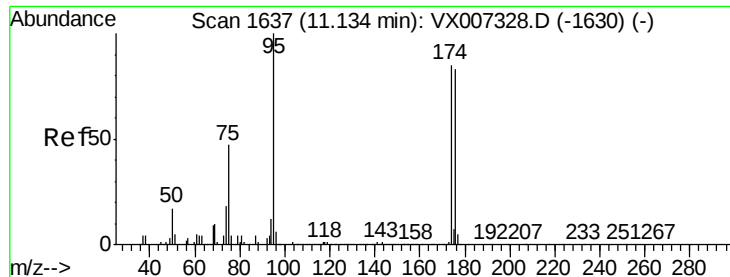
Tgt Ion: 43 Resp: 192619

Ion Ratio Lower Upper

43 100

58 19.2 27.1 81.3#





#62

4-Bromofluorobenzene

Concen: 48.549 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

M-12-S

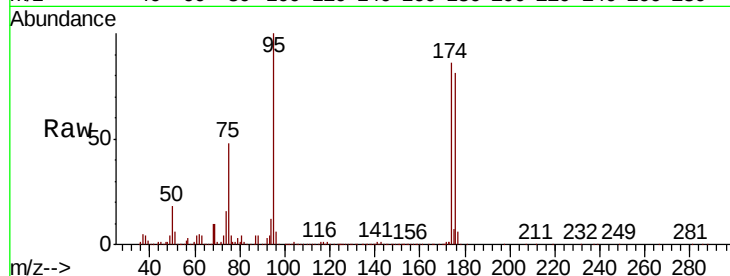
Tgt Ion: 95 Resp: 318730

Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

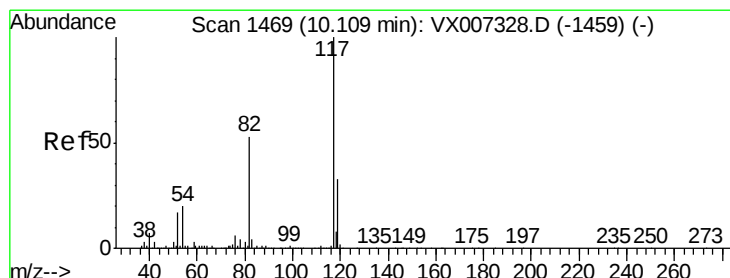
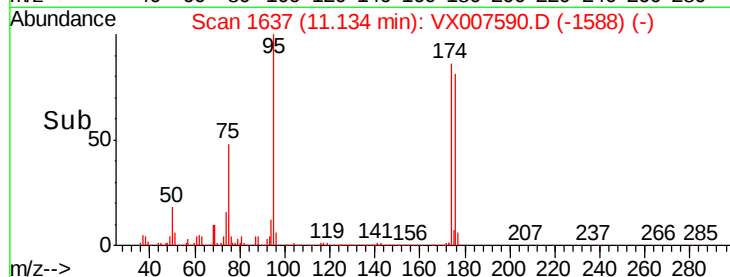
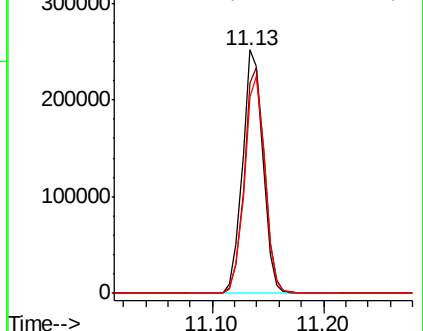
176 89.6 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

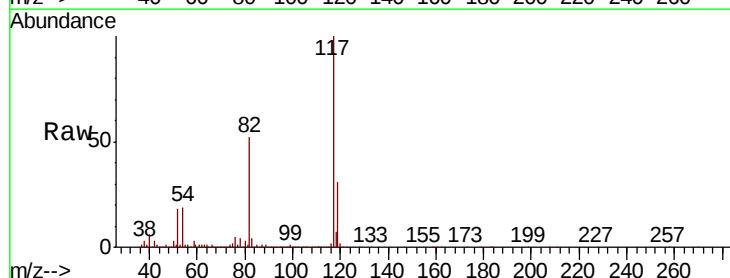
Tgt Ion: 117 Resp: 717254

Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

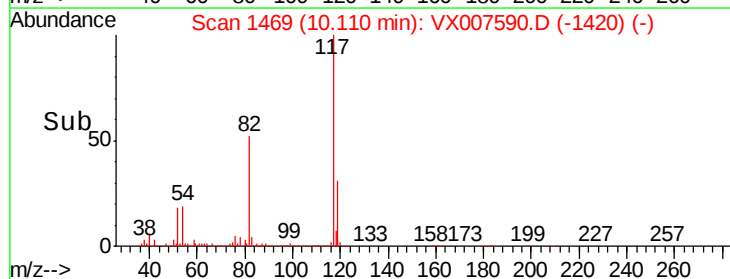
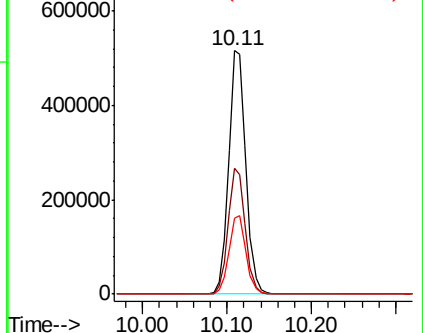
119 31.4 26.5 39.7

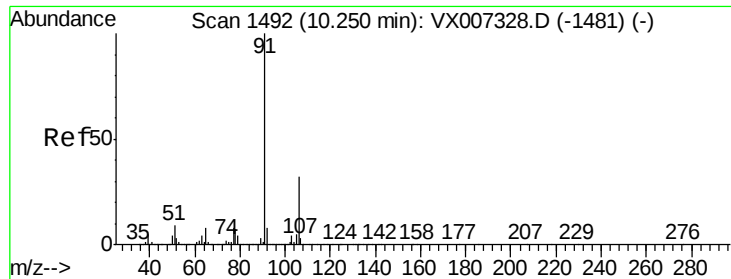


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 2.115 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

