

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014804.D
 Acq On : 04 Feb 2020 13:16
 Operator : JC/SP
 Sample : L1329-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-11

Quant Time: Feb 05 03:44:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	675657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	248873	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	5.49	113	207859	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	811465	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	290945	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

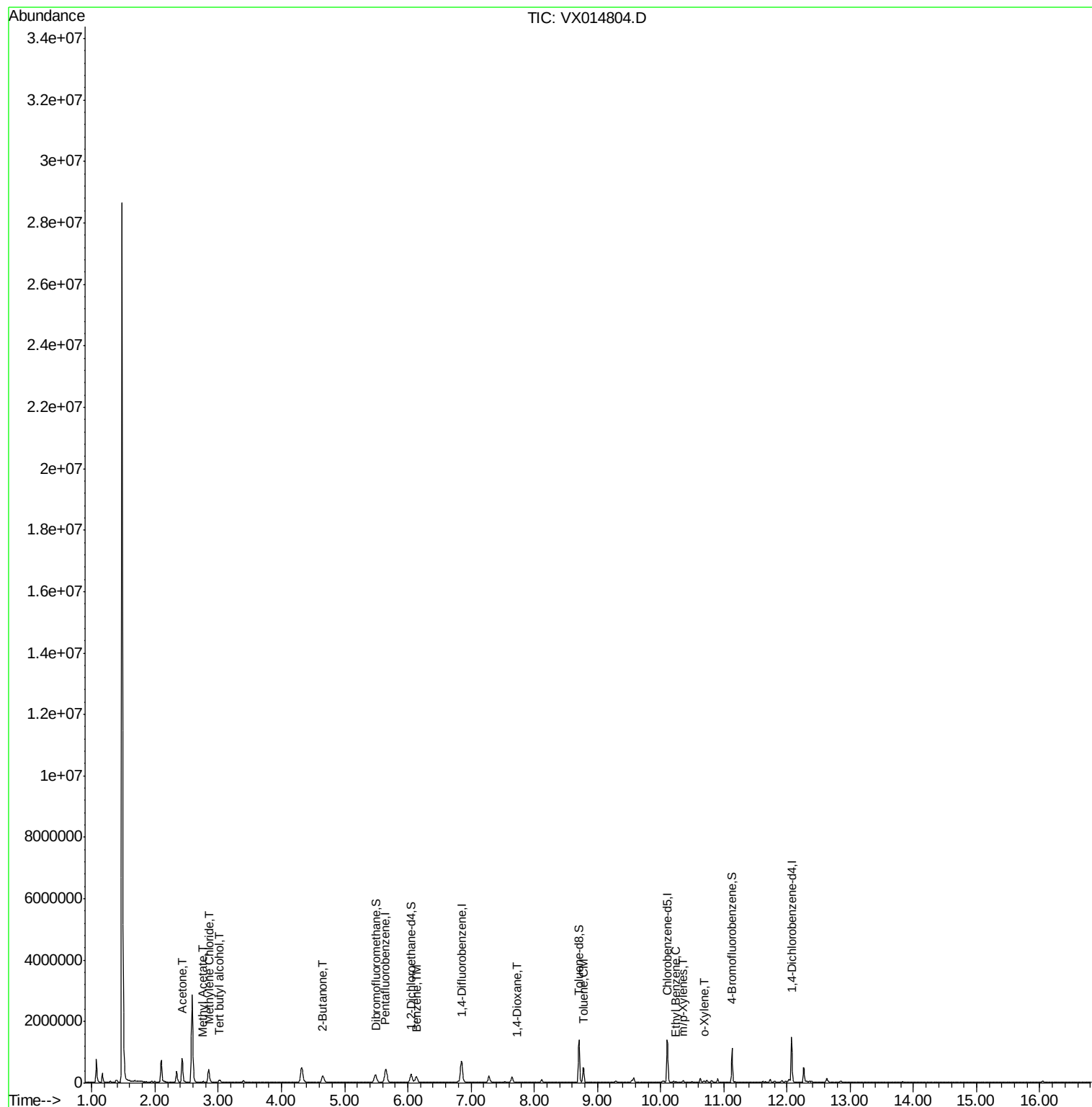
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	88379	78.308	ug/l	97
16) Acetone	2.43	43	814999	295.787	ug/l	99
18) Methyl Acetate	2.76	43	24433	3.107	ug/l	93
20) Methylene Chloride	2.85	84	203081	39.835	ug/l	98
25) 2-Butanone	4.65	43	363585	92.108	ug/l	97
40) Benzene	6.14	78	212333	10.946	ug/l	100
49) 1,4-Dioxane	7.73	88	5519	46.278	ug/l #	85
52) Toluene	8.78	92	181647	15.233	ug/l	99
67) Ethyl Benzene	10.25	91	9374	0.405	ug/l	95
68) m/p-Xylenes	10.35	106	15820	1.805	ug/l	98
69) o-Xylene	10.69	106	7283	0.861	ug/l	98

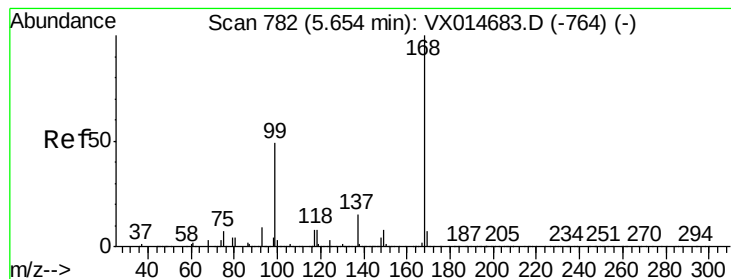
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

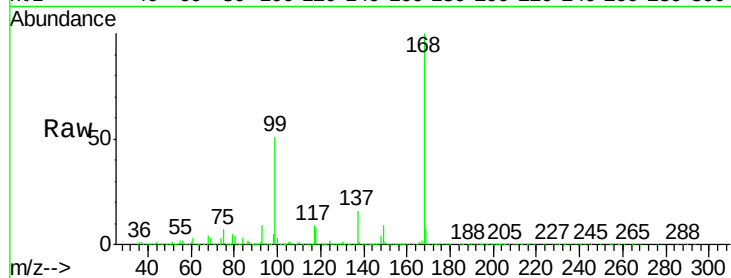
COMP-11

Tot Ion:168 Resp: 430476

Ion Ratio Lower Upper

168 100

99 51.1 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

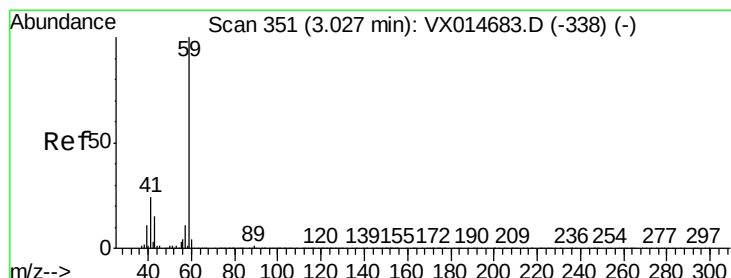
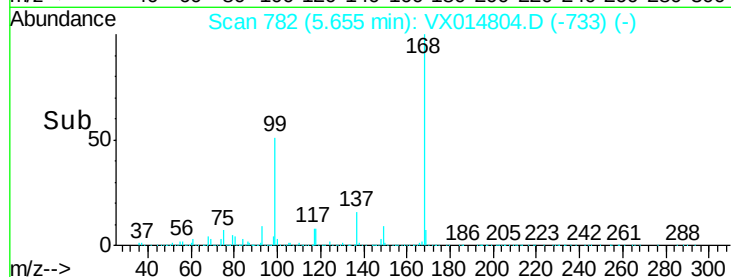
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 78.308 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014804.D

