

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006802.D
 Acq On : 24 Dec 2018 18:24
 Operator : JC/MD
 Sample : J6533-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Dec 25 04:09:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	735507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1081052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	979395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	482788	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	361078	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
35) Dibromofluoromethane	5.50	113	319590	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
50) Toluene-d8	8.71	98	1268273	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	454016	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

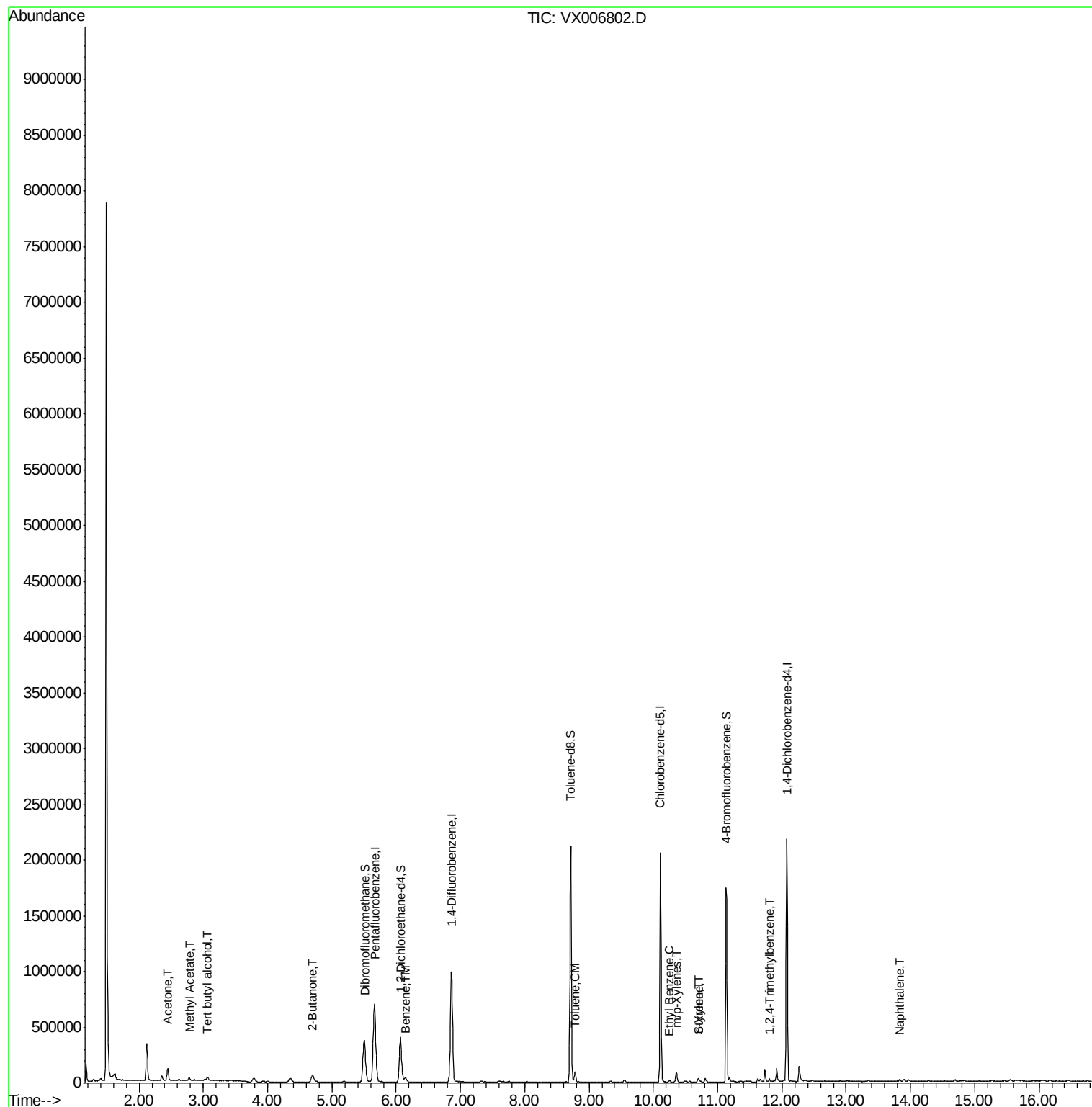
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	43260	24.453	ug/l	98
16) Acetone	2.45	43	115560	31.731	ug/l	95
18) Methyl Acetate	2.78	43	36635	3.421	ug/l	99
25) 2-Butanone	4.70	43	115150	22.478	ug/l	99
40) Benzene	6.15	78	46387	1.704	ug/l	99
52) Toluene	8.79	92	34130	1.941	ug/l	99
67) Ethyl Benzene	10.26	91	9052	0.267	ug/l	97
68) m/p-Xylenes	10.36	106	21043	1.575	ug/l	91
69) o-Xylene	10.69	106	7442	0.564	ug/l	94
70) Styrene	10.71	104	7733	0.370	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	11255	0.393	ug/l	91
95) Naphthalene	13.83	128	11960	0.337	ug/l #	91

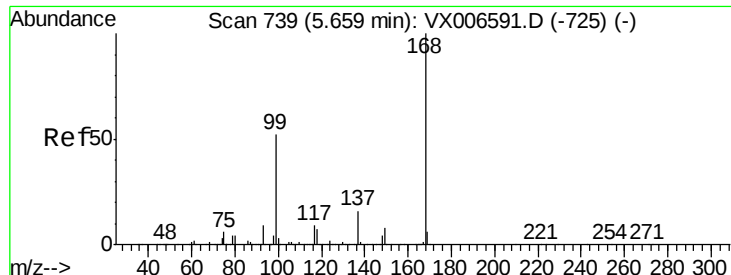
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006802.D
Acq On : 24 Dec 2018 18:24
Operator : JC/MD
Sample : J6533-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Quant Time: Dec 25 04:09:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

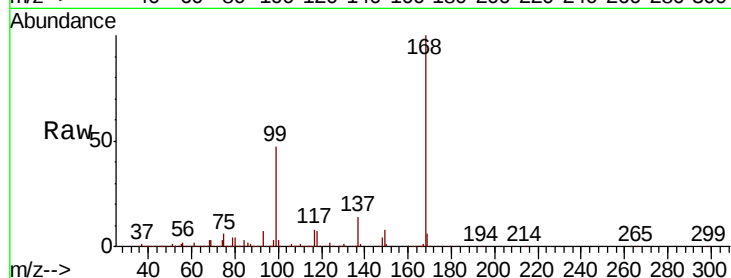
COMP-2

Tot Ion:168 Resp: 735507

Ion Ratio Lower Upper

168 100

99 47.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

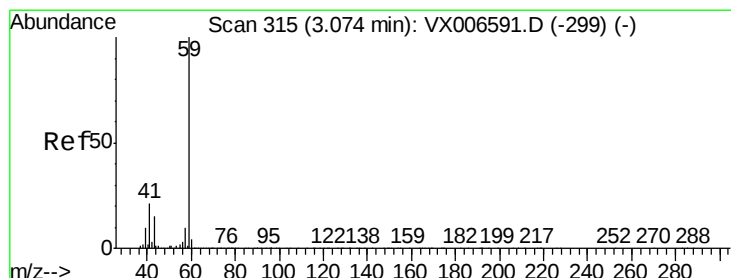
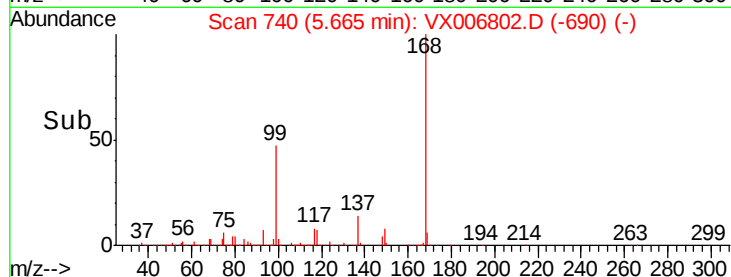
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 24.453 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006802.D

