

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007424.D
 Acq On : 07 Feb 2019 14:42
 Operator : JC/SP
 Sample : K1389-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-7-S

Quant Time: Feb 08 22:09:18 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	5.66	168	527053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	815892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	800086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	283953	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.50	113	260753	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.71	98	1004188	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	360709	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	243	0.215	ug/l #	1
5) Bromomethane	1.65	94	485	Below Cal	#	15
11) Tert butyl alcohol	3.07	59	6410	5.537	ug/l #	69
13) Acrolein	2.29	56	856	1.577	ug/l #	49
14) Allyl chloride	2.86	41	131545	16.043	ug/l #	26
15) Acrylonitrile	3.15	53	721	0.252	ug/l #	17
16) Acetone	2.45	43	43121	16.827	ug/l	99
17) Carbon Disulfide	2.57	76	1899	2.259	ug/l #	80
18) Methyl Acetate	2.78	43	9595	2.013	ug/l	99
20) Methylene Chloride	2.86	84	3722389	716.401	ug/l	98
25) 2-Butanone	4.70	43	14329	3.929	ug/l #	74
29) Tetrahydrofuran	5.16	42	3052	1.331	ug/l #	58
30) Chloroform	5.21	83	1900	0.210	ug/l	93
36) 1,1-Dichloropropene	5.66	75	33347	4.555	ug/l #	49
38) Carbon Tetrachloride	5.66	117	48347	6.807	ug/l #	18
39) Methylcyclohexane	7.46	83	1799	0.203	ug/l #	67
43) Isopropyl Acetate	6.46	43	25724	2.252	ug/l	96
48) Methyl methacrylate	7.68	41	12419	2.174	ug/l #	14
49) 1,4-Dioxane	7.74	88	267	8.920	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	125374	16.674	ug/l #	51
52) Toluene	8.78	92	56982	4.096	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	61648	7.842	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	14830	1.608	ug/l #	43
59) 2-Hexanone	9.54	43	196532	33.588	ug/l #	51
67) Ethyl Benzene	10.25	91	56976	2.026	ug/l	97
68) m/p-Xylenes	10.36	106	94127	8.422	ug/l	100
69) o-Xylene	10.70	106	39161	3.641	ug/l	94
73) Isopropylbenzene	11.02	105	6734	0.250	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	175753	22.754	ug/l #	32
78) n-propylbenzene	11.36	91	31537	1.066	ug/l	98
79) 2-Chlorotoluene	11.43	91	19230	1.071	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	60109	2.723	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	175753	68.612	ug/l #	9
82) 4-Chlorotoluene	11.51	91	7199	0.347	ug/l #	48

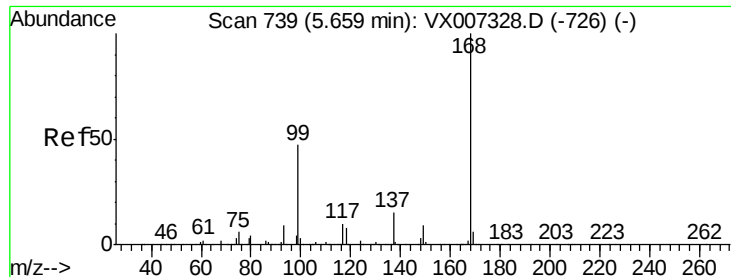
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020719\
Data File : VX007424.D
Acq On : 07 Feb 2019 14:42
Operator : JC/SP
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M-7-S

Quant Time: Feb 08 22:09:18 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)
84) 1,2,4-Trimethylbenzene	11.80	105	205594	9.173	ug/l	98
85) sec-Butylbenzene	11.80	105	205594	7.772	ug/l #	55
89) n-Butylbenzene	12.37	91	8771	0.427	ug/l #	10
90) Hexachloroethane	12.58	117	3266	0.914	ug/l #	5
95) Naphthalene	13.83	128	140999	5.265	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

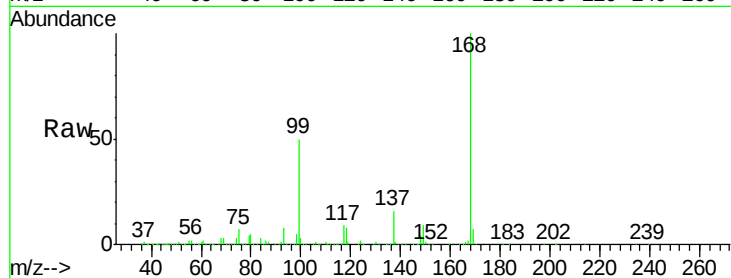
M-7-S

Tot Ion:168 Resp: 527053

Ion Ratio Lower Upper

168 100

99 50.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

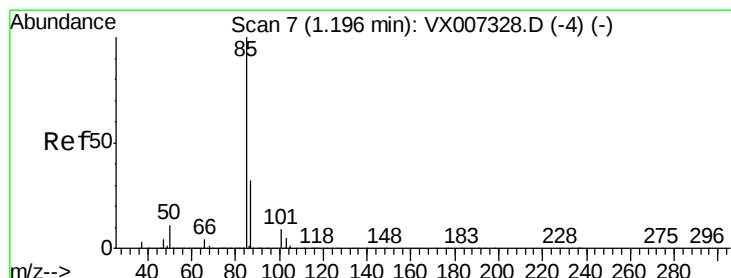
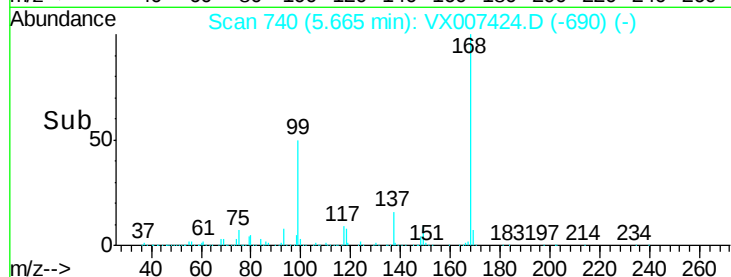
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.215 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007424.D

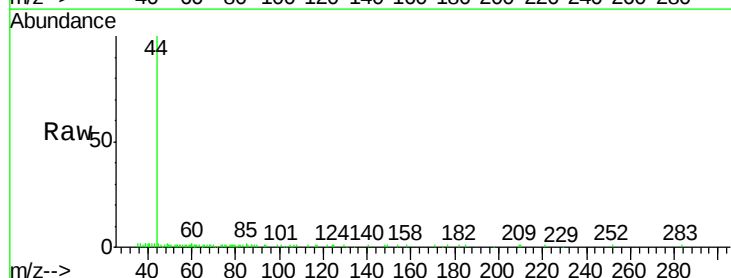
Acq: 07 Feb 2019 14:42

Tgt Ion: 85 Resp: 243

Ion Ratio Lower Upper

85 100

87 96.6 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

200

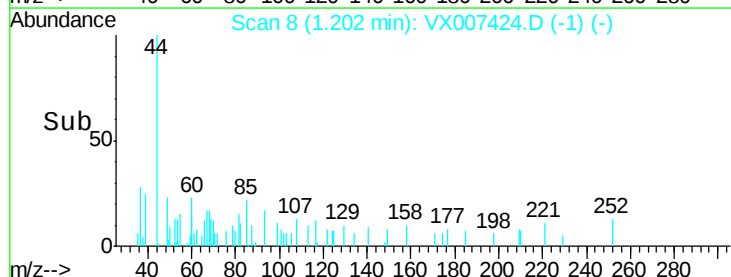
150

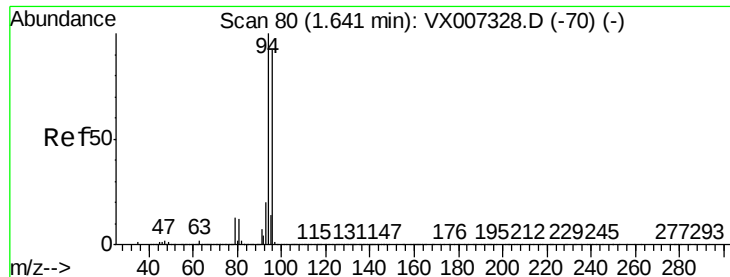
100

50

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: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

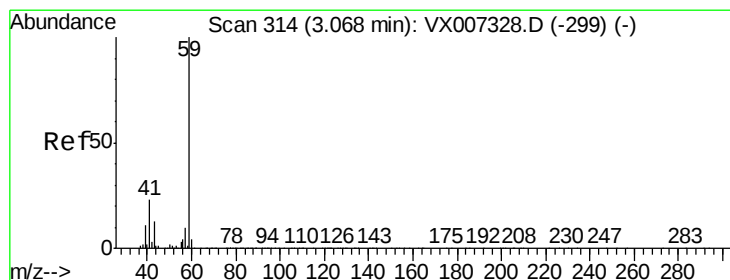
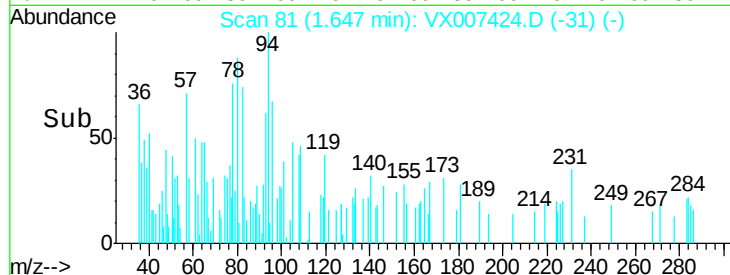
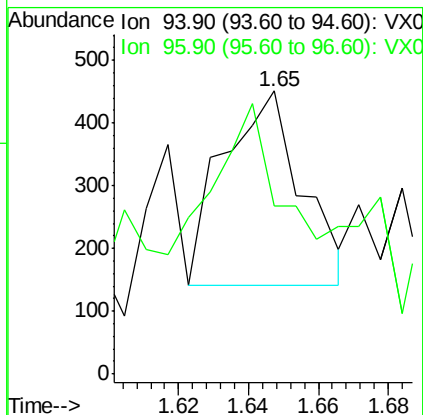
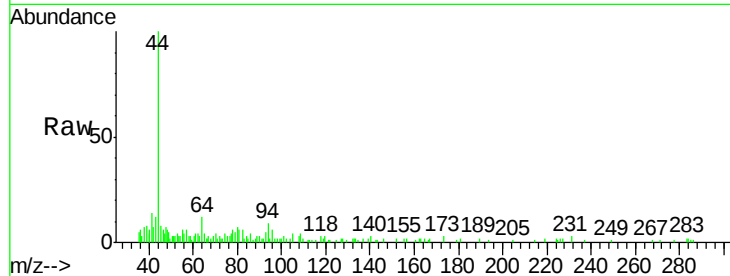
M-7-S

Tot Ion: 94 Resp: 485

Ion Ratio Lower Upper

94 100

96 11.0 73.9 110.9#



#11

Tert butyl alcohol

Concen: 5.537 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.00 min

Lab File: VX007424.D

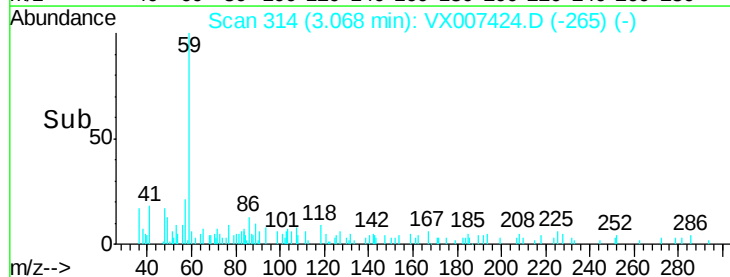
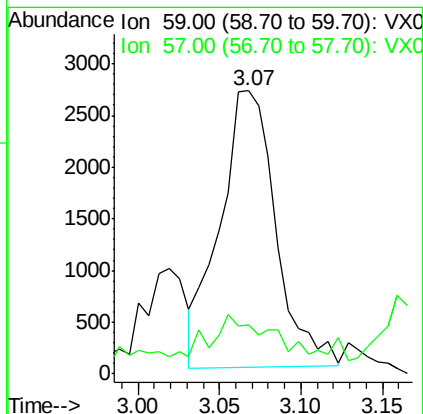
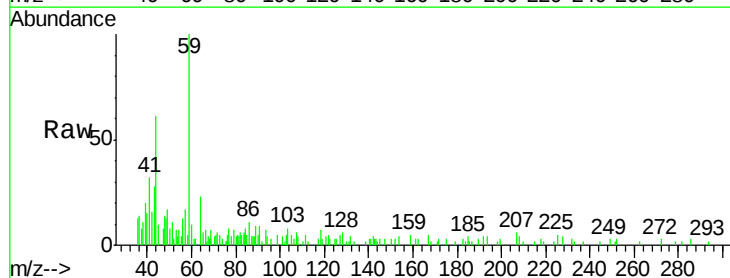
Acq: 07 Feb 2019 14:42

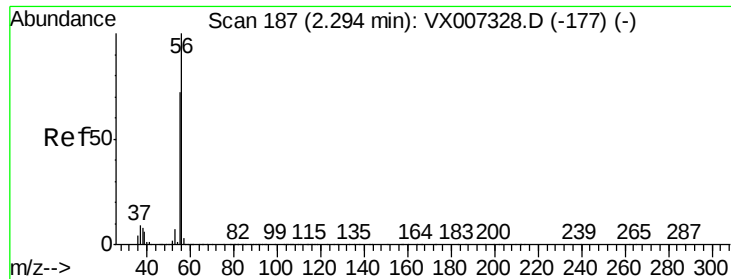
Tgt Ion: 59 Resp: 6410

Ion Ratio Lower Upper

59 100

57 21.5 8.1 12.1#

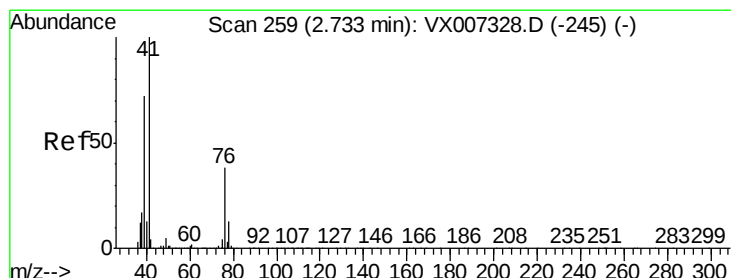
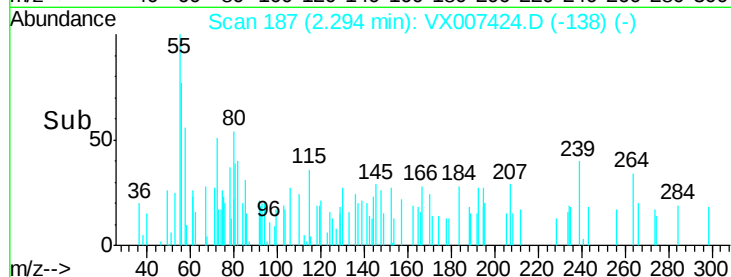
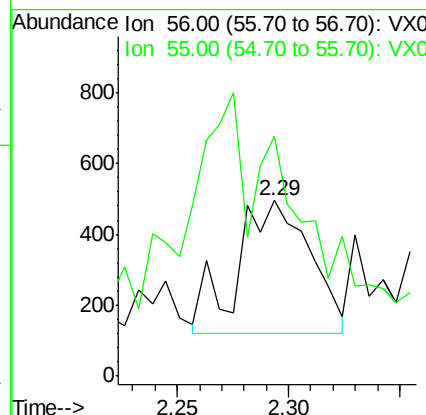
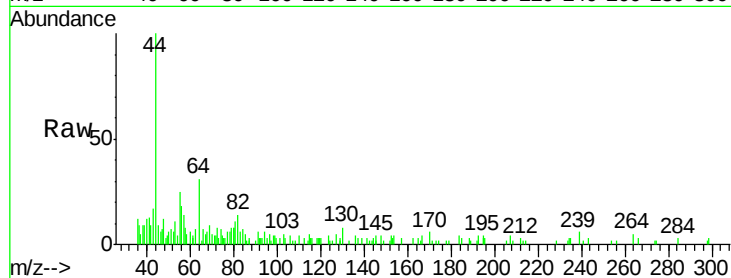




