

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 13:00:48 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

33) 1,2-Dichloroethane-d4	6.05	65	272380	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	5.49	113	224015	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	878107	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	310578	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	589	0.62	ug/l	86
5) Bromomethane	1.64	94	1158	0.25	ug/l	86
6) Chloroethane	1.72	64	1395	Below	Cal #	56
8) Diethyl Ether	2.19	74	962	0.27	ug/l #	1
10) Methyl Iodide	2.51	142	3654	0.59	ug/l #	82
11) Tert butyl alcohol	3.03	59	45164	36.51	ug/l	97
13) Acrolein	2.30	56	90256	92.52	ug/l	96
16) Acetone	2.43	43	2919537	966.26	ug/l	97
17) Carbon Disulfide	2.57	76	3341	0.26	ug/l	100
18) Methyl Acetate	2.76	43	16779	1.95	ug/l #	85
20) Methylene Chloride	2.85	84	29154	5.22	ug/l	91
22) Diisopropyl ether	4.03	45	985649	58.76	ug/l #	1
23) Vinyl Acetate	4.03	43	2303464	180.13	ug/l #	72
25) 2-Butanone	4.66	43	419967	97.06	ug/l	98
29) Tetrahydrofuran	5.14	42	4395	1.71	ug/l #	58
31) Cyclohexane	5.57	56	1736	0.20	ug/l #	40
36) 1,1-Dichloropropene	5.65	75	32172	4.72	ug/l #	53
37) Ethyl Acetate	4.94	43	31708	4.06	ug/l #	2
38) Carbon Tetrachloride	5.65	117	41487	6.37	ug/l #	15
40) Benzene	6.13	78	71442	3.39	ug/l	99
41) Methacrylonitrile	5.04	41	482	Below	Cal #	50
43) Isopropyl Acetate	6.45	43	8355	0.65	ug/l #	62
44) Trichloroethene	7.22	130	1955	0.33	ug/l	72
48) Methyl methacrylate	7.65	41	35803	5.86	ug/l #	45
49) 1,4-Dioxane	7.74	88	4681	36.13	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	4977	0.62	ug/l #	78
52) Toluene	8.78	92	395725	30.55	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	4652	0.63	ug/l #	50
56) Ethyl methacrylate	9.21	69	355	1.82	ug/l #	1
59) 2-Hexanone	9.49	43	4432	0.71	ug/l	92
67) Ethyl Benzene	10.25	91	6660	0.27	ug/l	94
68) m/p-Xylenes	10.36	106	6974	0.74	ug/l	97
69) o-Xylene	10.69	106	4309	0.48	ug/l	66
70) Styrene	10.71	104	5443	0.36	ug/l	93

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

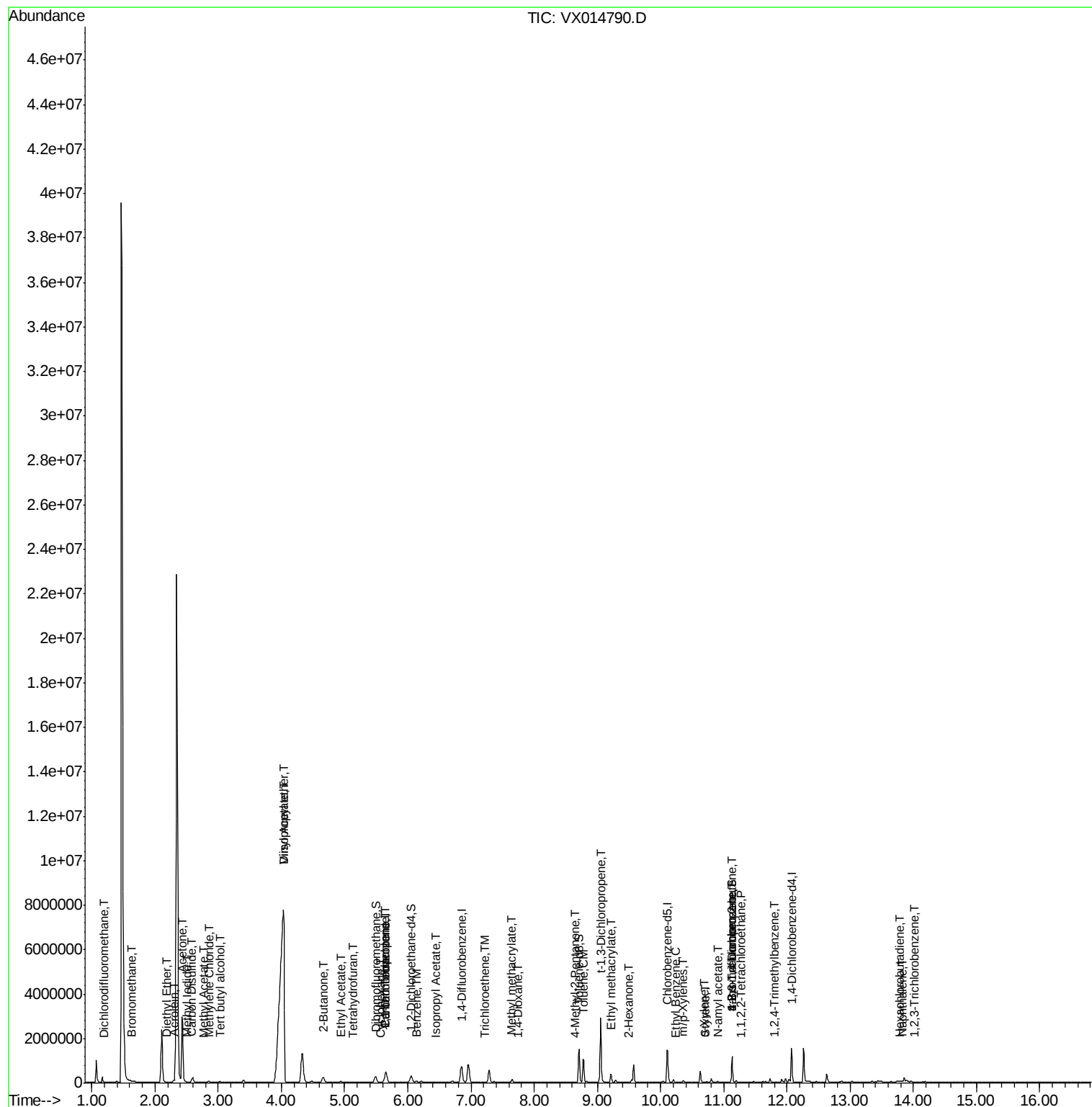
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	10.90	43	8560	0.88	ug/l #	26
75) 1,1,2,2-Tetrachloroethane	11.28	83	3246	0.41	ug/l #	46
76) 1,2,3-Trichloropropane	11.13	75	153048	20.74	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	153048	59.01	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.81	105	10243	0.55	ug/l	72
94) Hexachlorobutadiene	13.78	225	1028	0.29	ug/l	92
95) Naphthalene	13.83	128	13987	1.55	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.01	180	1677	0.24	ug/l	97