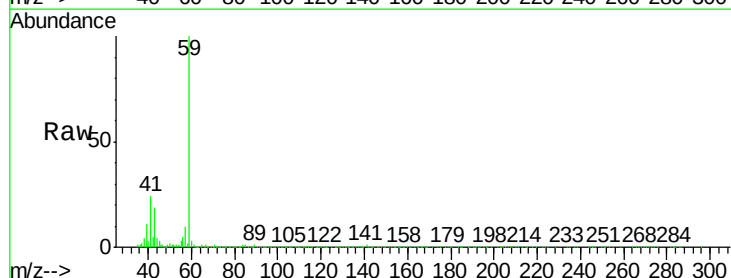
Acq: 04 Feb 2020 13:16

Tgt Ion: 59 Resp: 88379

Ion Ratio Lower Upper

59 100

57 9.4 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

40000

30000

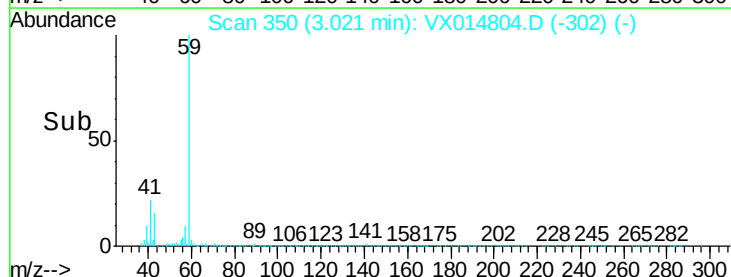
20000

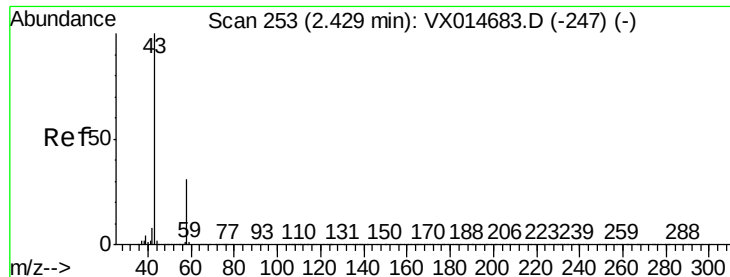
10000

0

Time-->

2.90 3.00 3.10

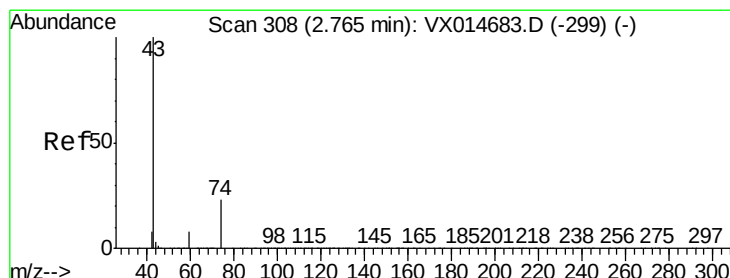
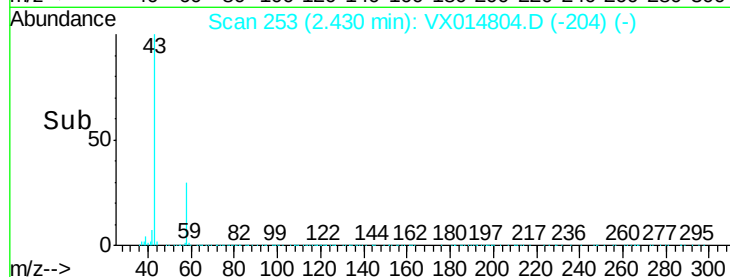
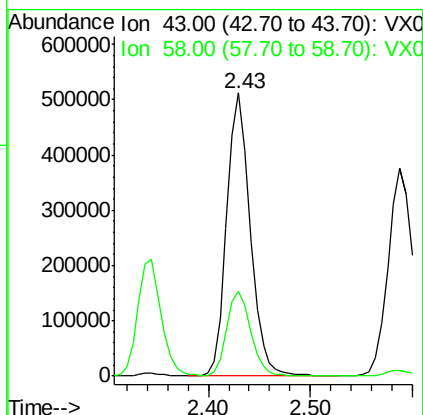
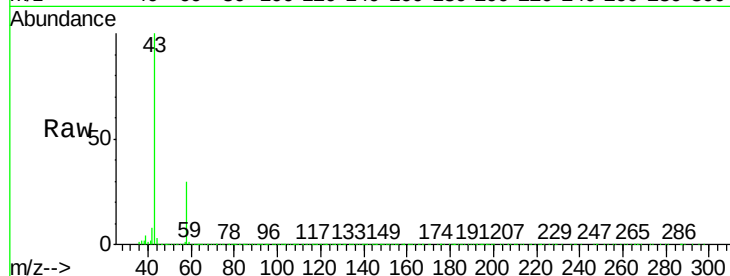




#16
Acetone
Concen: 295.787 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

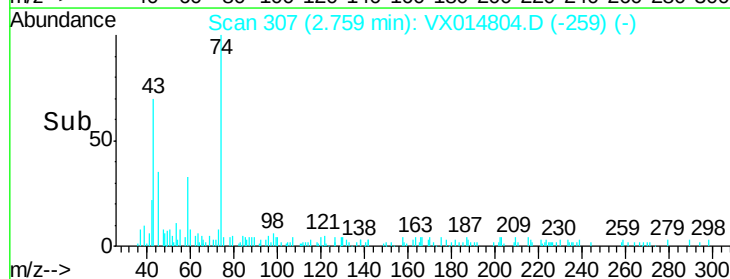
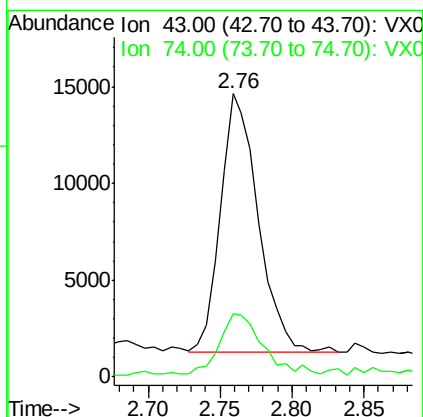
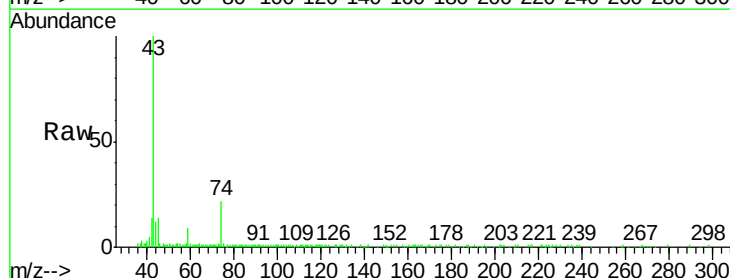
Instrument :
MSVOA_X
ClientSampled :
COMP-11