#13
Acrolein
Concen: 1.577 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

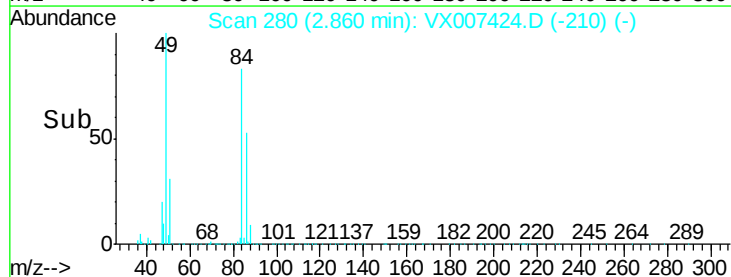
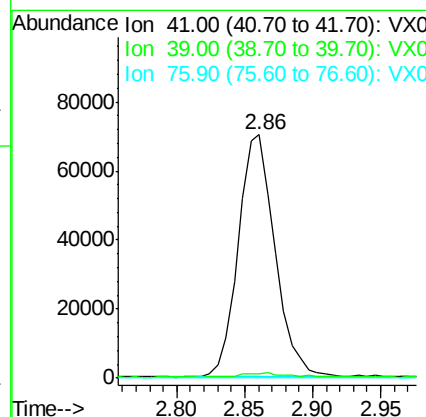
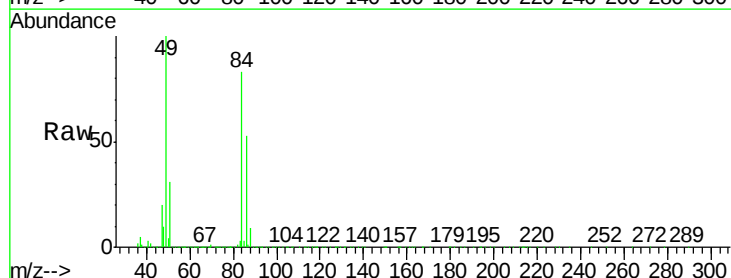
Instrument :
MSVOA_X
ClientSampled :
M-7-S

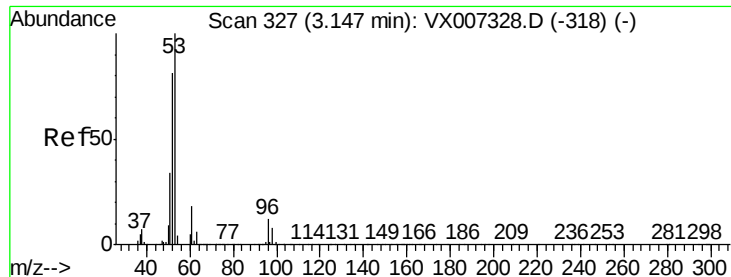
Tot Ion: 56 Resp: 856
Ion Ratio Lower Upper
56 100
55 113.4 56.9 85.3#



#14
Allyl chloride
Concen: 16.043 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion: 41 Resp: 131545
Ion Ratio Lower Upper
41 100
39 1.9 54.1 81.1#
76 0.1 27.8 41.8#





#15

Acrylonitrile

Concen: 0.252 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

M-7-S

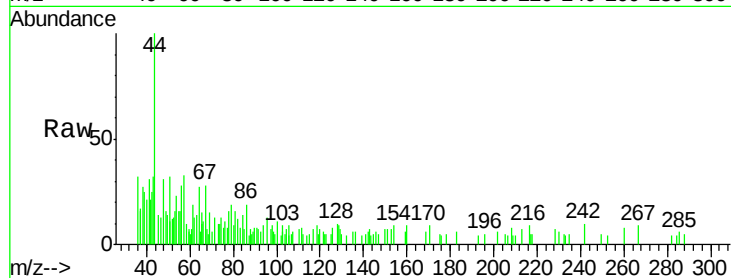
Tot Ion: 53 Resp: 721

Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

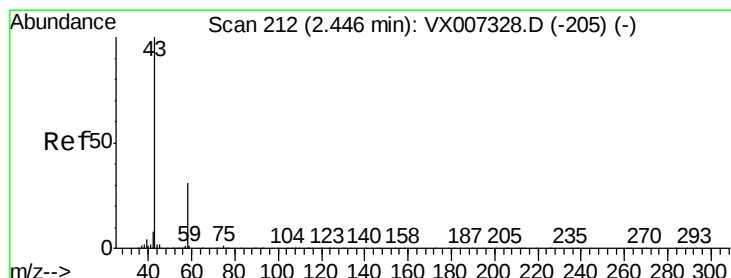
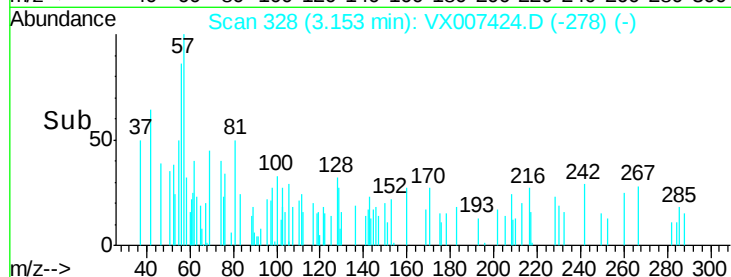
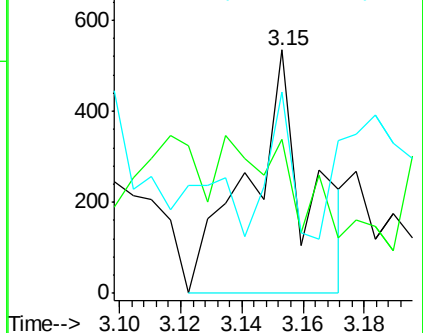
51 0.0 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 16.827 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007424.D

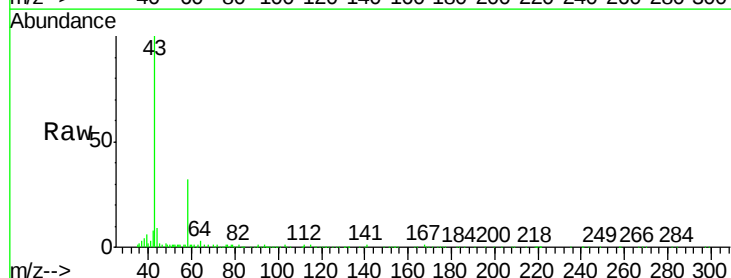
Acq: 07 Feb 2019 14:42

Tgt Ion: 43 Resp: 43121

Ion Ratio Lower Upper

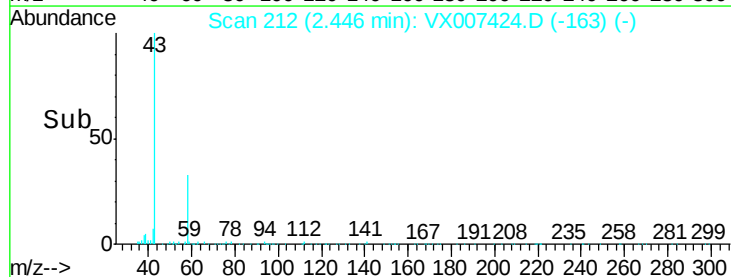
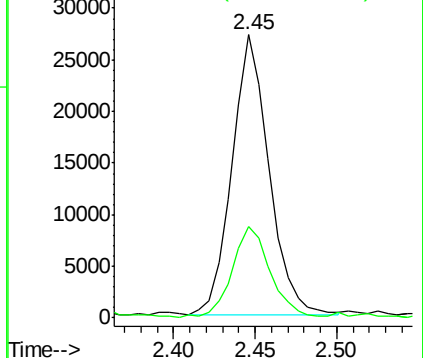
43 100

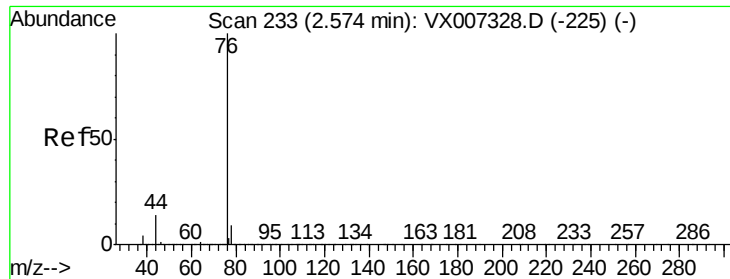
58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.259 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

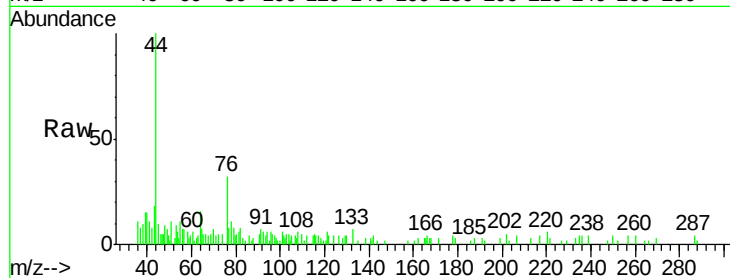
M-7-S

Tot Ion: 76 Resp: 1899

Ion Ratio Lower Upper

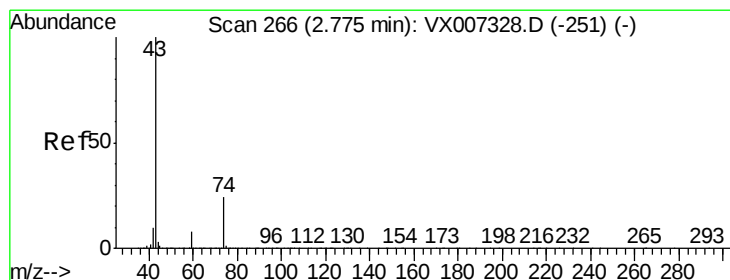
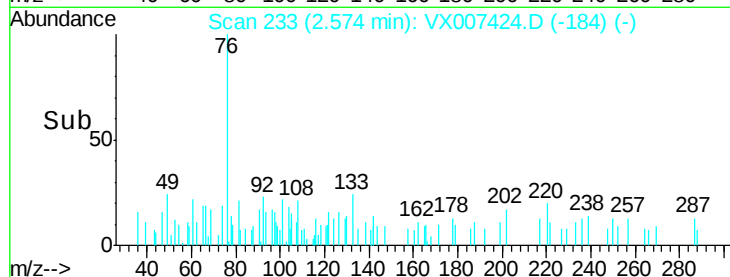
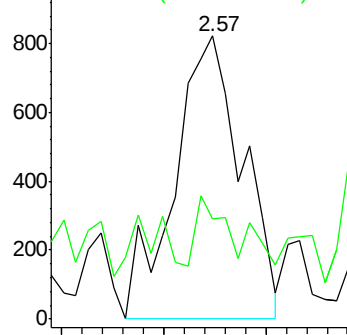
76 100

78 16.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.013 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007424.D

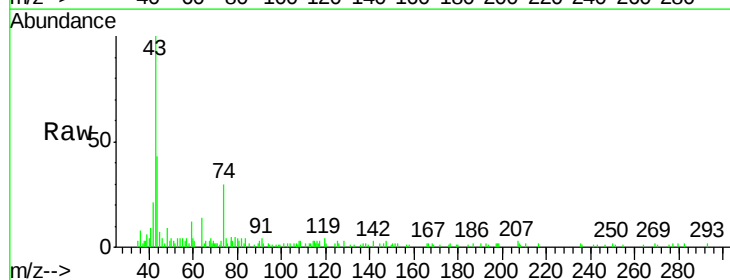
Acq: 07 Feb 2019 14:42

Tgt Ion: 43 Resp: 9595

Ion Ratio Lower Upper

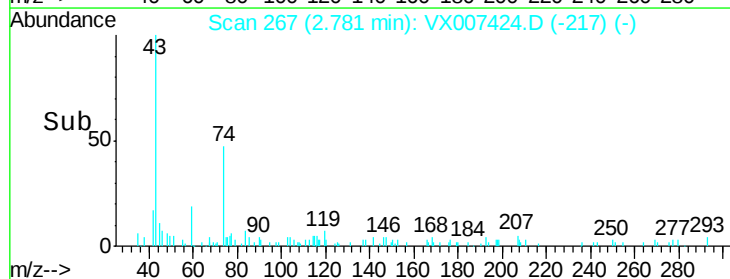
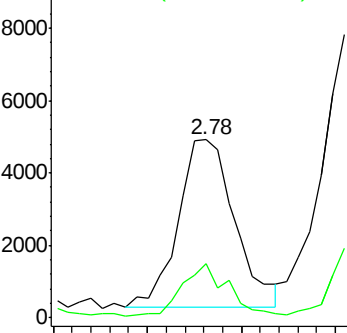
43 100

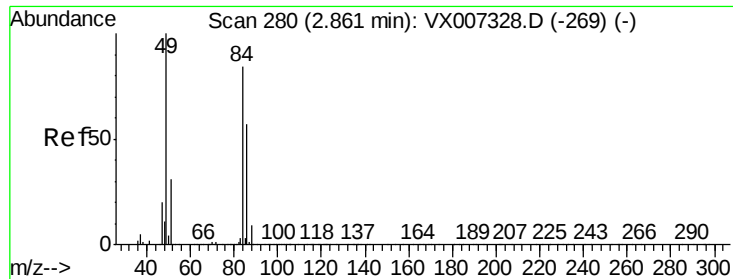
74 24.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



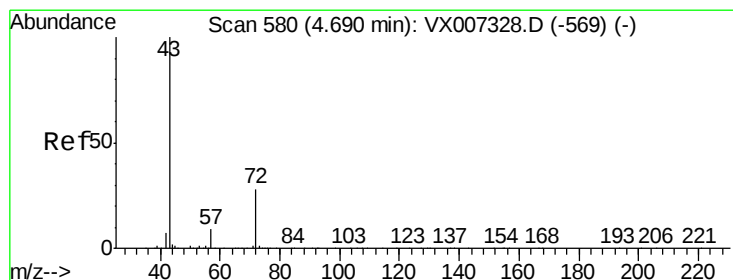
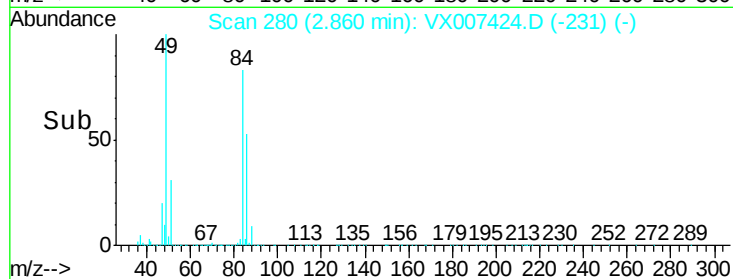
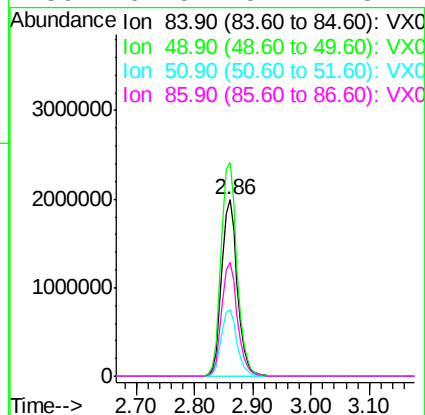
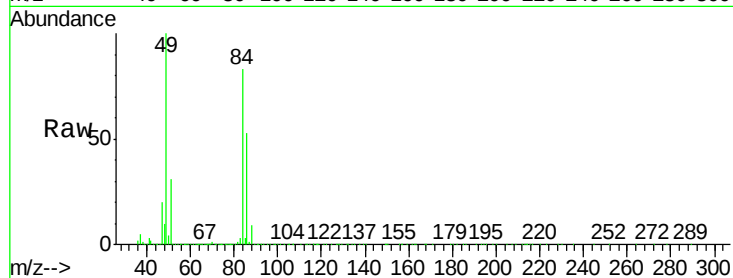