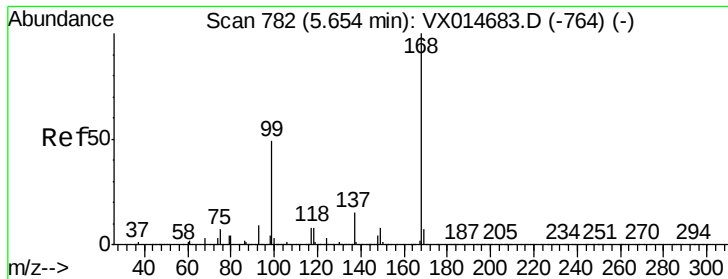
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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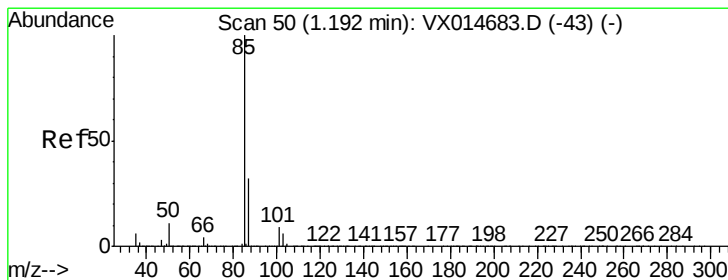
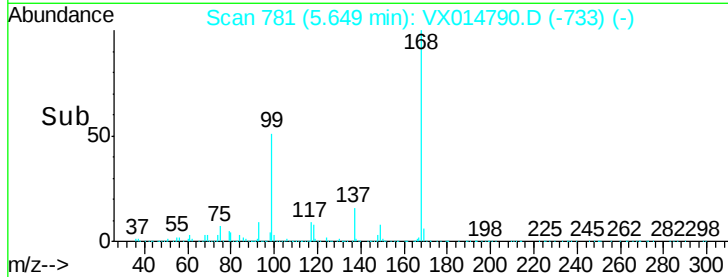
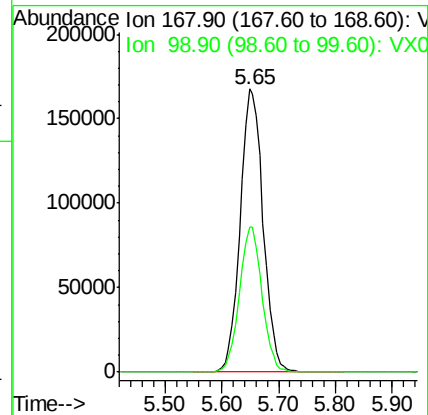
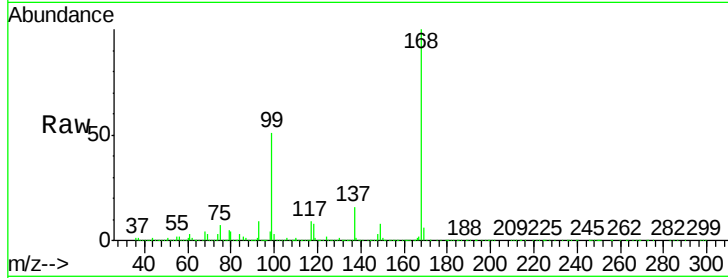


#1

Pentafluorobenzene
 Concen: 50.00 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
 ClientSampled :
 COMP-5

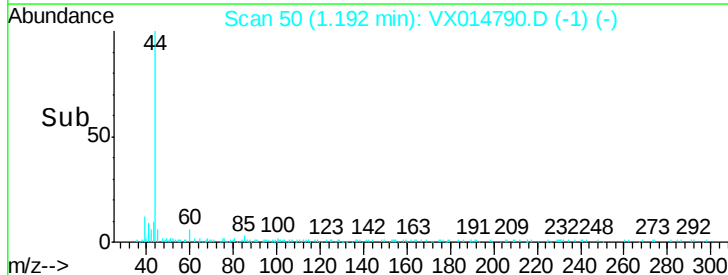
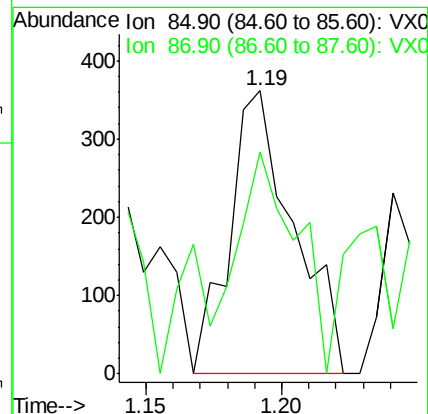
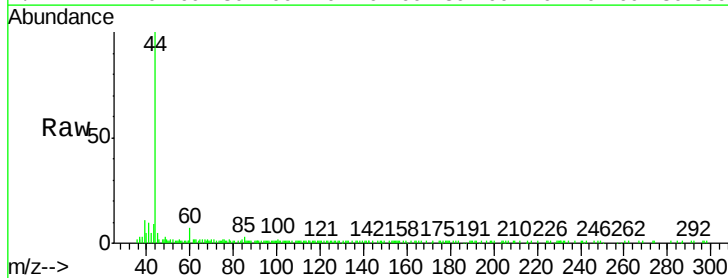
Tgt Ion:168 Resp: 471886
 Ion Ratio Lower Upper
 168 100
 99 51.1 39.8 59.6

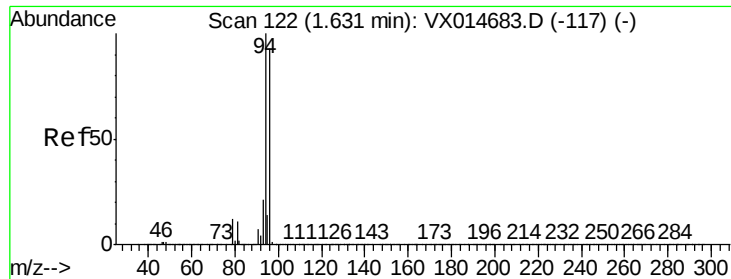


#2

Dichlorodifluoromethane
 Concen: 0.62 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014790.D
 Acq: 03 Feb 2020 12:04

Tgt Ion: 85 Resp: 589
 Ion Ratio Lower Upper
 85 100
 87 24.5 16.2 48.5





#5

Bromomethane

Concen: 0.25 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

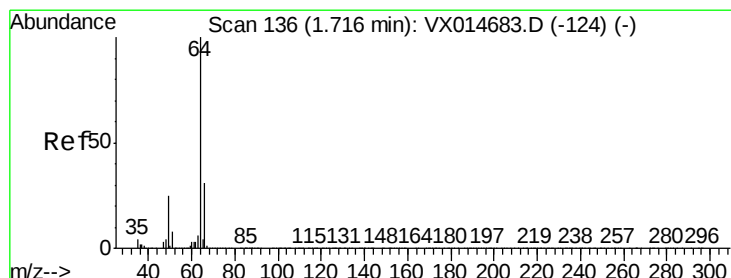
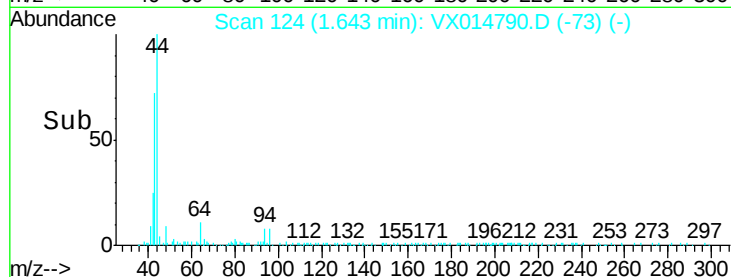
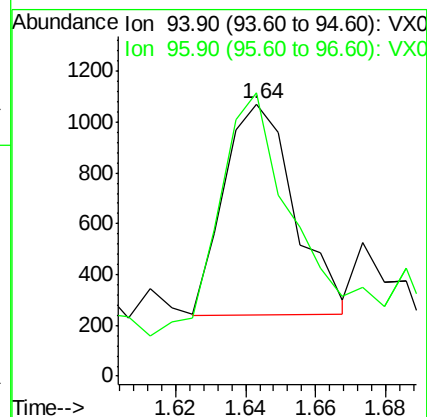
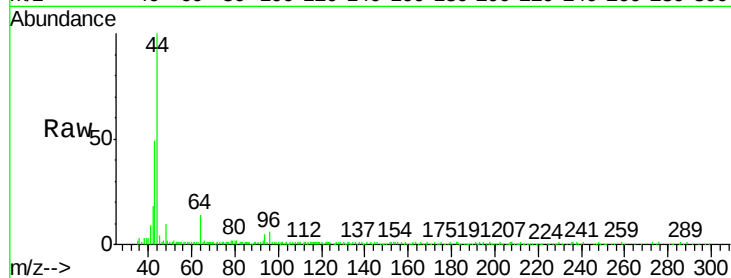
COMP-5