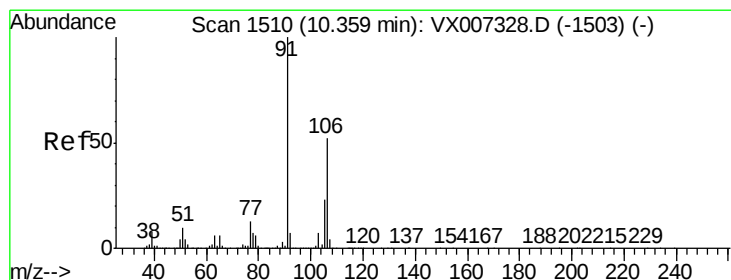
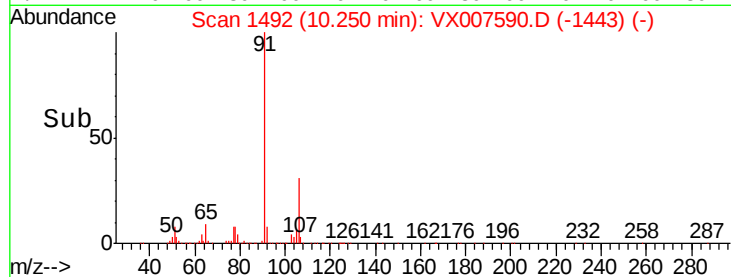
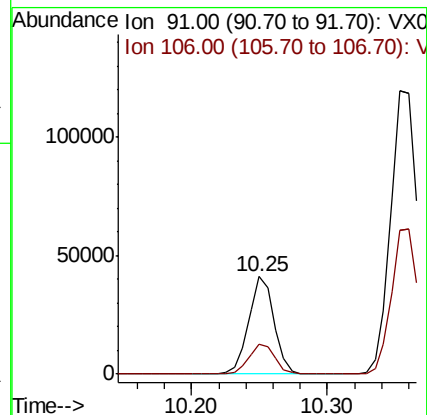
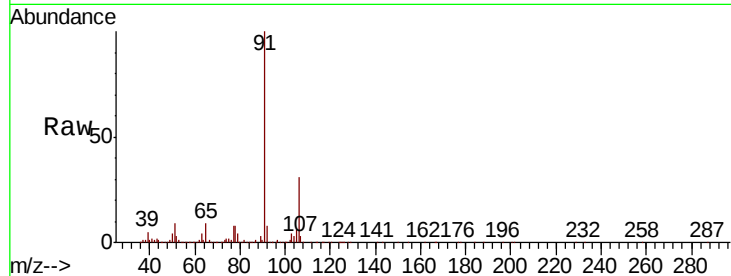
M-12-S

Tgt Ion: 91 Resp: 53300

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0



#68

m/p-Xylenes

Concen: 8.510 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007590.D

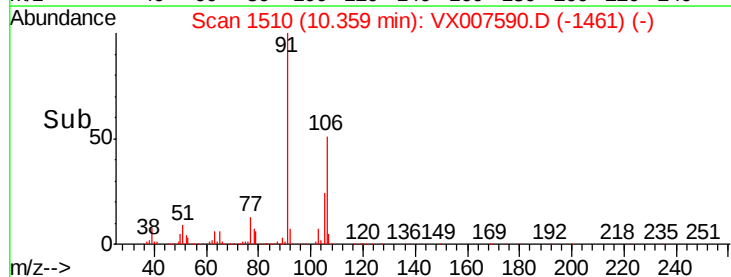
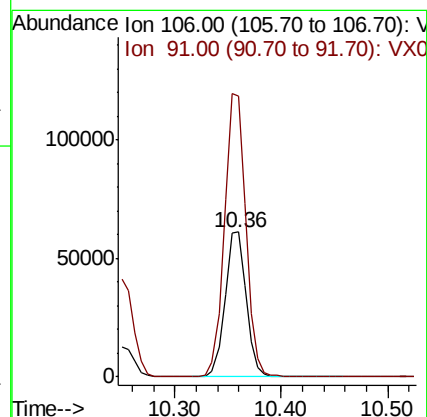
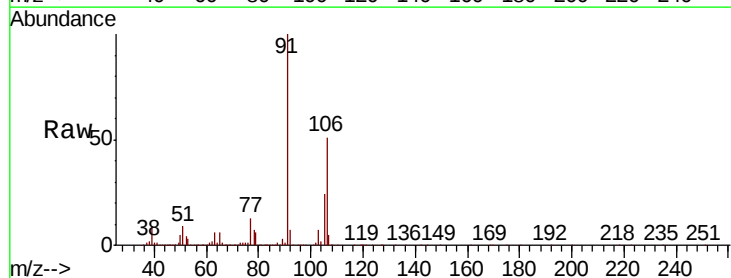
Acq: 18 Feb 2019 15:59

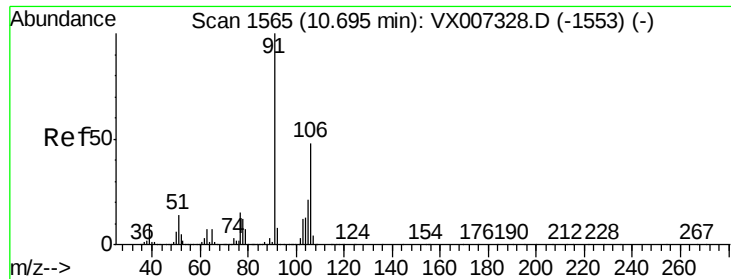
Tgt Ion: 106 Resp: 85268

Ion Ratio Lower Upper

106 100

91 196.2 156.6 234.8

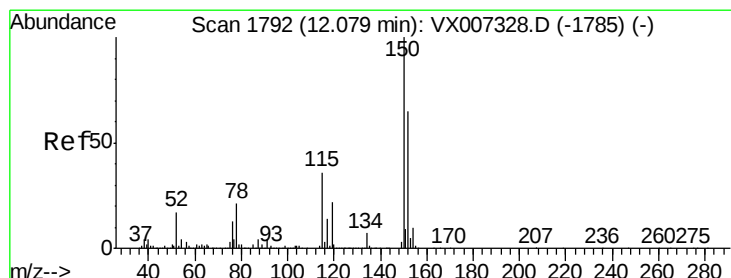
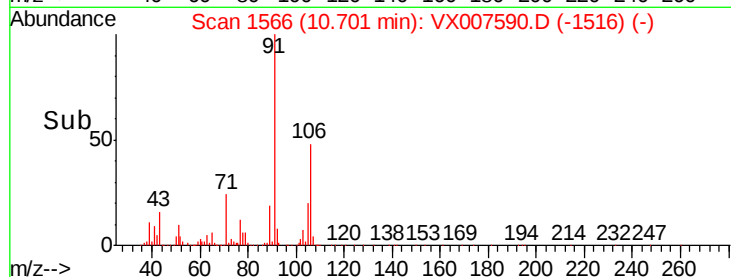
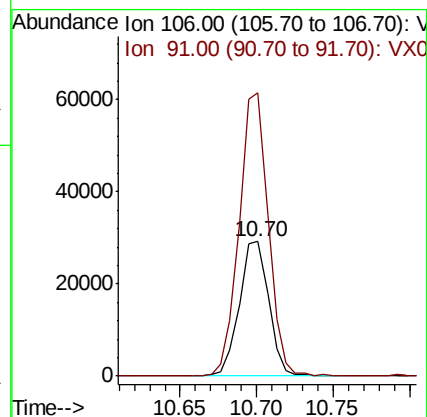
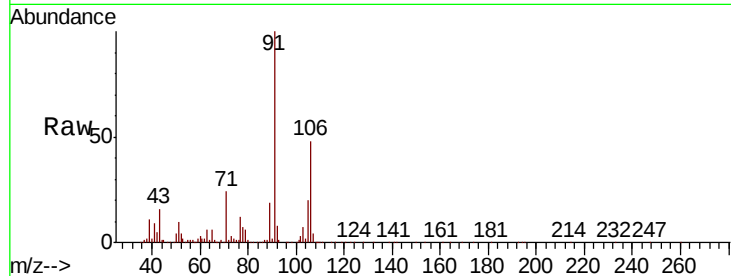




