

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\
 Data File : VX014790.D
 Acq On : 03 Feb 2020 12:04
 Operator : JC/SP
 Sample : L1329-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5

Quant Time: Feb 03 13:10:04 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	471886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	733992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	678668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317220	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	272380	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
35) Dibromofluoromethane	5.49	113	224015	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	878107	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	310578	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	

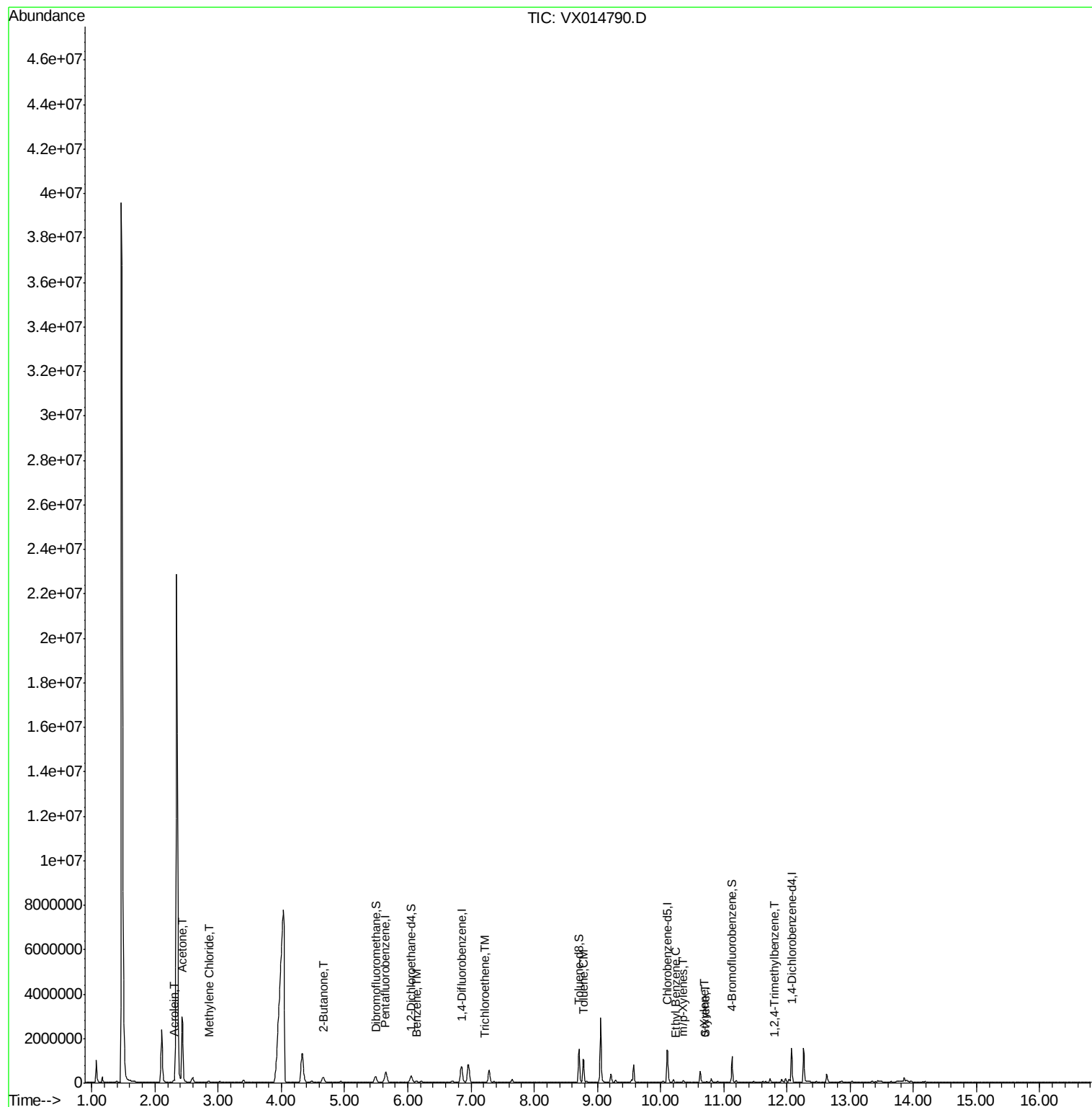
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.30	56	90256	92.525	ug/l	96
16) Acetone	2.43	43	2919537	966.263	ug/l	97
20) Methylene Chloride	2.85	84	29154	5.217	ug/l	91
25) 2-Butanone	4.66	43	419967	97.055	ug/l	98
40) Benzene	6.13	78	71442	3.390	ug/l	99
44) Trichloroethene	7.22	130	1955	0.328	ug/l	72
52) Toluene	8.78	92	395725	30.549	ug/l	99
67) Ethyl Benzene	10.25	91	6660	0.269	ug/l	94
68) m/p-Xylenes	10.36	106	6974	0.743	ug/l	97
69) o-Xylene	10.69	106	4309	0.475	ug/l	66
70) Styrene	10.71	104	5443	0.358	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	10243	0.552	ug/l	72

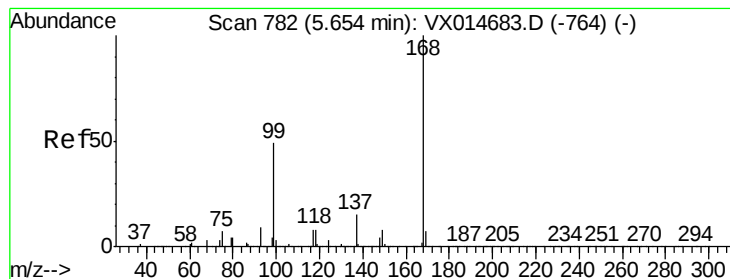
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020320\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
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# 781

Delta R.T. -0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

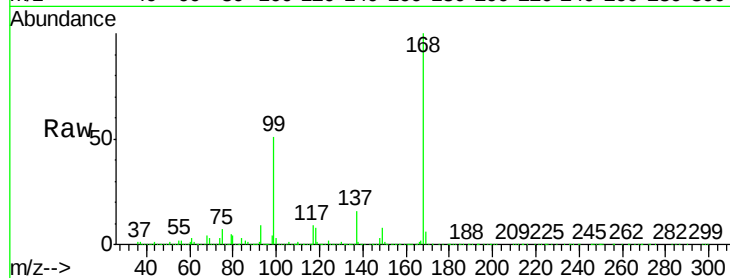
COMP-5

Tot Ion:168 Resp: 471886

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

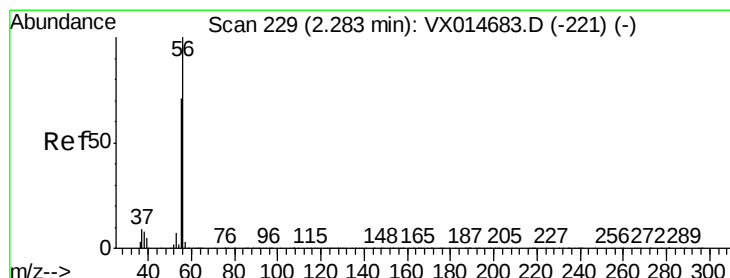
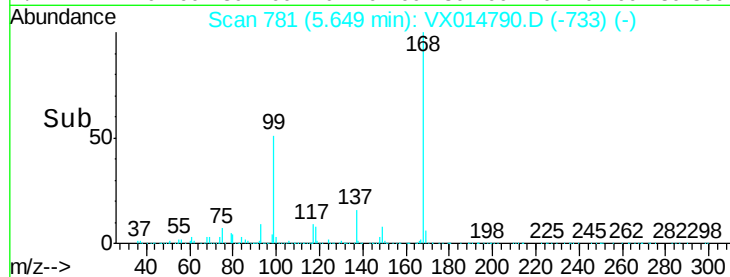
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 92.525 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX014790.D

