

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020719\
 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 22:30:31 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	283953	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
35) Dibromofluoromethane	5.50	113	260753	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	1004188	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	360709	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	

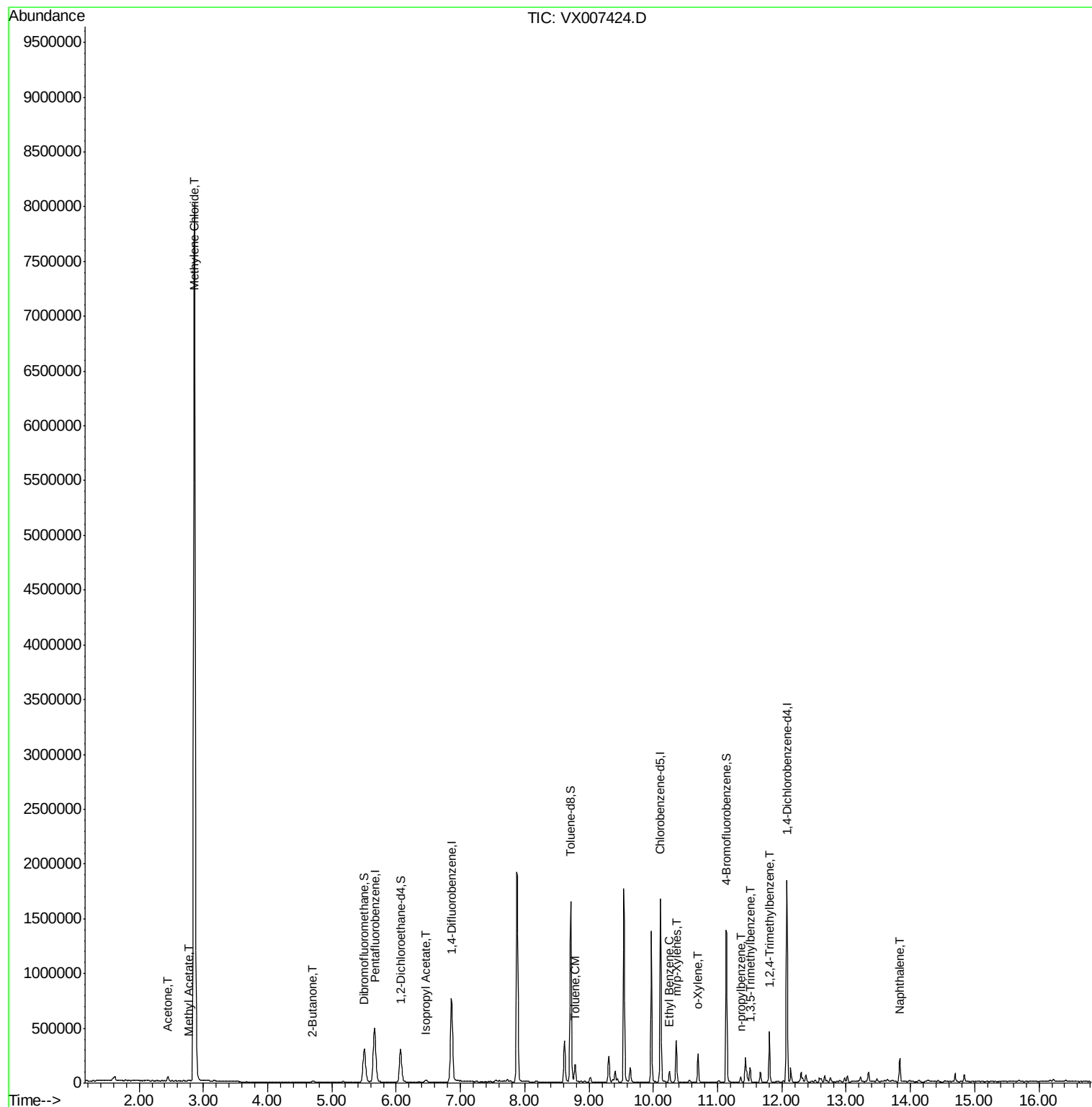
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	43121	16.827	ug/l	99
18) Methyl Acetate	2.78	43	9595	2.013	ug/l	99
20) Methylene Chloride	2.86	84	3722389	716.401	ug/l	98
25) 2-Butanone	4.70	43	14329	3.929	ug/l #	74
43) Isopropyl Acetate	6.46	43	25724	2.252	ug/l	96
52) Toluene	8.78	92	56982	4.096	ug/l	99
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
78) n-propylbenzene	11.36	91	31537	1.066	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	60109	2.723	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	205594	9.173	ug/l	98
95) Naphthalene	13.83	128	140999	5.265	ug/l	100

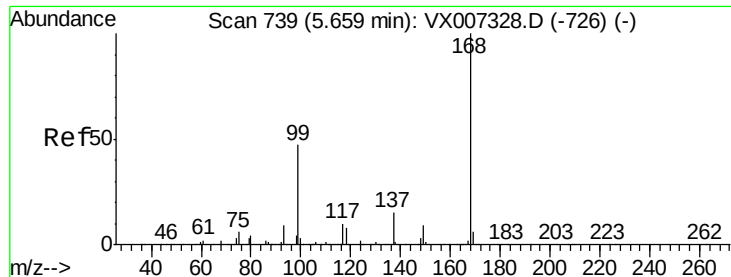
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#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

ClientSampleId :

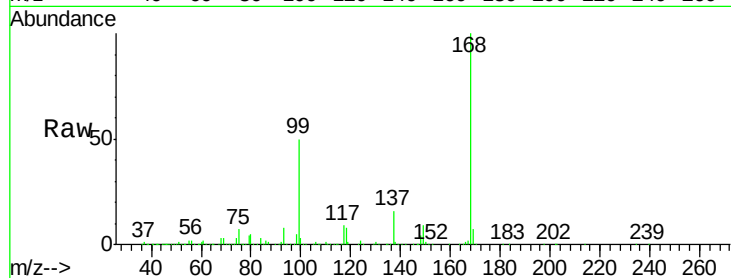
M-7-S

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

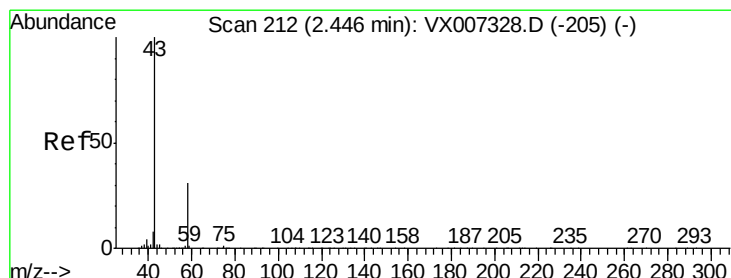
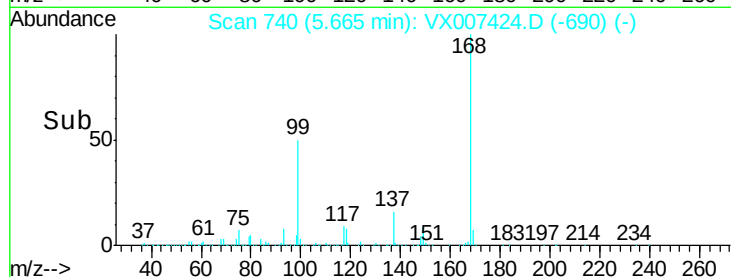
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.827 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007424.D