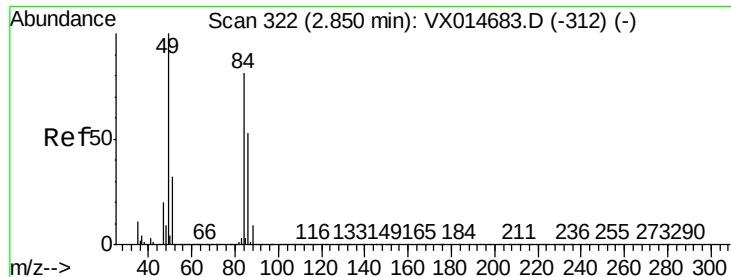
Tot Ion: 43 Resp: 814999
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7



#18
Methyl Acetate
Concen: 3.107 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 43 Resp: 24433
Ion Ratio Lower Upper
43 100
74 26.5 18.5 27.7

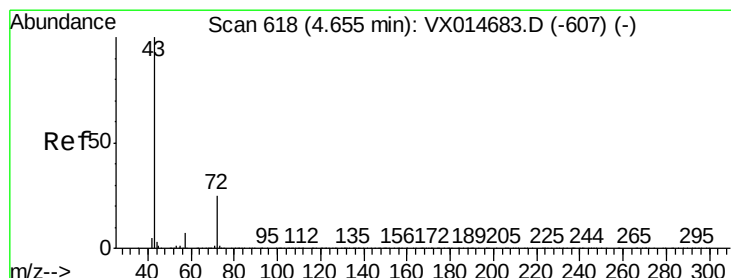
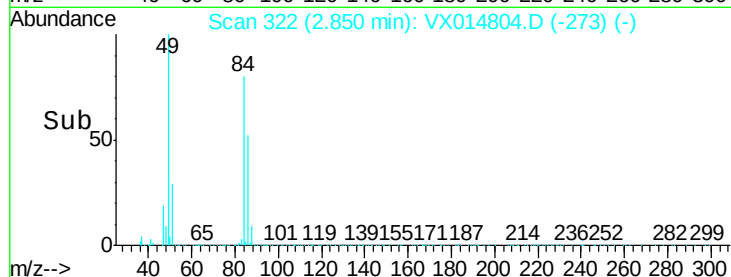
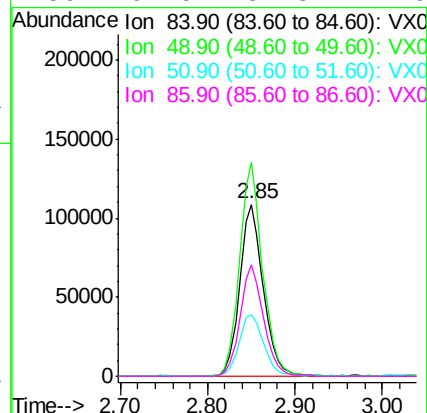
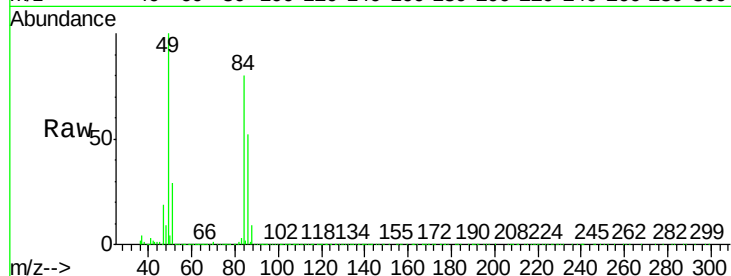




#20
Methvlene Chloride
Concen: 39.835 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

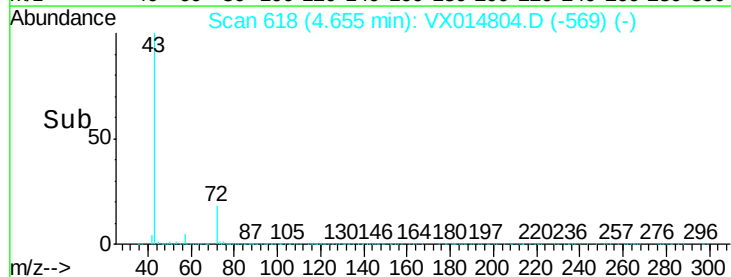
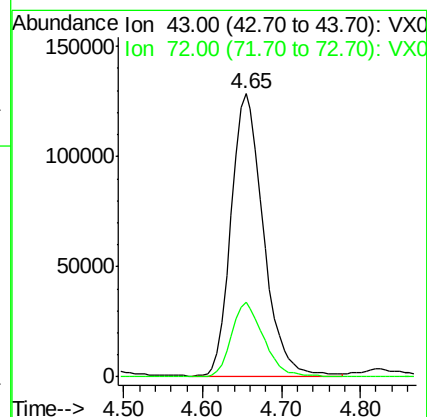
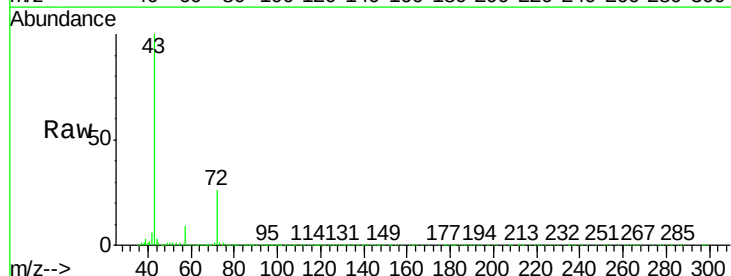
Instrument :
MSVOA_X
ClientSampleId :
COMP-11

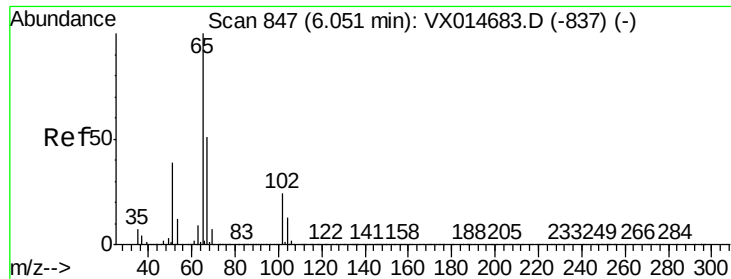
Tot Ion:	84	Resp:	203081
Ion	Ratio	Lower	Upper
84	100		
49	124.2	98.2	147.4
51	35.5	31.3	46.9
86	64.5	51.8	77.6