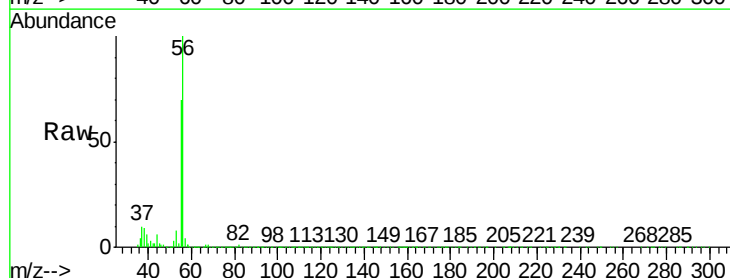
Acq: 03 Feb 2020 12:04

Tgt Ion: 56 Resp: 90256

Ion Ratio Lower Upper

56 100

55 67.8 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

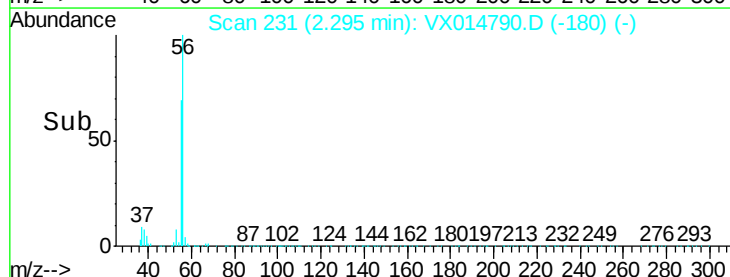
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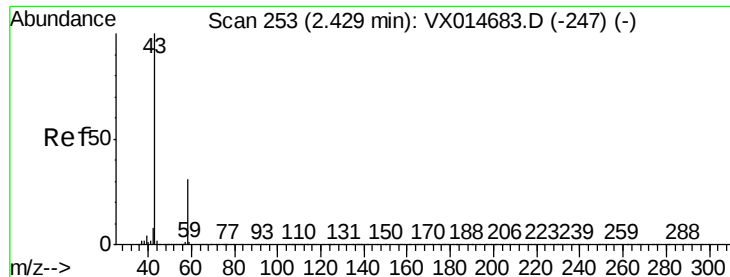
400000

200000

0

Time-->





#16

Acetone

Concen: 966.263 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

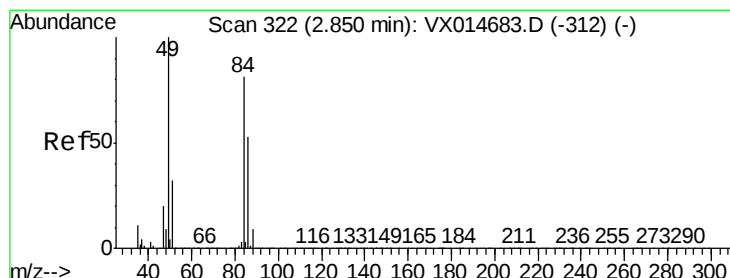
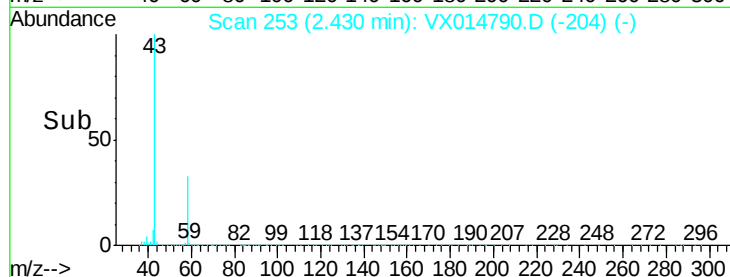
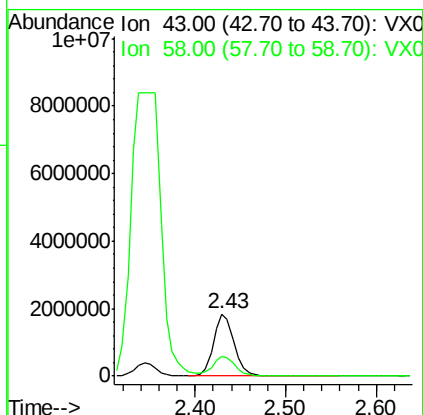
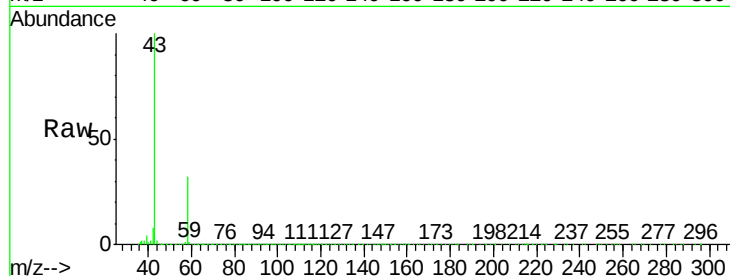
COMP-5

Tot Ion: 43 Resp: 2919537

Ion Ratio Lower Upper

43 100

58 32.1 24.5 36.7



#20

Methylene Chloride

Concen: 5.217 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Tgt Ion: 84 Resp: 29154

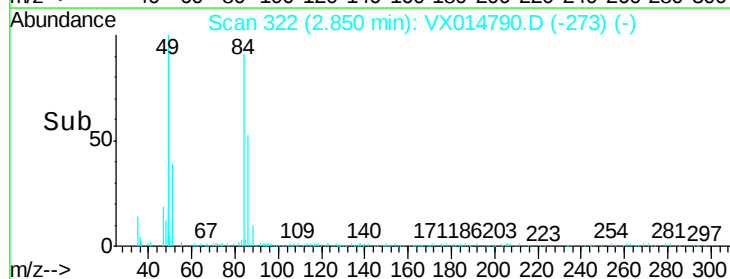
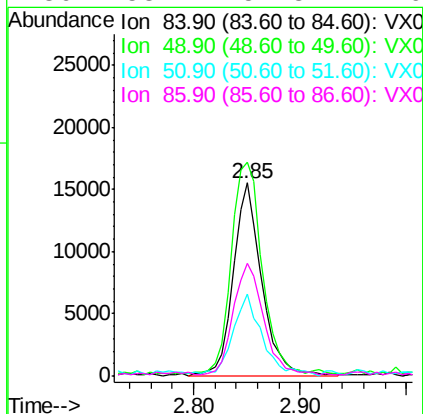
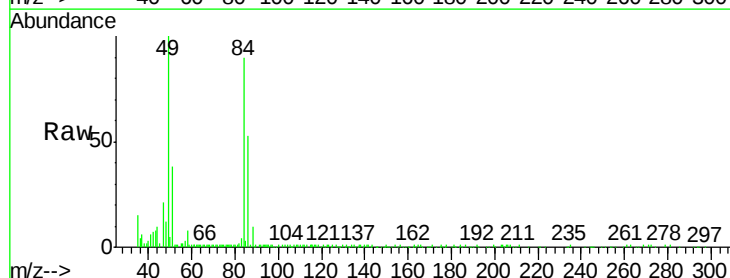
Ion Ratio Lower Upper