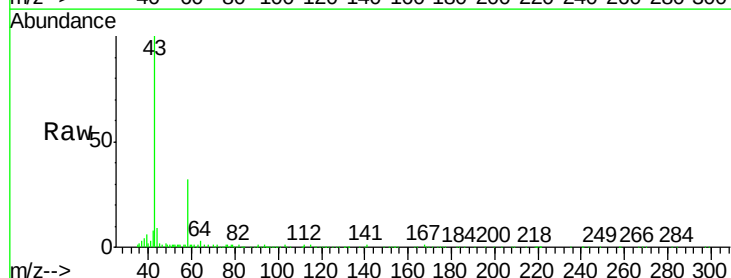
Acq: 07 Feb 2019 14:42

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

2.45

30000

25000

20000

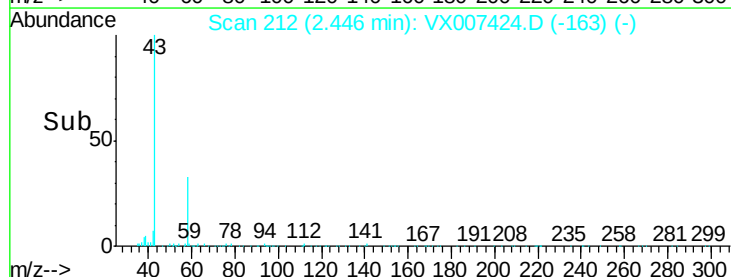
15000

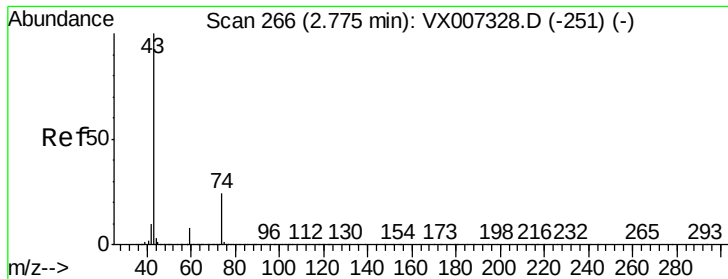
10000

5000

0

Time--> 2.40 2.45 2.50

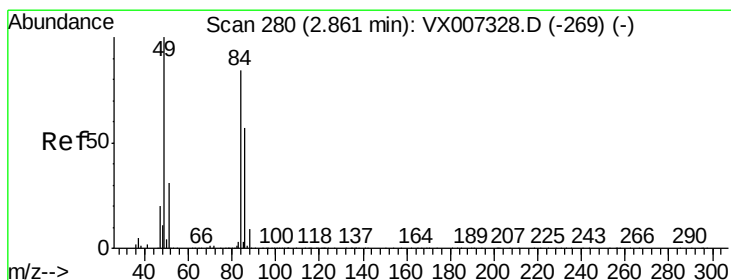
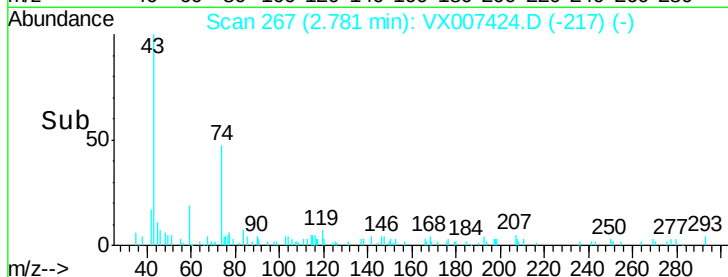
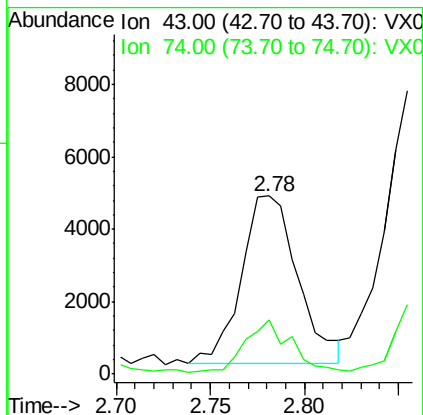
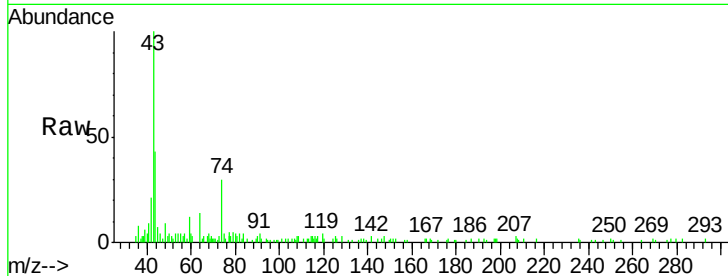




#18
Methyl Acetate
Concen: 2.013 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

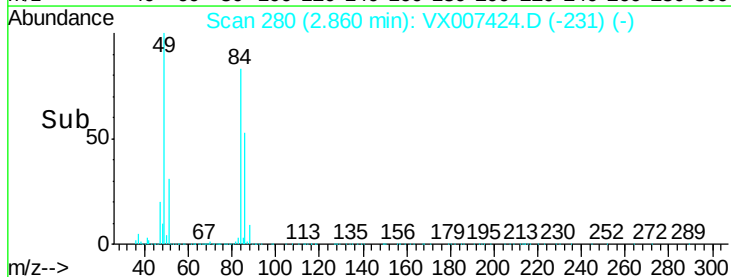
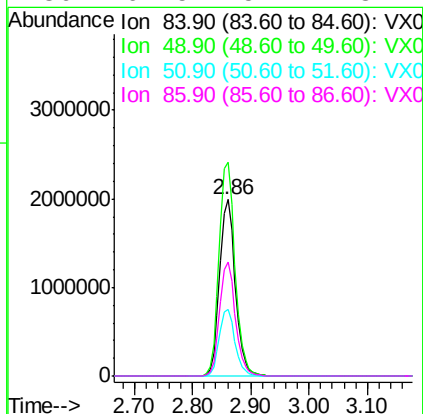
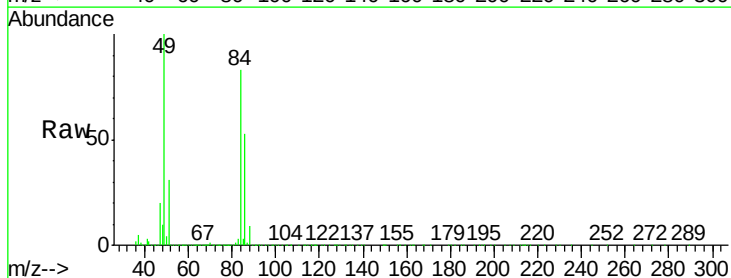
Instrument :
MSVOA_X
ClientSampled :
M-7-S