Tgt Ion: 94 Resp: 1158

Ion Ratio Lower Upper

94 100

96 107.0 74.7 112.1



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014790.D

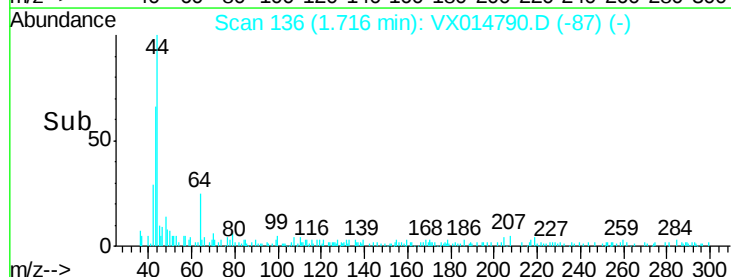
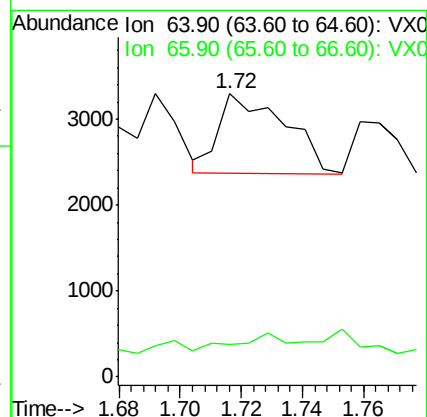
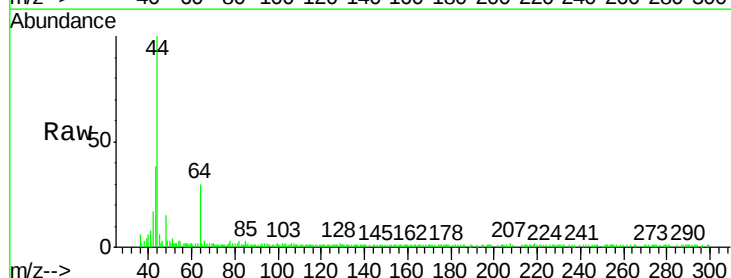
Acq: 03 Feb 2020 12:04

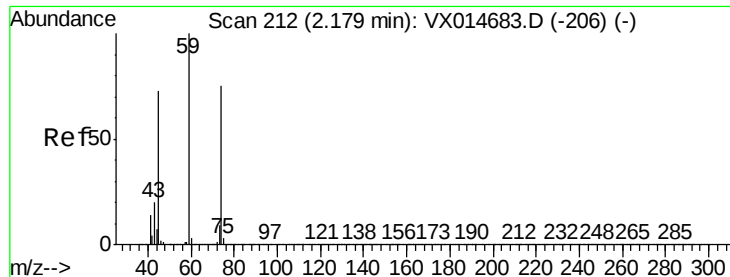
Tgt Ion: 64 Resp: 1395

Ion Ratio Lower Upper

64 100

66 7.3 25.2 37.8#





#8

Diethyl Ether

Concen: 0.27 ug/l

RT: 2.19 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

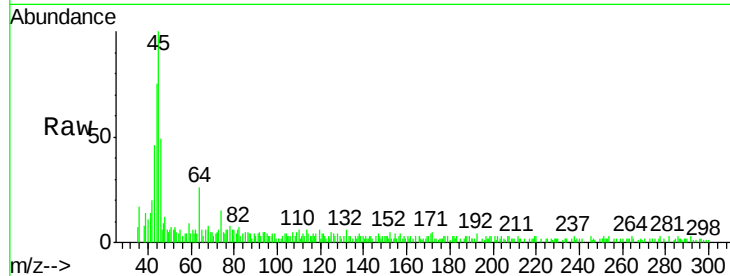
COMP-5

Tgt Ion: 74 Resp: 962

Ion Ratio Lower Upper

74 100

45 0.0 49.4 148.0#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

400000

300000

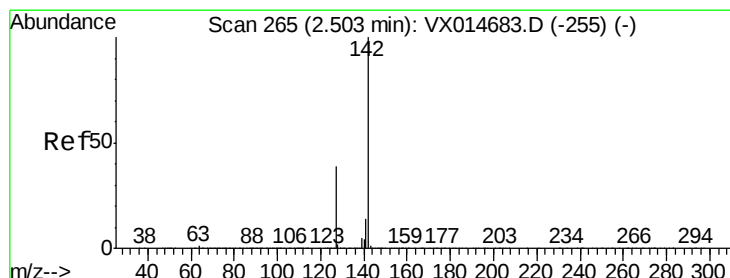
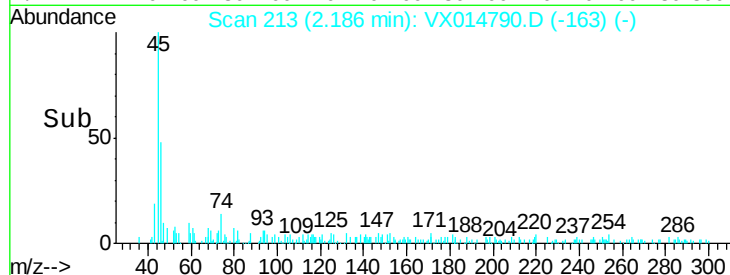
200000