#69
o-Xylene
Concen: 4.055 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

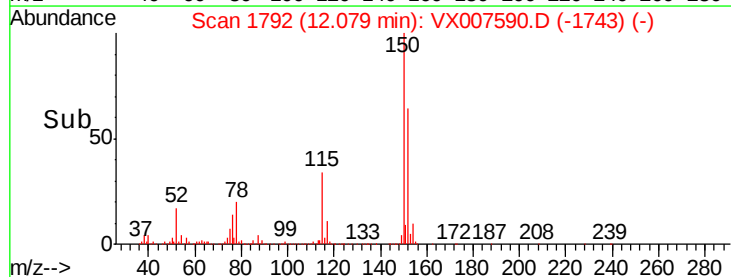
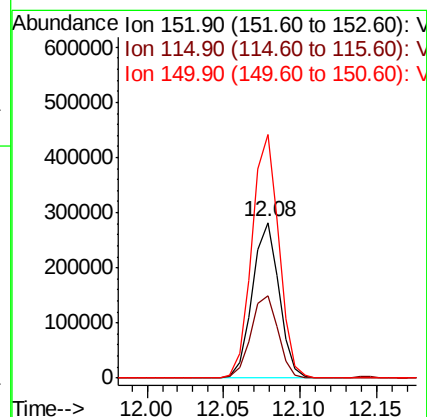
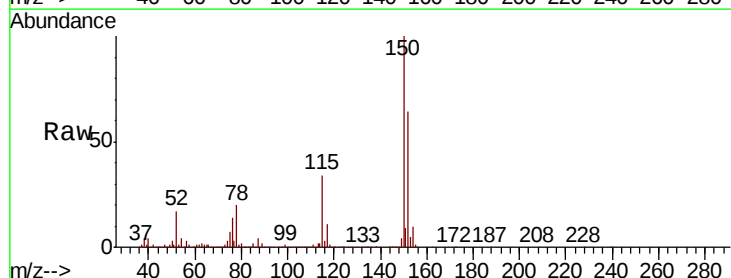
Instrument :
MSVOA_X
ClientSampleId :
M-12-S

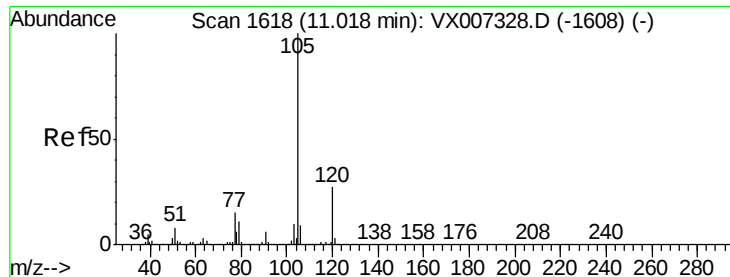
Tgt Ion:106 Resp: 39092
Ion Ratio Lower Upper
106 100
91 207.8 102.9 308.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion:152 Resp: 341035
Ion Ratio Lower Upper
152 100
115 54.1 38.0 114.0
150 158.5 0.0 346.4





#73

Isopropylbenzene

Concen: 0.274 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

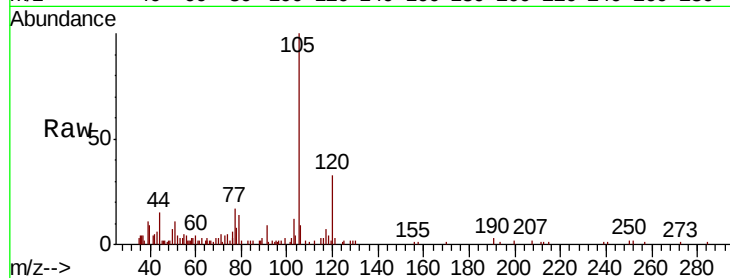
M-12-S

Tgt Ion:105 Resp: 6354

Ion Ratio Lower Upper

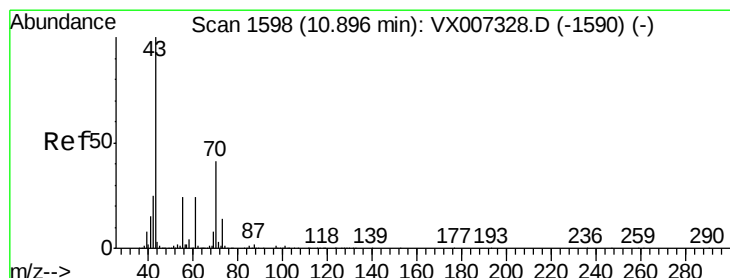
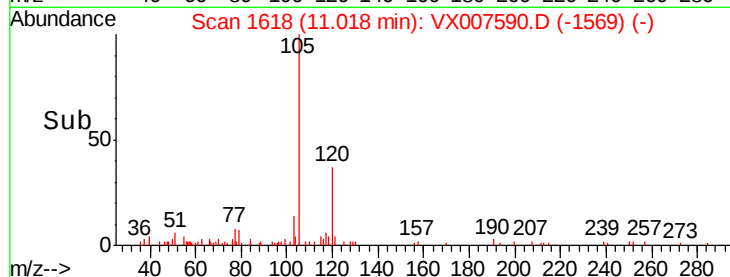
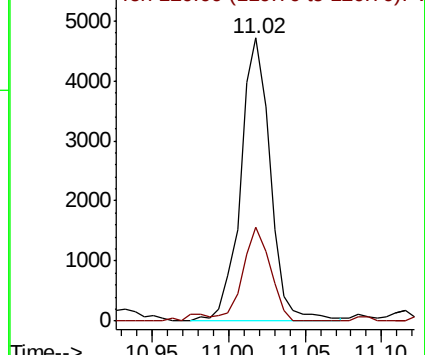
105 100

120 30.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.102 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Tgt Ion: 43 Resp: 18840