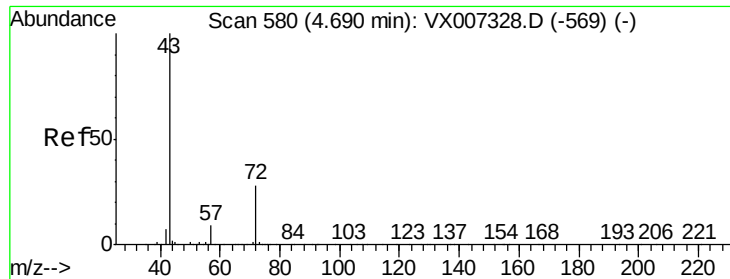
Tot Ion: 43 Resp: 9595
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2



#20
Methylene 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

Tgt 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

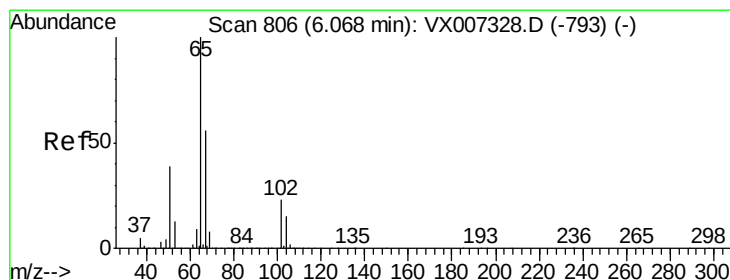
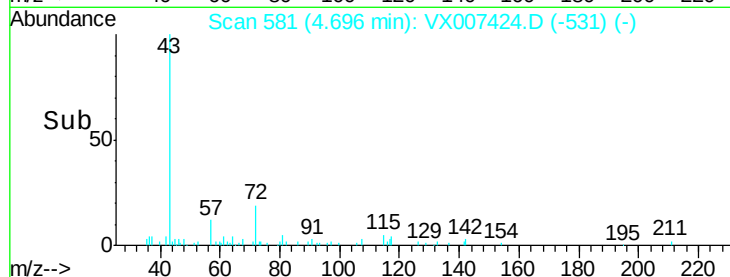
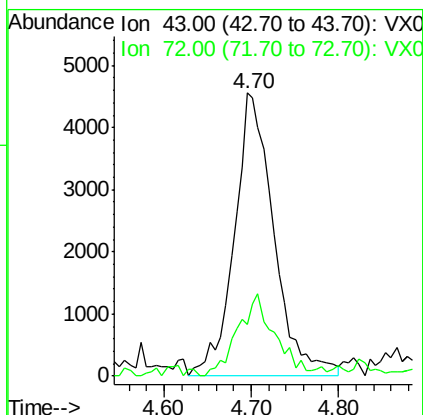
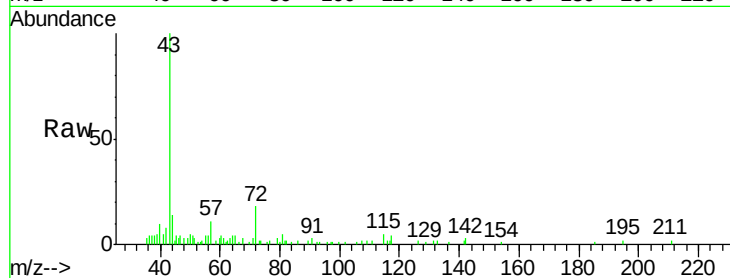




#25
 2-Butanone
 Concen: 3.929 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: VX007424.D
 Acq: 07 Feb 2019 14:42

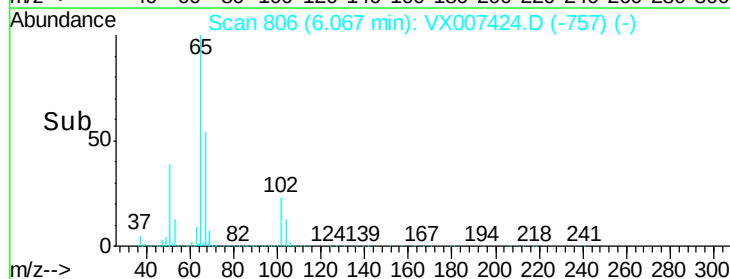
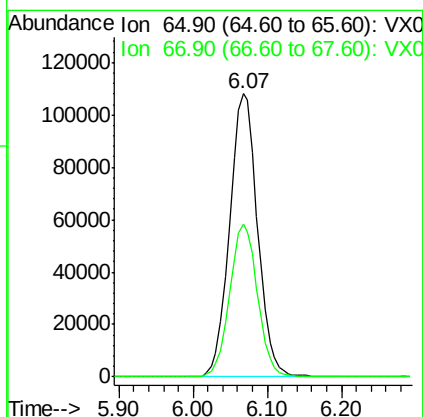
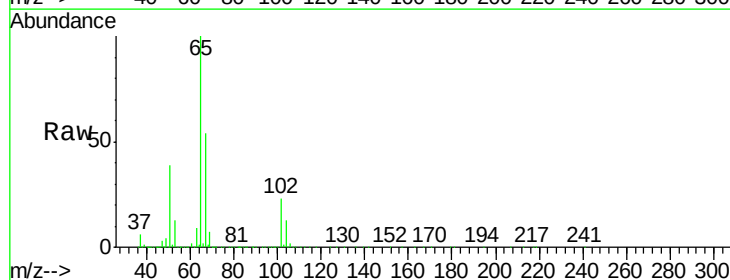
Instrument :
 MSVOA_X
 ClientSampleId :
 M-7-S

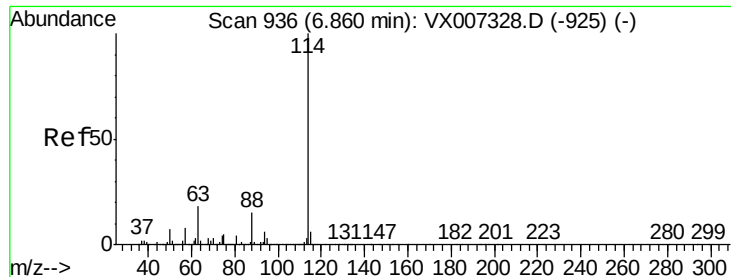
Tot Ion: 43 Resp: 14329
 Ion Ratio Lower Upper
 43 100
 72 14.3 22.2 33.2#