100000

0

2.14 2.16 2.18 2.20

Time-->



#10

Methyl Iodide

Concen: 0.59 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

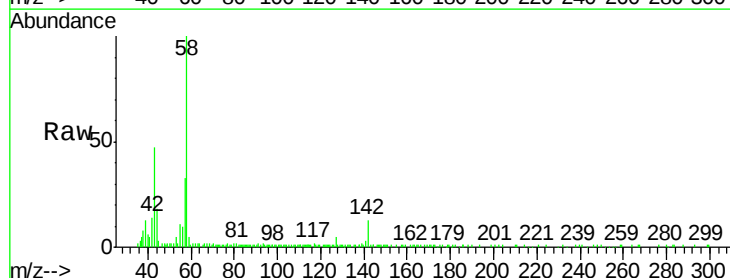
Tgt Ion: 142 Resp: 3654

Ion Ratio Lower Upper

142 100

127 41.4 31.1 46.7

141 37.7 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2000

1500

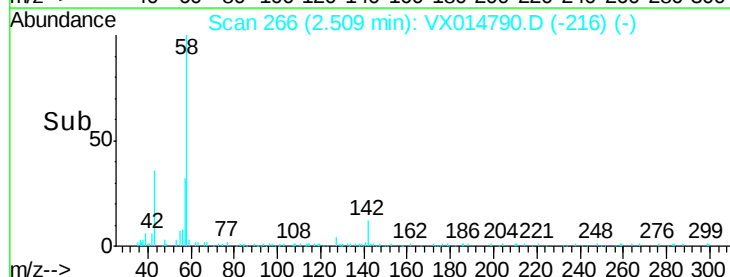
1000

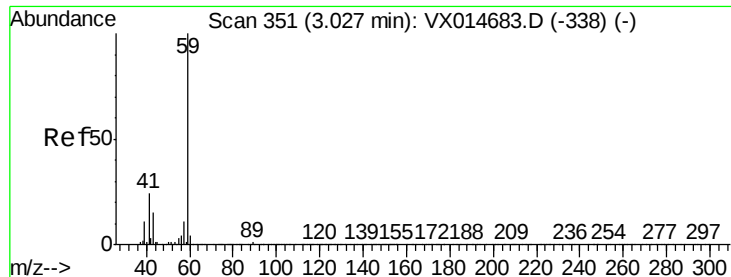
500

0

2.45 2.50 2.55

Time-->

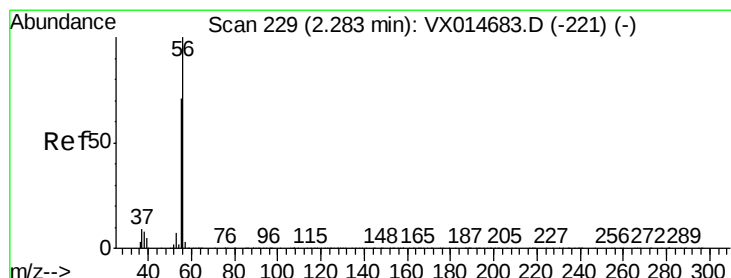
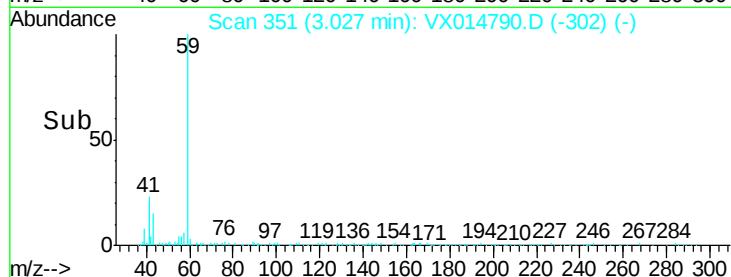
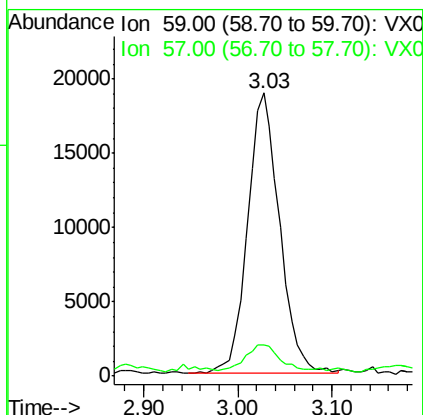
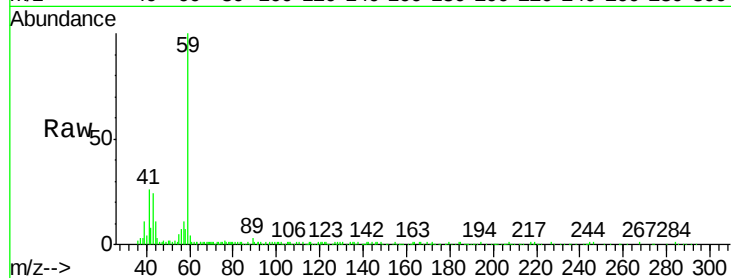




#11
Tert butyl alcohol
Concen: 36.51 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

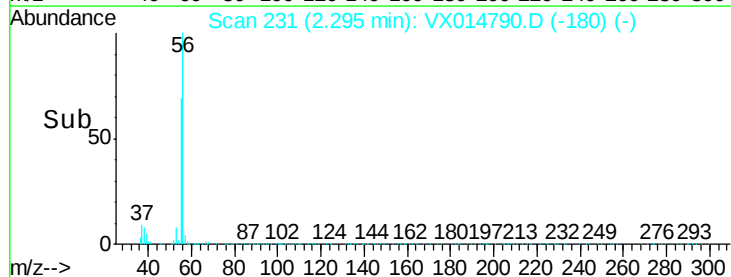
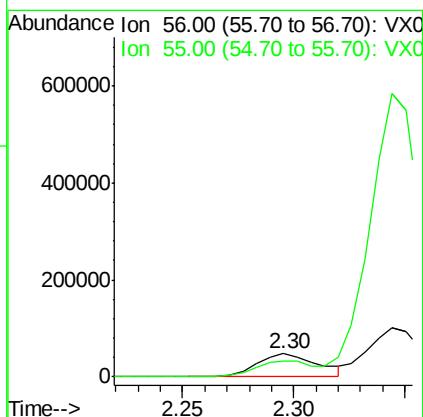
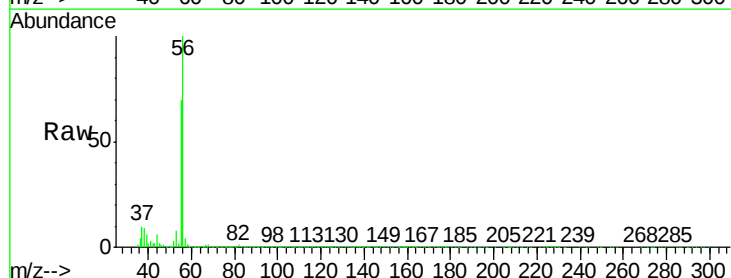
Instrument :
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ClientSampleId :
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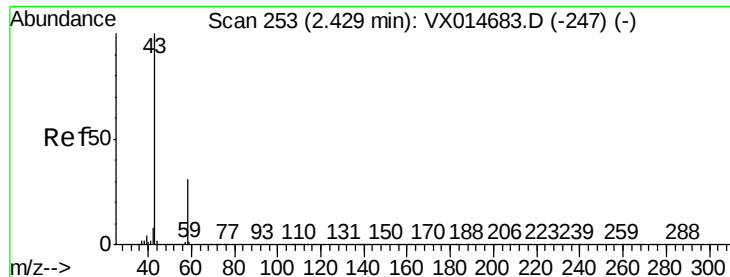
Tgt Ion: 59 Resp: 45164
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5



#13
Acrolein
Concen: 92.52 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





#16

Acetone

Concen: 966.26 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 :