#20
Methvlene Chloride
Concen: 716.401 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
M-7-S

Tot Ion: 84 Resp: 3722389

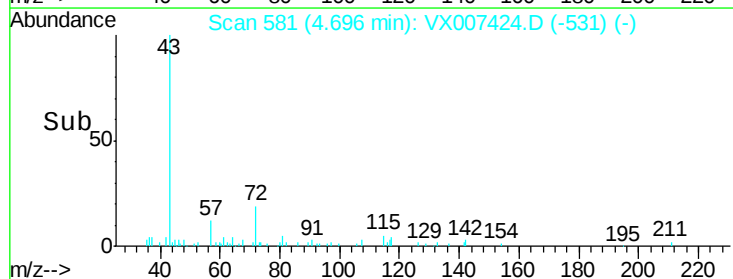
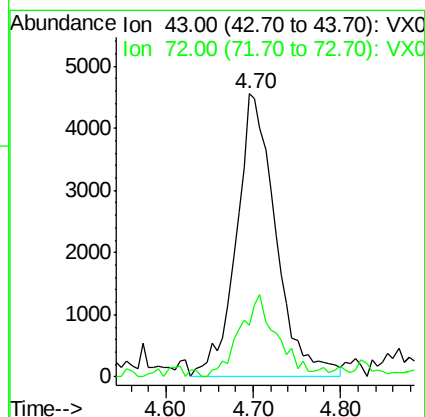
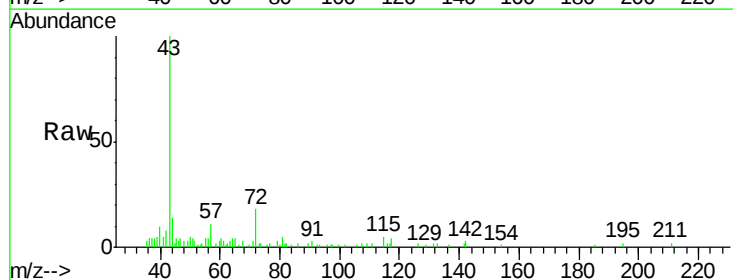
Ion	Ratio	Lower	Upper
84	100		
49	121.0	94.8	142.2
51	37.5	29.8	44.8
86	64.5	54.1	81.1

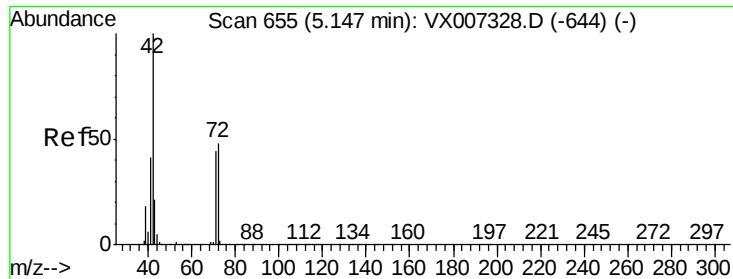


#25
2-Butanone
Concen: 3.929 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion: 43 Resp: 14329

Ion	Ratio	Lower	Upper
43	100		
72	14.3	22.2	33.2#

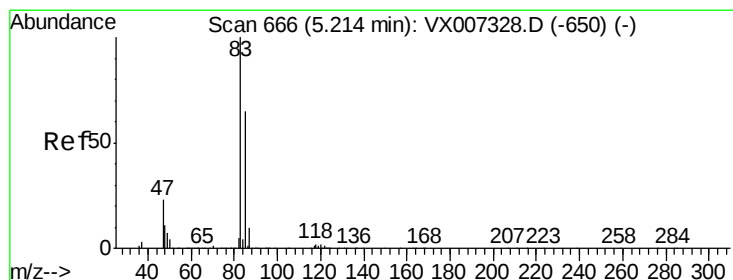
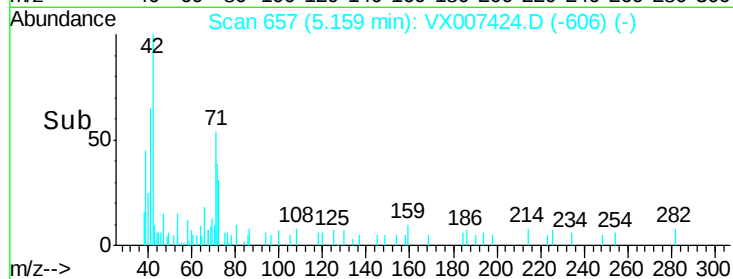
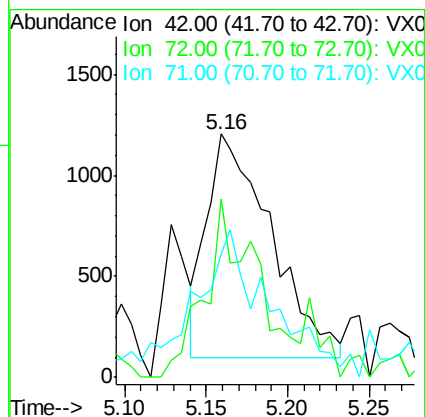
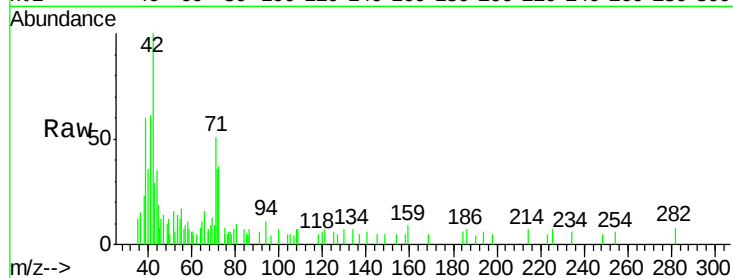




#29
Tetrahydrofuran
Concen: 1.331 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

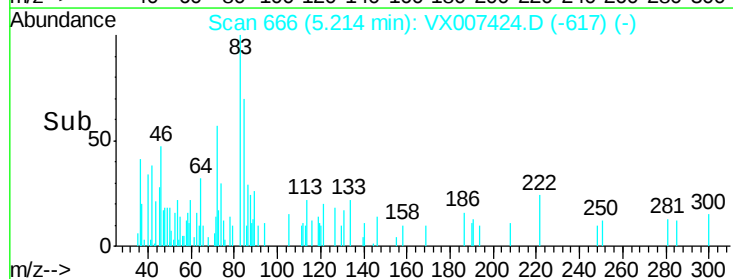
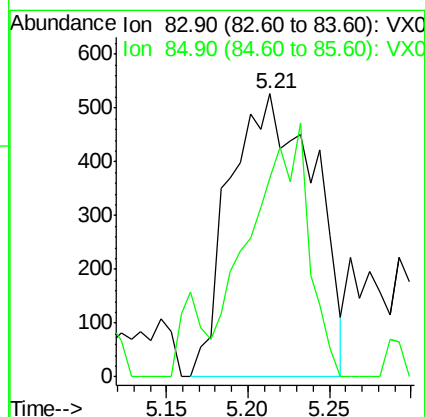
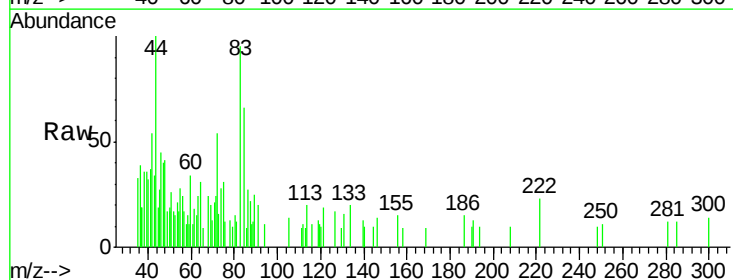
Instrument :
MSVOA_X
ClientSampled :
M-7-S

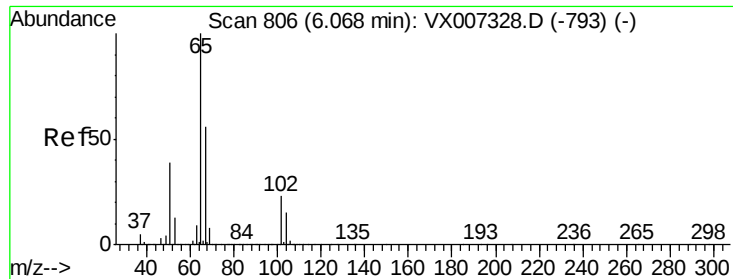
Tot Ion: 42 Resp: 3052
Ion Ratio Lower Upper
42 100
72 64.7 37.6 56.4#
71 80.4 34.6 51.8#



#30
Chloroform
Concen: 0.210 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion: 83 Resp: 1900
Ion Ratio Lower Upper
83 100
85 70.0 51.6 77.4

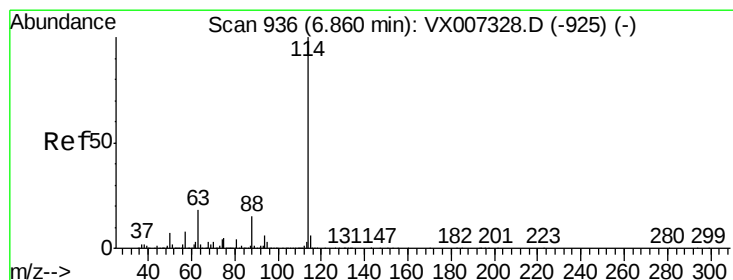
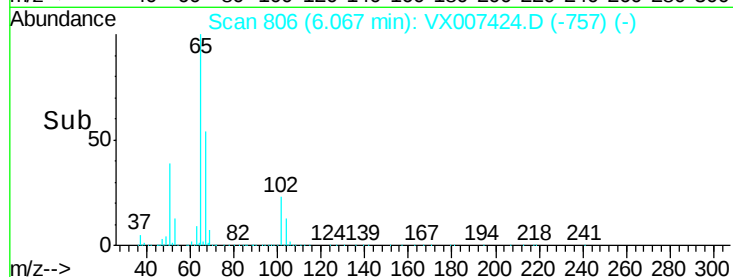
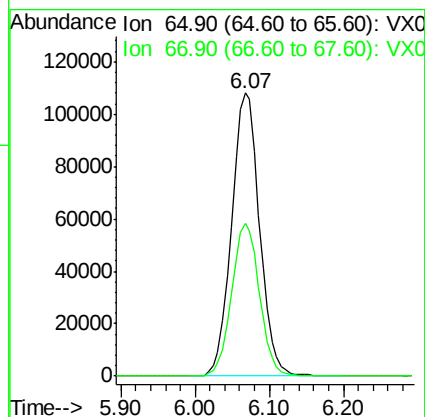
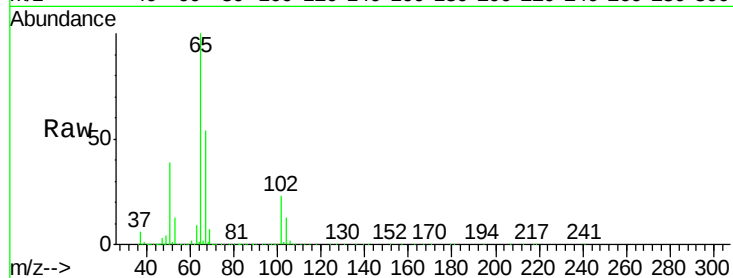




#33
 1,2-Dichloroethane-d4
 Concen: 50.758 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007424.D
 Acq: 07 Feb 2019 14:42

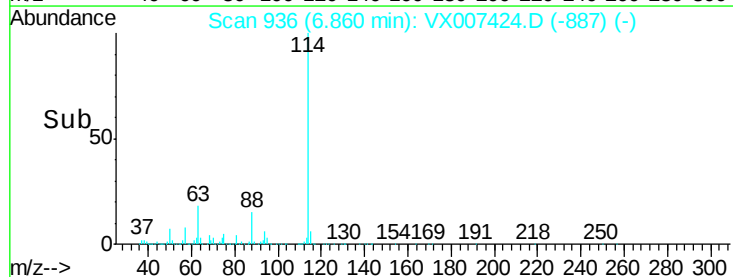
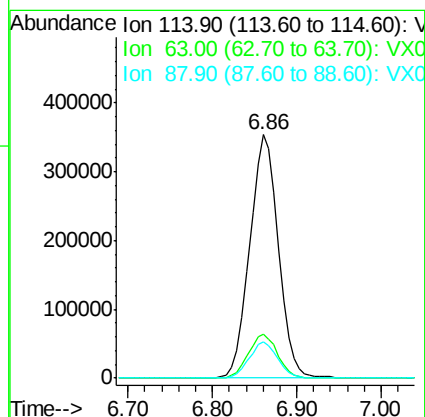
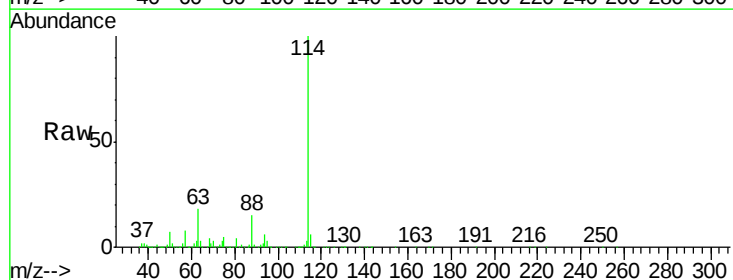
Instrument :
 MSVOA_X
 ClientSampleId :
 M-7-S

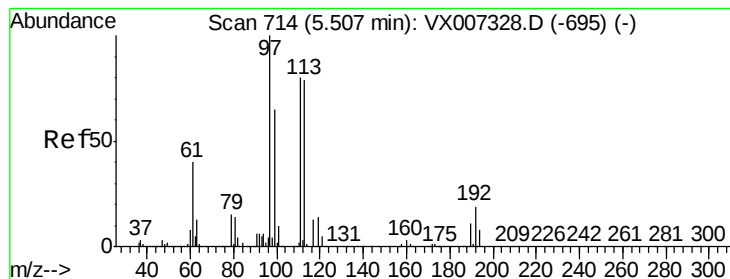
Tot Ion: 65 Resp: 283953
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007424.D
 Acq: 07 Feb 2019 14:42

Tgt Ion: 114 Resp: 815892
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.118 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

M-7-S

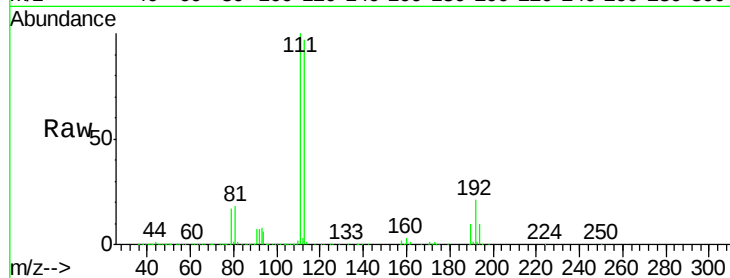
Tot Ion:113 Resp: 260753

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

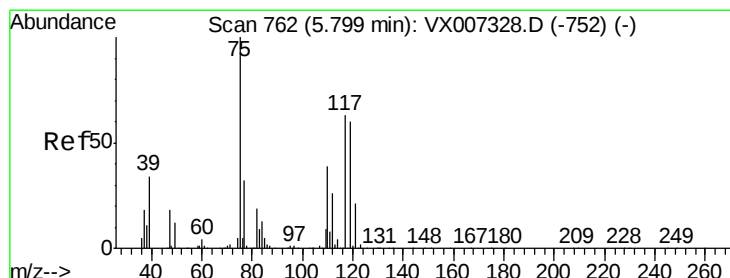
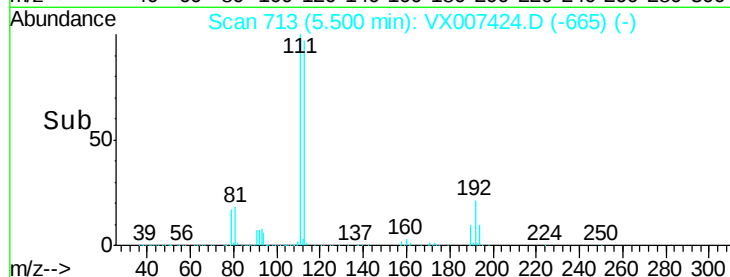
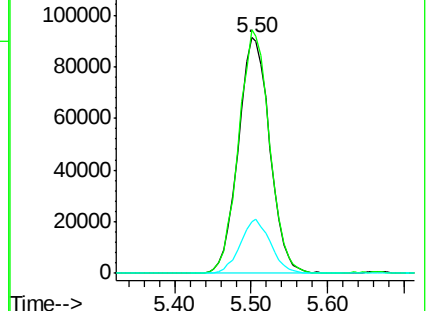
192 22.3 18.5 27.7