#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

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

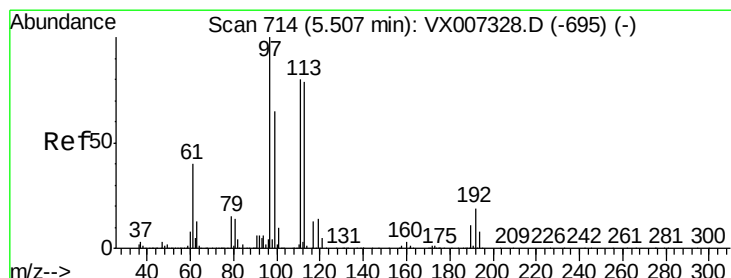
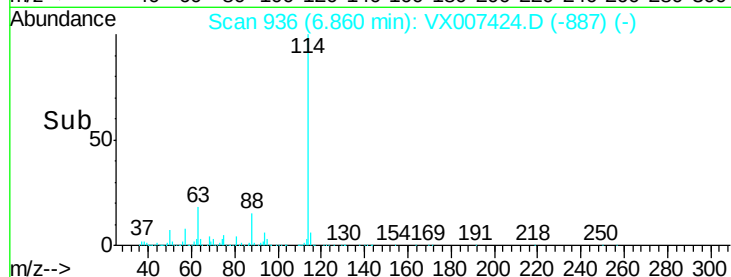
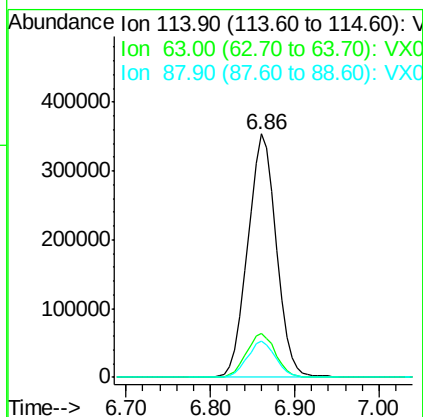
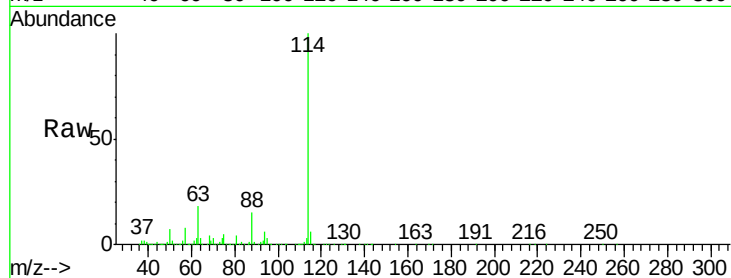




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

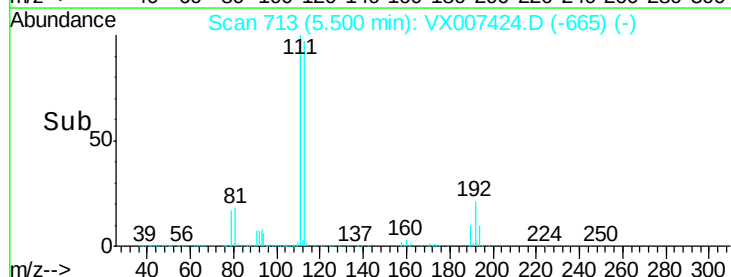
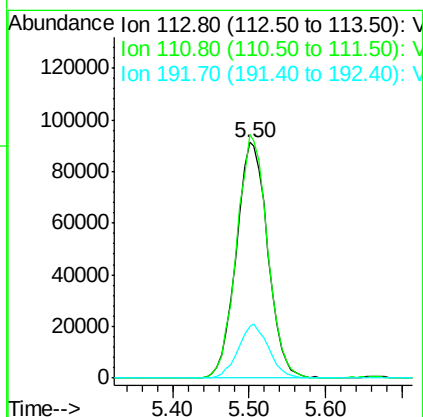
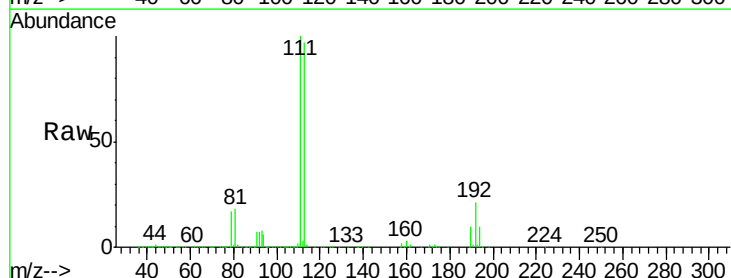
Instrument :
MSVOA_X
ClientSampleId :
M-7-S

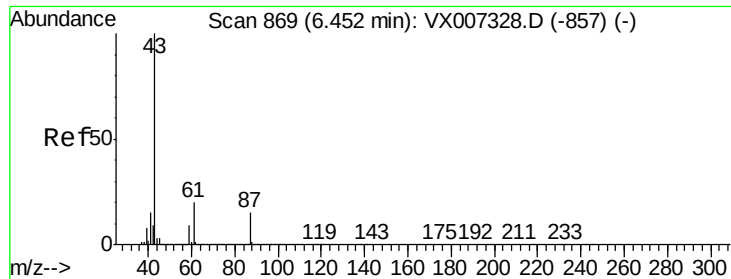
Tot Ion:114 Resp: 815892
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 14.9 0.0 29.6



#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

Tgt Ion:113 Resp: 260753
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 22.3 18.5 27.7





#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

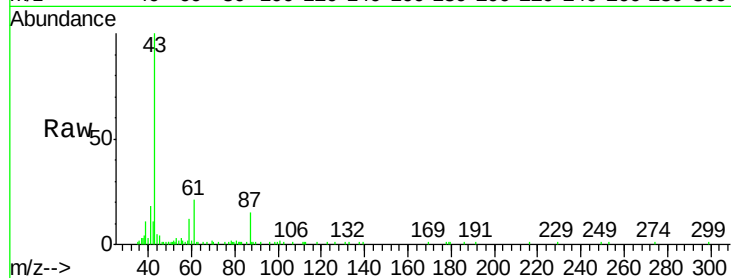
Tot Ion: 43 Resp: 25724

Ion Ratio Lower Upper

43 100

61 22.6 16.1 24.1

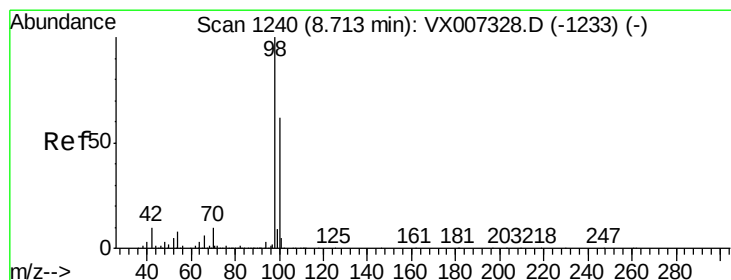
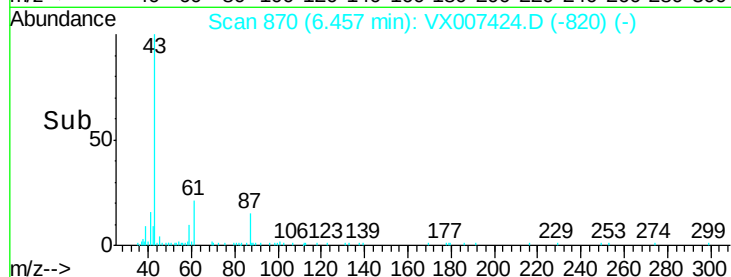
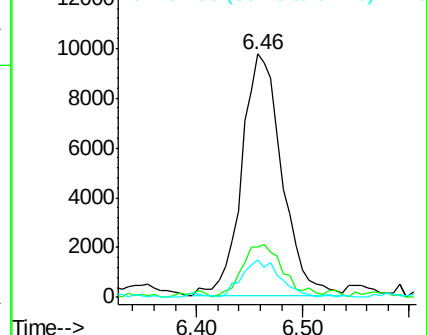
87 15.0 11.5 17.3