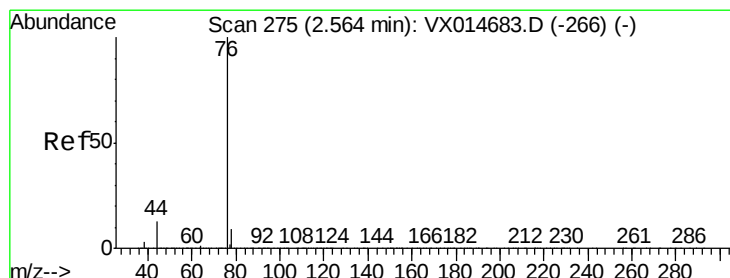
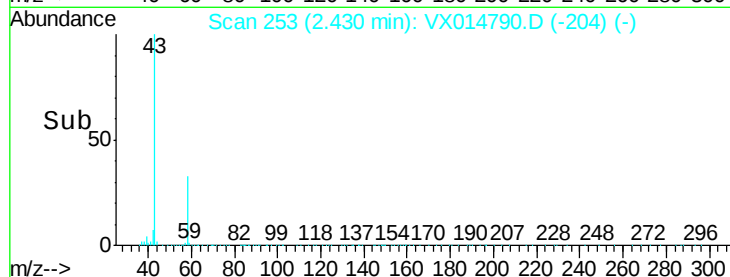
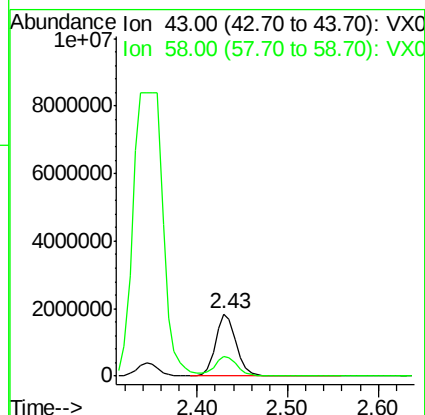
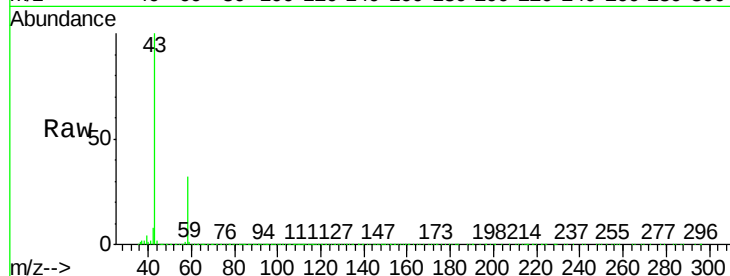
COMP-5

Tgt Ion: 43 Resp: 2919537

Ion Ratio Lower Upper

43 100

58 32.1 24.5 36.7



#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX014790.D

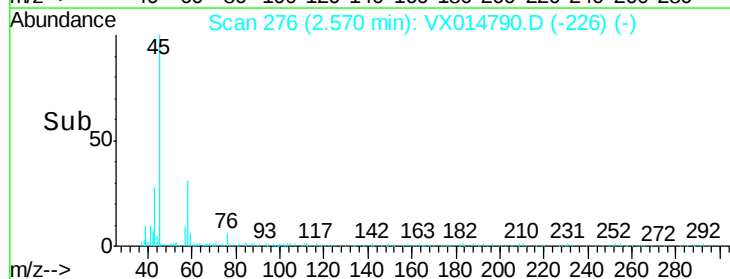
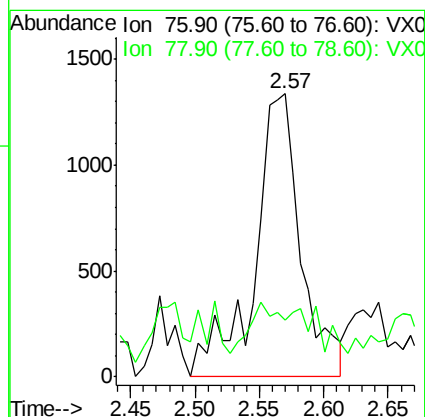
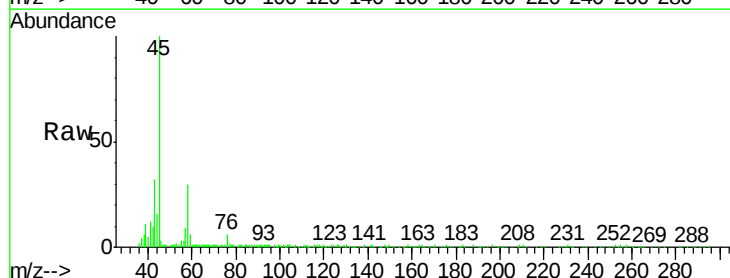
Acq: 03 Feb 2020 12:04

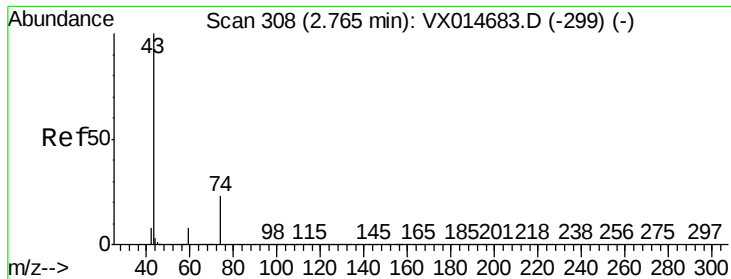
Tgt Ion: 76 Resp: 3341

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

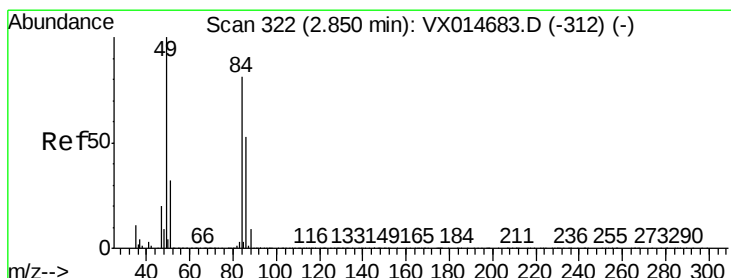
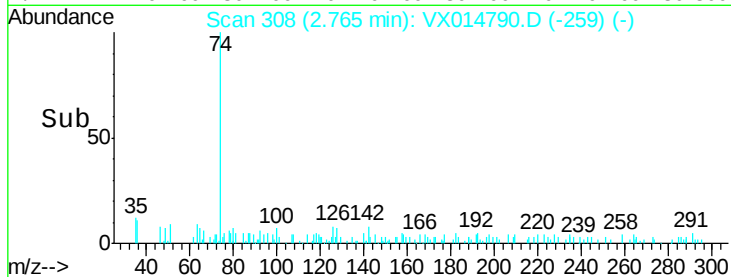
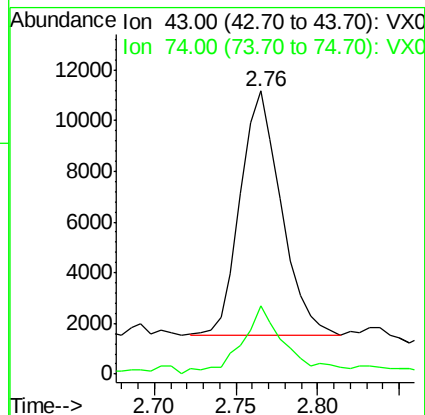
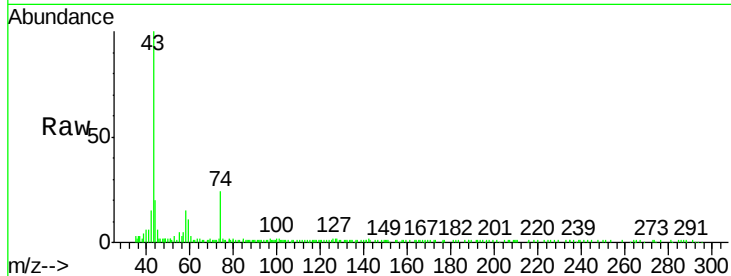