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: 4.555 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

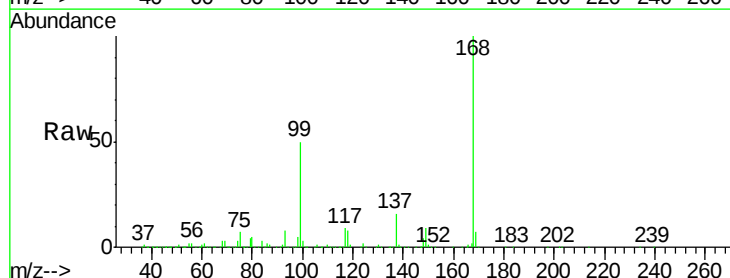
Tgt Ion: 75 Resp: 33347

Ion Ratio Lower Upper

75 100

110 11.2 20.0 59.9#

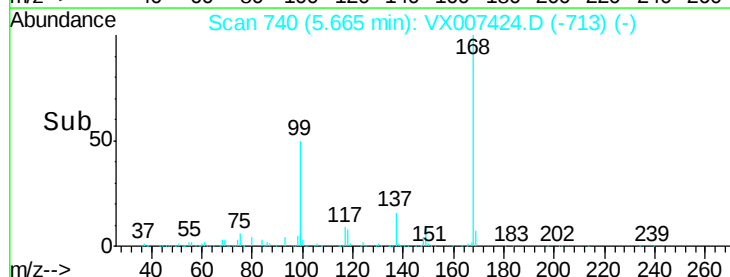
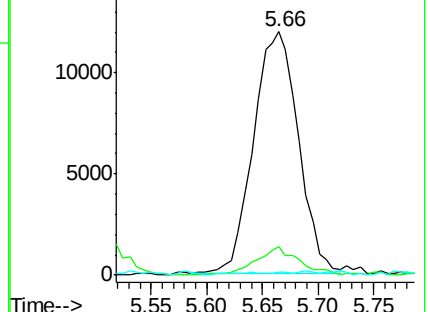
77 0.2 24.7 37.1#

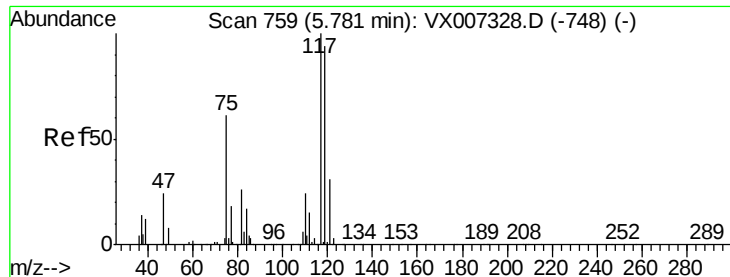


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.807 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

M-7-S

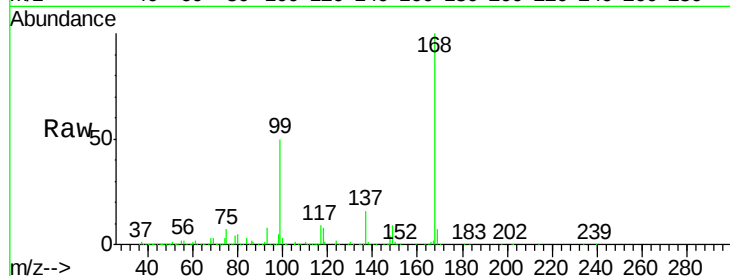
Tot Ion:117 Resp: 48347

Ion Ratio Lower Upper

117 100

119 6.1 75.3 112.9#

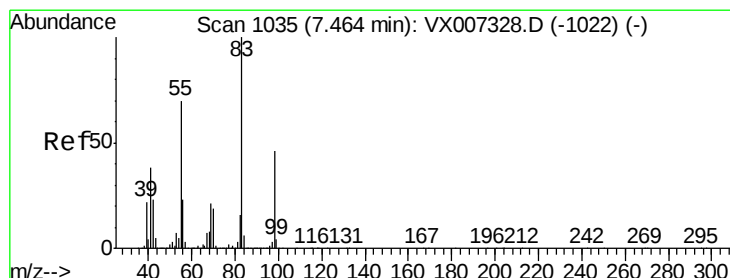
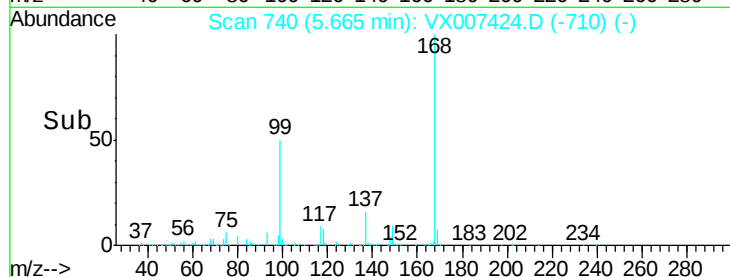
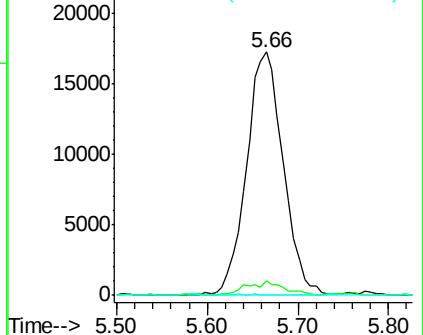
121 0.0 25.0 37.4#



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: 0.203 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

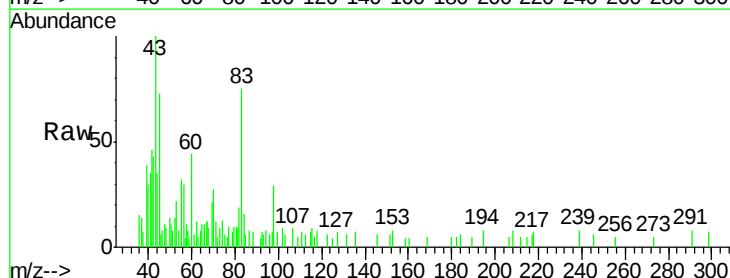
Tgt Ion: 83 Resp: 1799

Ion Ratio Lower Upper

83 100

55 31.1 56.2 84.2#

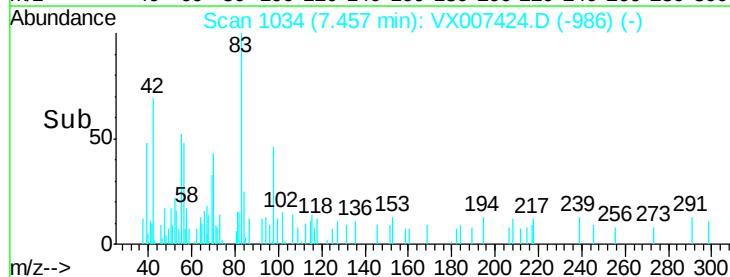
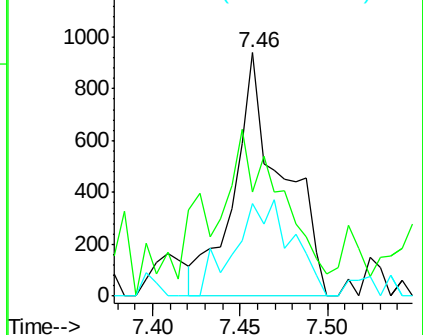
98 38.2 36.8 55.2

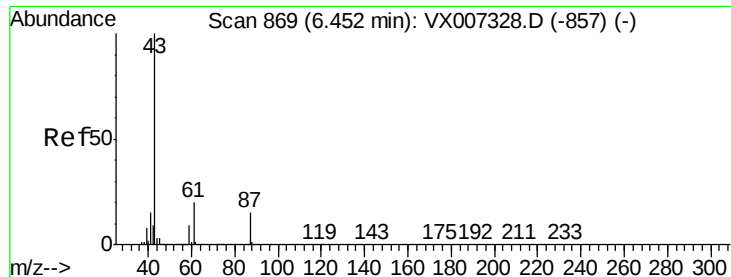


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 2.252 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

M-7-S

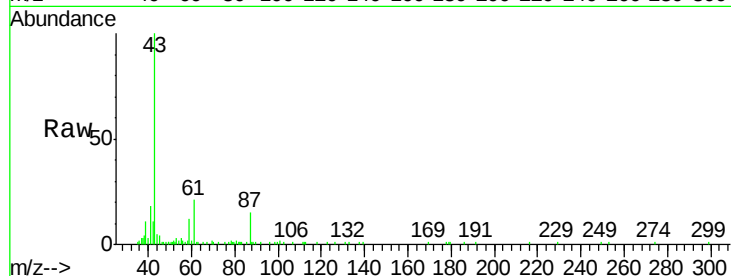
Tot Ion: 43 Resp: 25724

Ion Ratio Lower Upper

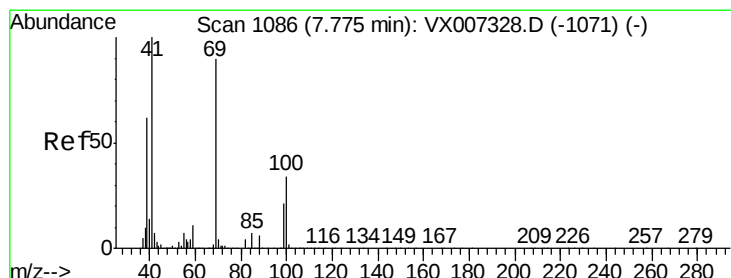
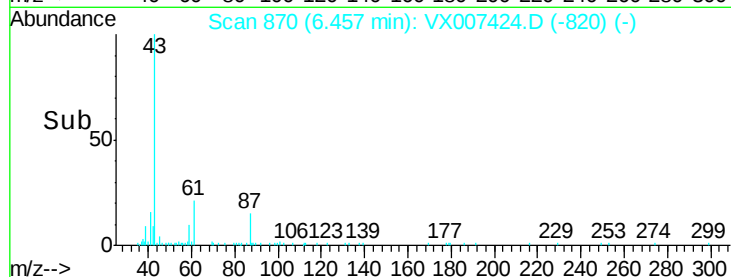
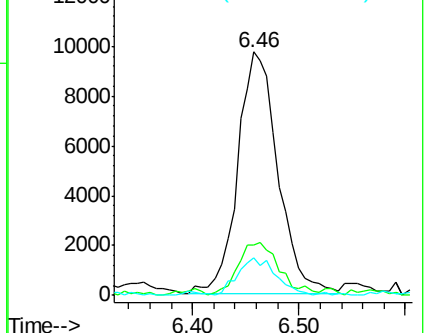
43 100

61 22.6 16.1 24.1

87 15.0 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



#48

Methyl methacrylate

Concen: 2.174 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

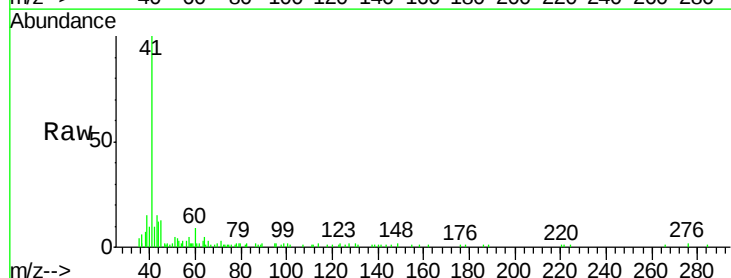
Tgt Ion: 41 Resp: 12419

Ion Ratio Lower Upper

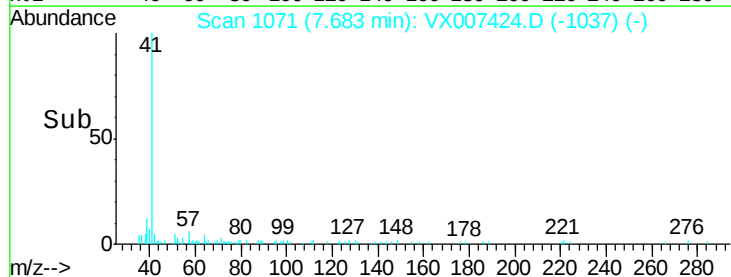
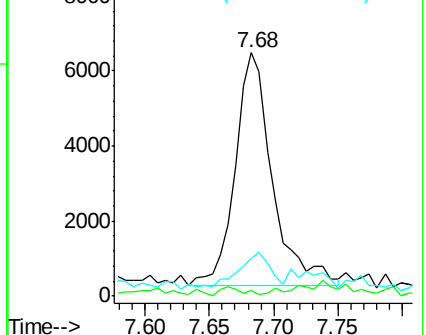
41 100

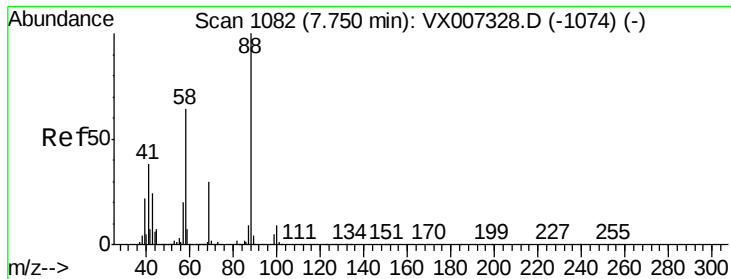
69 2.7 70.2 105.4#

39 0.0 47.4 71.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 8.920 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

M-7-S

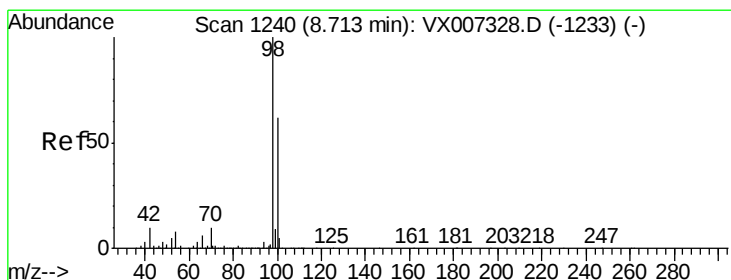
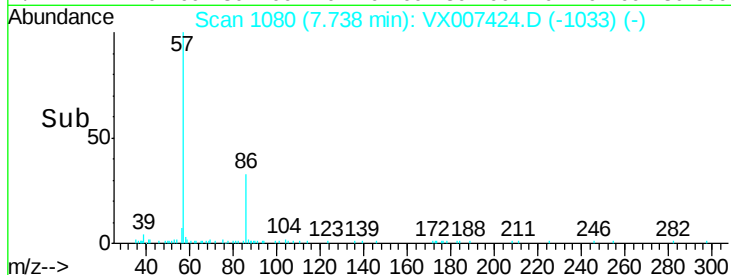
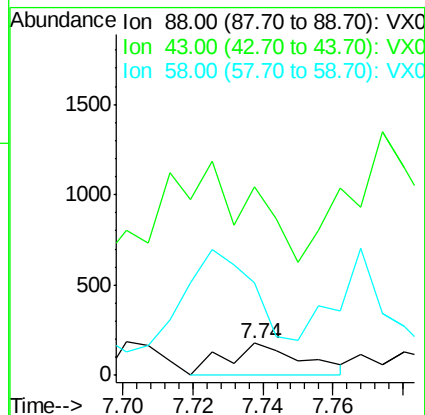
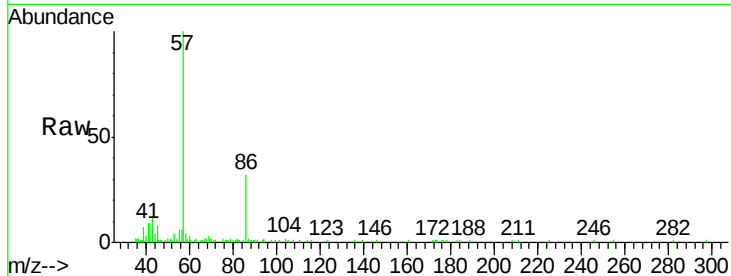
Tot Ion: 88 Resp: 267