#25
2-Butanone
Concen: 92.108 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion:	43	Resp:	363585
Ion	Ratio	Lower	Upper
43	100		
72	26.4	19.9	29.9

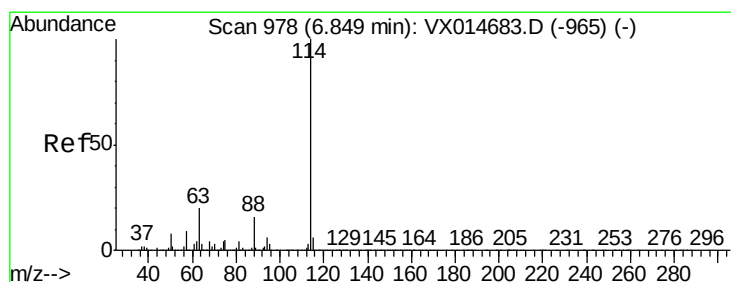
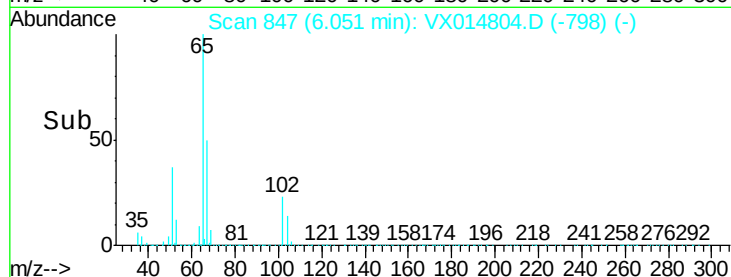
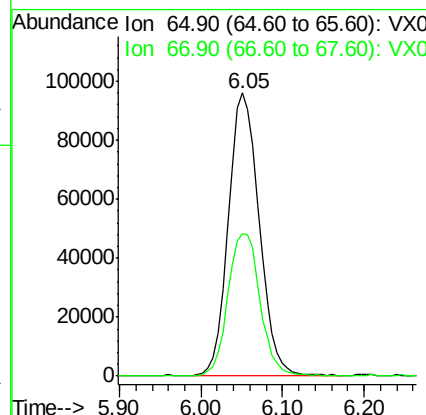
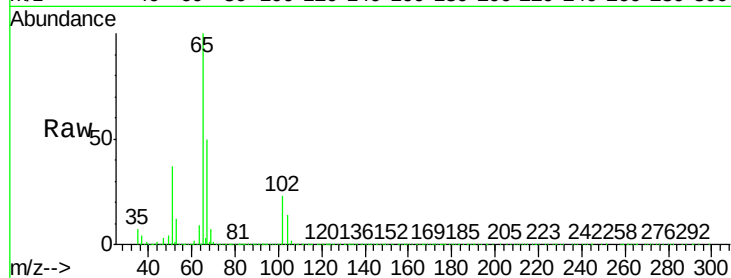




#33
 1,2-Dichloroethane-d4
 Concen: 49.508 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

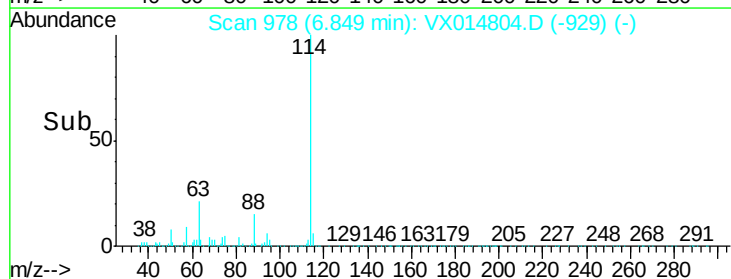
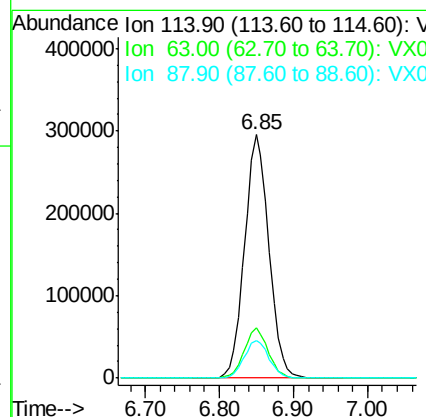
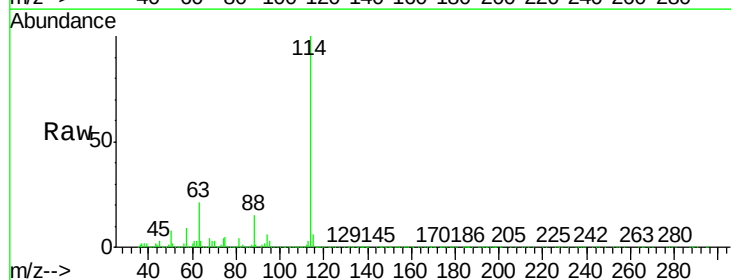
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-11

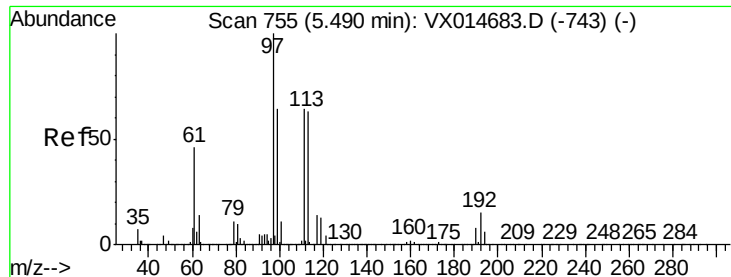
Tot Ion: 65 Resp: 248873
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

Tgt Ion: 114 Resp: 675657
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.6
 88 15.4 0.0 31.2