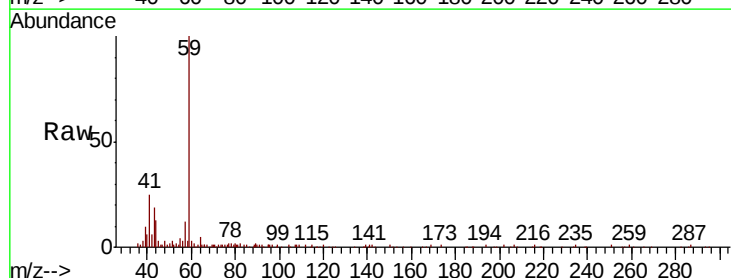
Acq: 24 Dec 2018 18:24

Tgt Ion: 59 Resp: 43260

Ion Ratio Lower Upper

59 100

57 11.3 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

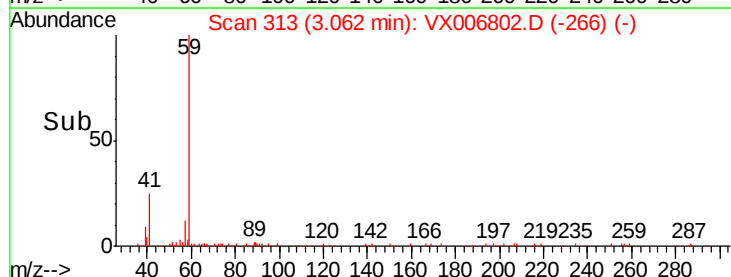
15000

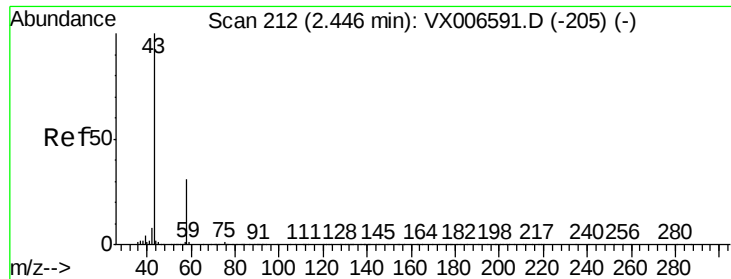
10000

5000

0

Time-->

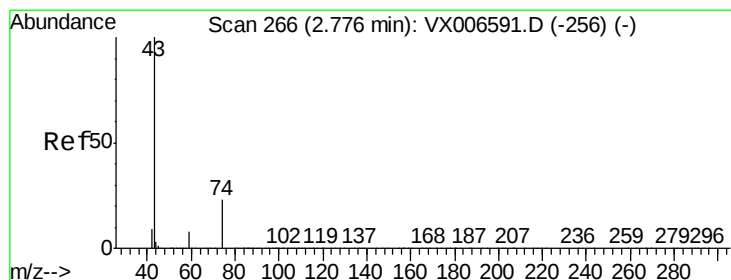
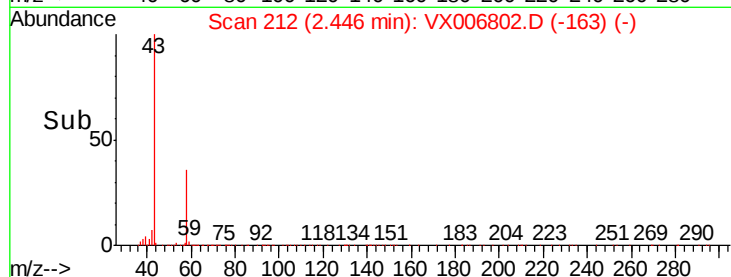
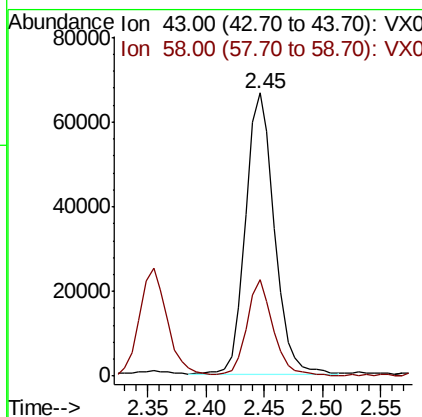
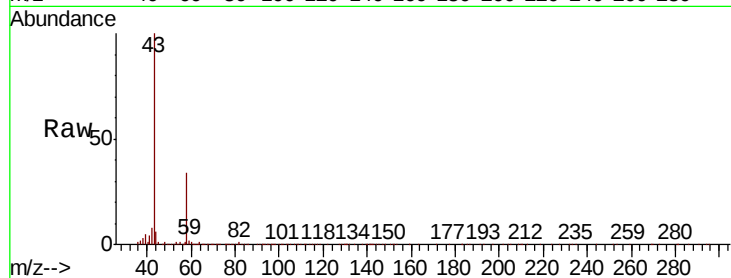




#16
Acetone
Concen: 31.731 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006802.D
Acq: 24 Dec 2018 18:24

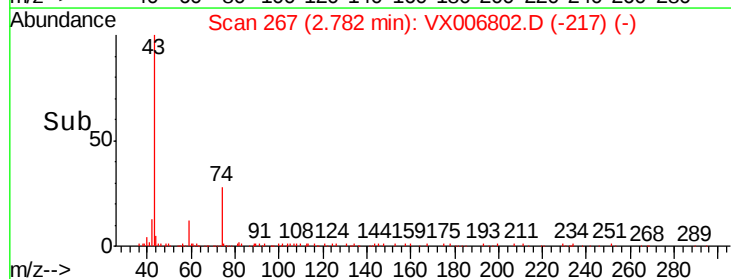
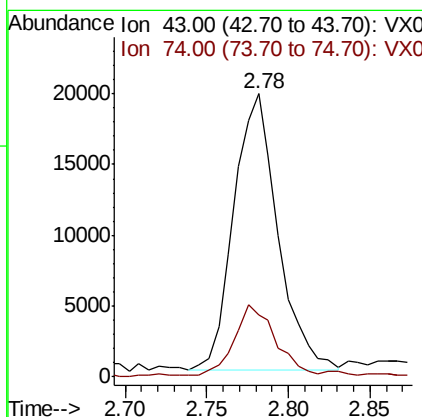
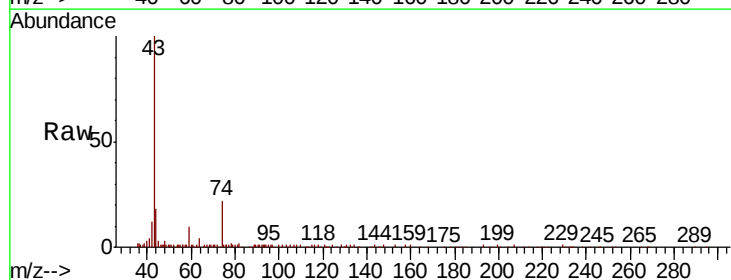
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