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



#50

Toluene-d8

Concen: 50.984 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007424.D

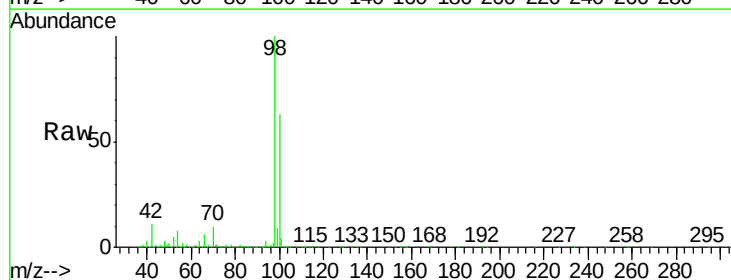
Acq: 07 Feb 2019 14:42

Tgt Ion: 98 Resp: 1004188

Ion Ratio Lower Upper

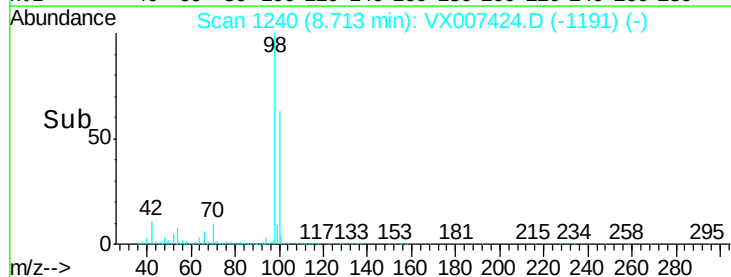
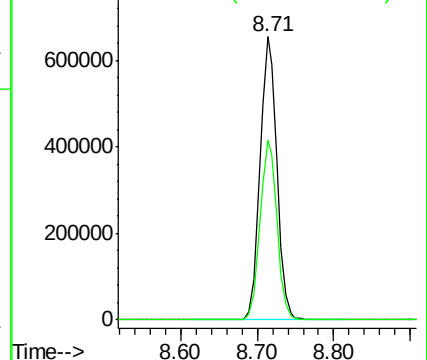
98 100

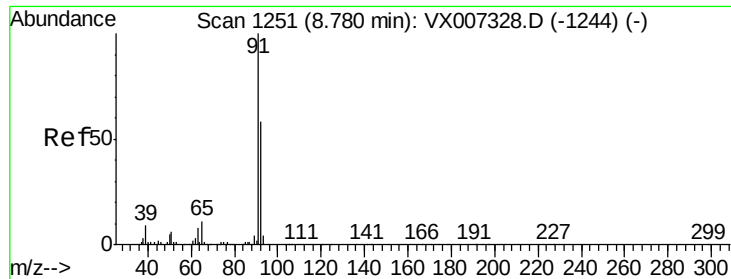
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

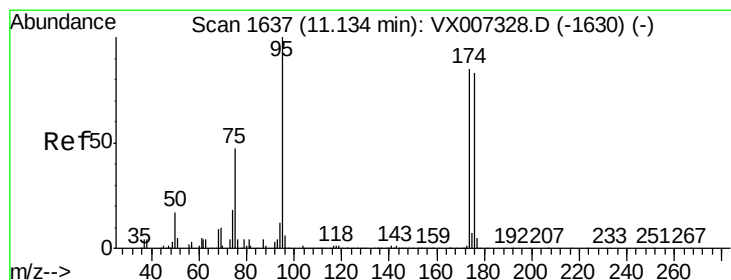
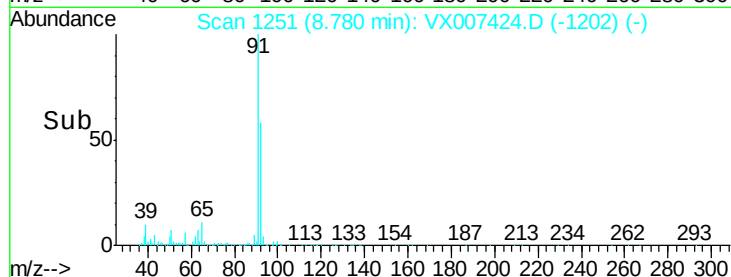
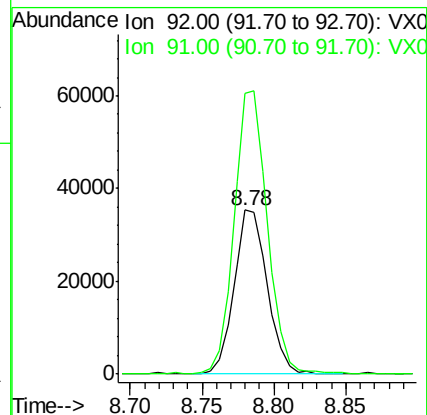
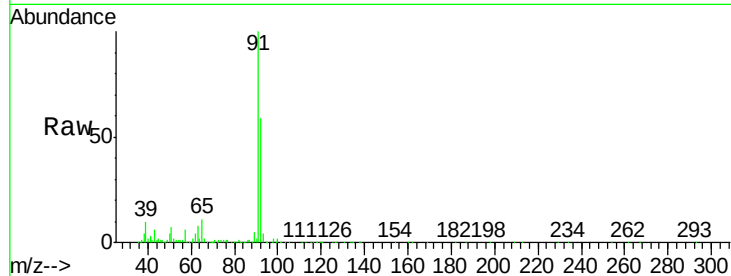
M-7-S

Tot Ion: 92 Resp: 56982

Ion Ratio Lower Upper

92 100

91 171.8 139.1 208.7



#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

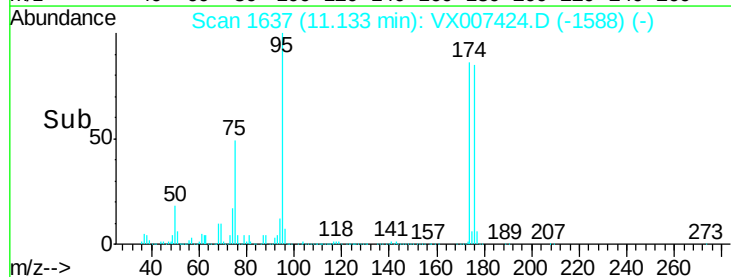
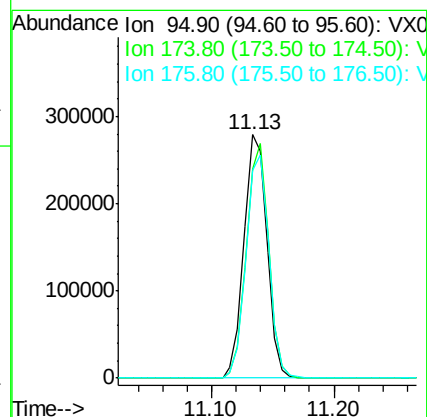
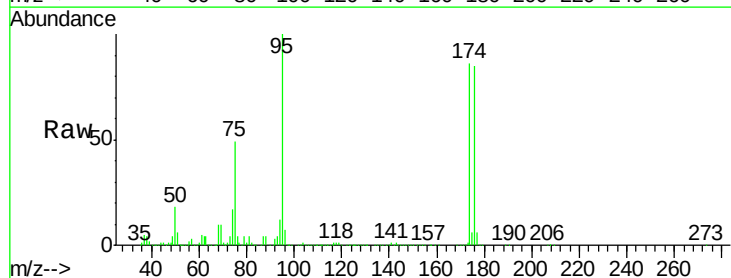
Tgt Ion: 95 Resp: 360709