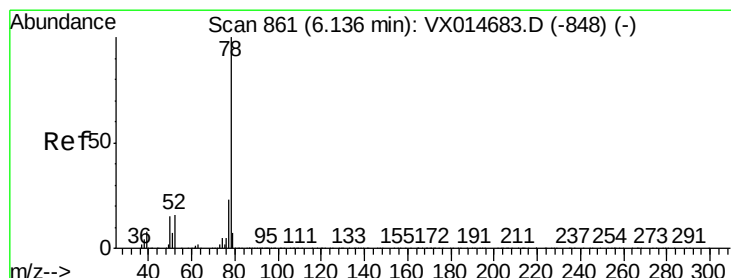
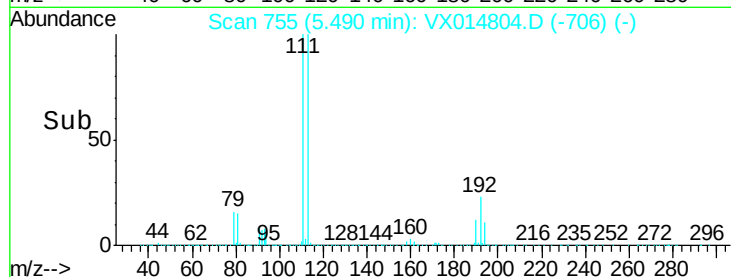
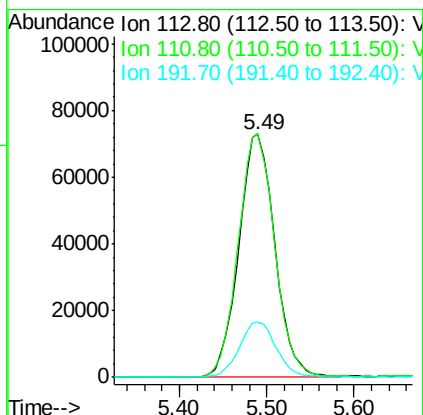
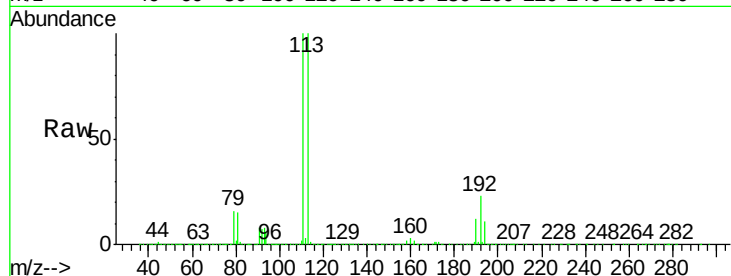




#35
 Dibromofluoromethane
 Concen: 48.755 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

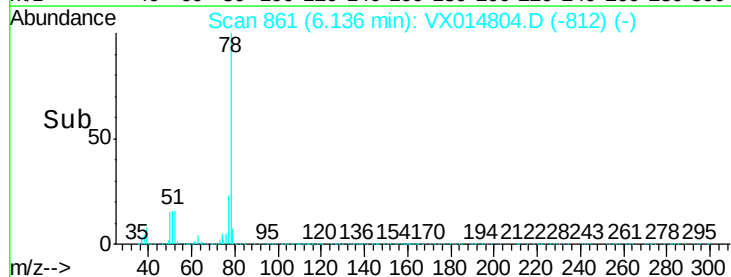
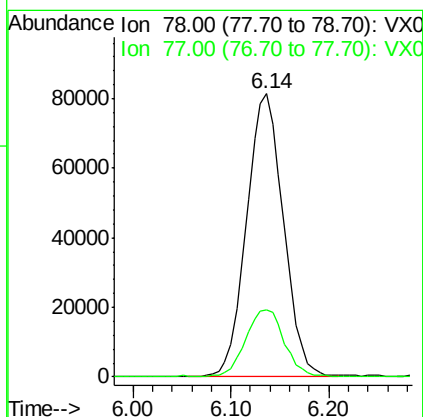
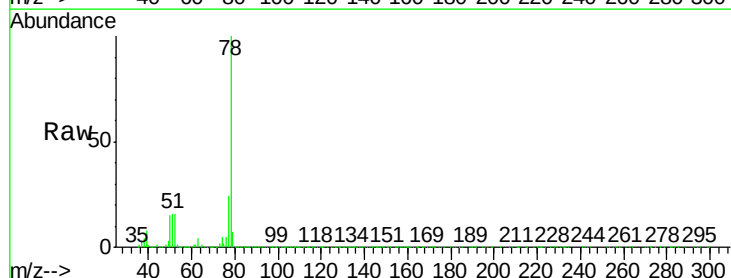
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-11

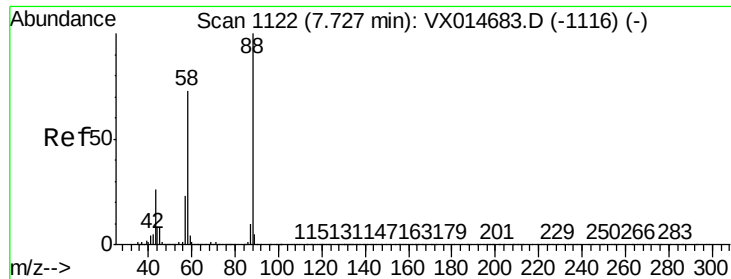
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	23.4	18.5	27.7



#40
 Benzene
 Concen: 10.946 ug/l
 RT: 6.14 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





#49

1,4-Dioxane

Concen: 46.278 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampled :

COMP-11

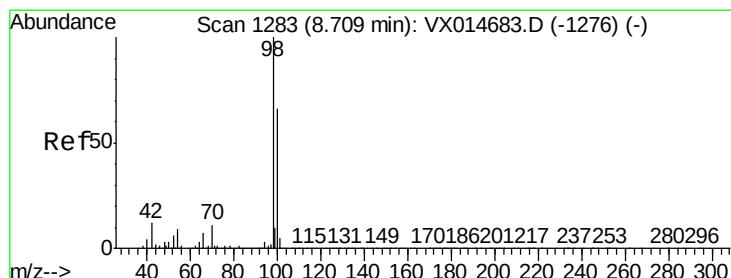
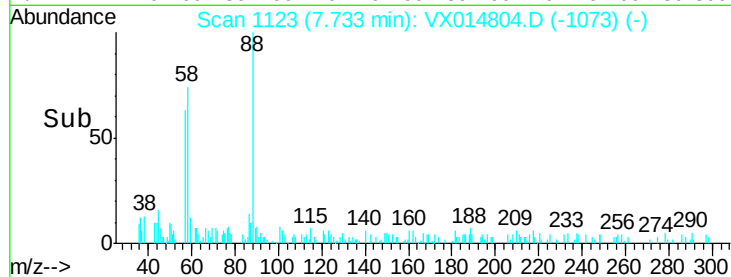
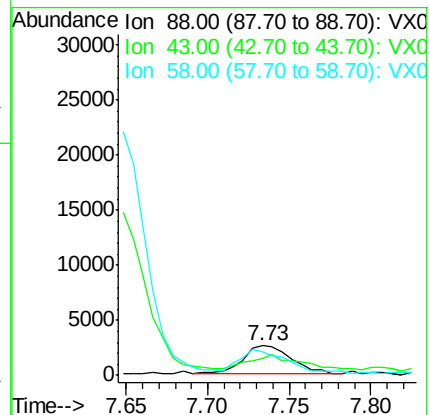
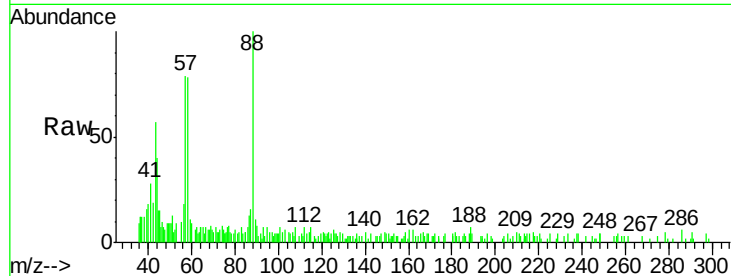
Tot Ion: 88 Resp: 5519