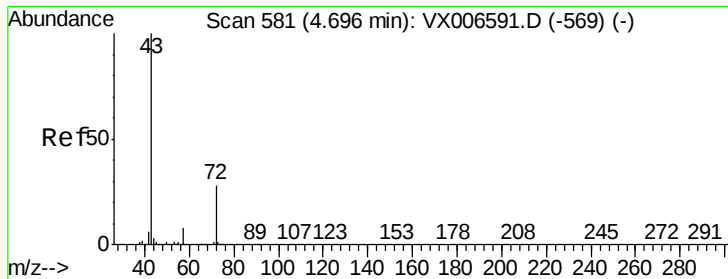
Tot Ion: 43 Resp: 115560
Ion Ratio Lower Upper
43 100
58 34.0 25.0 37.6



#18
Methyl Acetate
Concen: 3.421 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006802.D
Acq: 24 Dec 2018 18:24

Tgt Ion: 43 Resp: 36635
Ion Ratio Lower Upper
43 100
74 24.0 18.6 28.0





#25

2-Butanone

Concen: 22.478 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

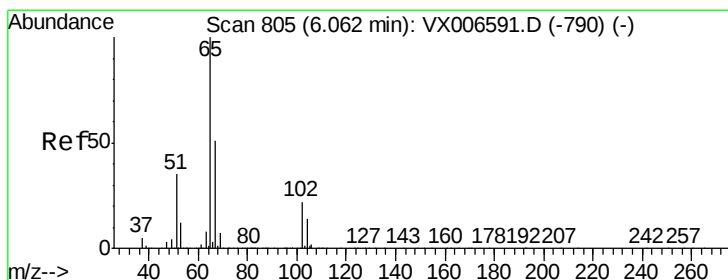
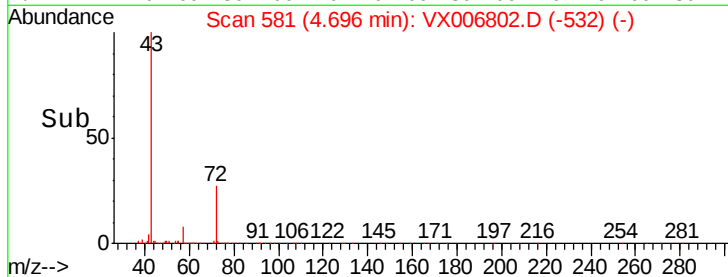
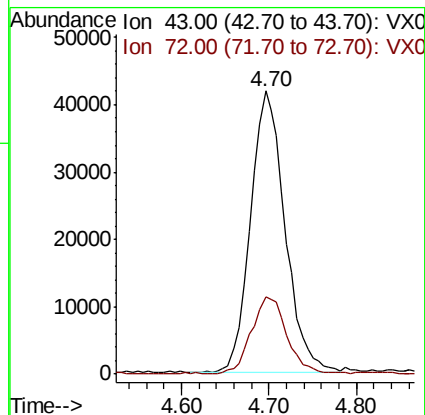
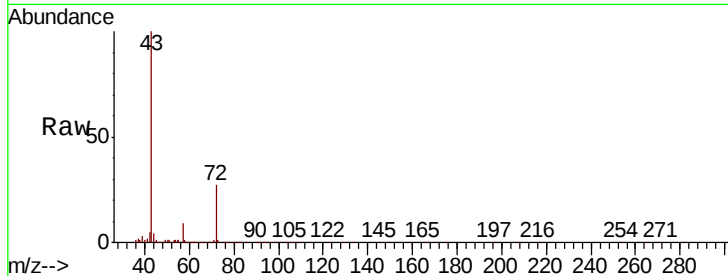
COMP-2

Tot Ion: 43 Resp: 115150

Ion Ratio Lower Upper

43 100

72 27.3 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 45.551 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006802.D

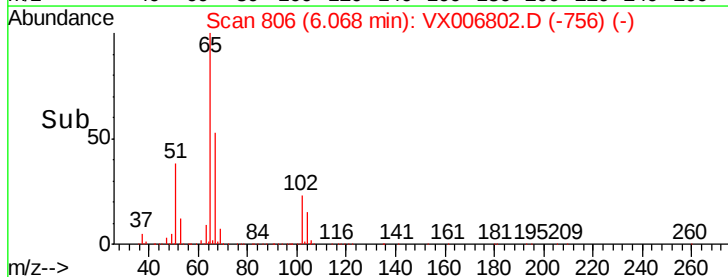
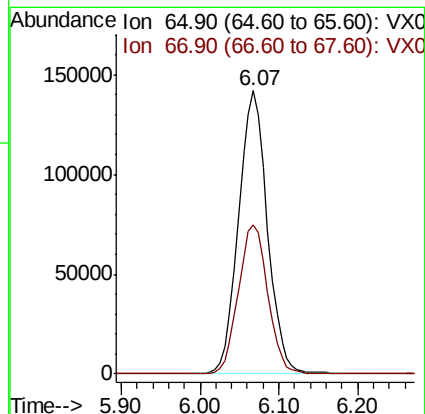
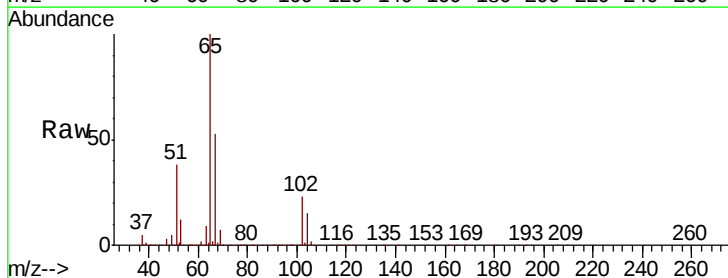
Acq: 24 Dec 2018 18:24