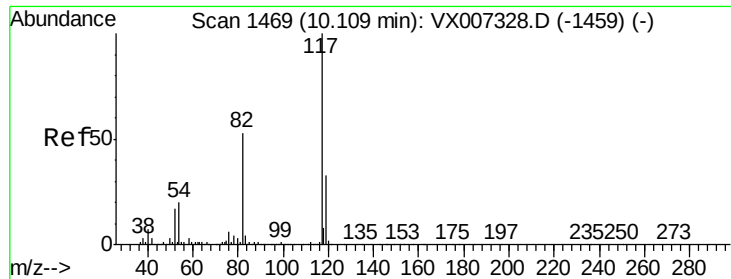
Ion Ratio Lower Upper

95 100

174 94.0 0.0 189.2

176 91.6 0.0 186.2

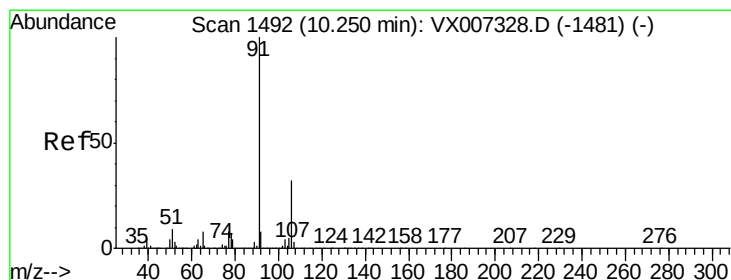
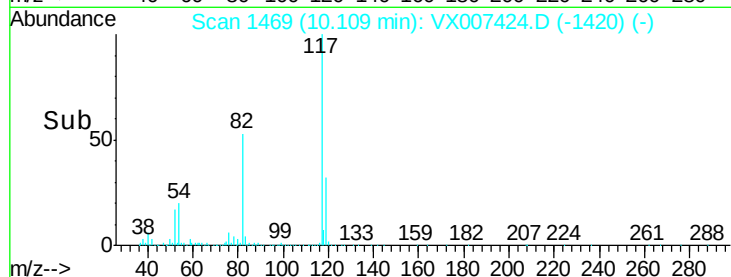
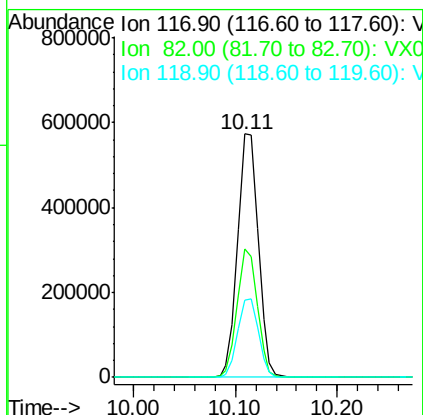
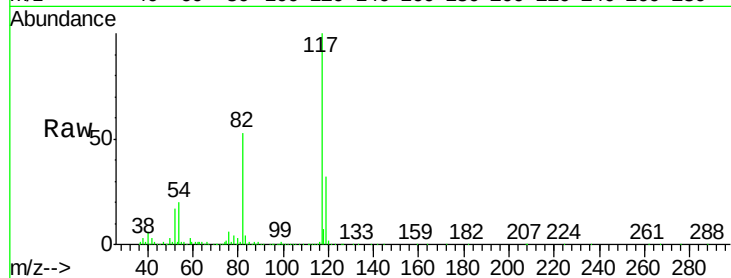




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

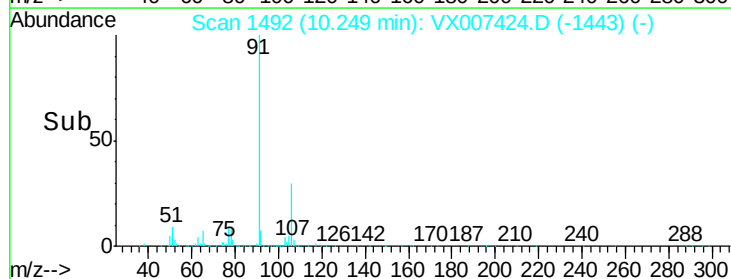
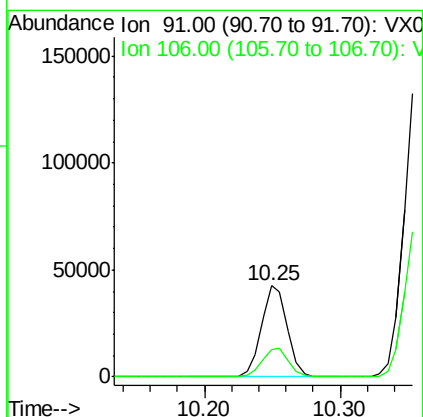
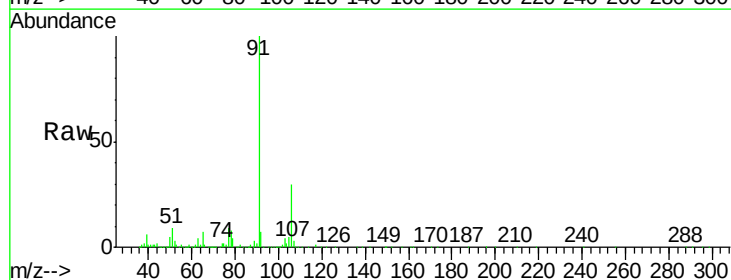
Instrument :
MSVOA_X
ClientSampleId :
M-7-S

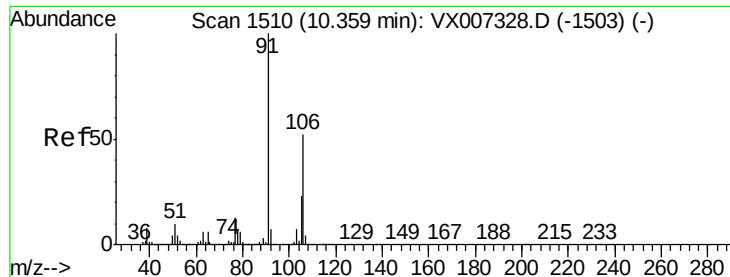
Tot Ion:117 Resp: 800086
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 31.7 26.5 39.7



#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 :