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

58 368.2 53.0 79.4#



#50

Toluene-d8

Concen: 50.984 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007424.D

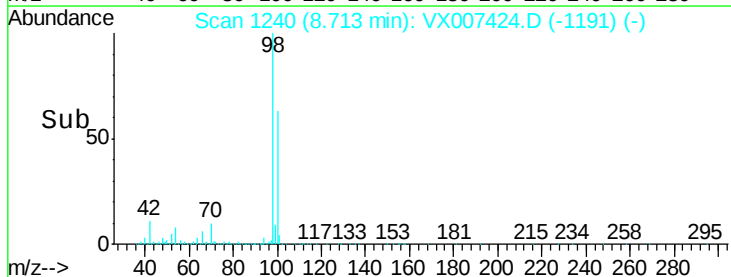
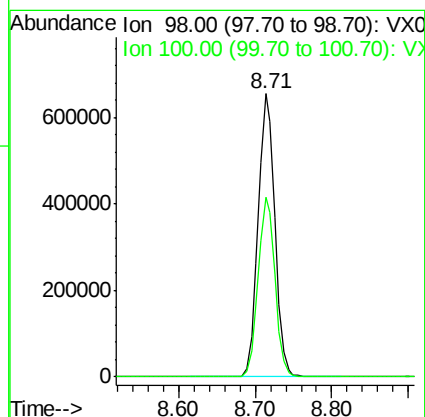
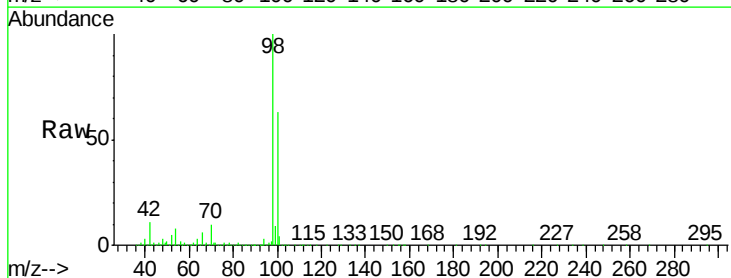
Acq: 07 Feb 2019 14:42

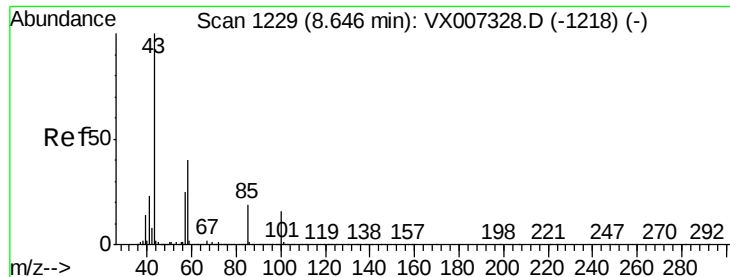
Tgt Ion: 98 Resp: 1004188

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 16.674 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

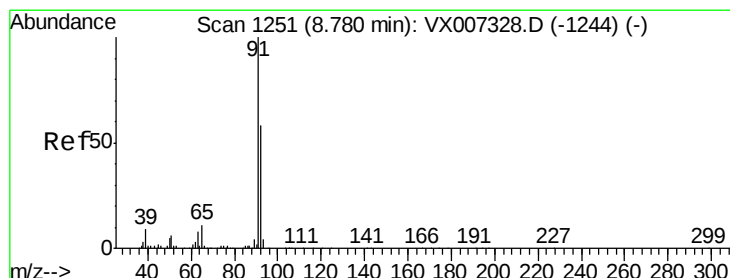
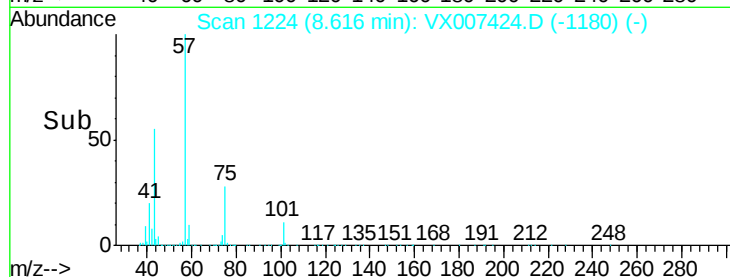
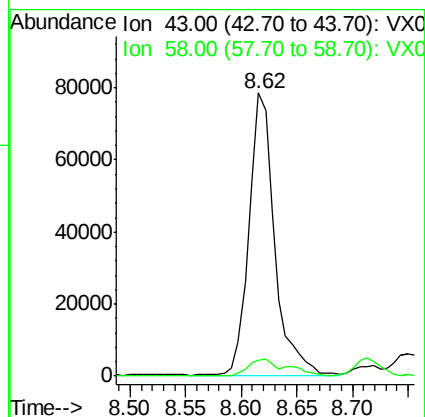
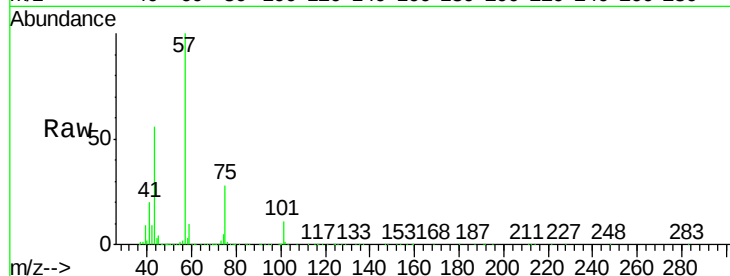
M-7-S

Tot Ion: 43 Resp: 125374

Ion Ratio Lower Upper

43 100

58 9.0 31.2 46.8#



#52

Toluene

Concen: 4.096 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007424.D

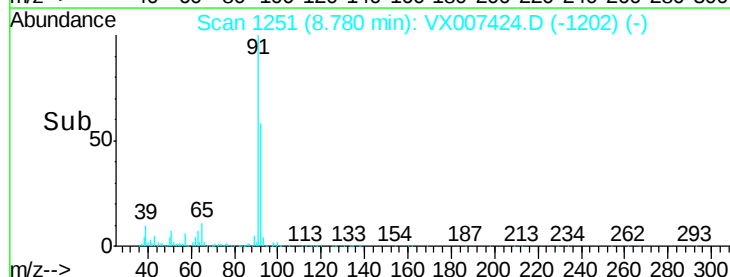
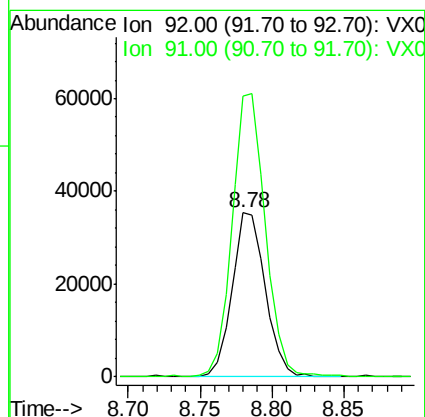
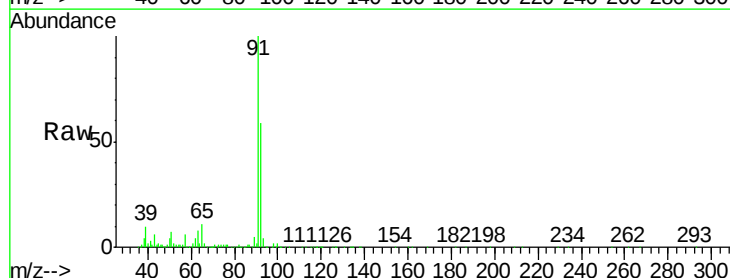
Acq: 07 Feb 2019 14:42

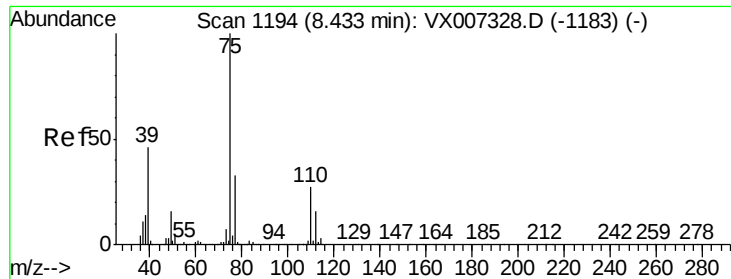
Tgt Ion: 92 Resp: 56982

Ion Ratio Lower Upper

92 100

91 171.8 139.1 208.7





#54

cis-1,3-Dichloropropene

Concen: 7.842 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

M-7-S

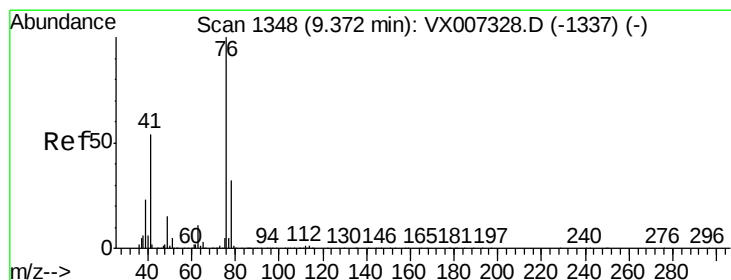
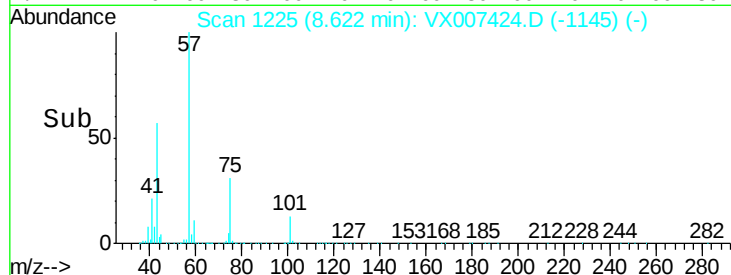
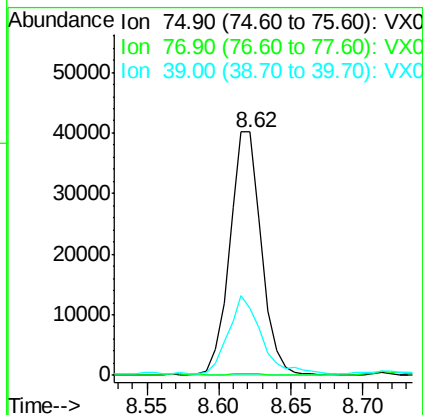
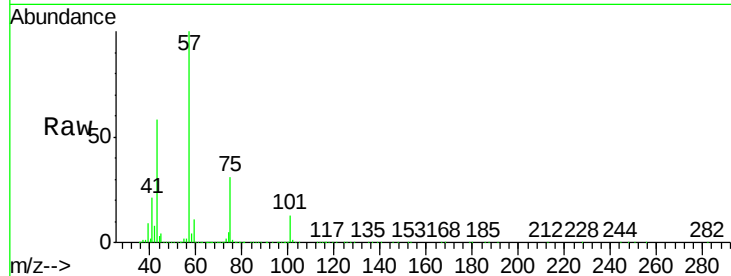
Tot Ion: 75 Resp: 61648

Ion Ratio Lower Upper

75 100

77 0.1 26.2 39.4#

39 26.4 37.1 55.7#



#57

1,3-Dichloropropane

Concen: 1.608 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007424.D

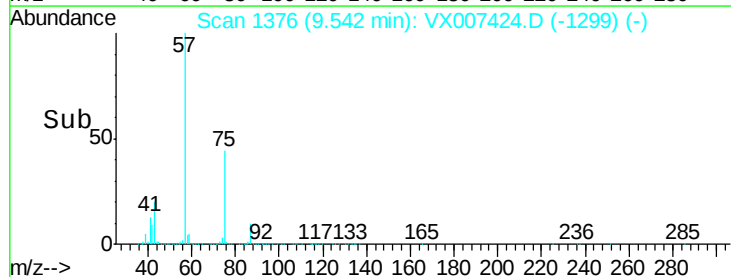
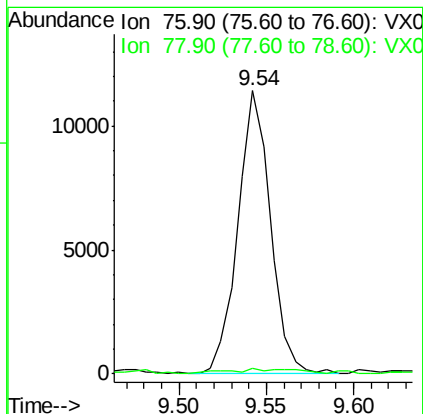
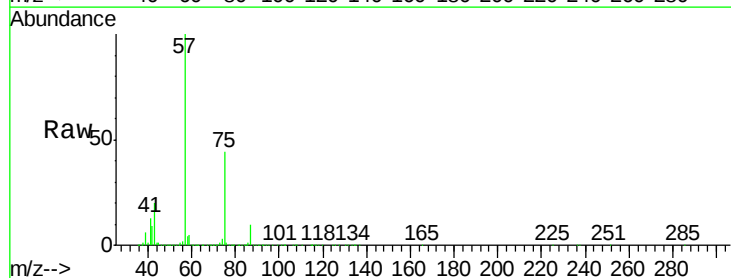
Acq: 07 Feb 2019 14:42

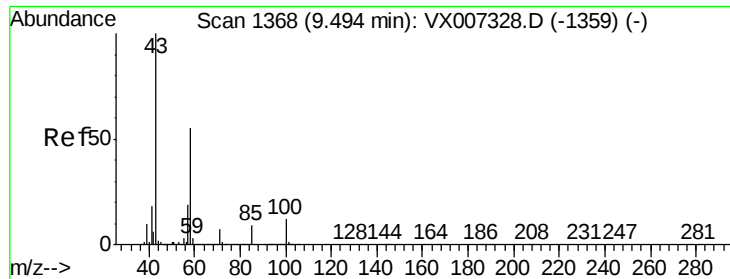
Tgt Ion: 76 Resp: 14830

Ion Ratio Lower Upper

76 100

78 0.5 25.8 38.8#

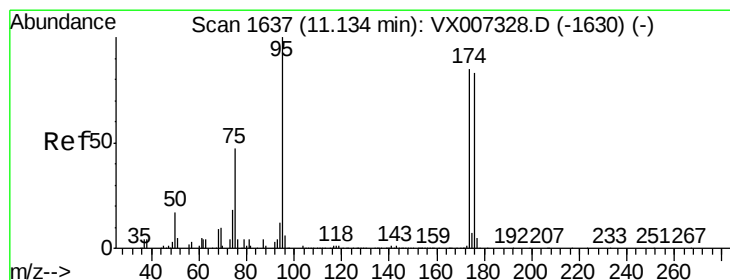
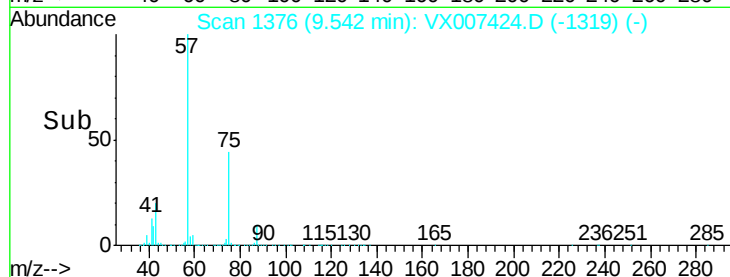
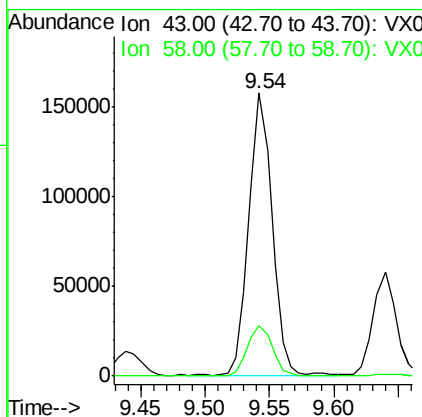
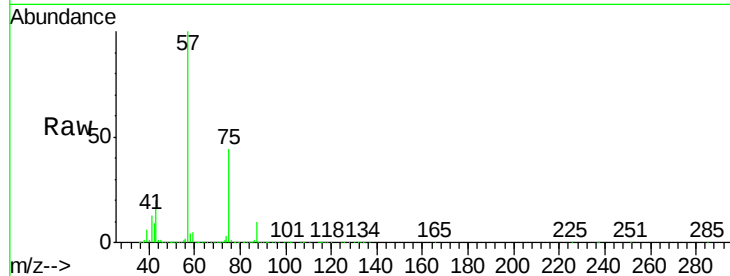