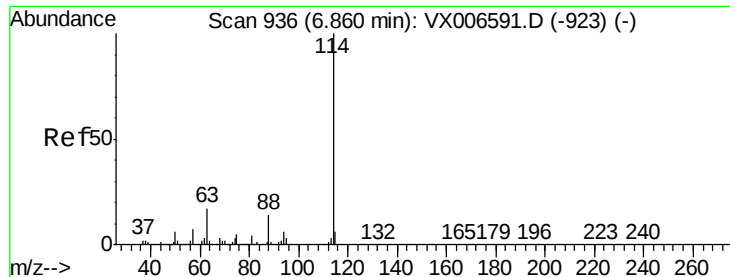
Tgt Ion: 65 Resp: 361078

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

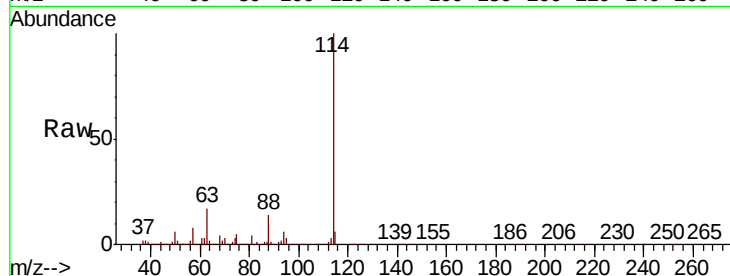
Tot Ion:114 Resp: 1081052

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.8

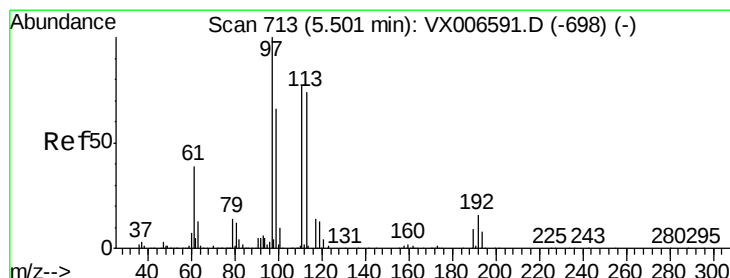
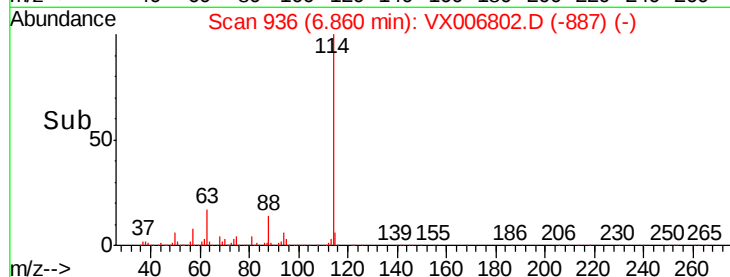
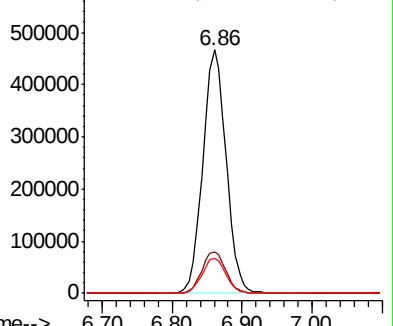
88 14.4 0.0 28.8



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: 46.748 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

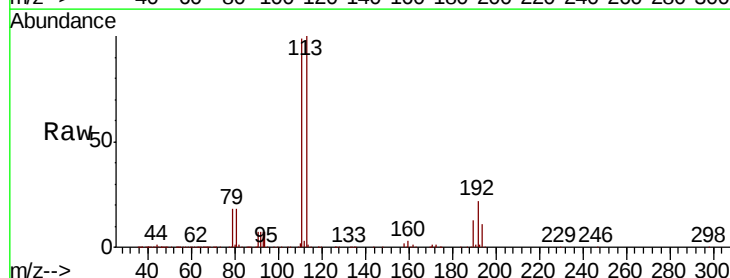
Tgt Ion:113 Resp: 319590

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

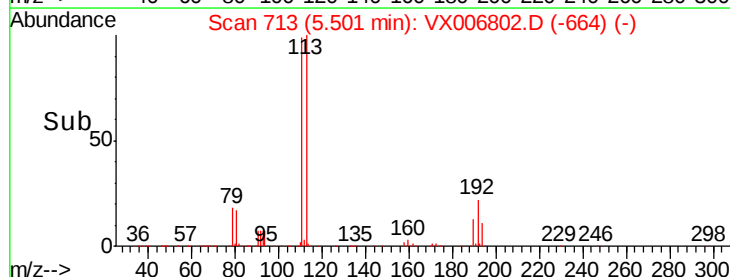
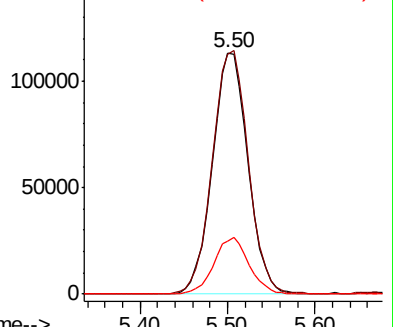
192 23.0 16.7 25.1

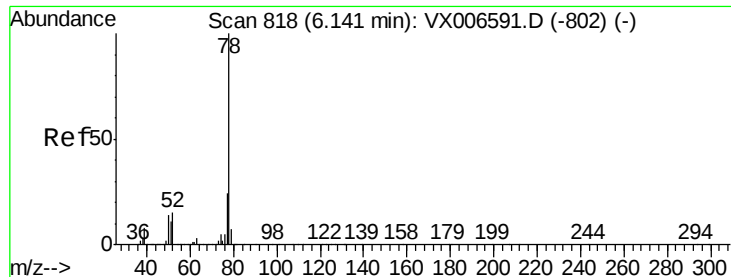


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.704 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

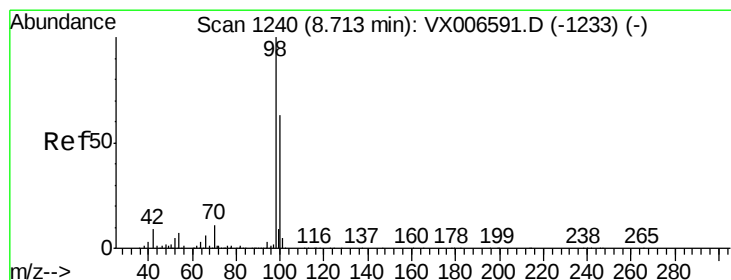
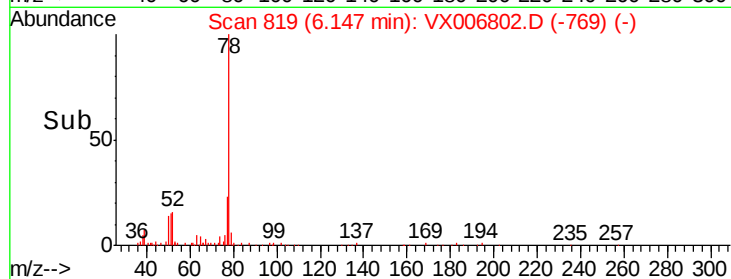
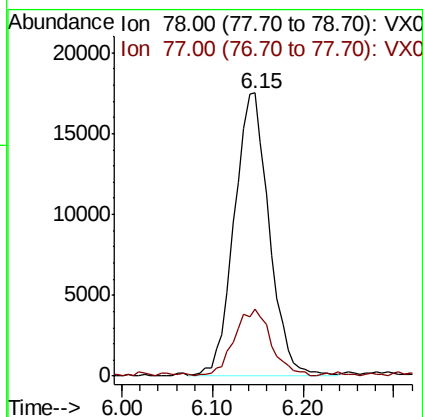
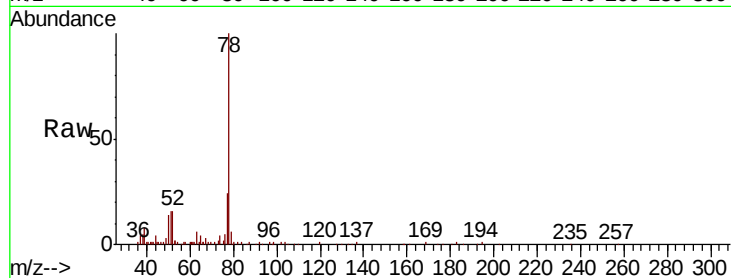
COMP-2