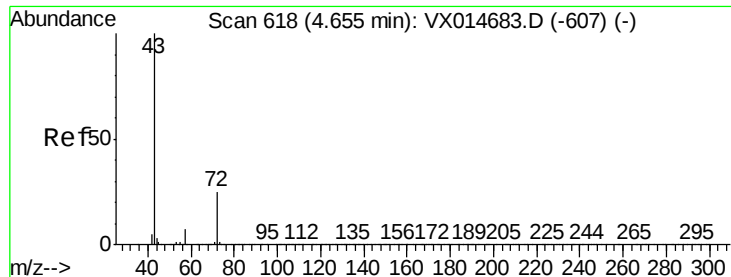
84 100

49 109.6 98.2 147.4

51 40.9 31.3 46.9

86 58.1 51.8 77.6





#25

2-Butanone

Concen: 97.055 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

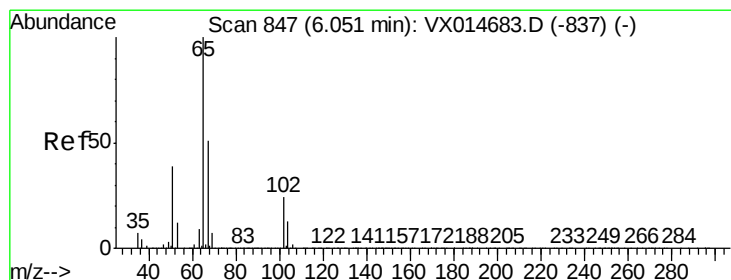
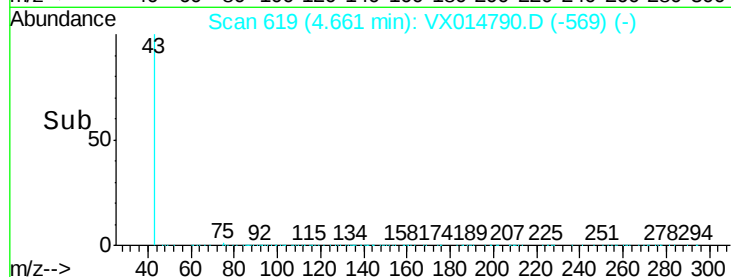
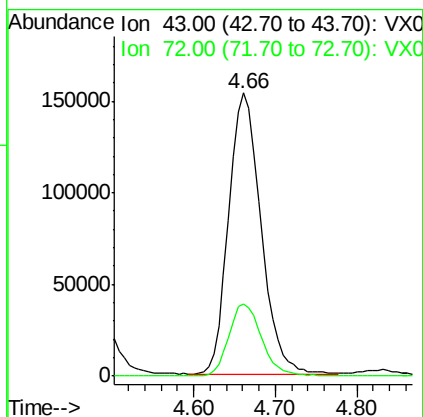
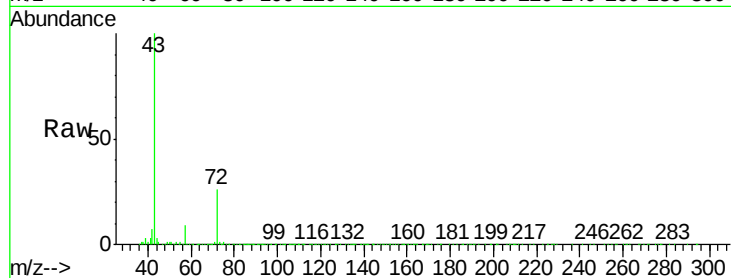
COMP-5

Tot Ion: 43 Resp: 419967

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 49.429 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014790.D

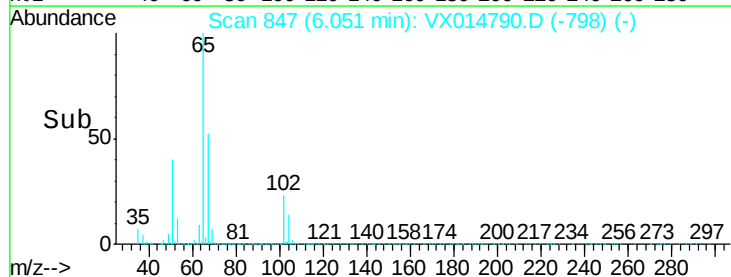
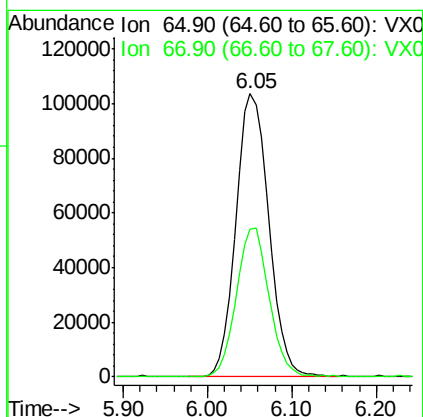
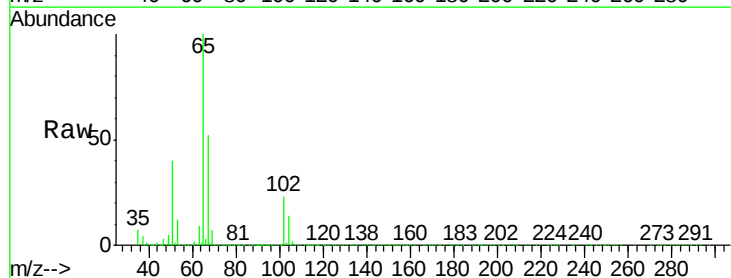
Acq: 03 Feb 2020 12:04

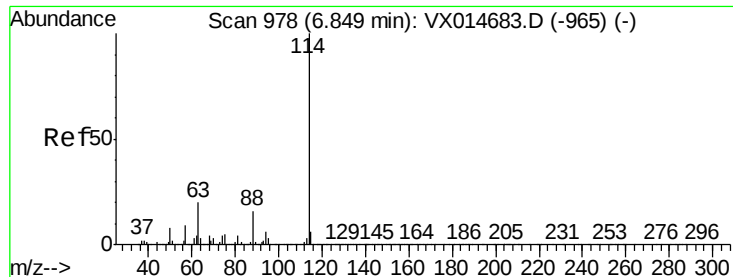
Tgt Ion: 65 Resp: 272380

Ion Ratio Lower Upper

65 100

67 52.7 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: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