Ion Ratio Lower Upper

88 100

43 49.2 26.2 39.2#

58 77.1 56.6 85.0



#50

Toluene-d8

Concen: 49.510 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014804.D

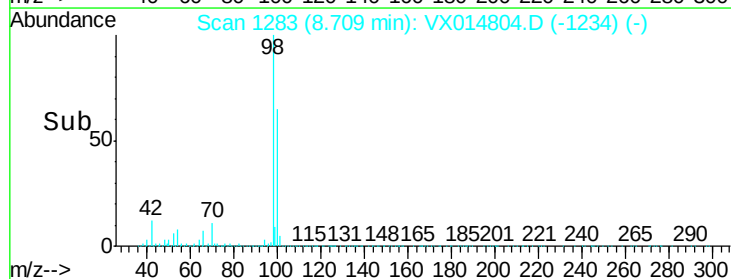
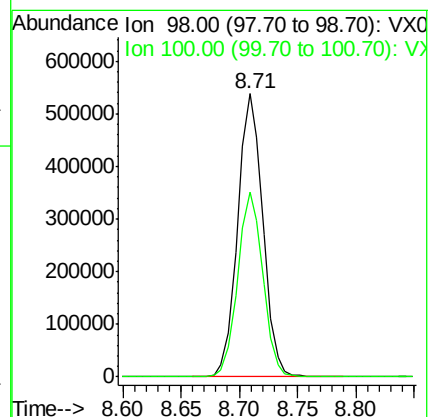
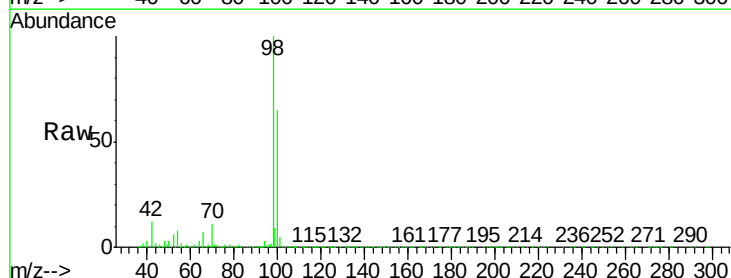
Acq: 04 Feb 2020 13:16

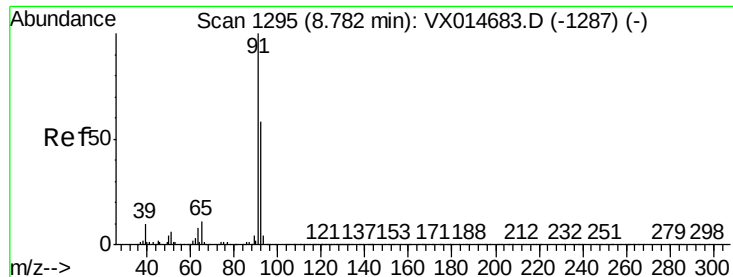
Tgt Ion: 98 Resp: 811465

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6





#52

Toluene

Concen: 15.233 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

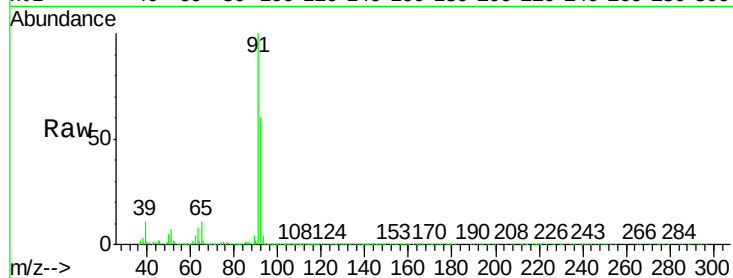
COMP-11

Tot Ion: 92 Resp: 181647

Ion Ratio Lower Upper

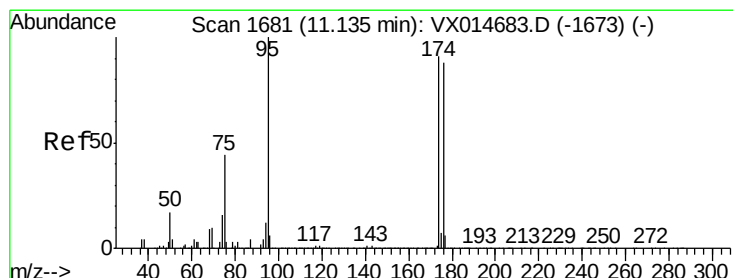
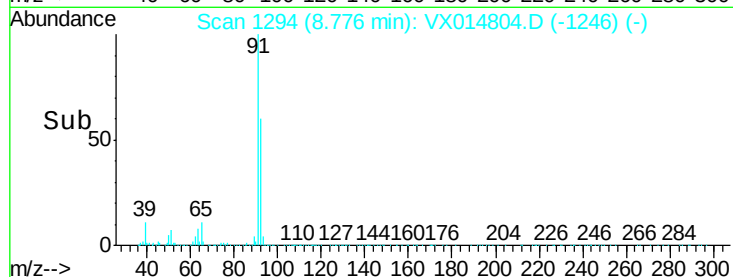
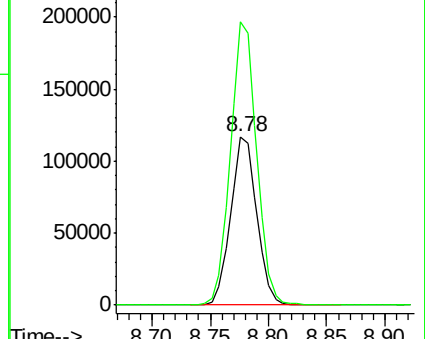
92 100

91 168.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.832 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