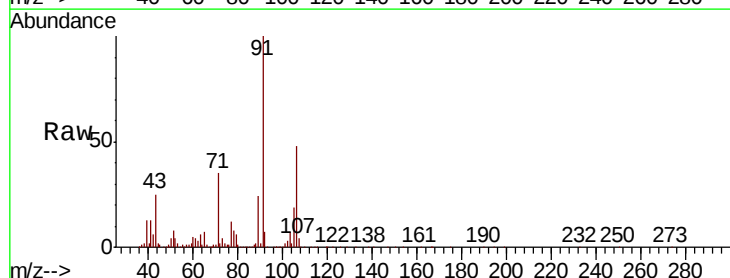
Ion Ratio Lower Upper

43 100

70 2.7 33.8 50.6#

55 7.0 19.5 29.3#

61 13.3 19.4 29.2#

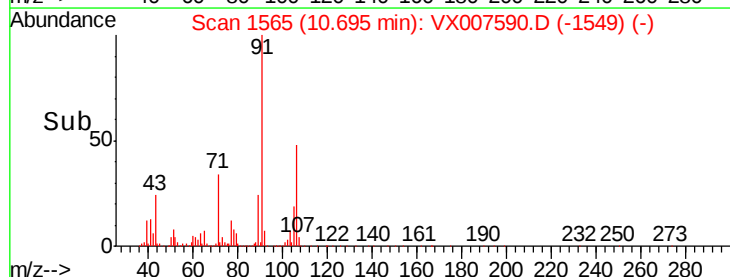
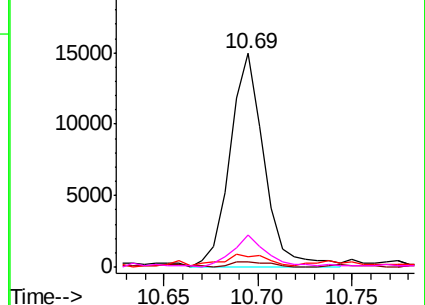


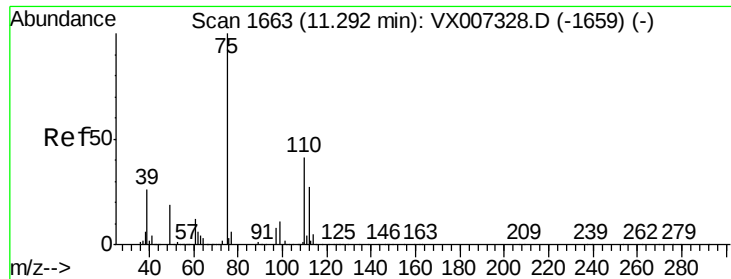
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

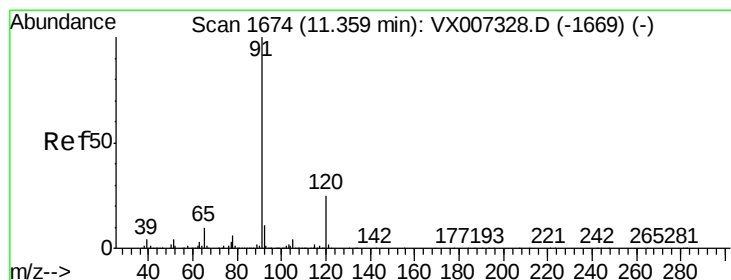
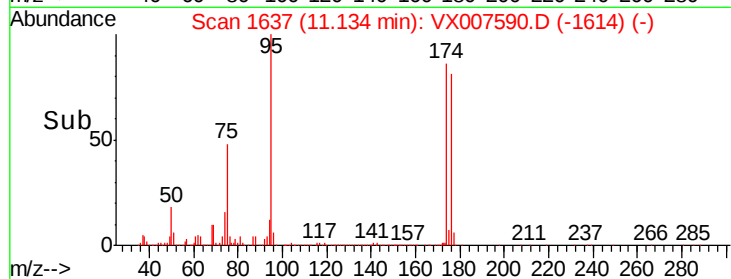
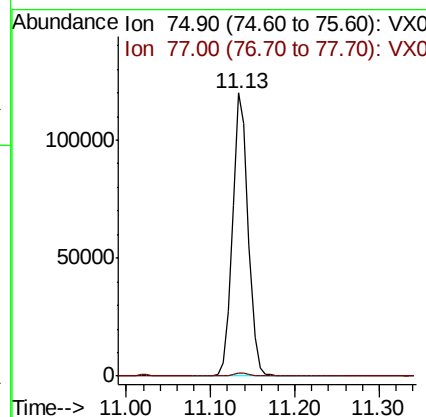
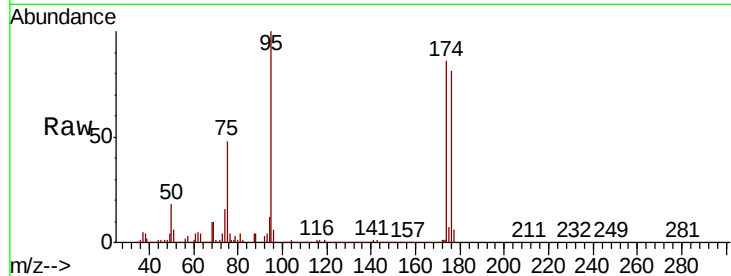




#76
 1,2,3-Trichloropropane
 Concen: 22.774 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

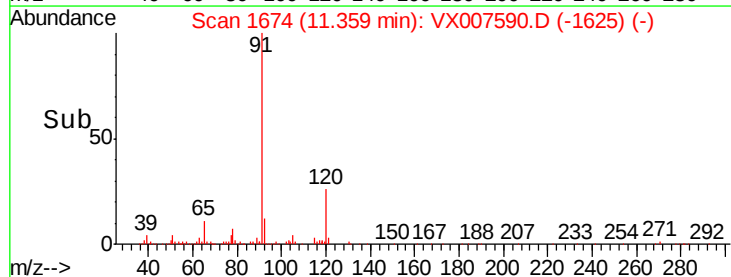
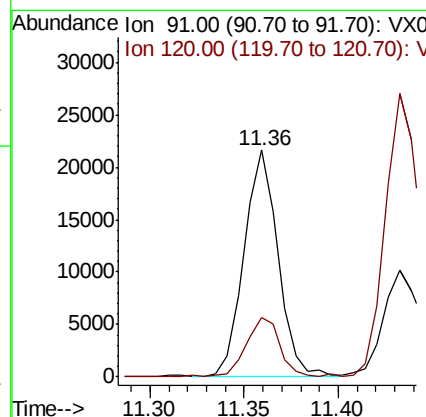
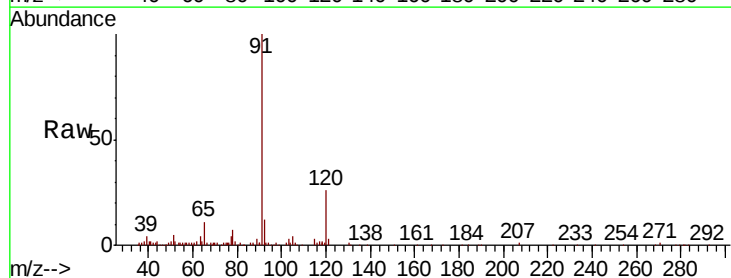
Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-S