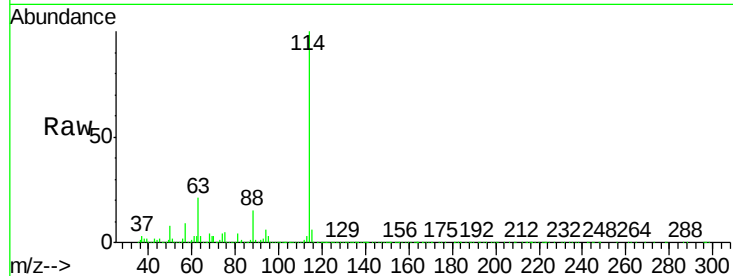
Tot Ion:114 Resp: 733992

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

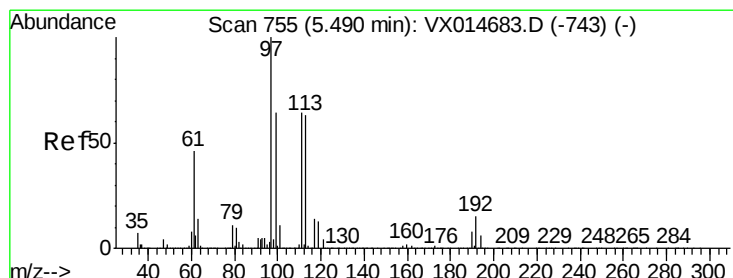
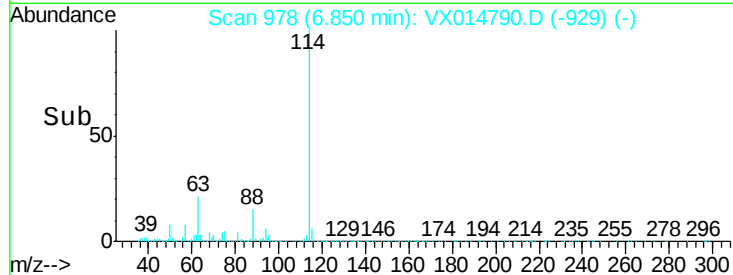
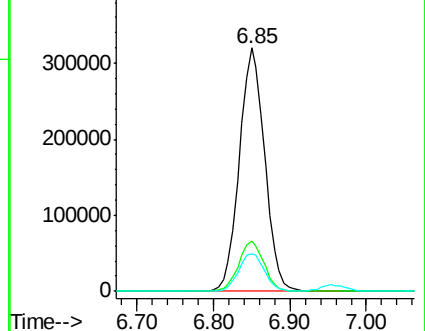
88 15.3 0.0 31.2



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: 48.368 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

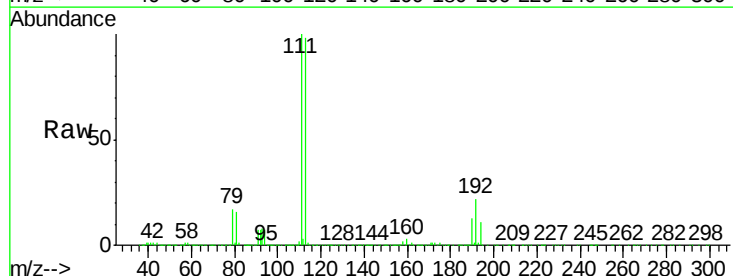
Tgt Ion:113 Resp: 224015

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

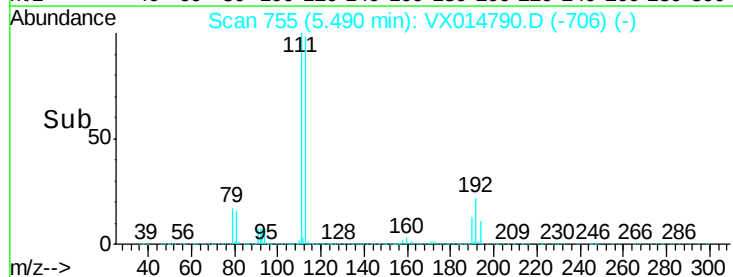
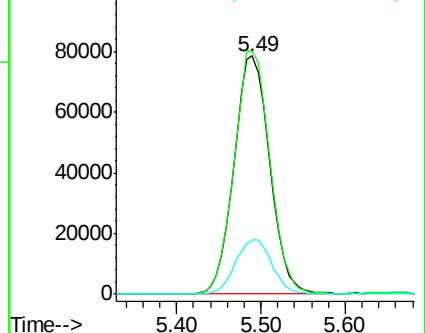
192 23.7 18.5 27.7

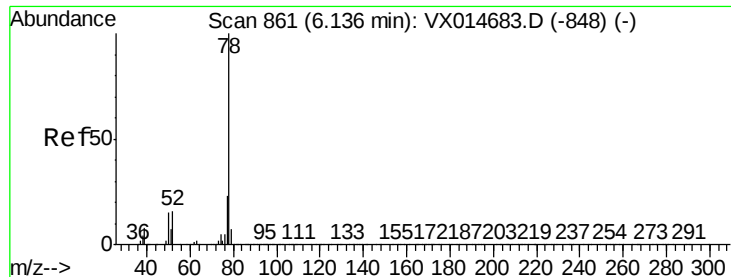


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.390 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

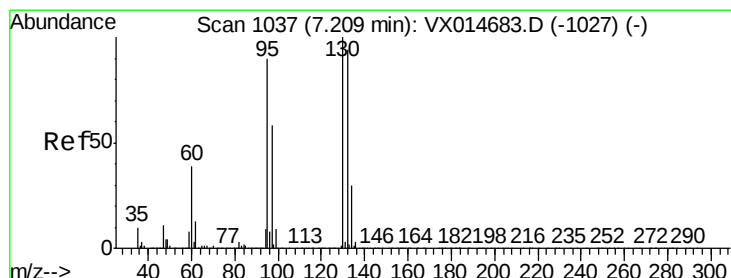
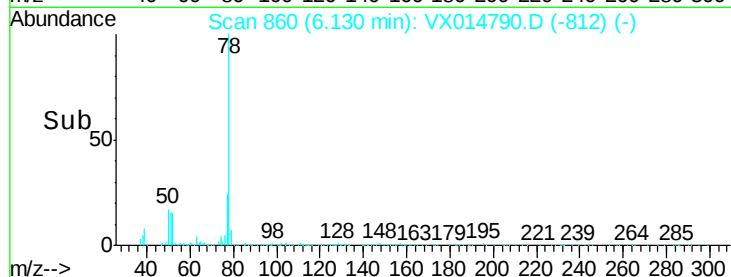
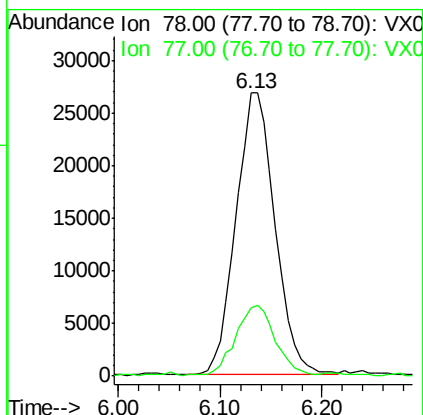
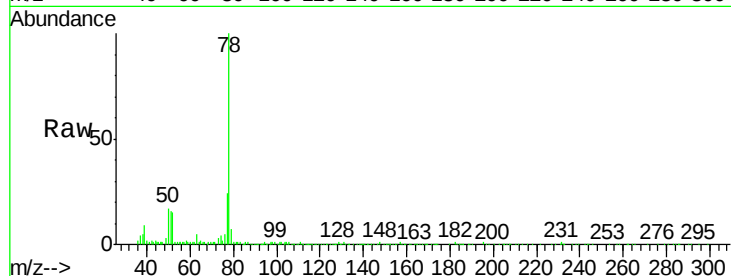
COMP-5