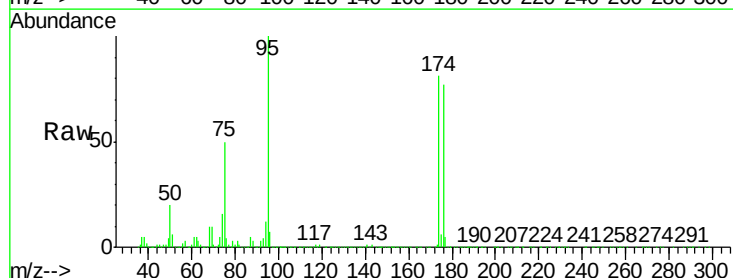
Tgt Ion: 95 Resp: 290945

Ion Ratio Lower Upper

95 100

174 89.1 0.0 176.0

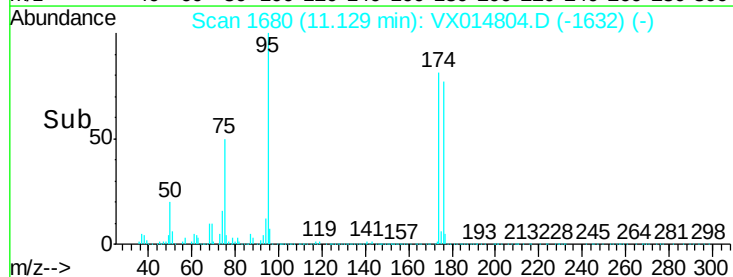
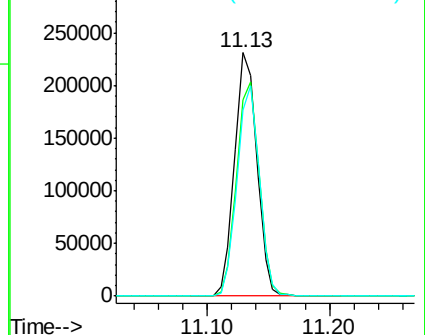
176 86.2 0.0 172.2

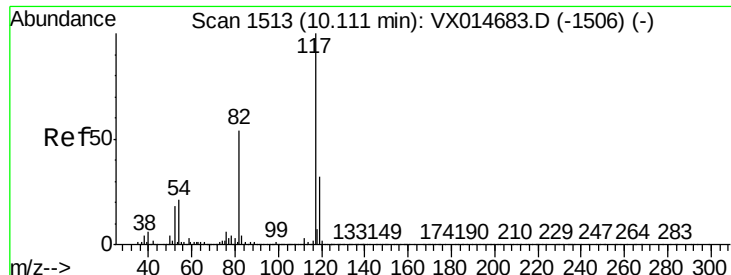


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

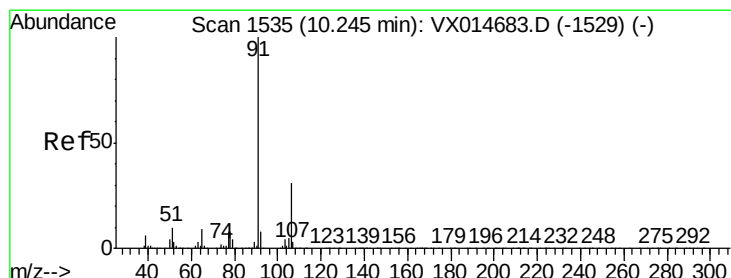
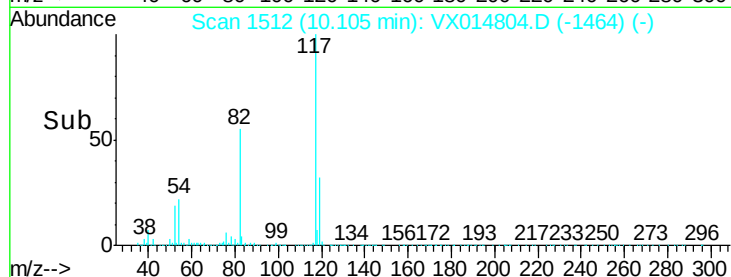
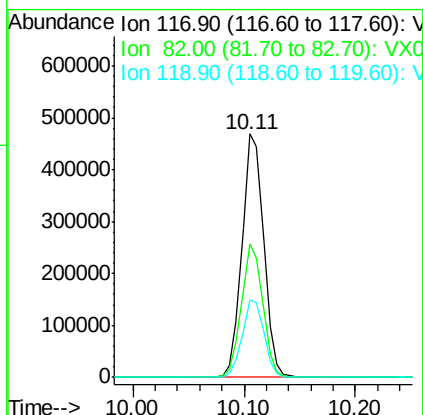
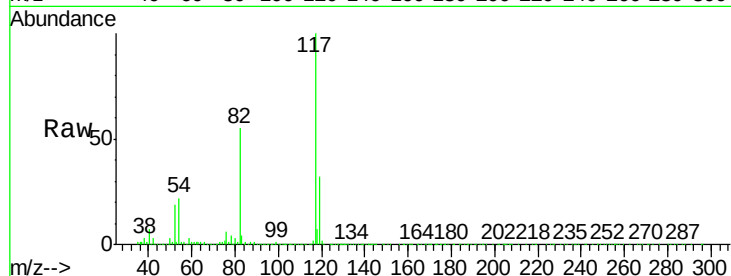




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

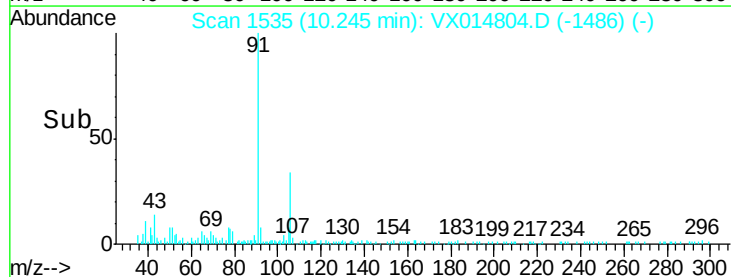
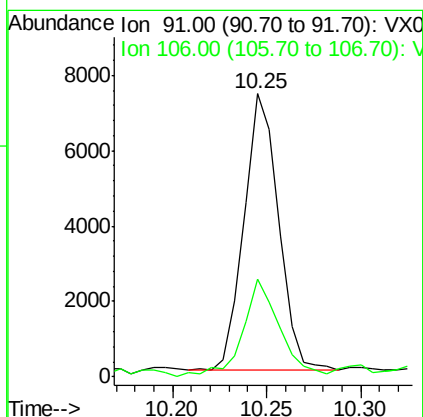
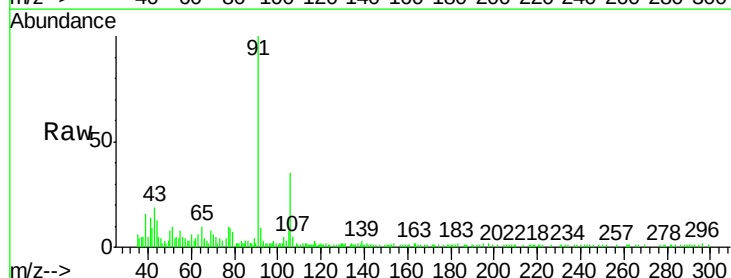
Instrument :
MSVOA_X
ClientSampleId :
COMP-11

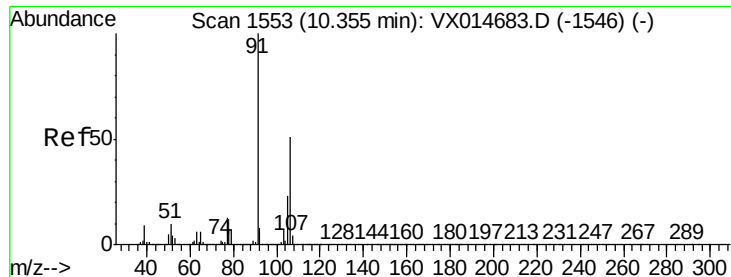
Tot Ion:117 Resp: 633489
Ion Ratio Lower Upper
117 100
82 54.9 43.2 64.8
119 31.6 25.8 38.6