Tot Ion: 78 Resp: 46387

Ion Ratio Lower Upper

78 100

77 23.3 19.2 28.8



#50

Toluene-d8

Concen: 49.209 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006802.D

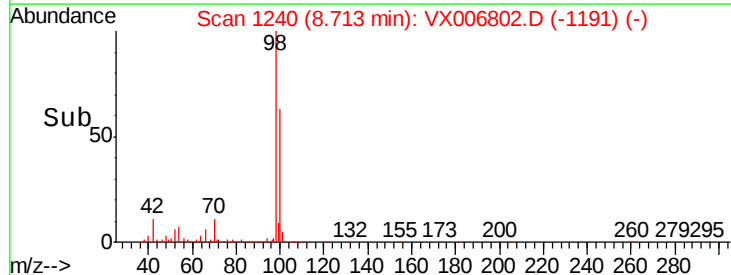
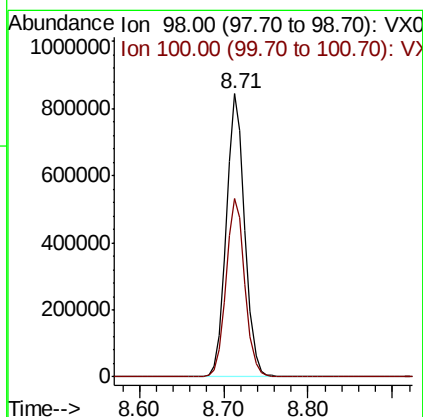
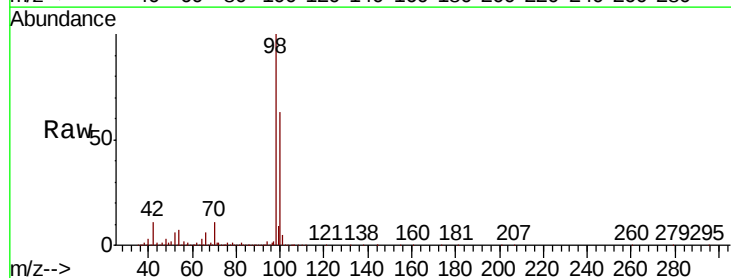
Acq: 24 Dec 2018 18:24

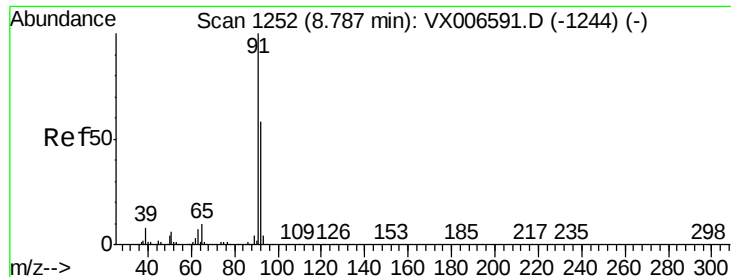
Tgt Ion: 98 Resp: 1268273

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#52

Toluene

Concen: 1.941 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

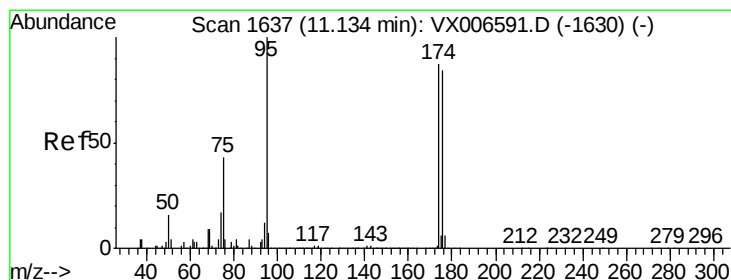
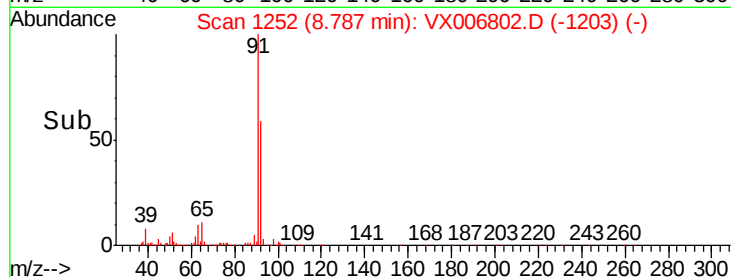
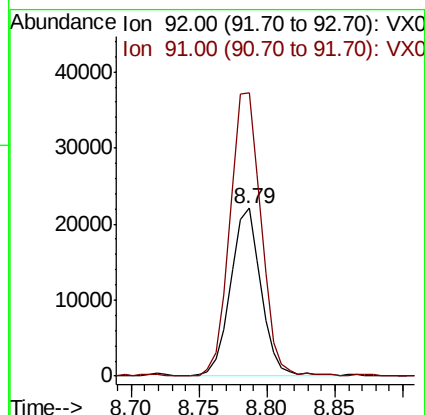
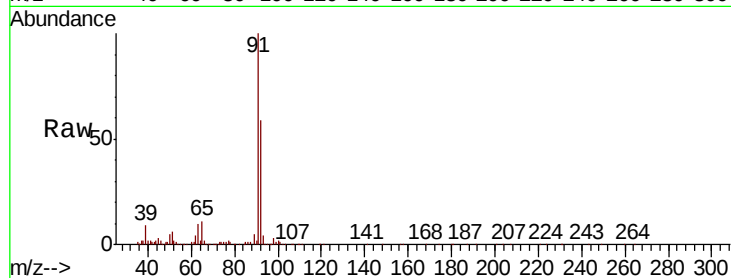
COMP-2

Tot Ion: 92 Resp: 34130

Ion Ratio Lower Upper

92 100

91 173.0 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 48.099 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