Tot Ion: 78 Resp: 71442

Ion Ratio Lower Upper

78 100

77 23.8 18.7 28.1



#44

Trichloroethene

Concen: 0.328 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX014790.D

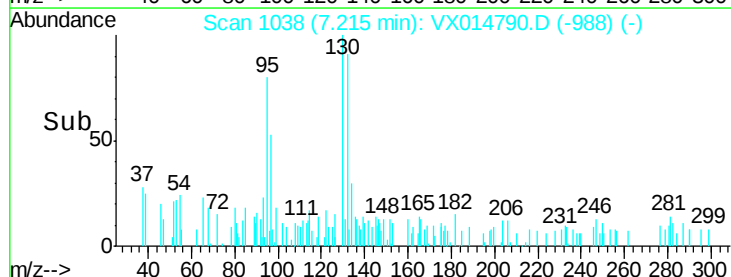
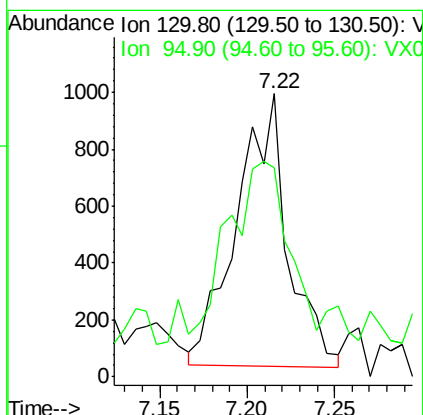
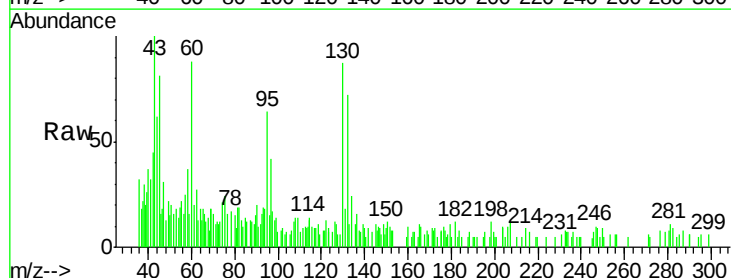
Acq: 03 Feb 2020 12:04

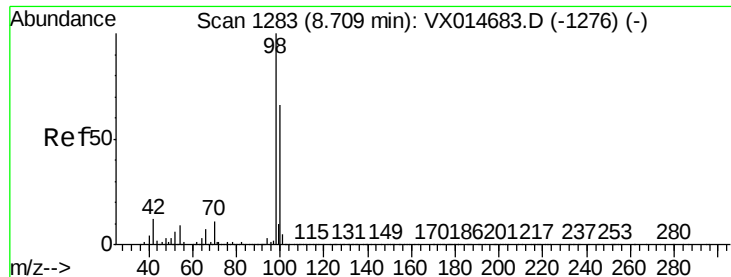
Tgt Ion: 130 Resp: 1955

Ion Ratio Lower Upper

130 100

95 63.6 0.0 179.8





#50

Toluene-d8

Concen: 49.318 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

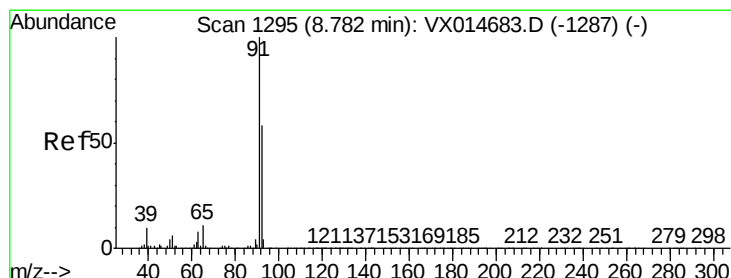
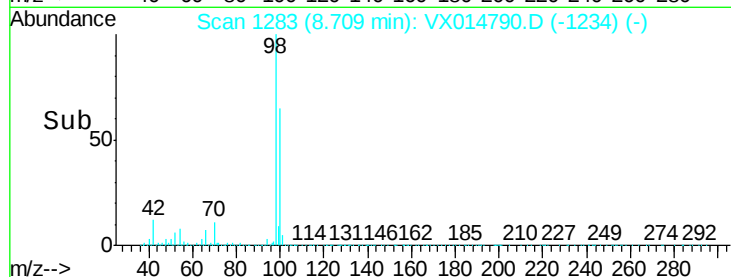
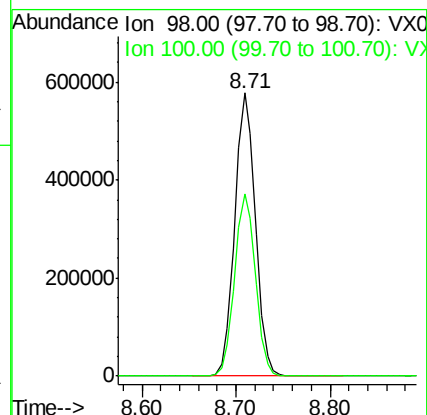
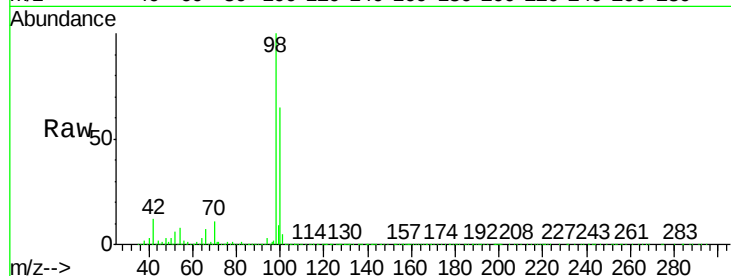
COMP-5

Tot Ion: 98 Resp: 878107

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.6



#52

Toluene

Concen: 30.549 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014790.D

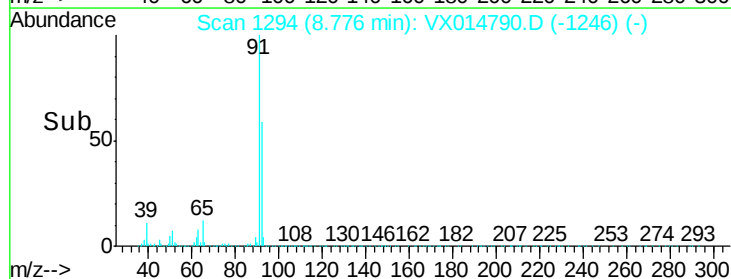
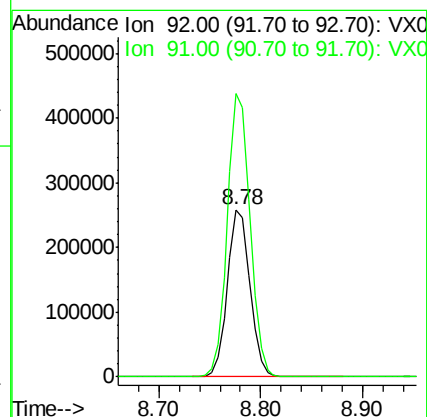
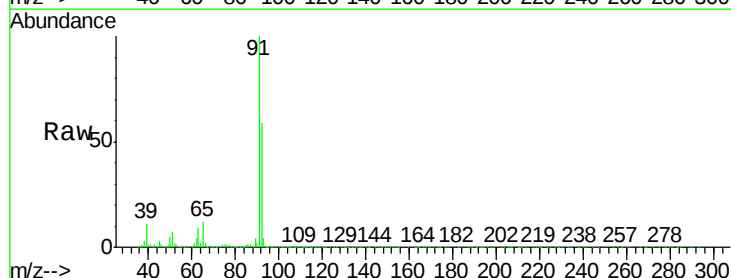
Acq: 03 Feb 2020 12:04