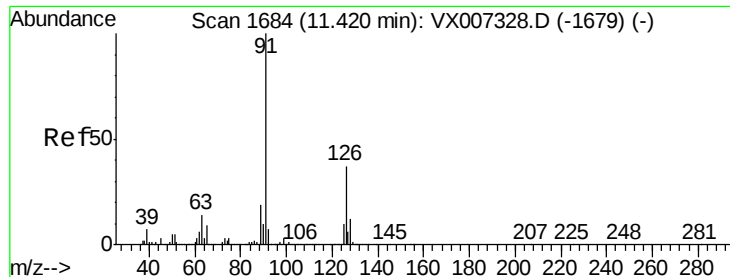
Tgt Ion: 75 Resp: 151073
 Ion Ratio Lower Upper
 75 100
 77 1.5 23.0 69.0#



#78
 n-propylbenzene
 Concen: 1.069 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

Tgt Ion: 91 Resp: 27155
 Ion Ratio Lower Upper
 91 100
 120 26.2 12.4 37.2

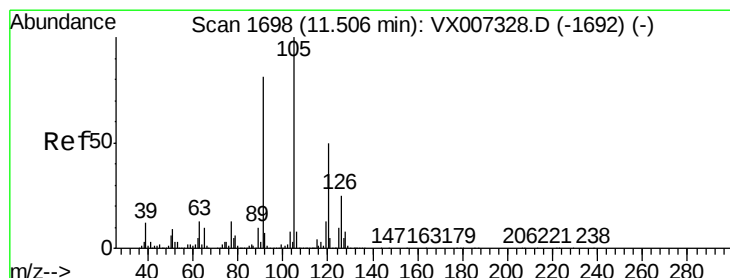
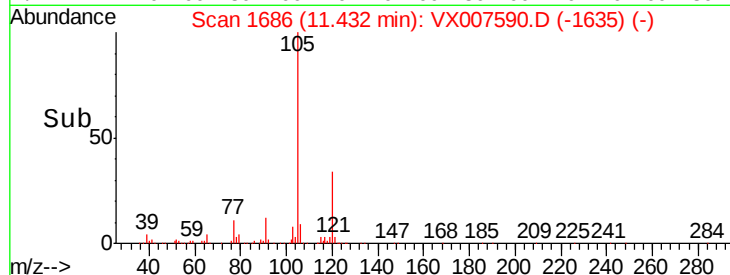
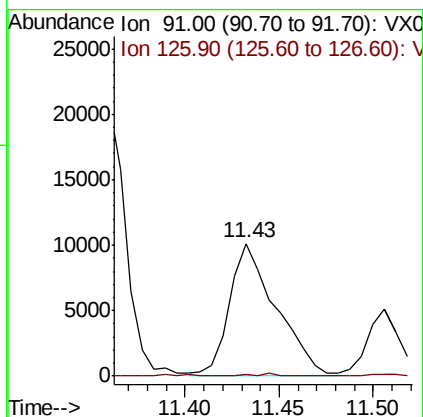
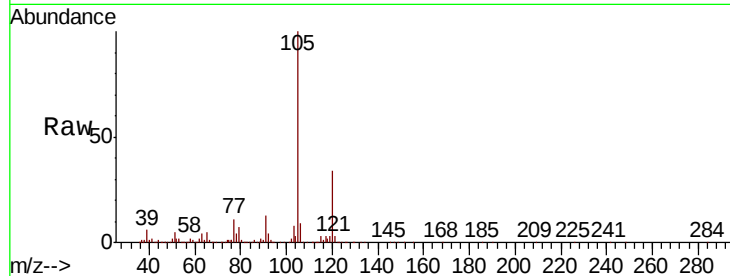




#79
 2-Chlorotoluene
 Concen: 1.124 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

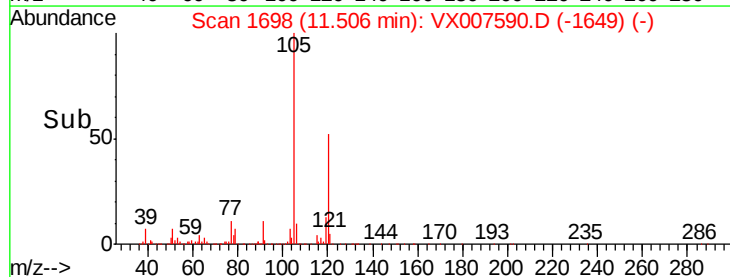
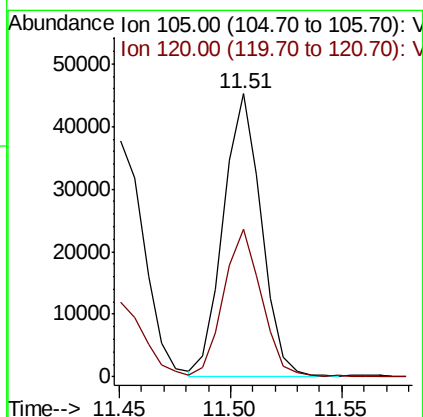
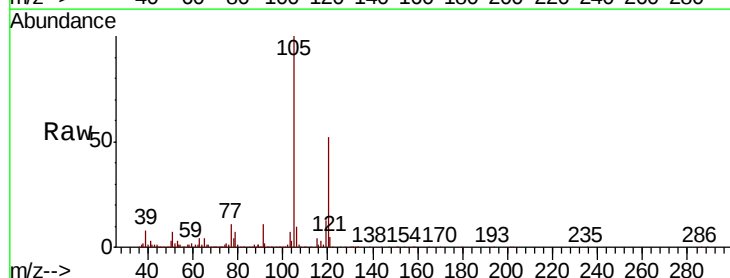
Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-S

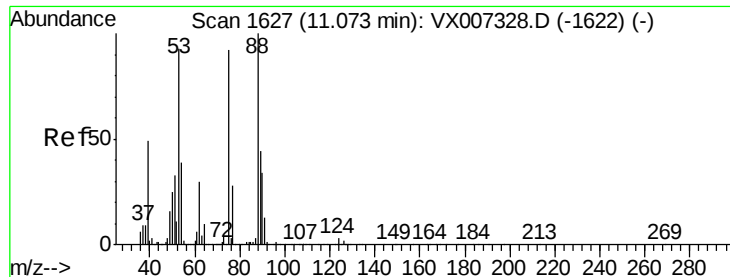
Tgt Ion: 91 Resp: 17328
 Ion Ratio Lower Upper
 91 100
 126 1.1 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.798 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