#18
Methyl Acetate
Concen: 1.95 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

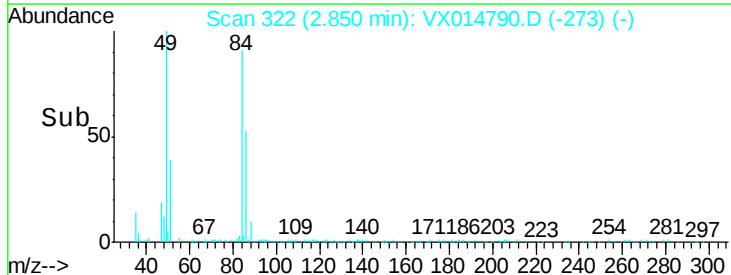
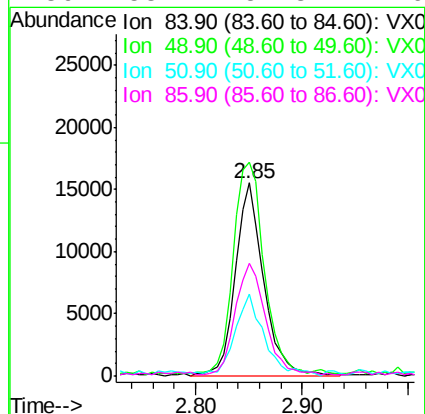
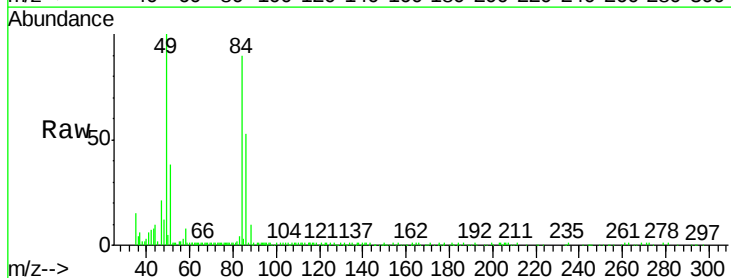
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

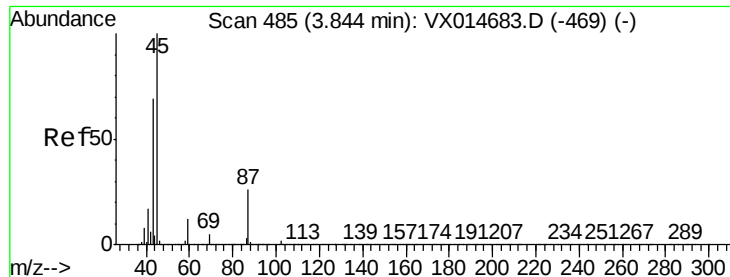
Tgt Ion: 43 Resp: 16779
Ion Ratio Lower Upper
43 100
74 30.3 18.5 27.7#



#20
Methylene Chloride
Concen: 5.22 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





#22

Diisopropyl ether

Concen: 58.76 ug/l

RT: 4.03 min Scan# 516

Delta R.T. 0.19 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

Tgt Ion: 45 Resp: 985649

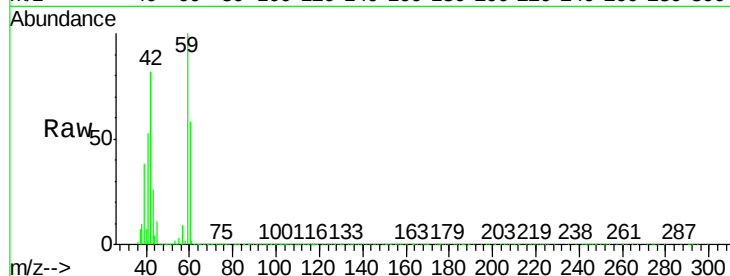
Ion Ratio Lower Upper

45 100

43 229.8 55.1 82.7#

87 0.1 20.7 31.1#

59 883.2 9.2 13.8#

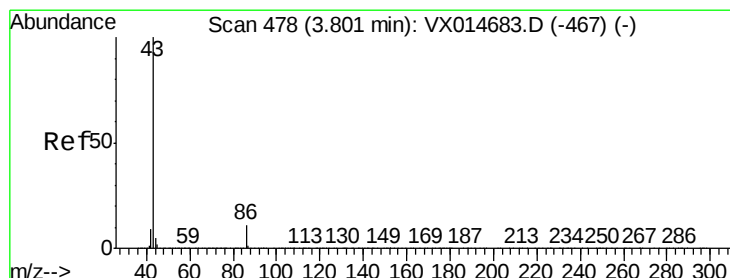
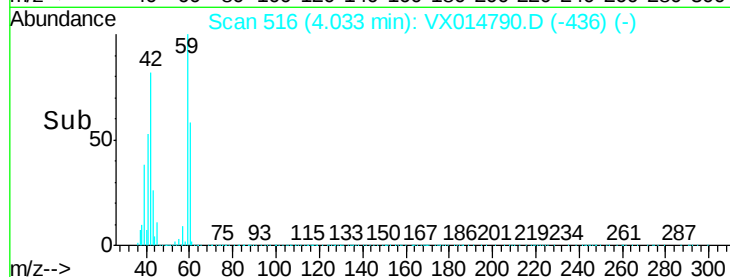
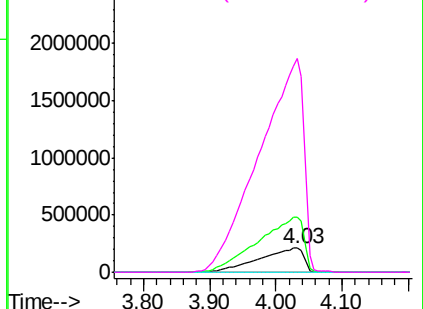


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 180.13 ug/l

RT: 4.03 min Scan# 516

Delta R.T. 0.23 min

Lab File: VX014790.D

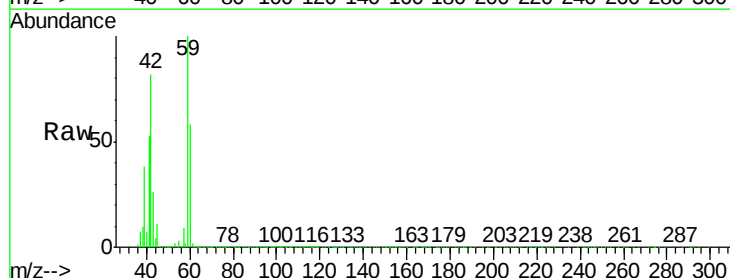
Acq: 03 Feb 2020 12:04

Tgt Ion: 43 Resp: 2303464

Ion Ratio Lower Upper

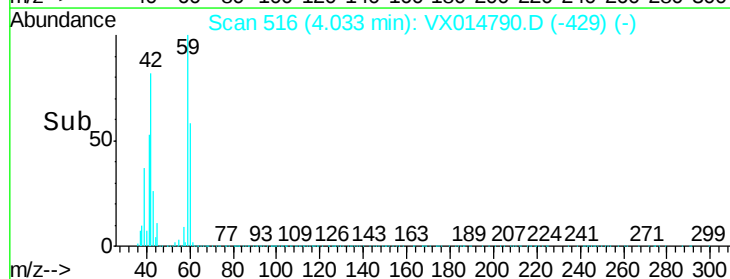
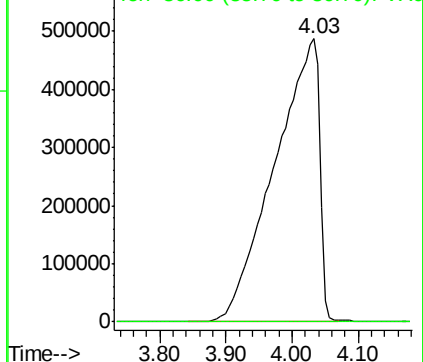
43 100