#67
Ethyl Benzene
Concen: 0.405 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 91 Resp: 9374
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

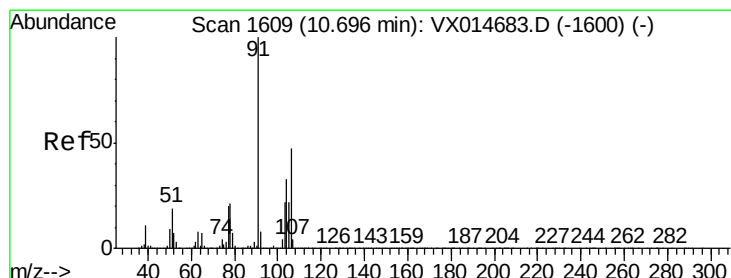
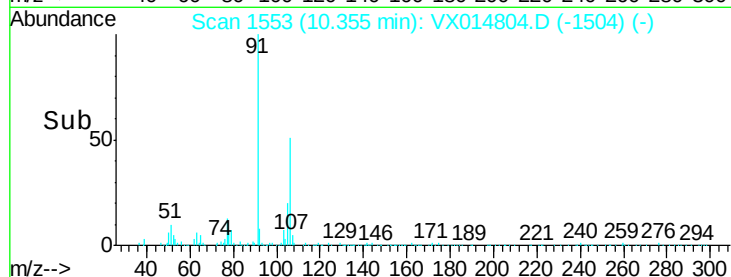
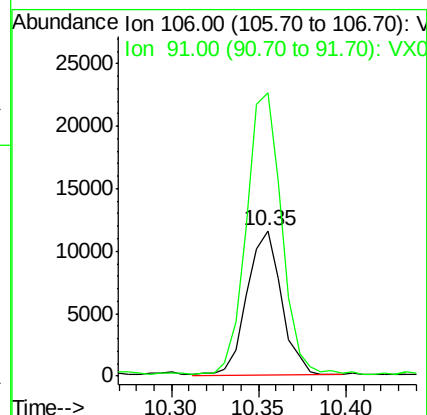
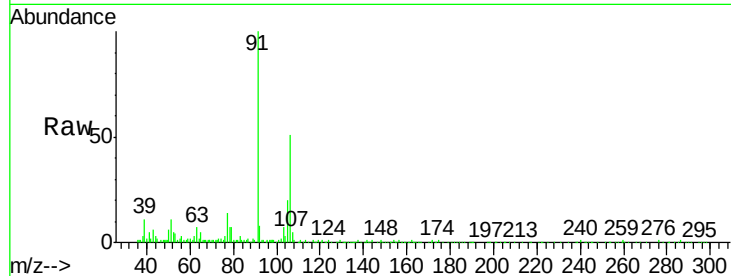




#68
m/p-Xylenes
Concen: 1.805 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

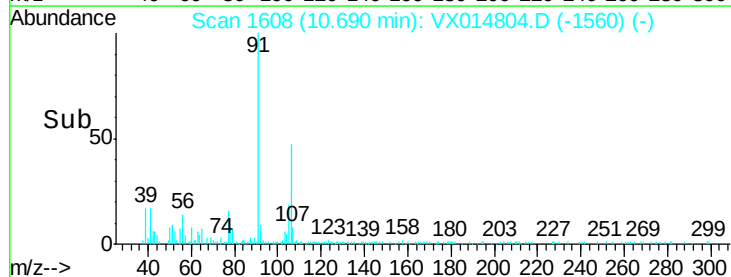
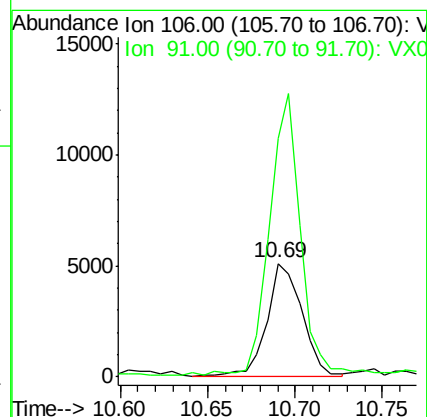
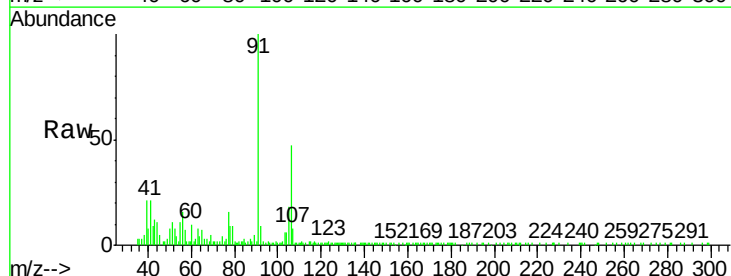
Instrument :
MSVOA_X
ClientSampled :
COMP-11

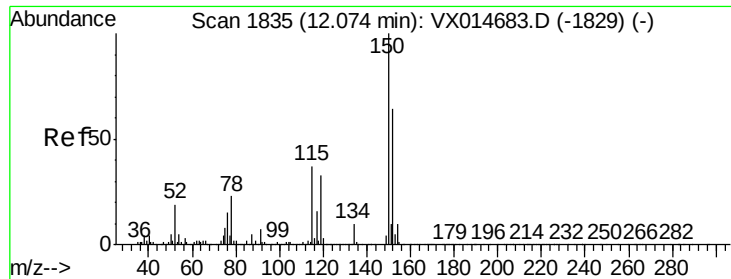
Tot Ion:106 Resp: 15820
Ion Ratio Lower Upper
106 100
91 196.8 159.4 239.2



#69
o-Xylene
Concen: 0.861 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion:106 Resp: 7283
Ion Ratio Lower Upper
106 100
91 216.2 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-11

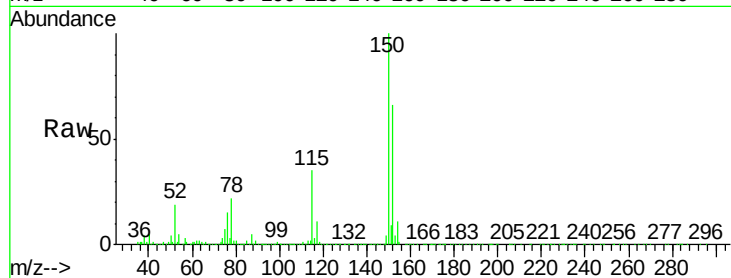
Tot Ion:152 Resp: 310379

Ion Ratio Lower Upper

152 100

115 55.0 39.4 118.1

150 153.3 0.0 351.2



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