#59
2-Hexanone
Concen: 33.588 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

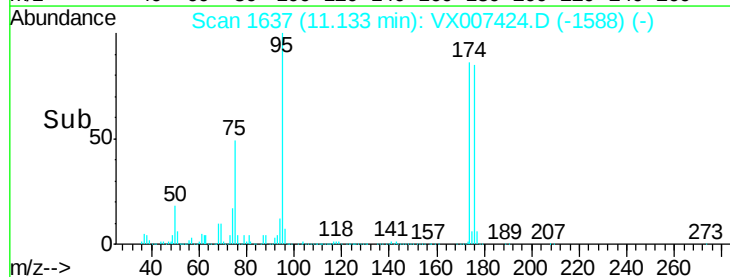
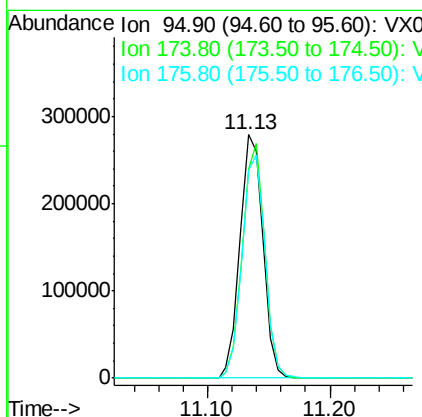
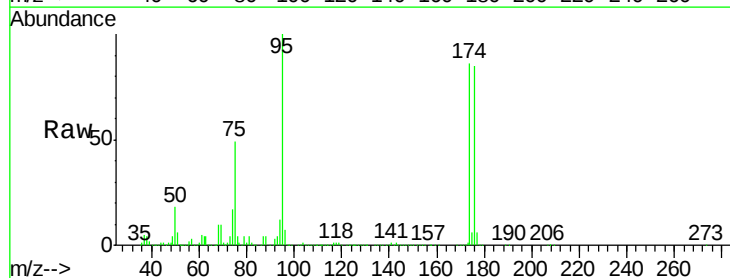
Instrument :
MSVOA_X
ClientSampleId :
M-7-S

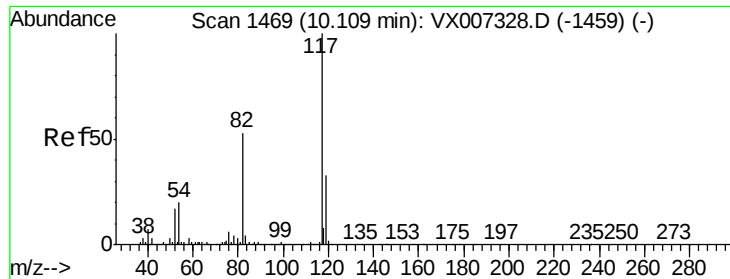
Tot Ion: 43 Resp: 196532
Ion Ratio Lower Upper
43 100
58 19.1 27.1 81.3#



#62
4-Bromofluorobenzene
Concen: 50.160 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion: 95 Resp: 360709
Ion Ratio Lower Upper
95 100
174 94.0 0.0 189.2
176 91.6 0.0 186.2

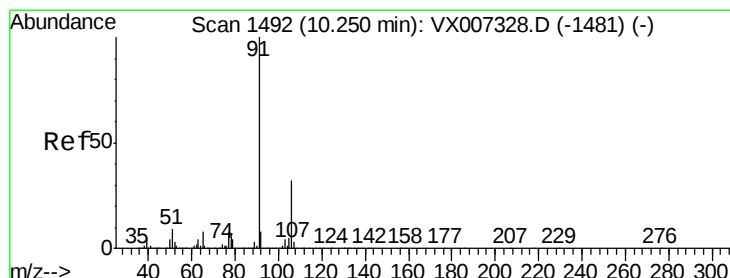
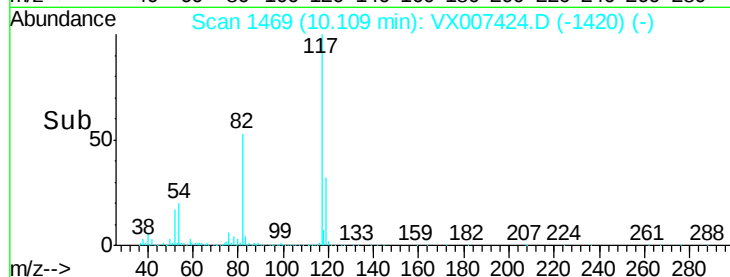
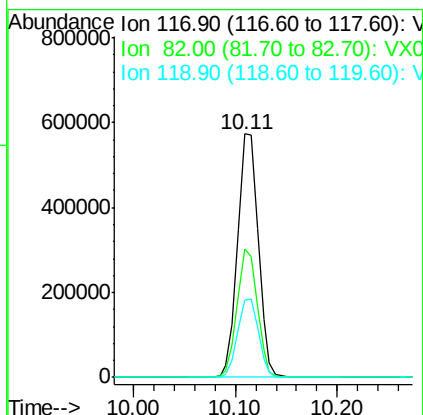
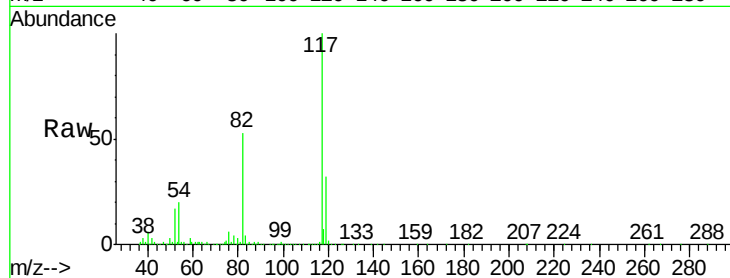




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

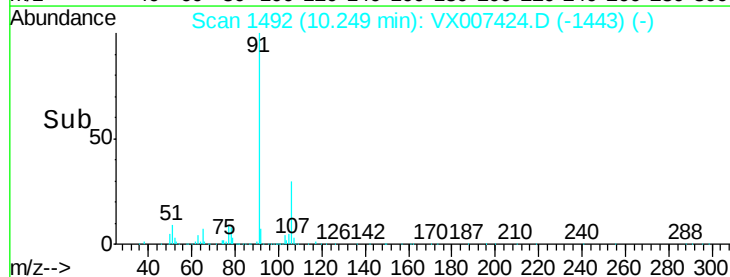
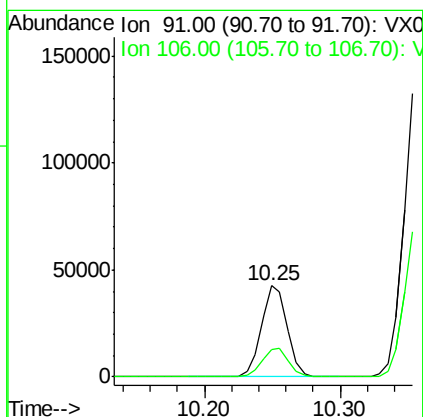
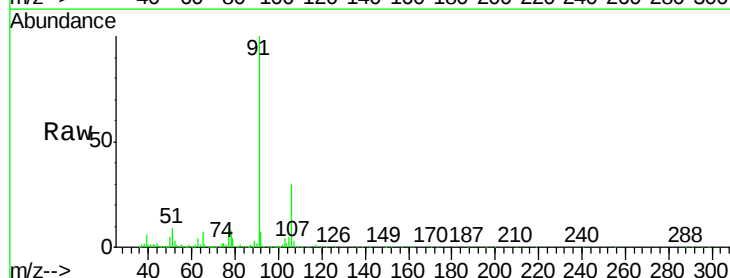
Instrument :
MSVOA_X
ClientSampleId :
M-7-S

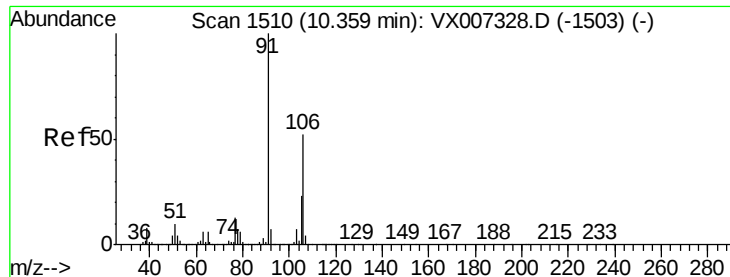
Tot Ion:117 Resp: 800086
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 31.7 26.5 39.7



#67
Ethyl Benzene
Concen: 2.026 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion: 91 Resp: 56976
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0

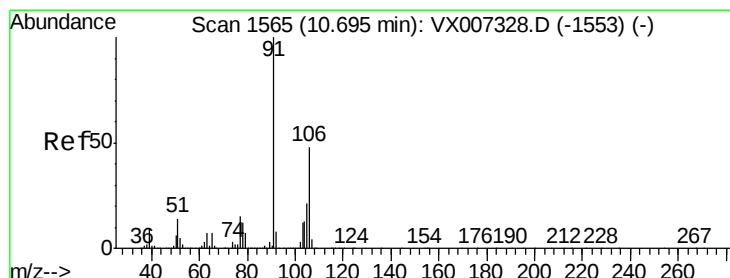
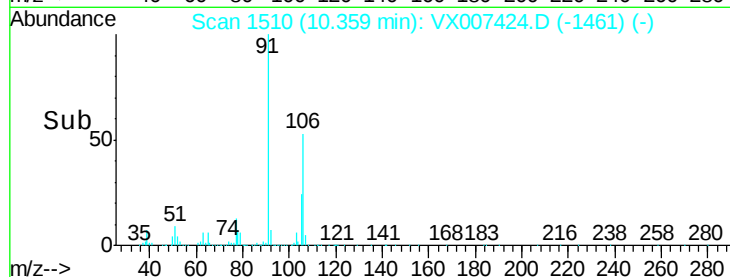
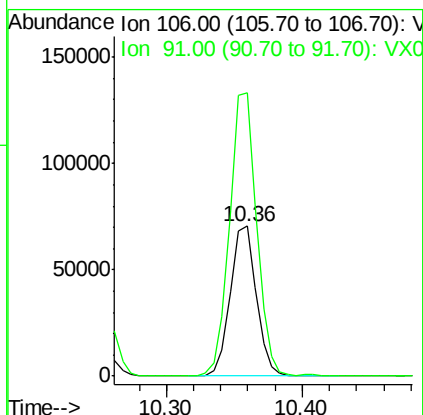
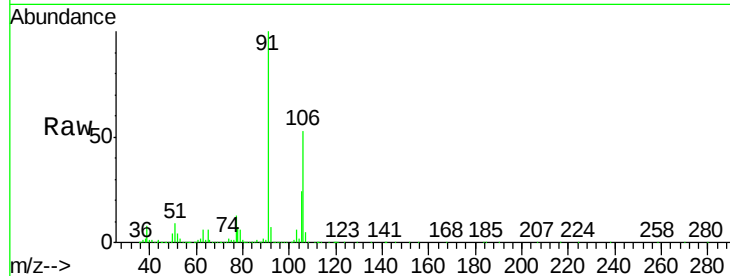




#68
m/p-Xylenes
Concen: 8.422 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

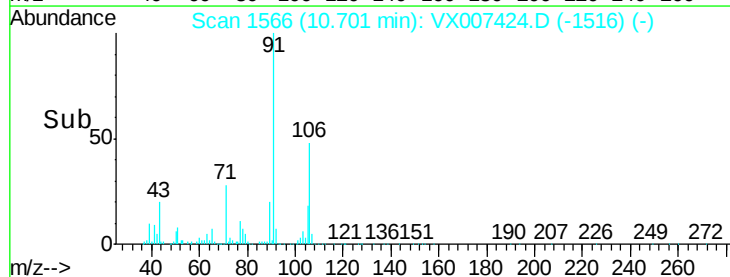
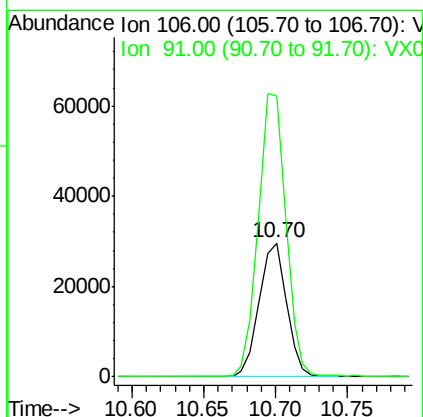
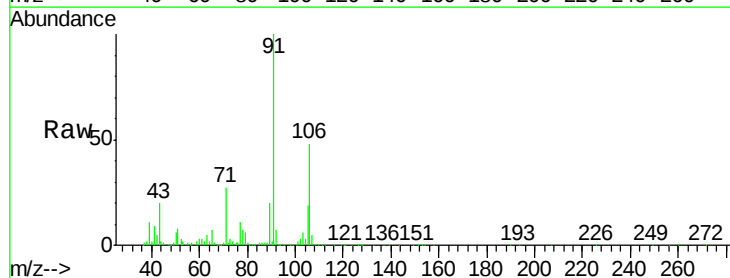
Instrument :
MSVOA_X
ClientSampled :
M-7-S

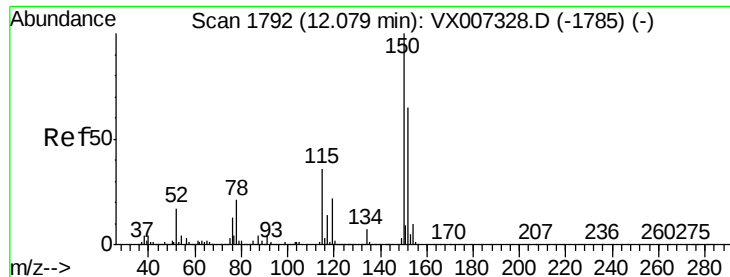
Tot Ion:106 Resp: 94127
Ion Ratio Lower Upper
106 100
91 195.6 156.6 234.8



#69
o-Xylene
Concen: 3.641 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion:106 Resp: 39161
Ion Ratio Lower Upper
106 100
91 214.5 102.9 308.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