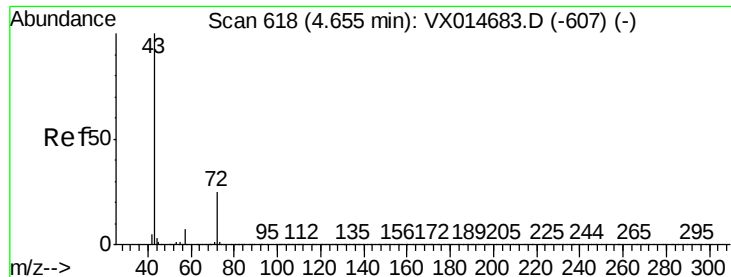
86 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 97.06 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 :

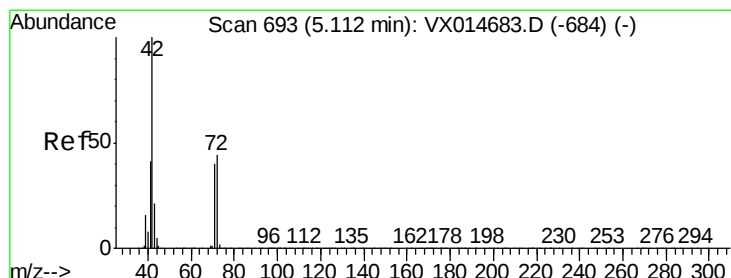
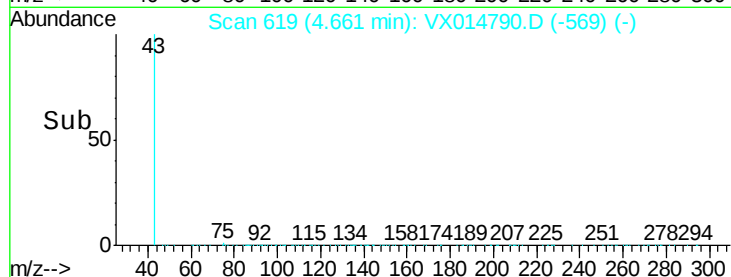
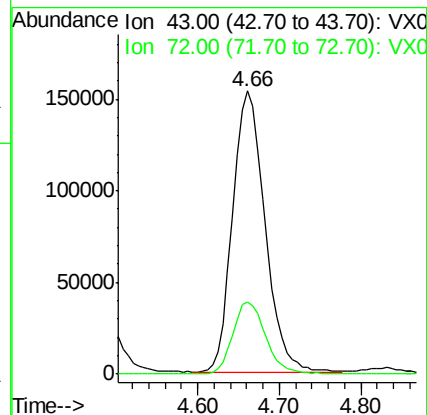
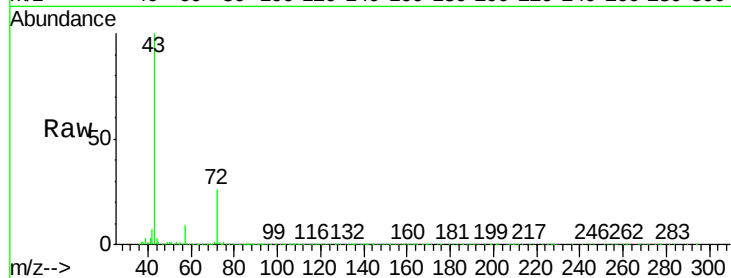
COMP-5

Tgt Ion: 43 Resp: 419967

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



#29

Tetrahydrofuran

Concen: 1.71 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

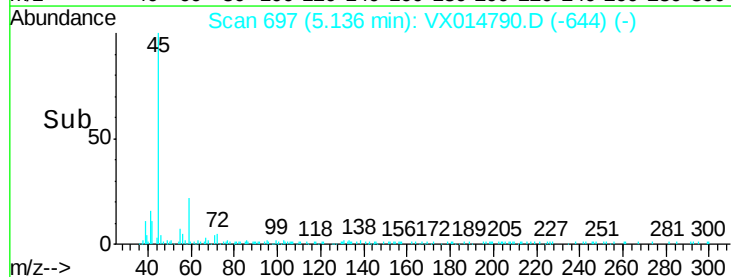
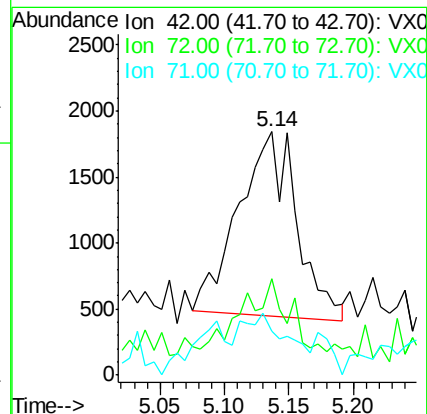
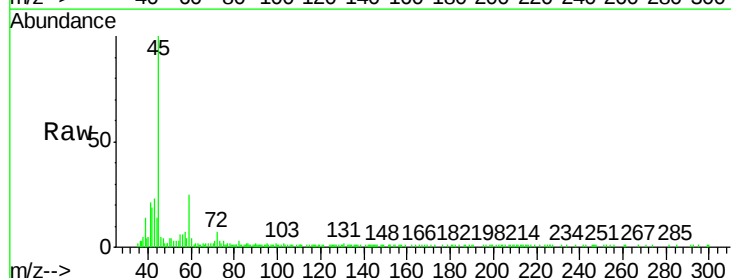
Tgt Ion: 42 Resp: 4395