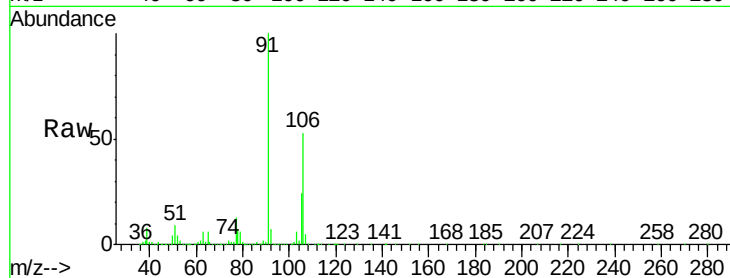
M-7-S

Tot Ion:106 Resp: 94127

Ion Ratio Lower Upper

106 100

91 195.6 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

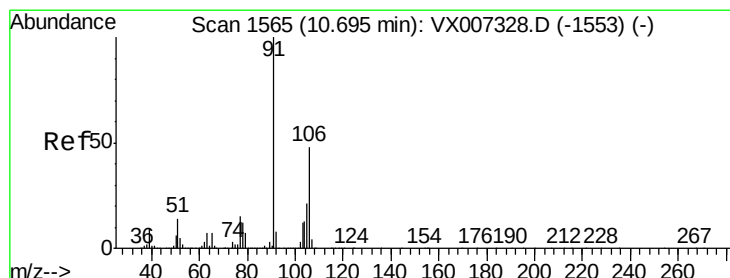
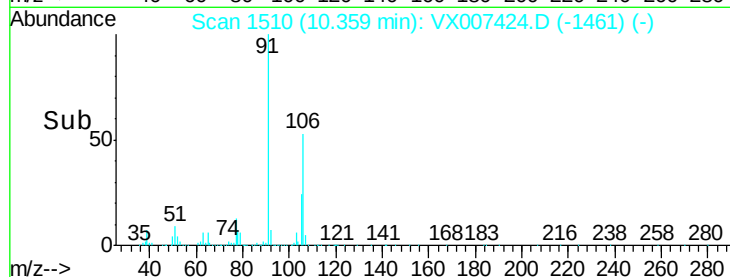
100000

50000

0

10.30 10.40

Time-->



#69

o-Xylene

Concen: 3.641 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007424.D

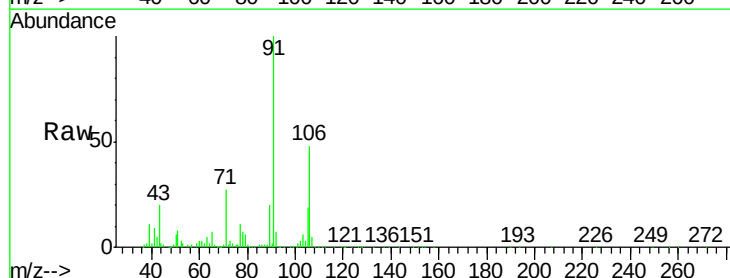
Acq: 07 Feb 2019 14:42

Tgt Ion:106 Resp: 39161

Ion Ratio Lower Upper

106 100

91 214.5 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

60000

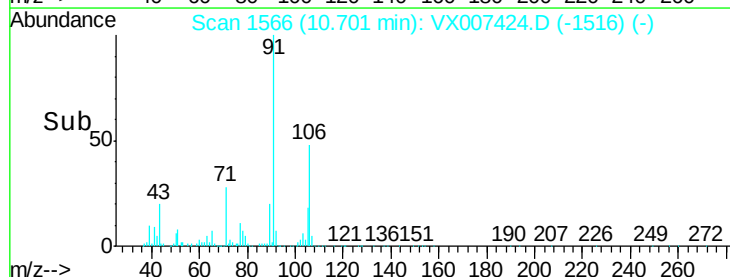
40000

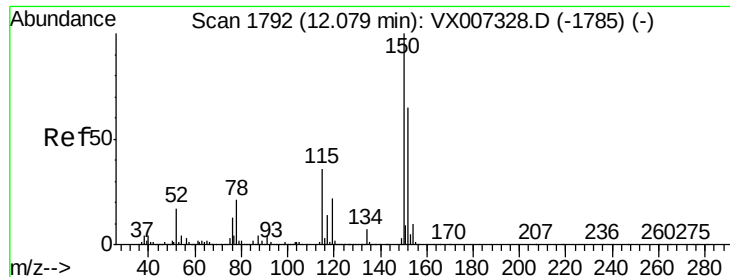
20000

0

10.60 10.65 10.70 10.75

Time-->



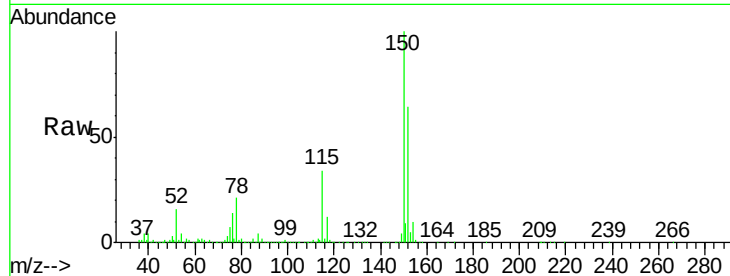


#72

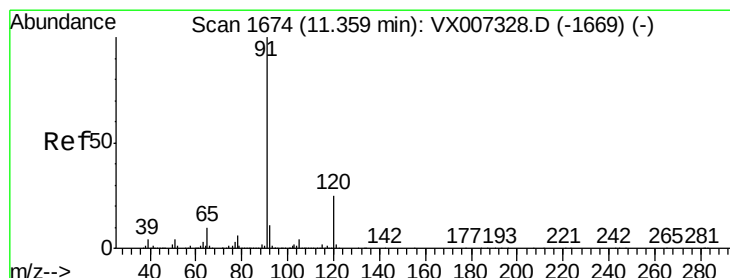
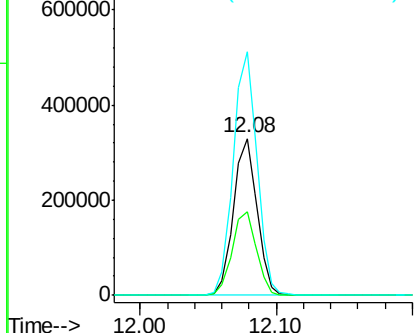
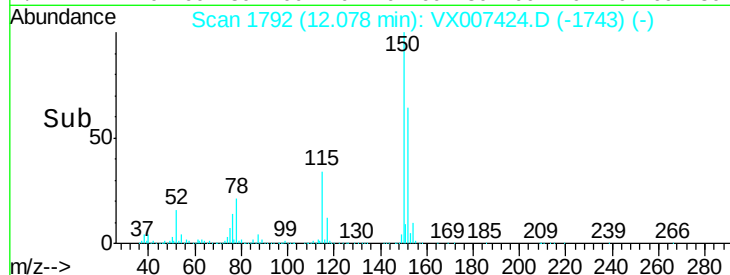
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
M-7-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.0	114.0
150	157.0	0.0	346.4



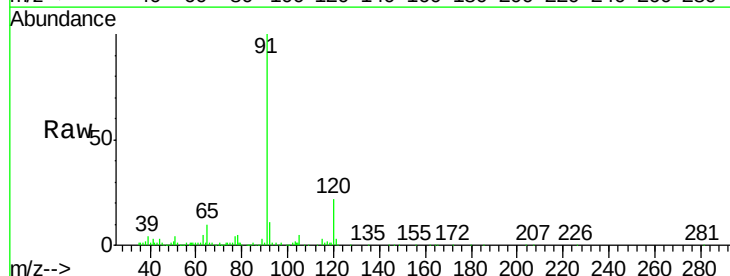
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