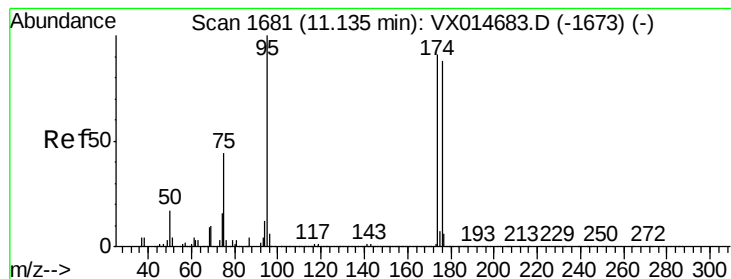
Tgt Ion: 92 Resp: 395725

Ion Ratio Lower Upper

92 100

91 171.3 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 48.967 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

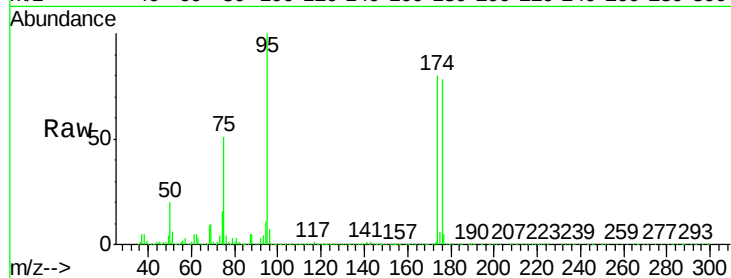
Tot Ion: 95 Resp: 310578

Ion Ratio Lower Upper

95 100

174 87.7 0.0 176.0

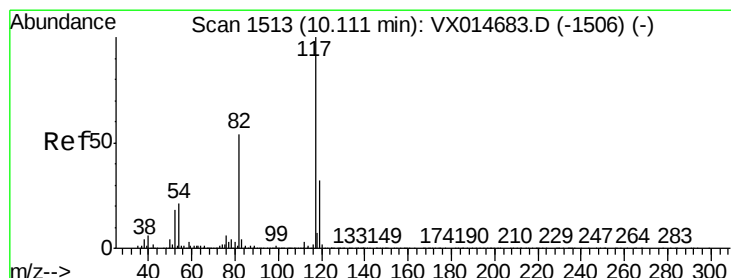
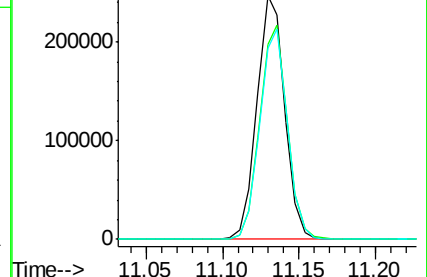
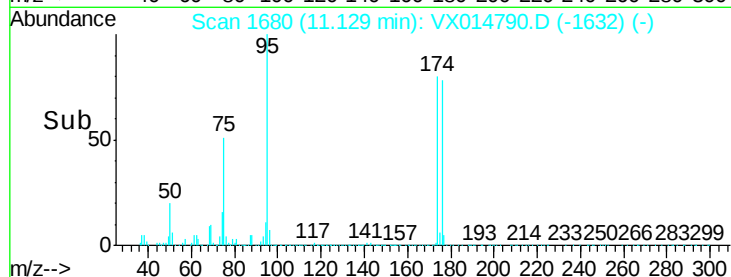
176 86.3 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX014790.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014790.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014790.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

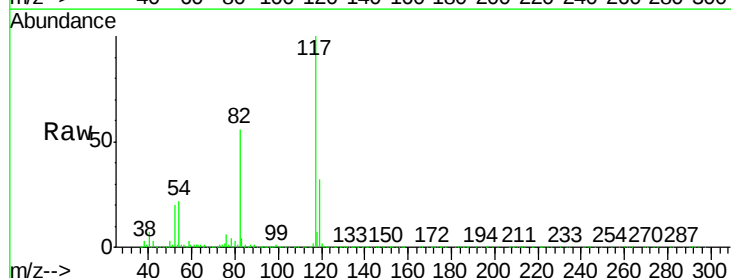
Tgt Ion: 117 Resp: 678668

Ion Ratio Lower Upper

117 100

82 55.6 43.2 64.8

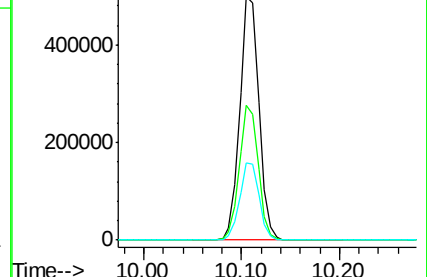
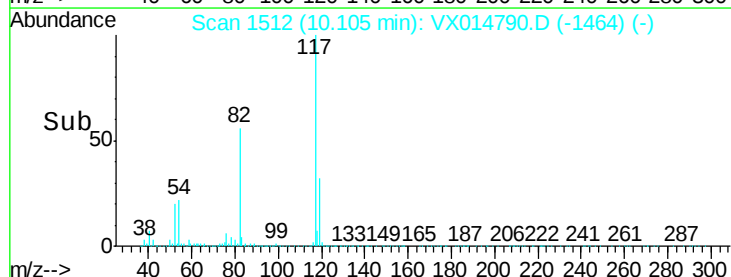
119 31.8 25.8 38.6

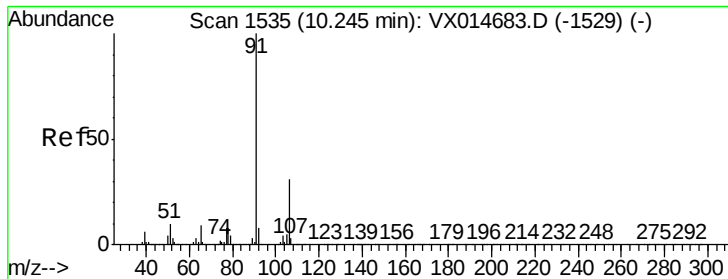


Abundance Ion 116.90 (116.60 to 117.60): VX014790.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014790.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014790.D (-1464) (-)