Tgt Ion: 105 Resp: 53058
 Ion Ratio Lower Upper
 105 100
 120 52.1 25.3 75.8

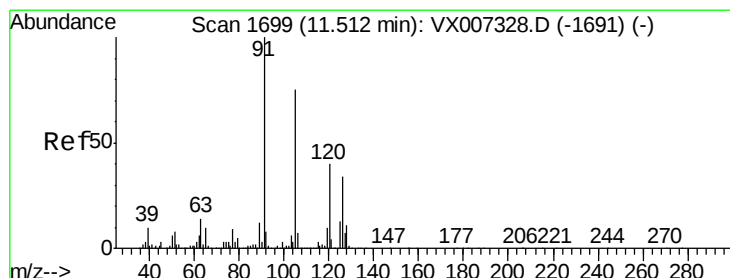
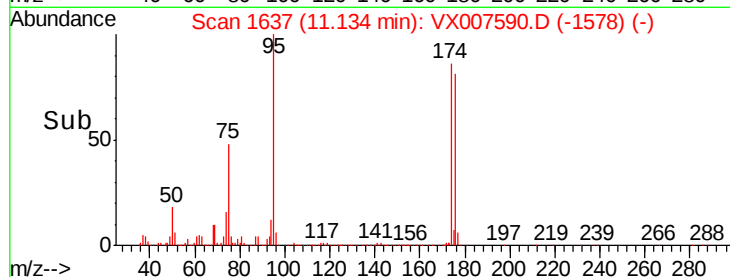
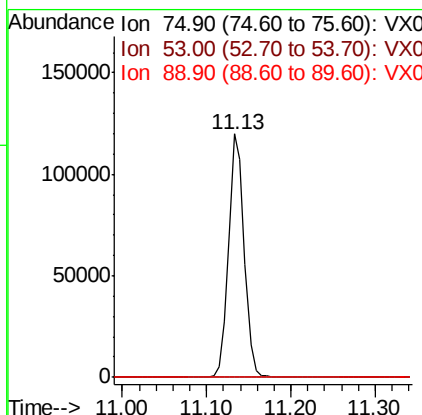
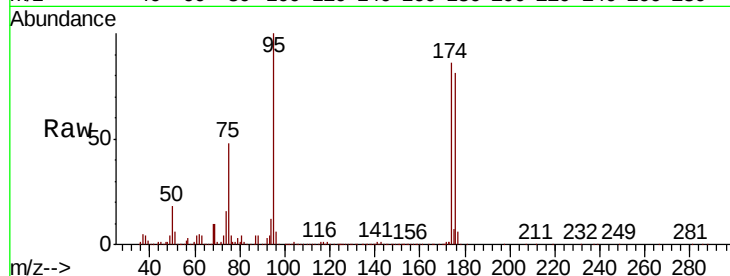




#81
trans-1,4-Dichloro-2-butene
Concen: 68.668 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

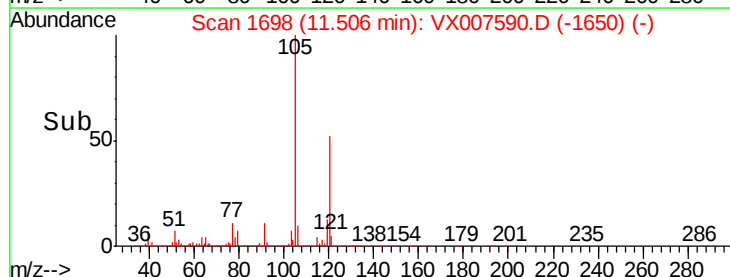
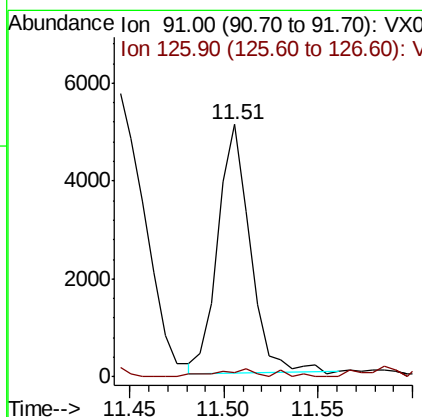
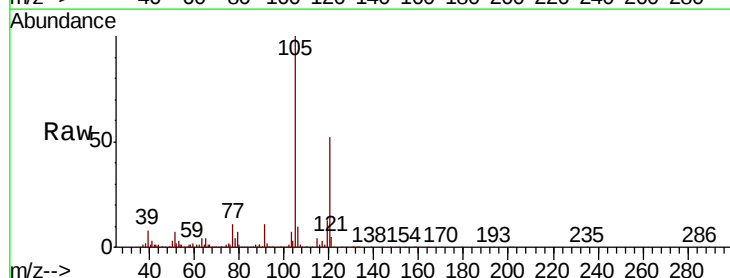
Instrument :
MSVOA_X
ClientSampleId :
M-12-S

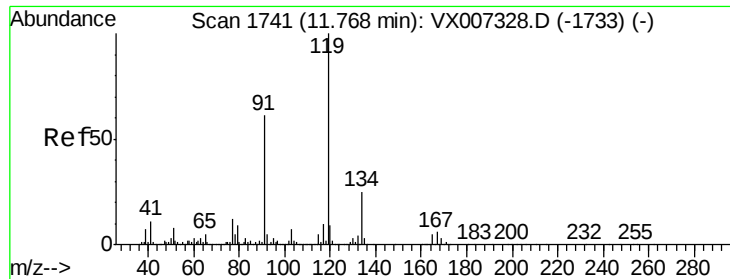
Tgt Ion: 75 Resp: 151073
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.6#
89 0.0 41.4 62.0#



#82
4-Chlorotoluene
Concen: 0.336 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion: 91 Resp: 5999
Ion Ratio Lower Upper
91 100
126 3.8 16.2 48.5#

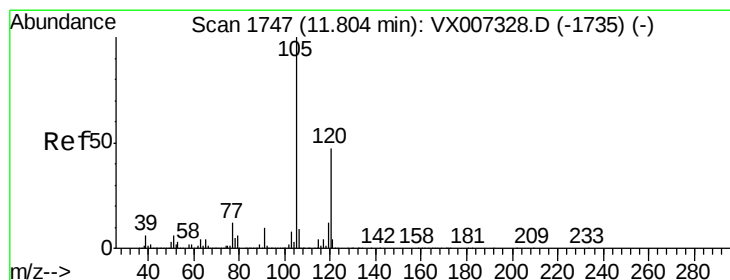
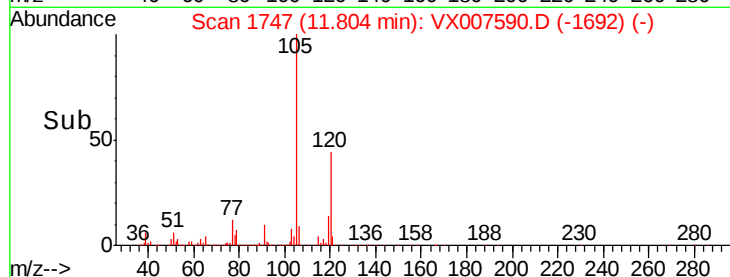
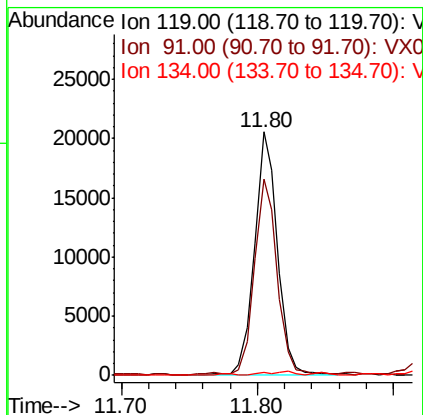
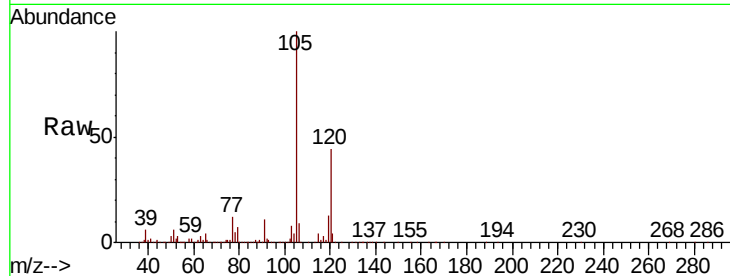