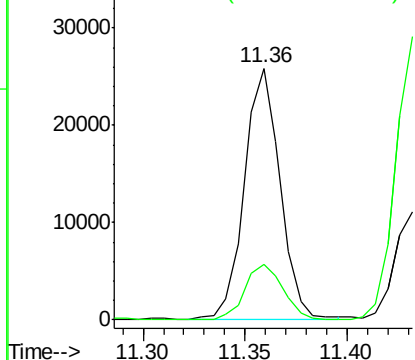
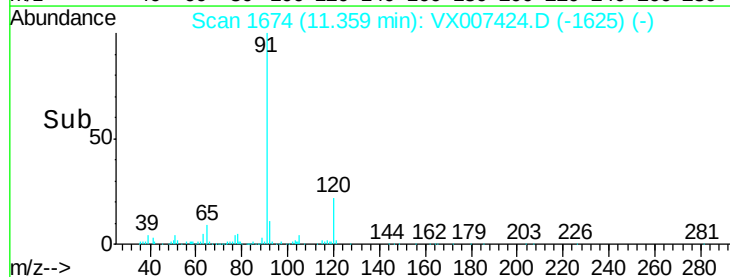
#78

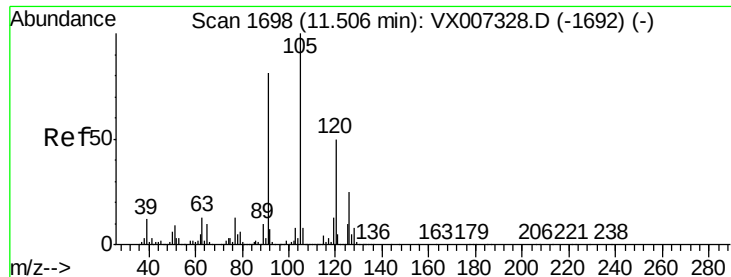
n-propylbenzene
Concen: 1.066 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007424.D
Acq: 07 Feb 2019 14:42

Tgt Ion	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





#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

Instrument :

MSVOA_X

ClientSampled :

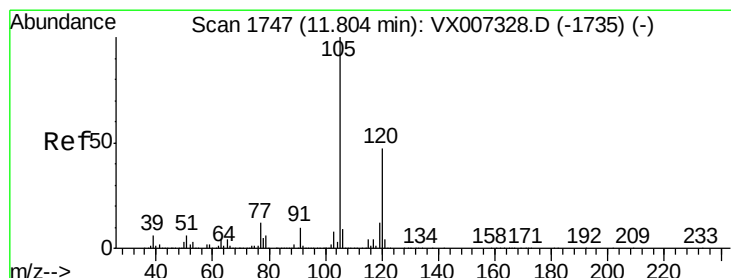
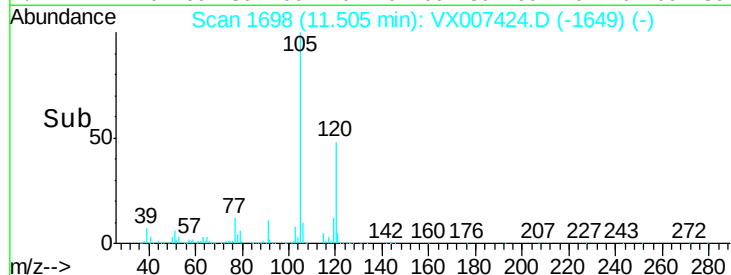
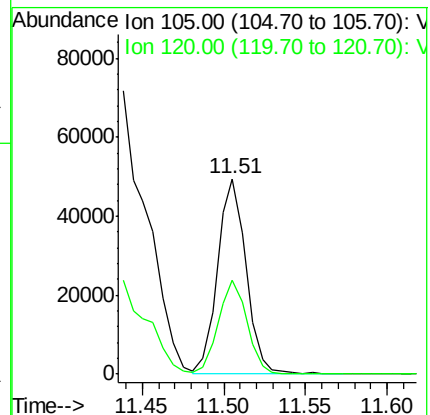
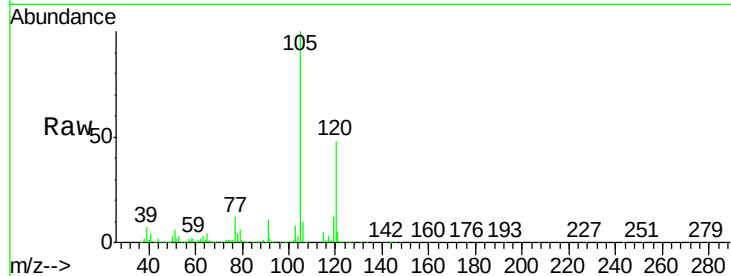
M-7-S

Tot Ion:105 Resp: 60109

Ion Ratio Lower Upper

105 100

120 48.6 25.3 75.8



#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

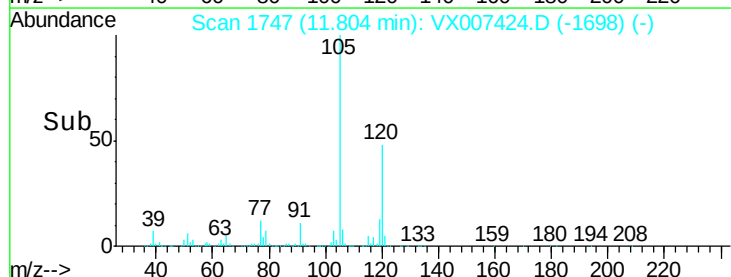
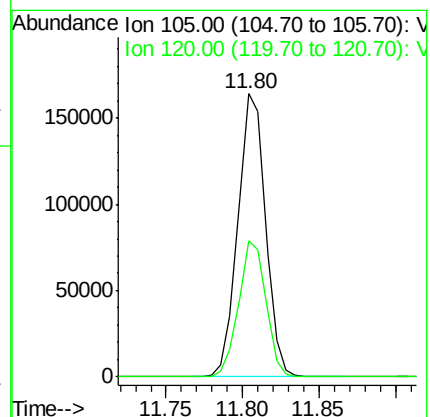
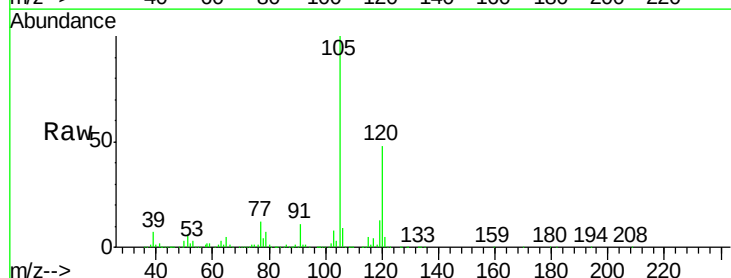
Acq: 07 Feb 2019 14:42

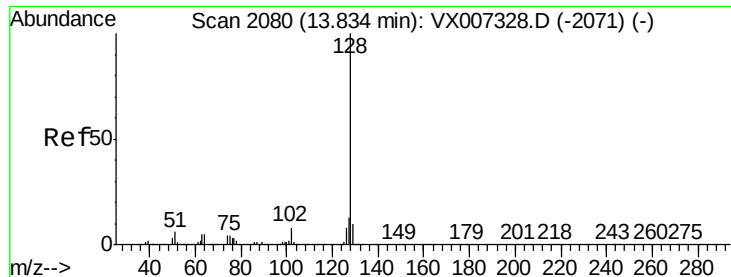
Tgt Ion:105 Resp: 205594

Ion Ratio Lower Upper

105 100

120 47.5 23.1 69.3





#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