M-7-S

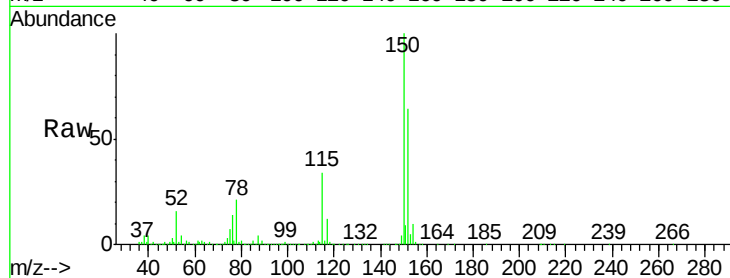
Tot Ion:152 Resp: 397096

Ion Ratio Lower Upper

152 100

115 55.0 38.0 114.0

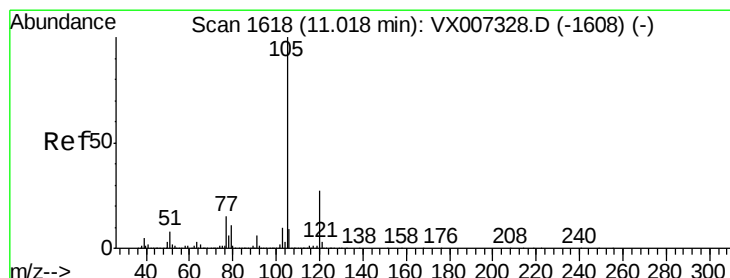
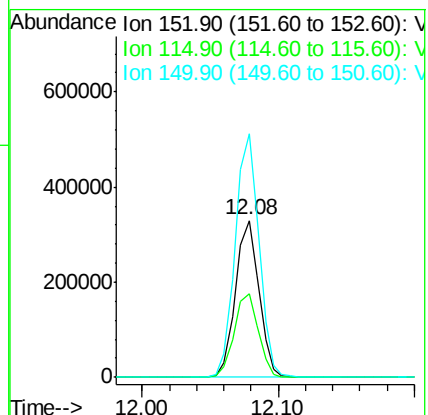
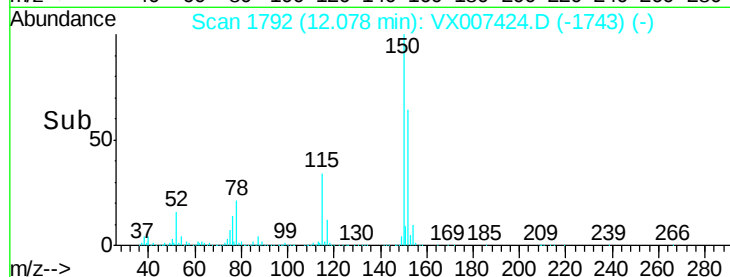
150 157.0 0.0 346.4



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: 0.250 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007424.D

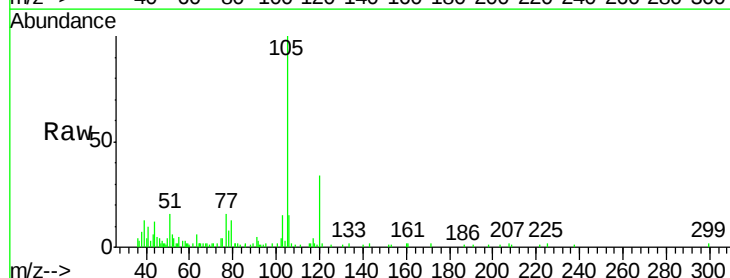
Acq: 07 Feb 2019 14:42

Tgt Ion:105 Resp: 6734

Ion Ratio Lower Upper

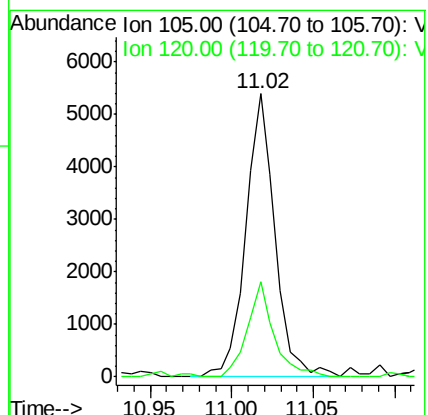
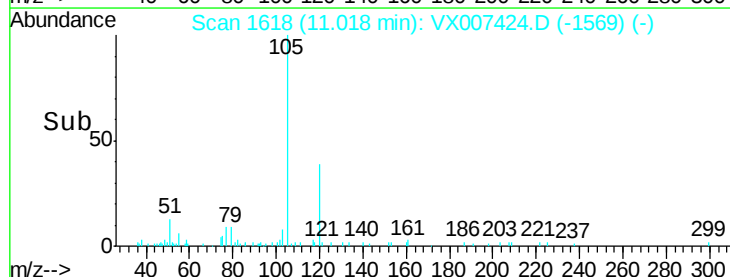
105 100

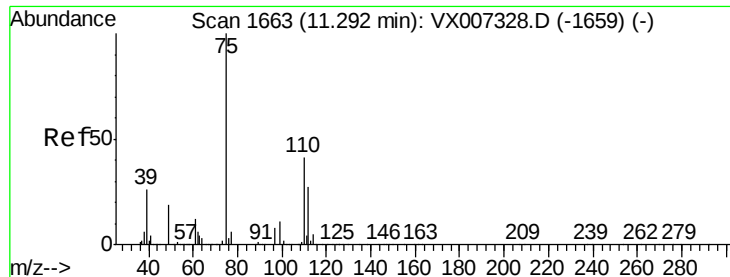
120 30.8 13.6 40.7



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: 22.754 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

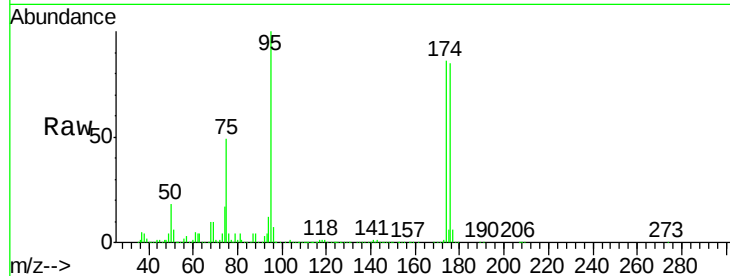
M-7-S

Tot Ion: 75 Resp: 175753

Ion Ratio Lower Upper

75 100

77 1.1 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

150000

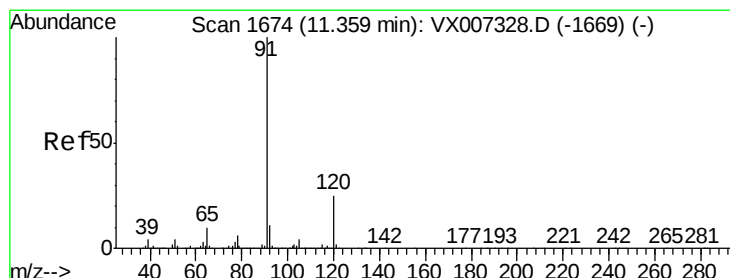
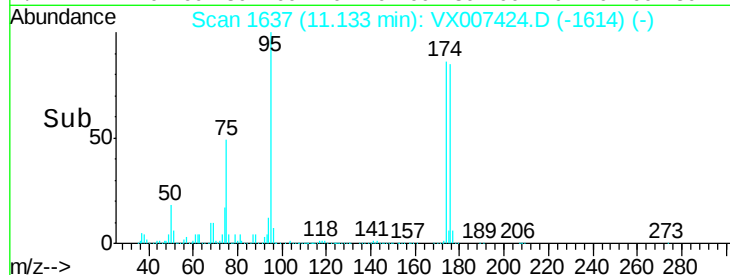
100000

50000

0

Time-->

11.10 11.20



#78

n-propylbenzene

Concen: 1.066 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007424.D

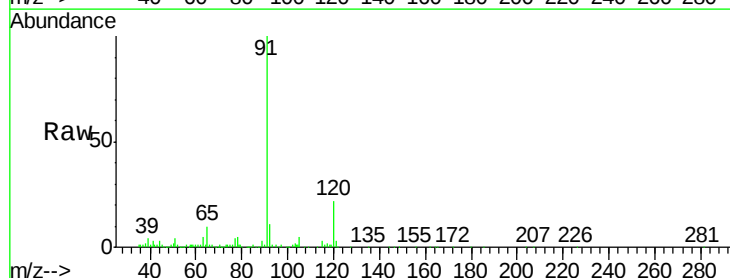
Acq: 07 Feb 2019 14:42

Tgt Ion: 91 Resp: 31537

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

30000

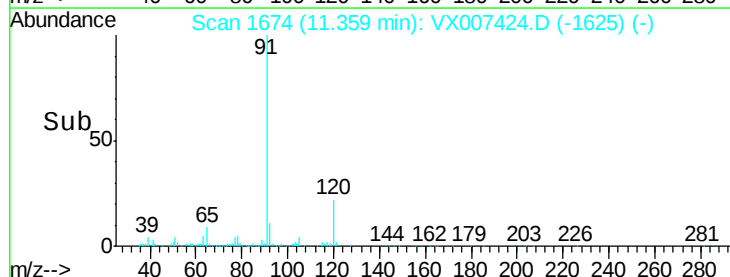
20000

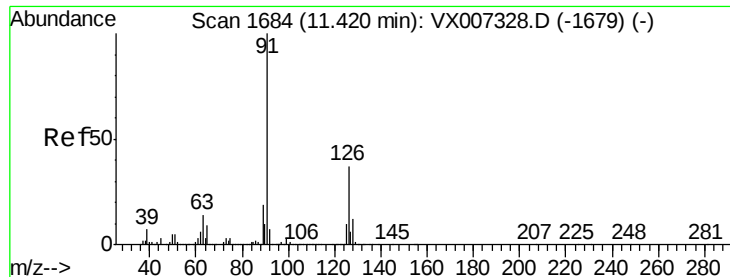
10000

0

Time-->

11.30 11.35 11.40

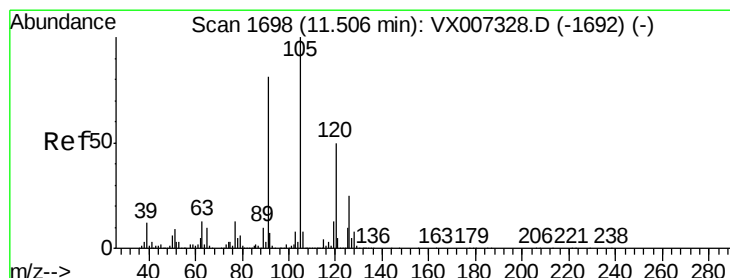
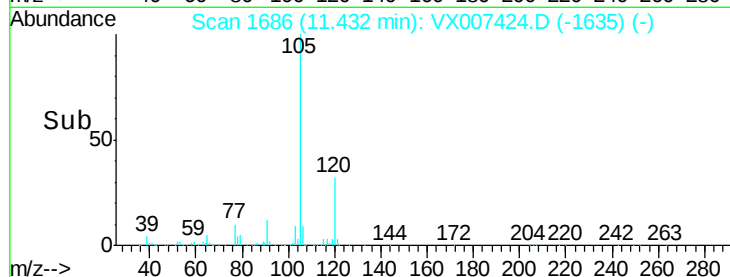
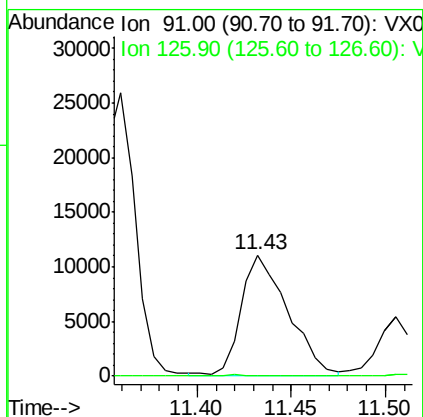
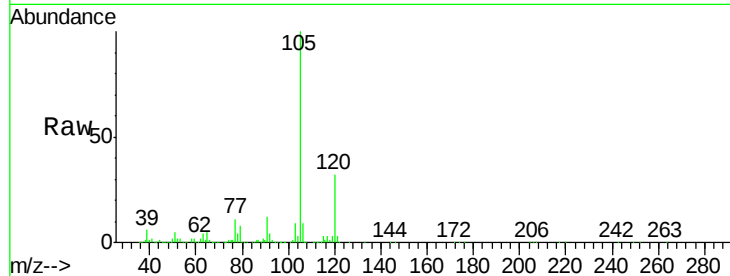




#79
2-Chlorotoluene
Concen: 1.071 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

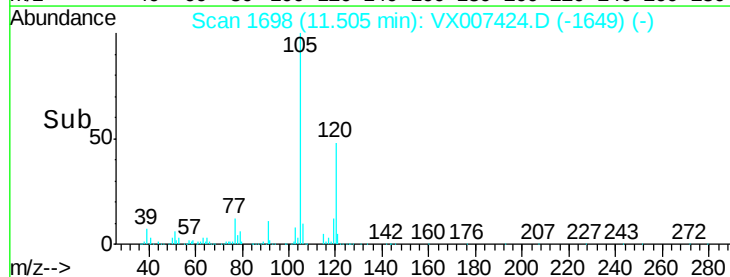
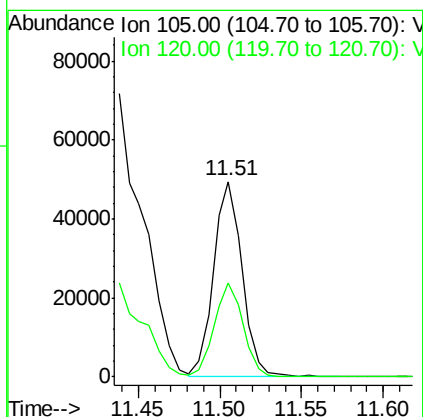
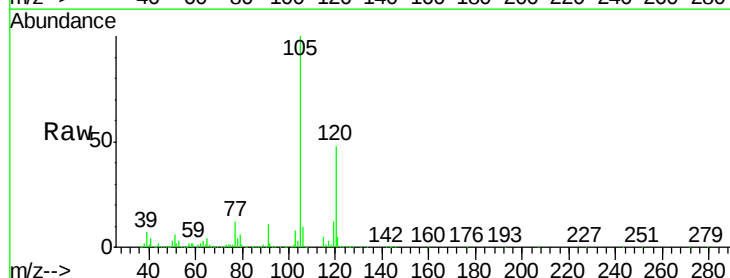
Instrument :
MSVOA_X
ClientSampled :
M-7-S

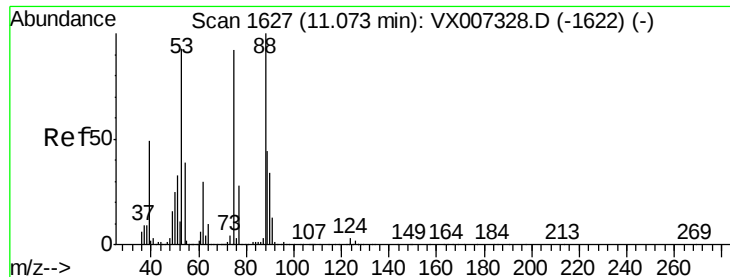
Tot Ion: 91 Resp: 19230
Ion Ratio Lower Upper
91 100
126 1.0 18.7 56.1#



#80
1,3,5-Trimethylbenzene
Concen: 2.723 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion: 105 Resp: 60109
Ion Ratio Lower Upper
105 100
120 48.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.612 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