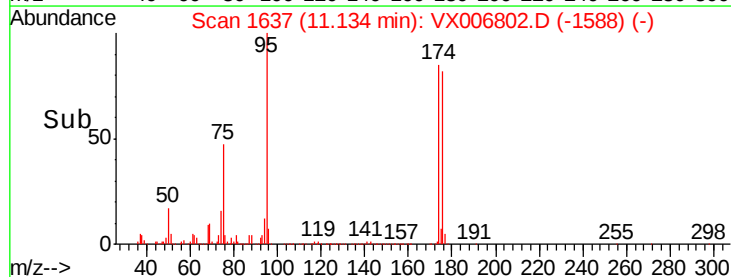
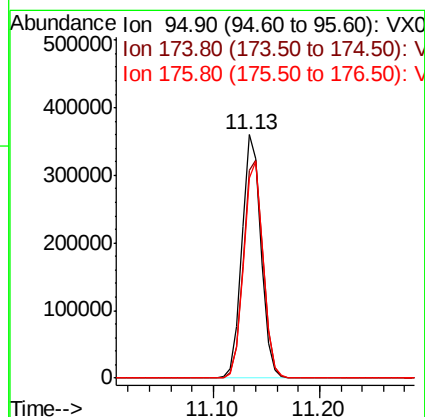
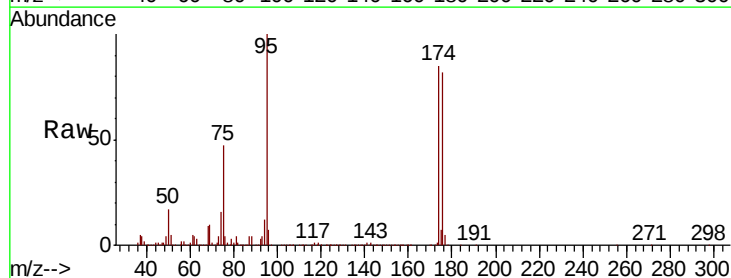
Tgt Ion: 95 Resp: 454016

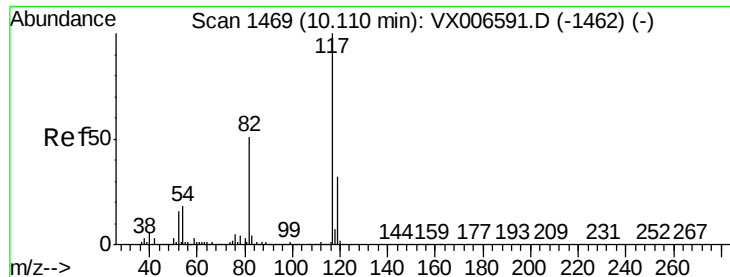
Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.2

176 90.5 0.0 178.8

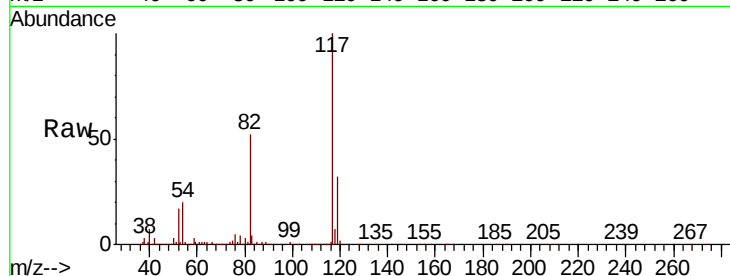




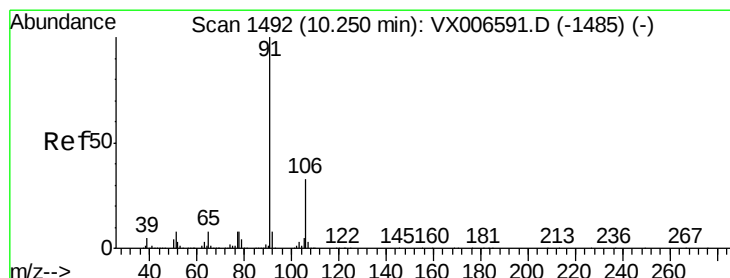
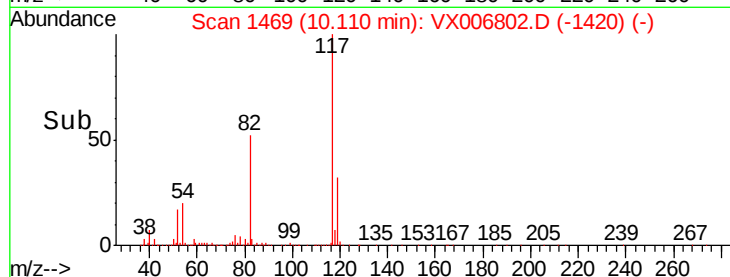
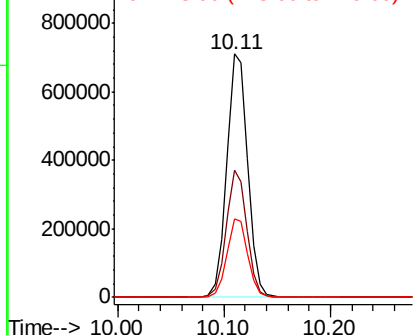
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006802.D
Acq: 24 Dec 2018 18:24

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tot Ion:117 Resp: 979395
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 32.4 25.4 38.0

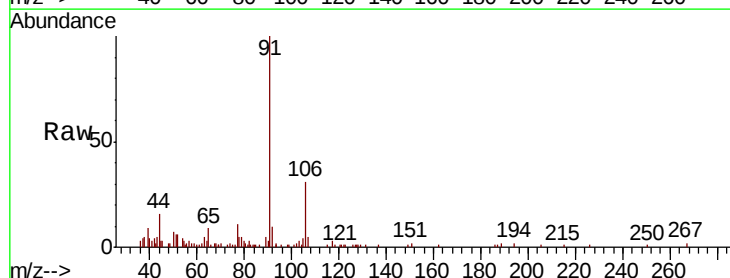


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

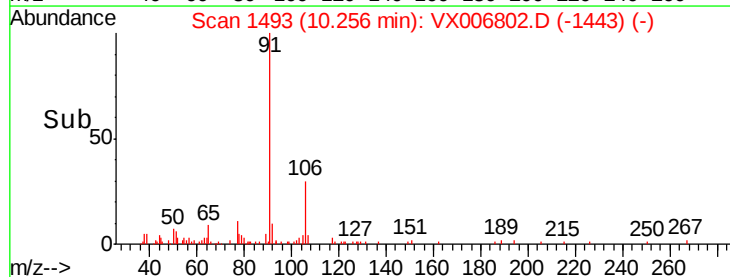
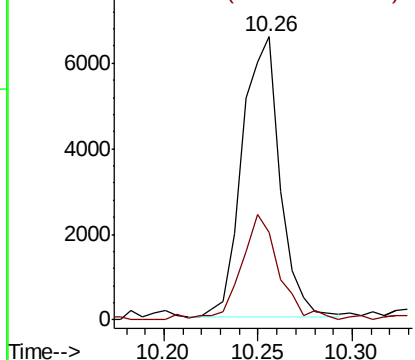


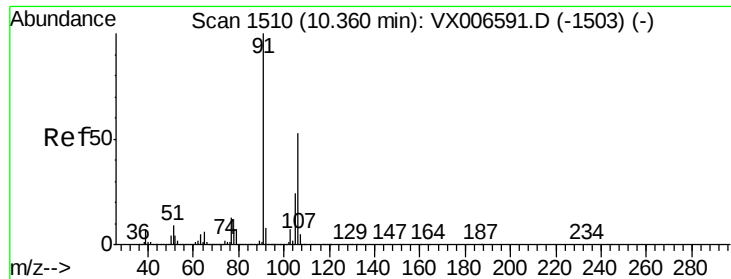
#67
Ethyl Benzene
Concen: 0.267 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006802.D
Acq: 24 Dec 2018 18:24