#83
tert-Butylbenzene
Concen: 1.302 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

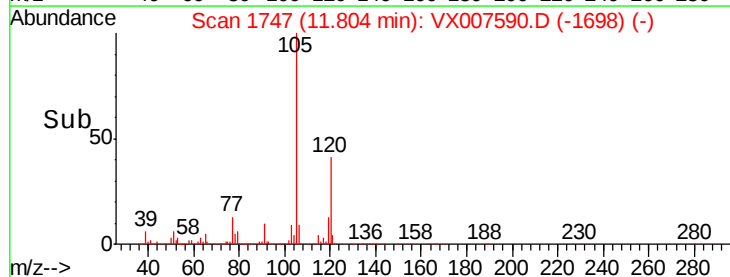
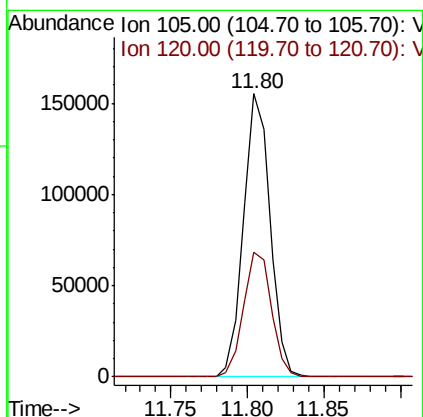
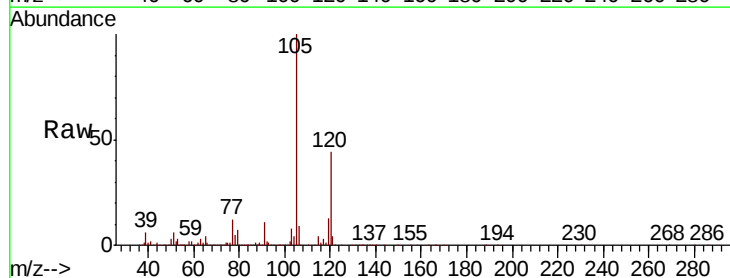
Instrument :
MSVOA_X
ClientSampled :
M-12-S

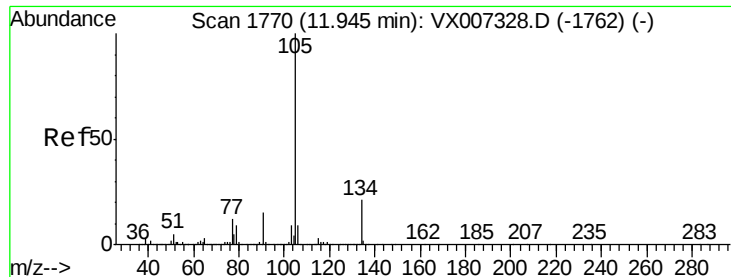
Tgt Ion:119 Resp: 24432
Ion Ratio Lower Upper
119 100
91 78.3 28.5 85.6
134 2.0 12.0 36.0#



#84
1,2,4-Trimethylbenzene
Concen: 9.733 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007590.D
Acq: 18 Feb 2019 15:59

Tgt Ion:105 Resp: 187359
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.3

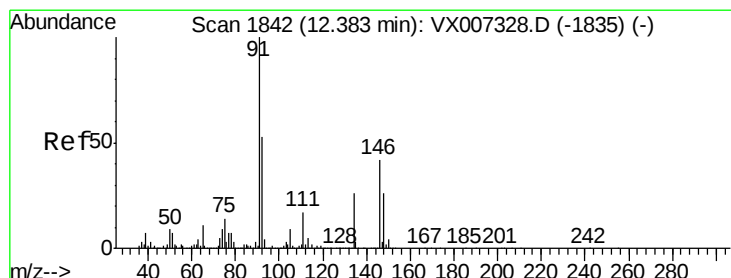
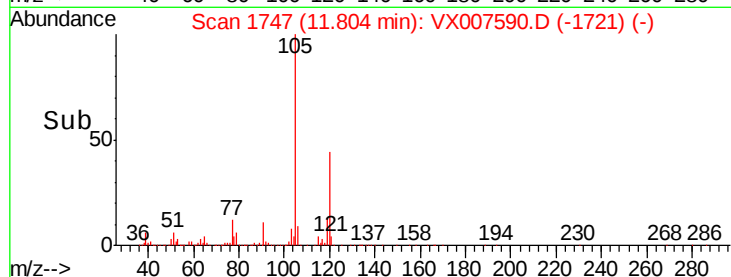
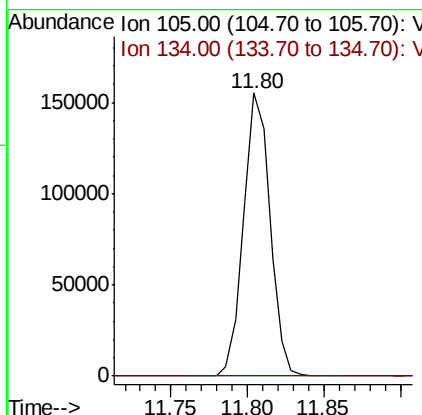
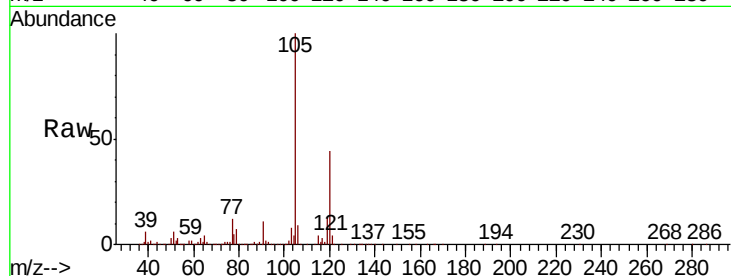