#67

Ethyl Benzene

Concen: 0.269 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

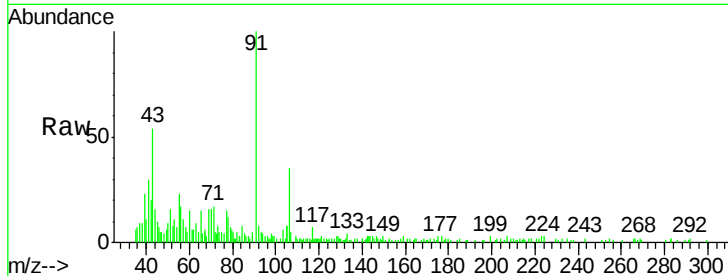
COMP-5

Tot Ion: 91 Resp: 6660

Ion Ratio Lower Upper

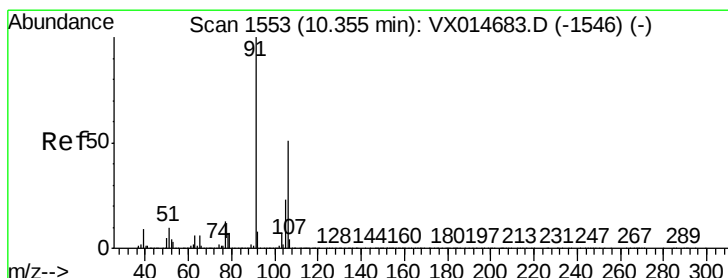
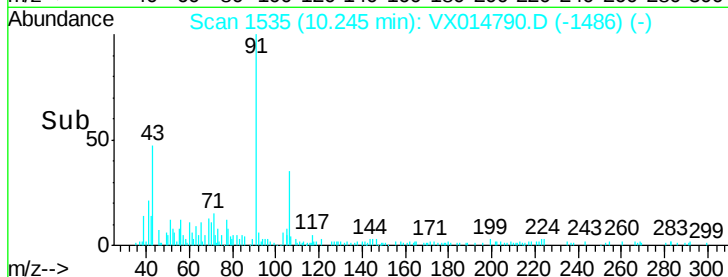
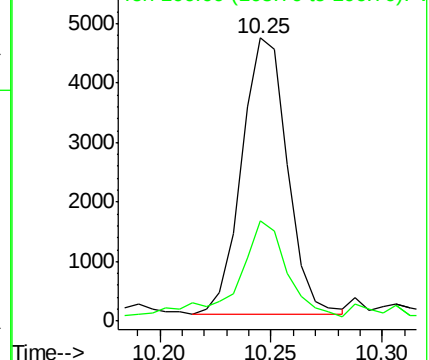
91 100

106 34.5 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 0.743 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014790.D

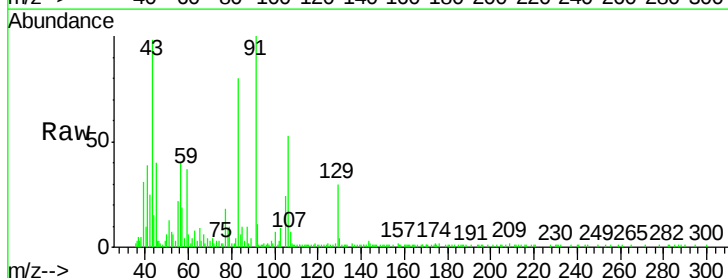
Acq: 03 Feb 2020 12:04

Tgt Ion: 106 Resp: 6974

Ion Ratio Lower Upper

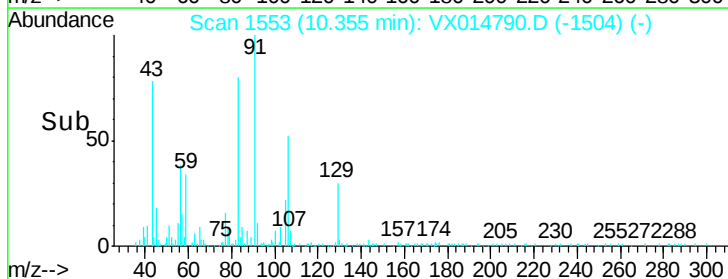
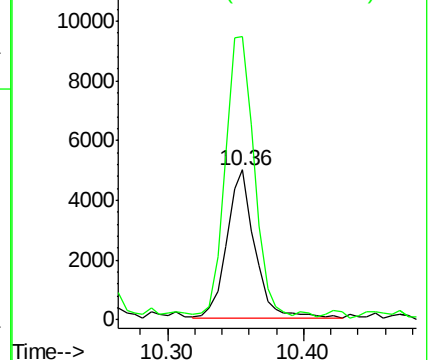
106 100

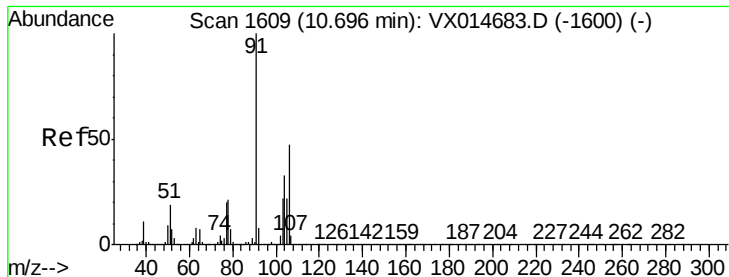
91 195.3 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

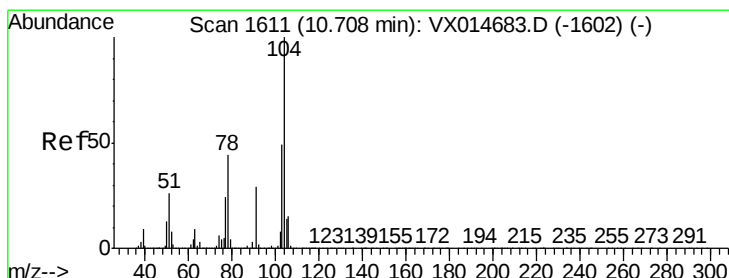
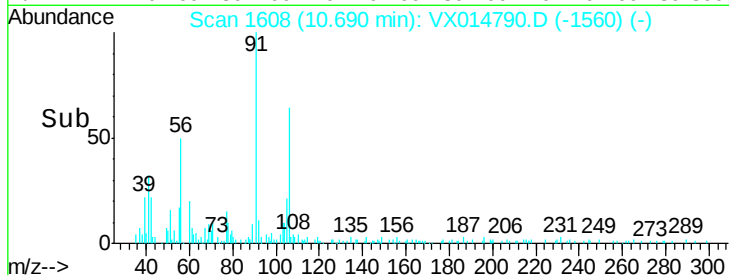
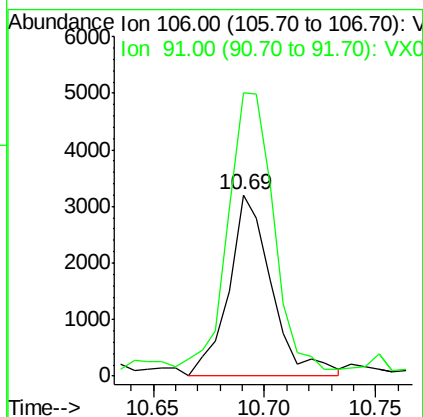
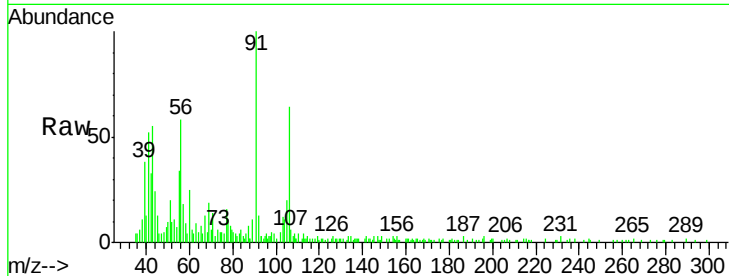