Tgt Ion: 91 Resp: 9052
Ion Ratio Lower Upper
91 100
106 31.1 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

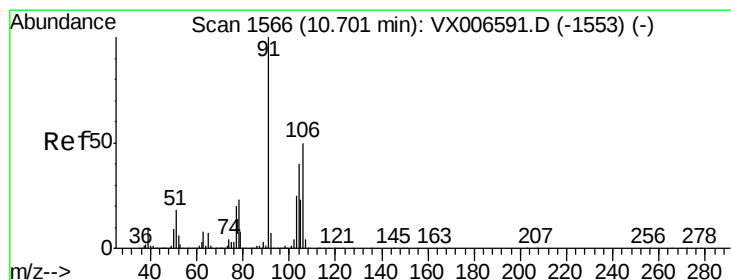
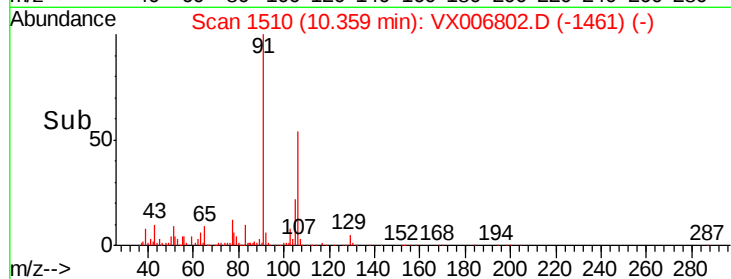
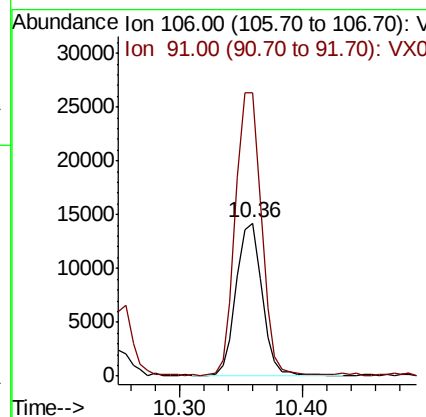
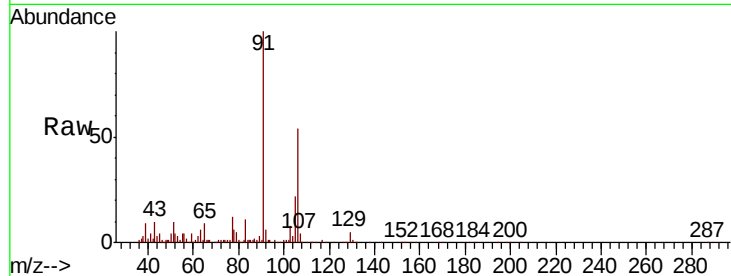




#68
m/p-Xylenes
Concen: 1.575 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006802.D
Acq: 24 Dec 2018 18:24

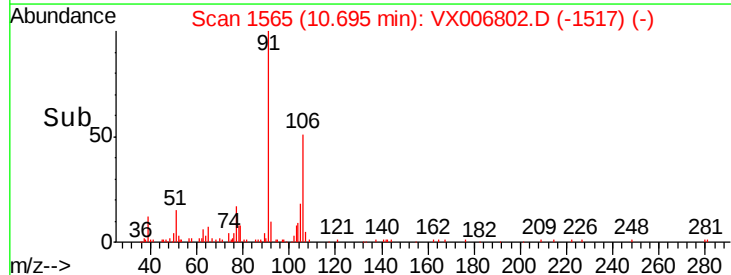
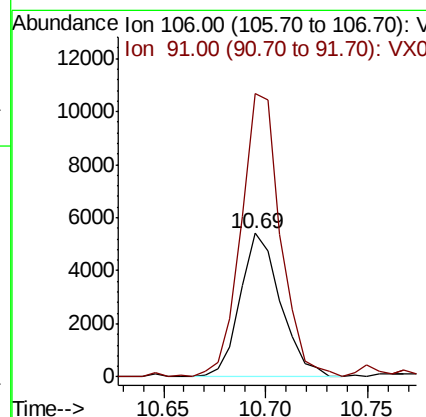
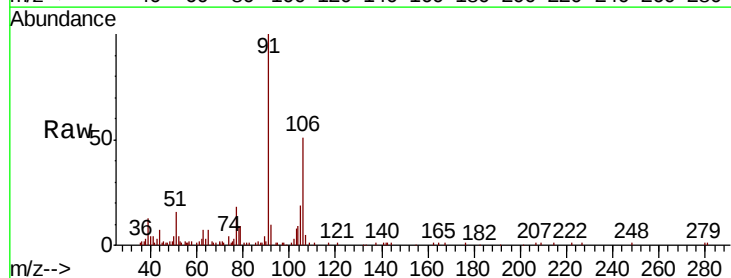
Instrument :
MSVOA_X
ClientSampled :
COMP-2

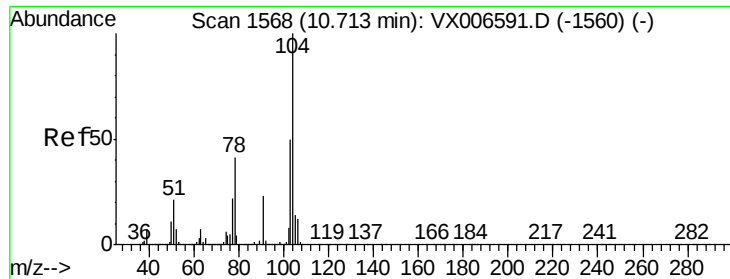
Tot Ion:106 Resp: 21043
Ion Ratio Lower Upper
106 100
91 181.8 155.8 233.6



#69
o-Xylene
Concen: 0.564 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006802.D
Acq: 24 Dec 2018 18:24