M-7-S

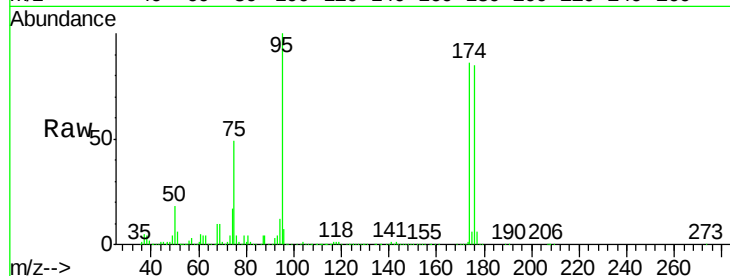
Tot Ion: 75 Resp: 175753

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.6#

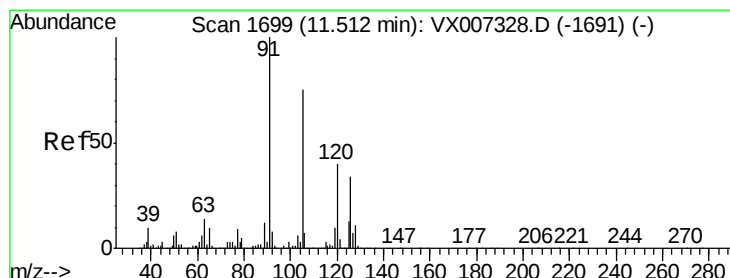
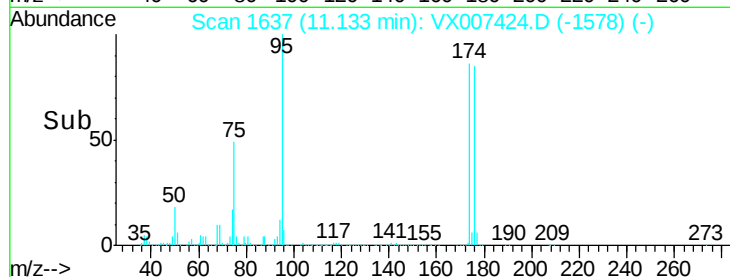
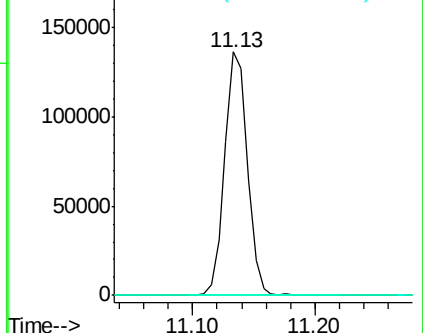
89 0.0 41.4 62.0#



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



#82

4-Chlorotoluene

Concen: 0.347 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007424.D

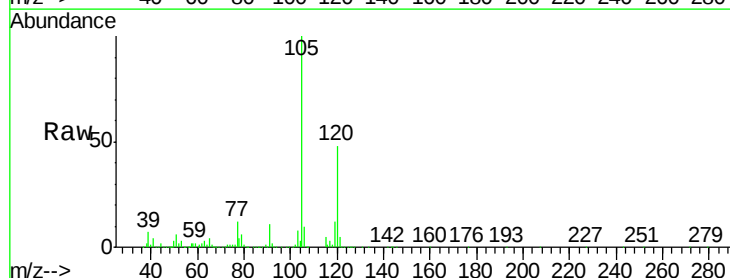
Acq: 07 Feb 2019 14:42

Tgt Ion: 91 Resp: 7199

Ion Ratio Lower Upper

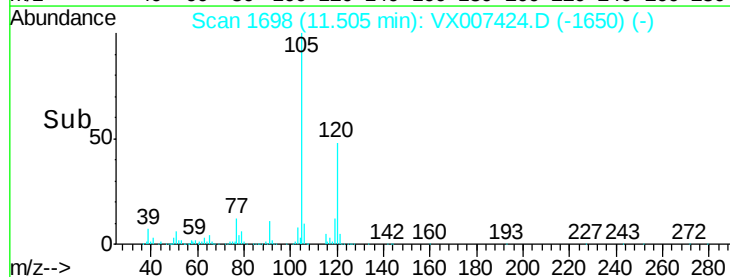
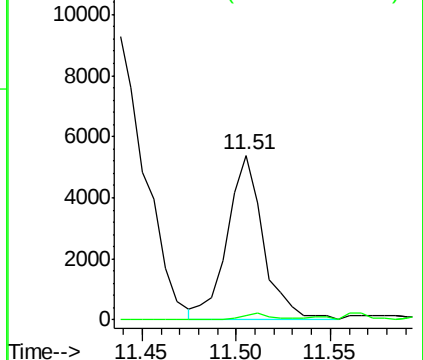
91 100

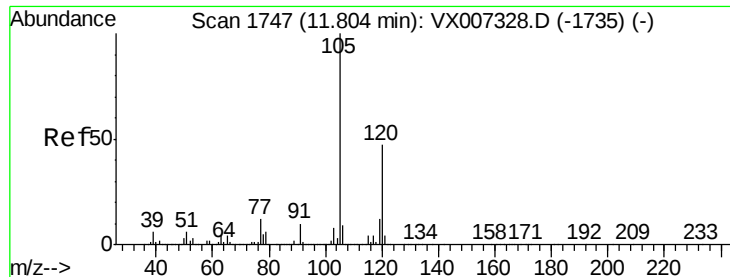
126 3.2 16.2 48.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 9.173 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

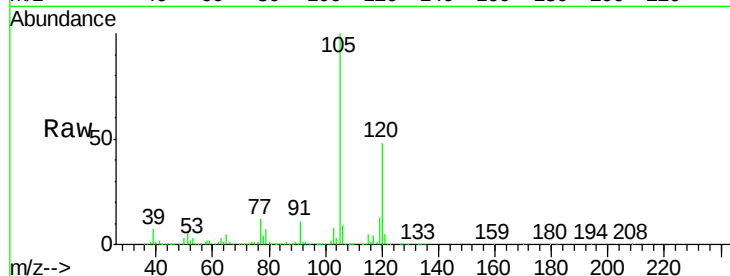
M-7-S

Tot Ion:105 Resp: 205594

Ion Ratio Lower Upper

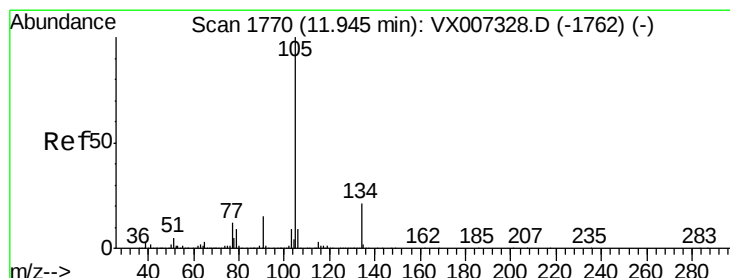
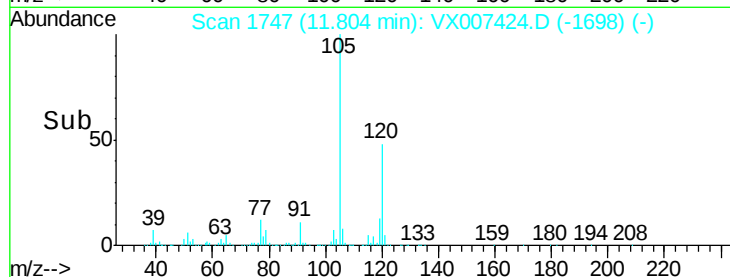
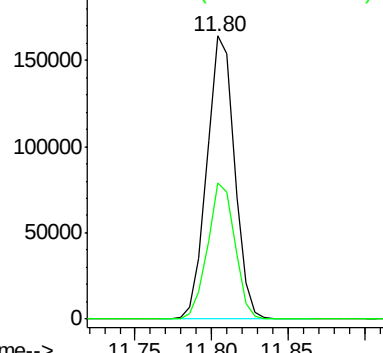
105 100

120 47.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.772 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007424.D

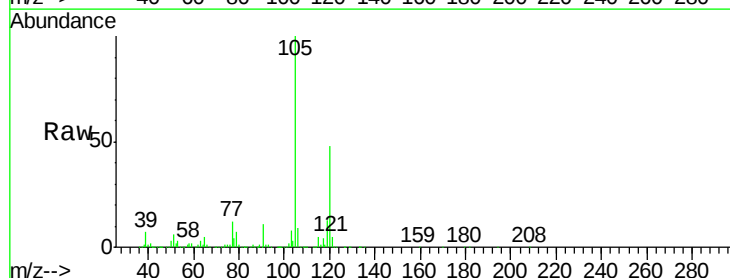
Acq: 07 Feb 2019 14:42

Tgt Ion:105 Resp: 205594

Ion Ratio Lower Upper

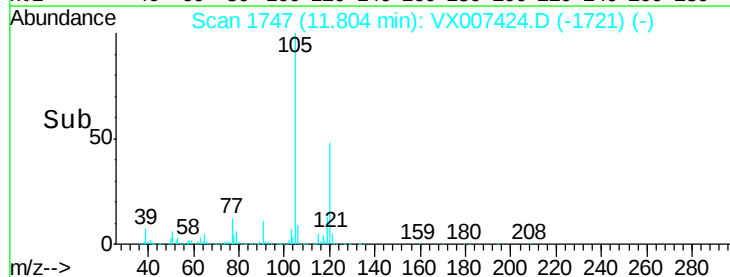
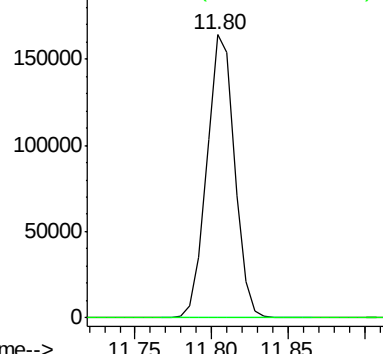
105 100

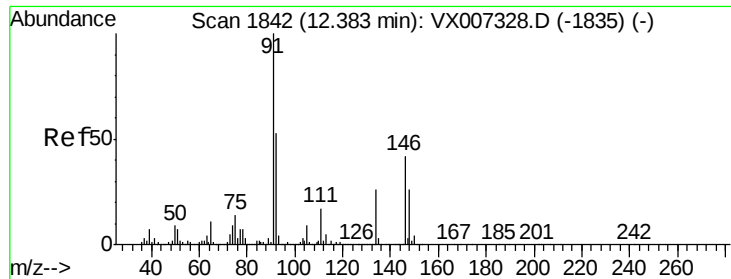
134 0.1 10.6 31.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

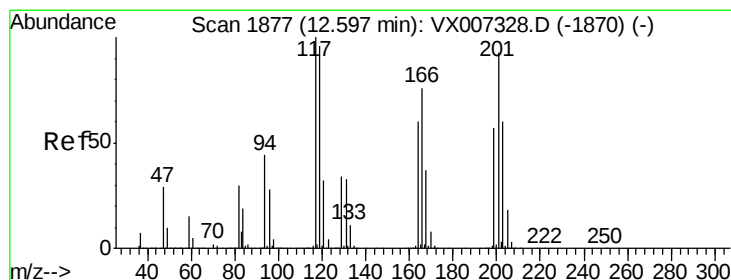
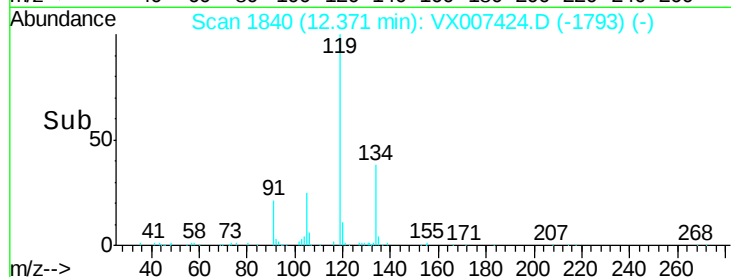
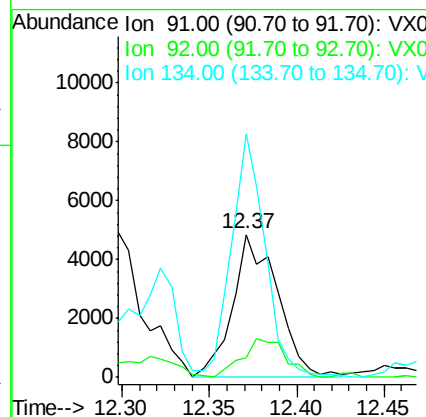
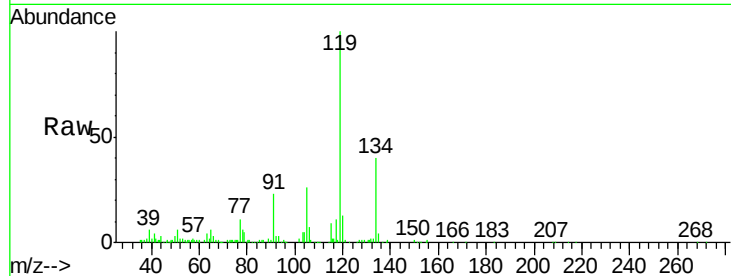




#89
n-Butylbenzene
Concen: 0.427 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

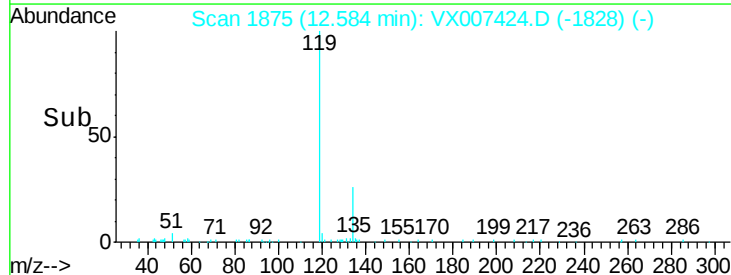
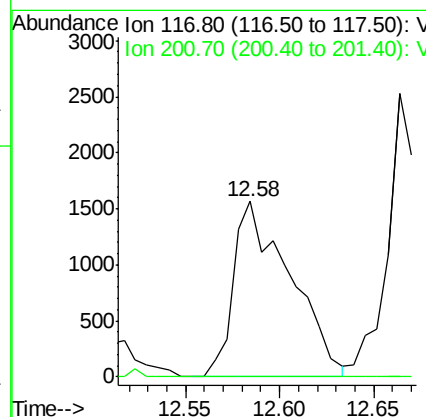
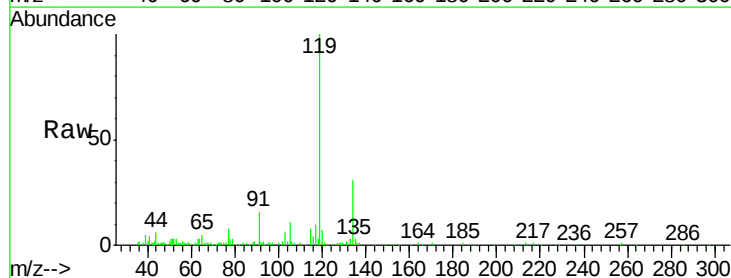
Instrument :
MSVOA_X
ClientSampled :
M-7-S

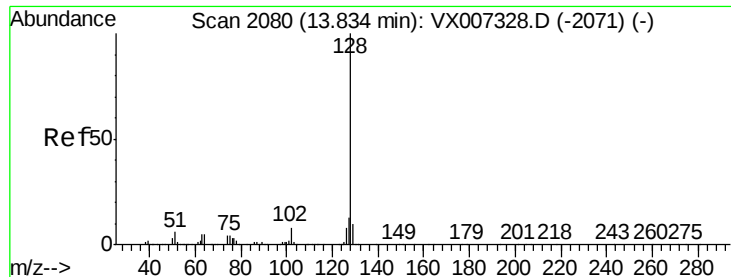
Tot Ion: 91 Resp: 8771
Ion Ratio Lower Upper
91 100
92 26.1 26.3 78.9#
134 126.5 13.9 41.6#



#90
Hexachloroethane
Concen: 0.914 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion: 117 Resp: 3266
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.7#





#95

Naphthalene

Concen: 5.265 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007424.D

Acq: 07 Feb 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

M-7-S

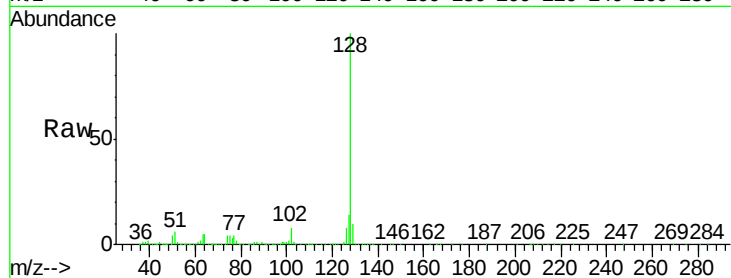
Tot Ion:128 Resp: 140999

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 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