#85
 sec-Butylbenzene
 Concen: 8.247 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

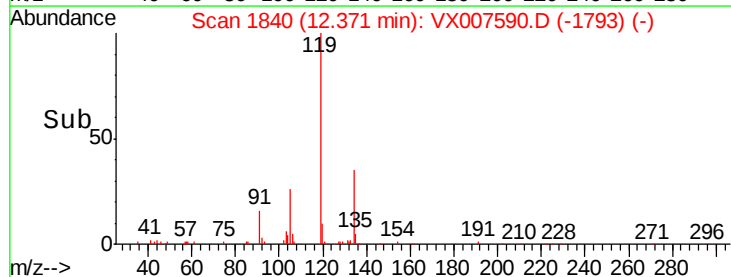
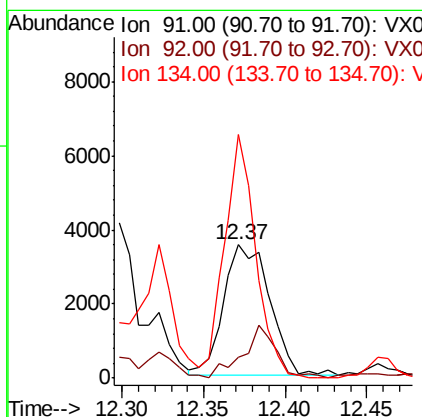
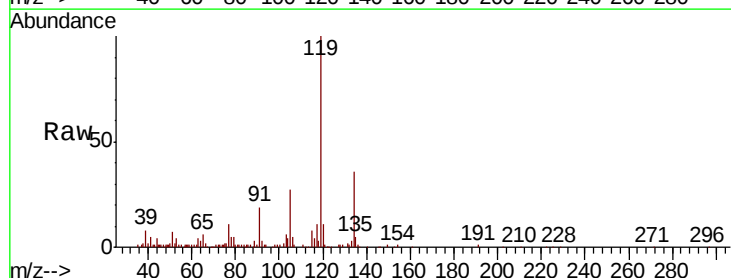
Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-S

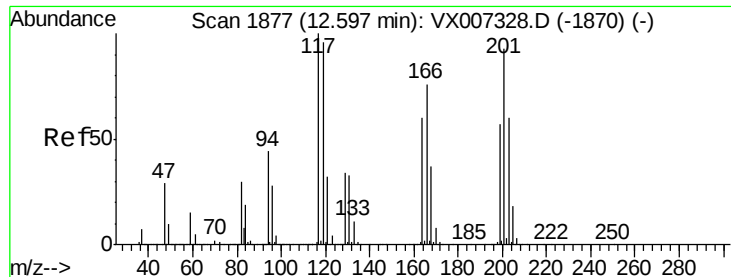
Tgt Ion: 105 Resp: 187359
 Ion Ratio Lower Upper
 105 100
 134 0.3 10.6 31.8#



#89
 n-Butylbenzene
 Concen: 0.392 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX007590.D
 Acq: 18 Feb 2019 15:59

Tgt Ion: 91 Resp: 6915
 Ion Ratio Lower Upper
 91 100
 92 29.5 26.3 78.9
 134 127.1 13.9 41.6#





#90

Hexachloroethane

Concen: 1.113 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

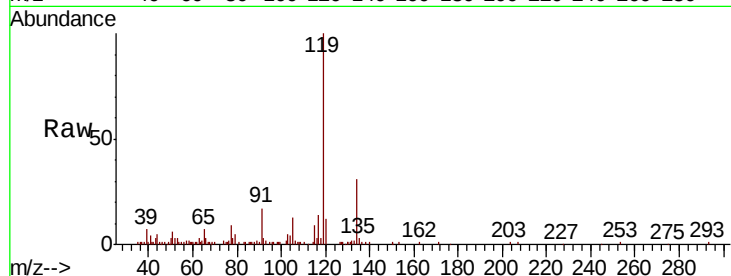
M-12-S

Tgt Ion:117 Resp: 3415

Ion Ratio Lower Upper

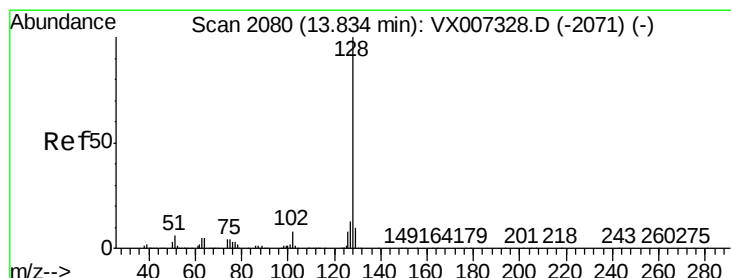
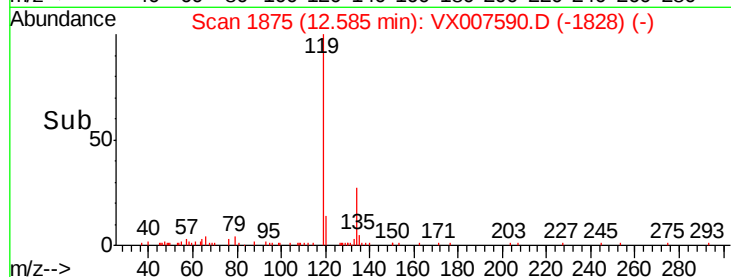
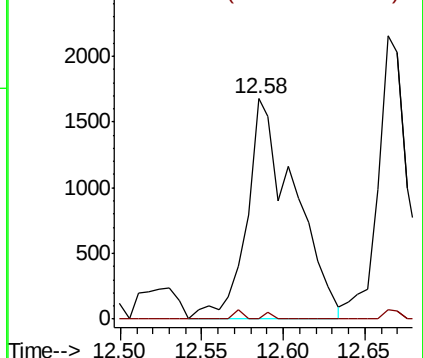
117 100

201 0.6 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 3.666 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007590.D

Acq: 18 Feb 2019 15:59

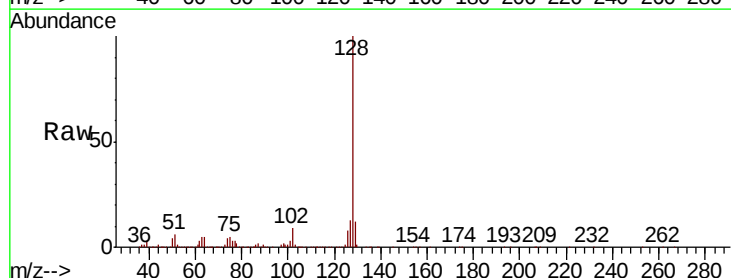
Tgt Ion:128 Resp: 84326

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.4 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