Tgt Ion:106 Resp: 7442
Ion Ratio Lower Upper
106 100
91 193.0 101.3 303.7





#70

Stvrene

Concen: 0.370 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

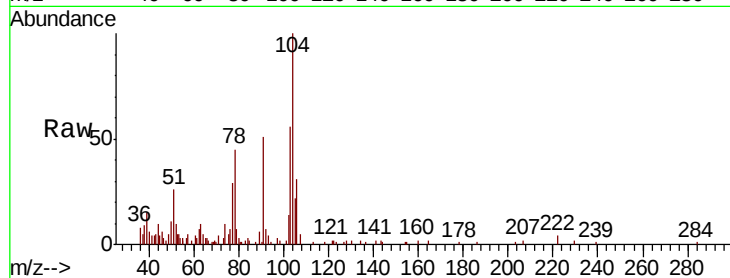
Tot Ion:104 Resp: 7733

Ion Ratio Lower Upper

104 100

78 53.4 37.7 56.5

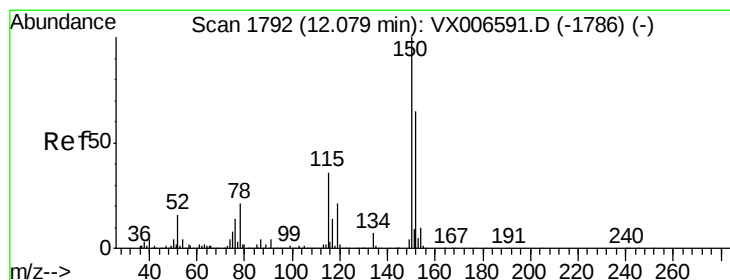
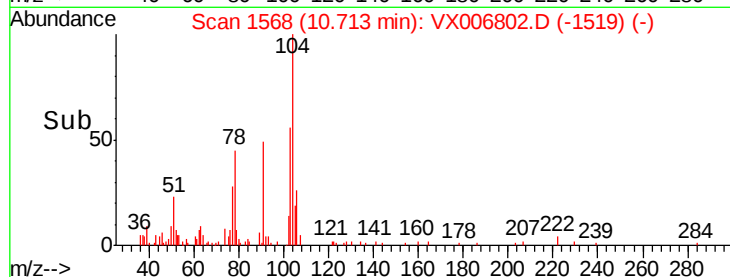
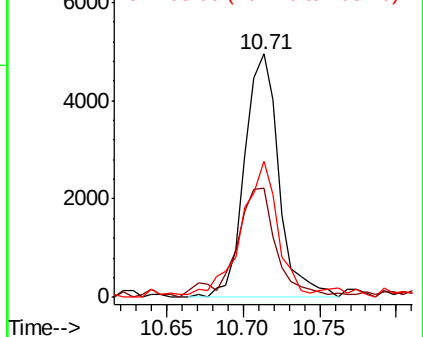
103 59.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

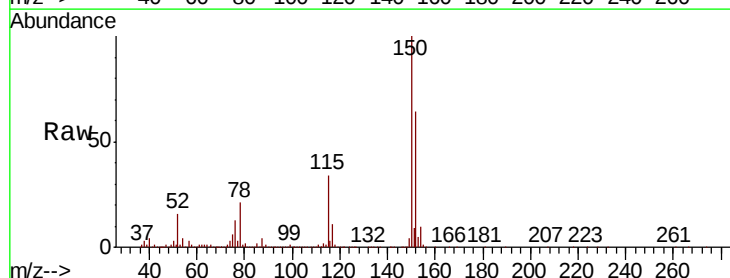
Tgt Ion:152 Resp: 482788

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.2

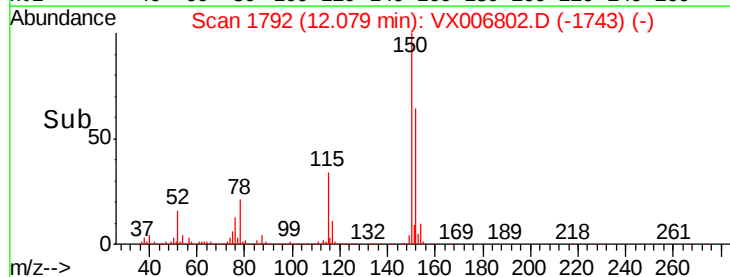
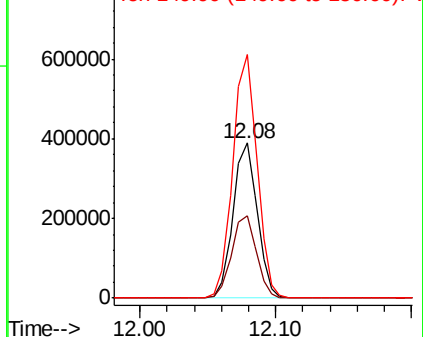
150 157.7 0.0 344.8

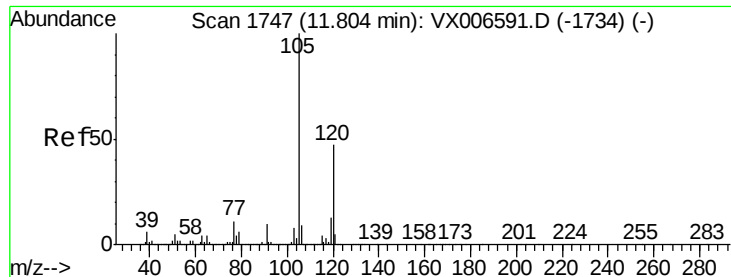


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 0.393 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

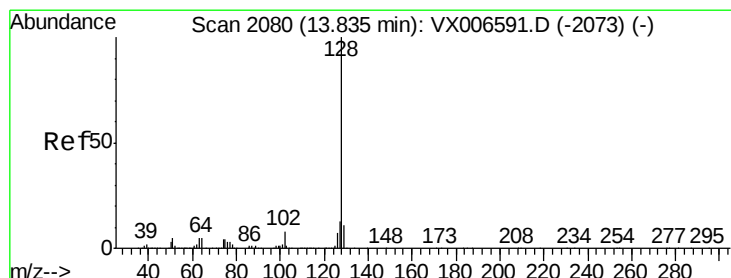
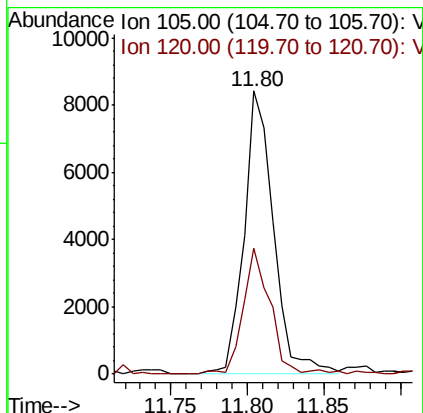
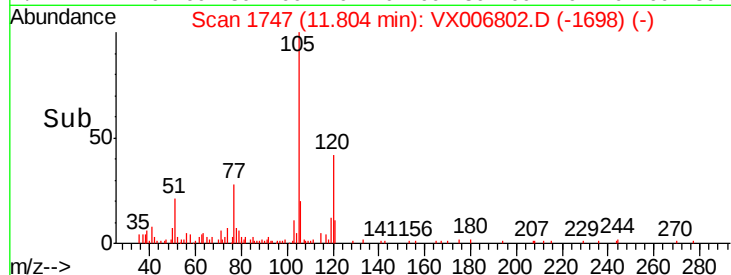
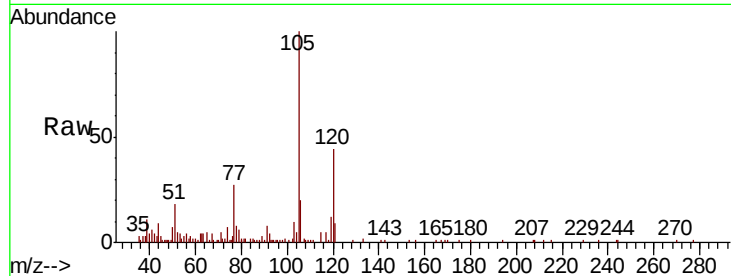
COMP-2

Tot Ion:105 Resp: 11255

Ion Ratio Lower Upper

105 100

120 40.4 23.2 69.6



#95

Naphthalene

Concen: 0.337 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006802.D

Acq: 24 Dec 2018 18:24

Tgt Ion:128 Resp: 11960

Ion Ratio Lower Upper

128 100

127 15.2 10.1 15.1#

129 15.2 8.6 13.0#