#69
o-Xylene
Concen: 0.475 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

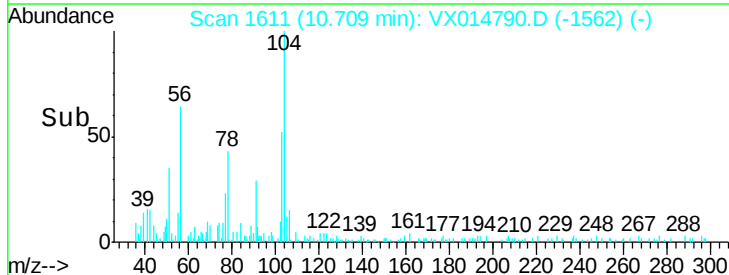
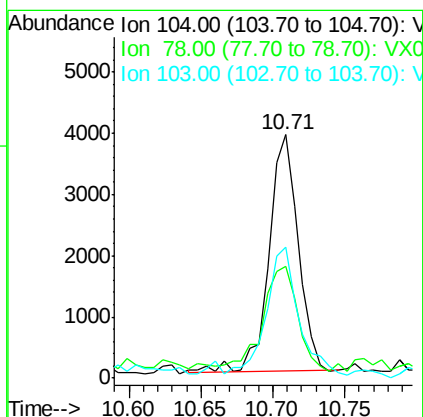
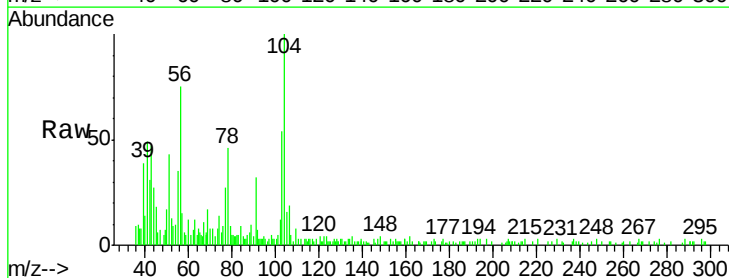
Instrument :
MSVOA_X
ClientSampled :
COMP-5

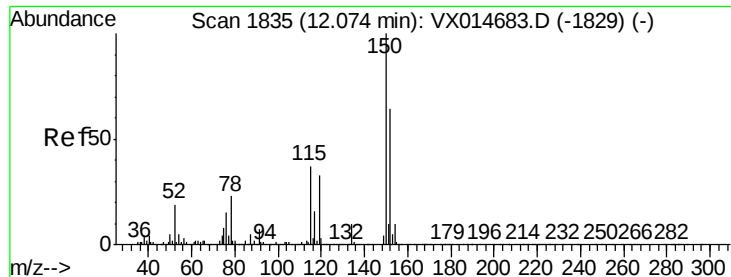
Tot Ion:106 Resp: 4309
Ion Ratio Lower Upper
106 100
91 158.9 106.2 318.6



#70
Styrene
Concen: 0.358 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

Tgt Ion:104 Resp: 5443
Ion Ratio Lower Upper
104 100
78 53.3 39.3 58.9
103 59.5 43.5 65.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

COMP-5

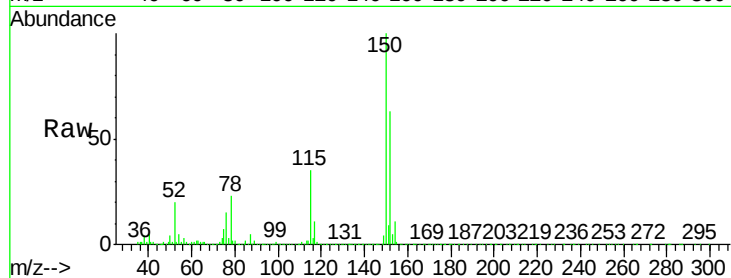
Tot Ion:152 Resp: 317220

Ion Ratio Lower Upper

152 100

115 56.5 39.4 118.1

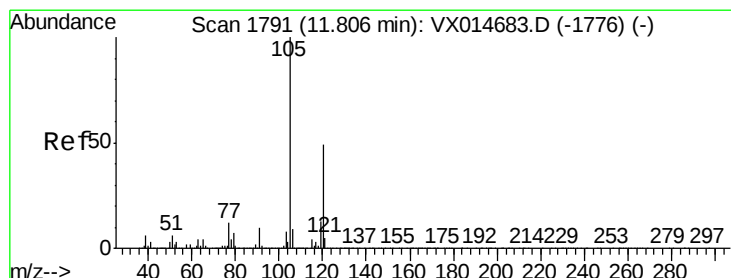
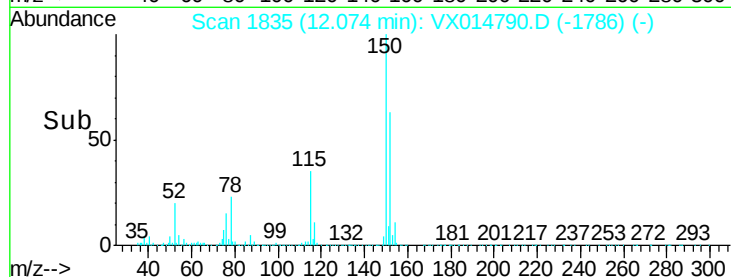
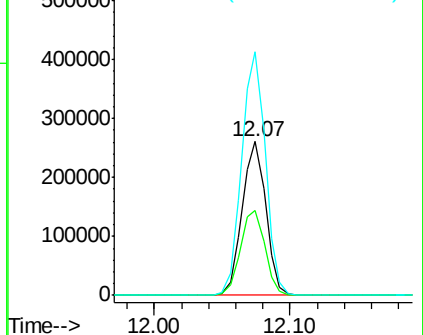
150 158.2 0.0 351.2



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



#84

1,2,4-Trimethylbenzene

Concen: 0.552 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX014790.D

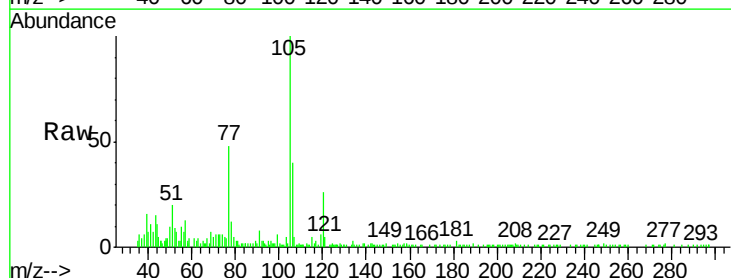
Acq: 03 Feb 2020 12:04

Tgt Ion:105 Resp: 10243

Ion Ratio Lower Upper

105 100

120 27.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