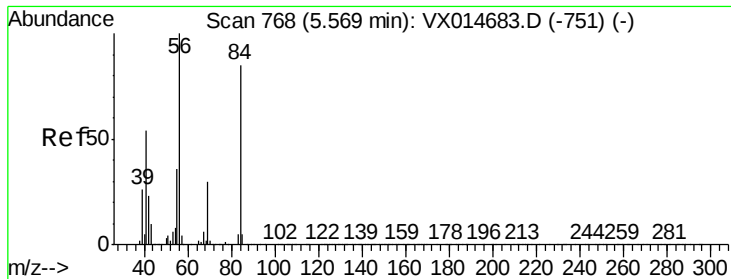
Ion Ratio Lower Upper

42 100

72 12.6 35.3 52.9#

71 19.3 33.1 49.7#

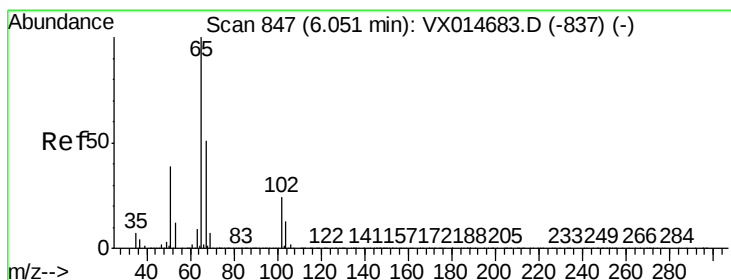
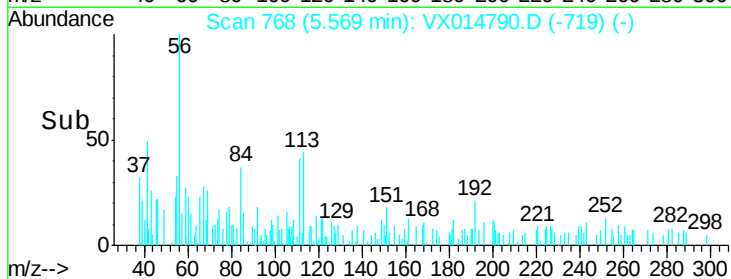
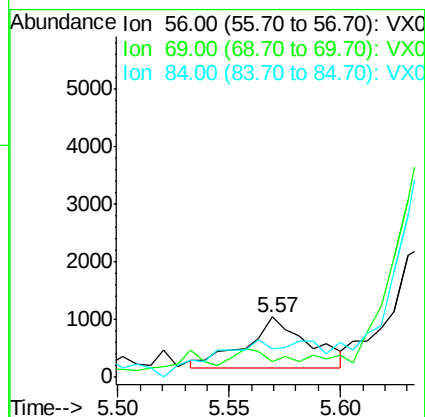
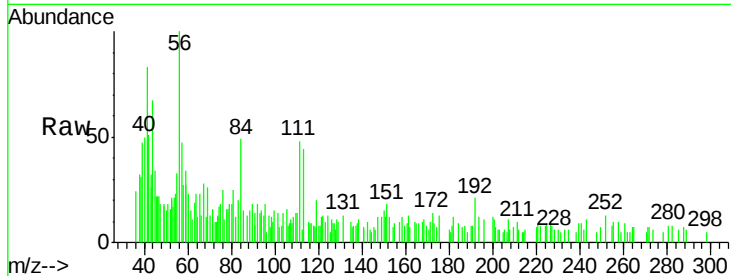




#31
Cyclohexane
Concen: 0.20 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

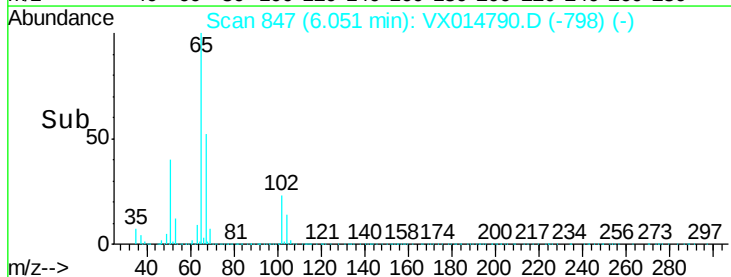
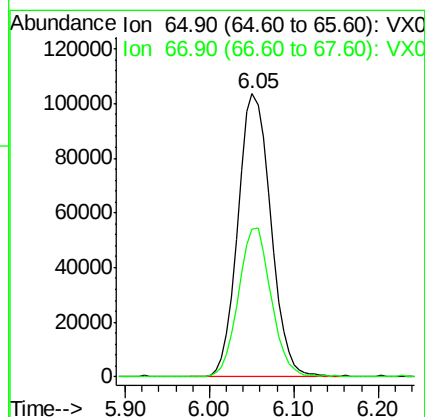
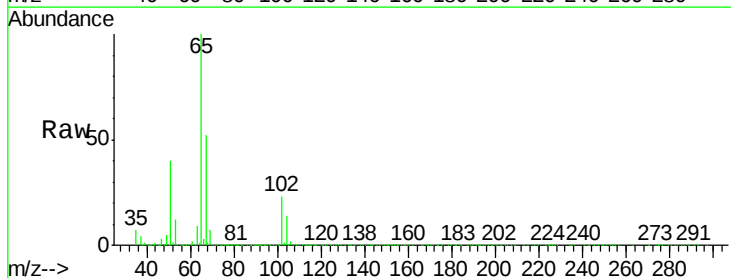
Instrument :
MSVOA_X
ClientSampled :
COMP-5

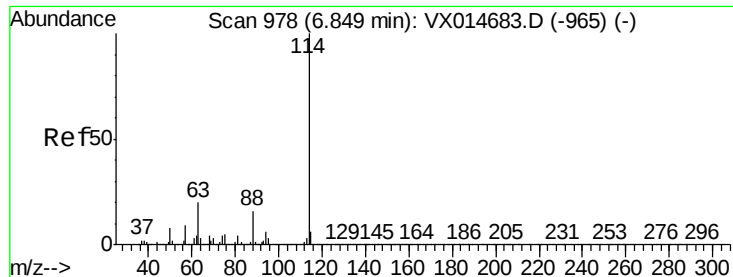
Tgt Ion: 56 Resp: 1736
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 29.2 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 49.43 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: 50.00 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

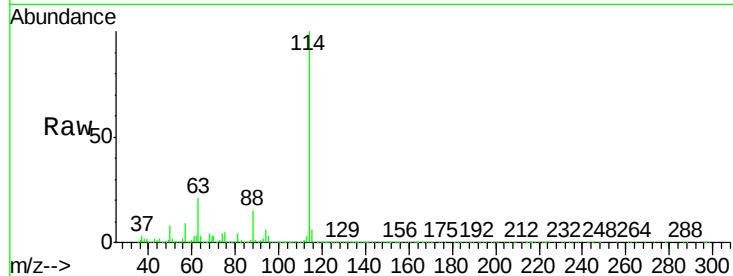
Tgt Ion:114 Resp: 733992

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

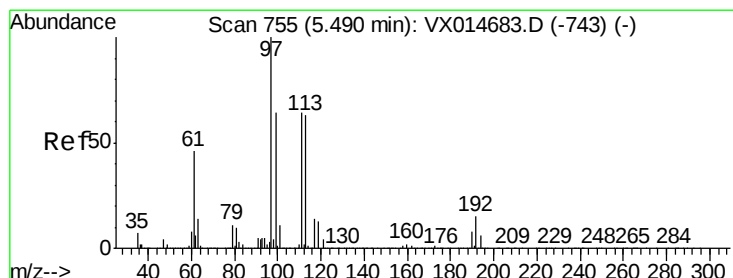
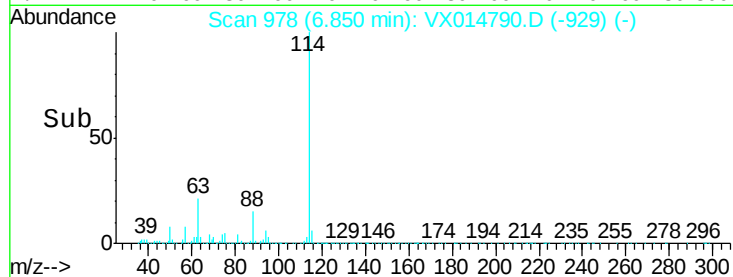
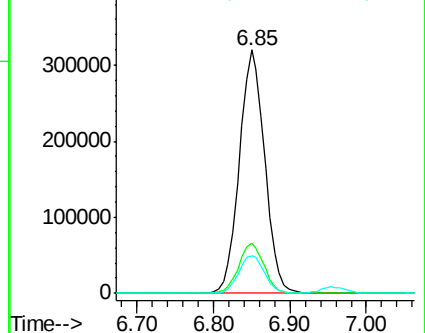
88 15.3 0.0 31.2



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: 48.37 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

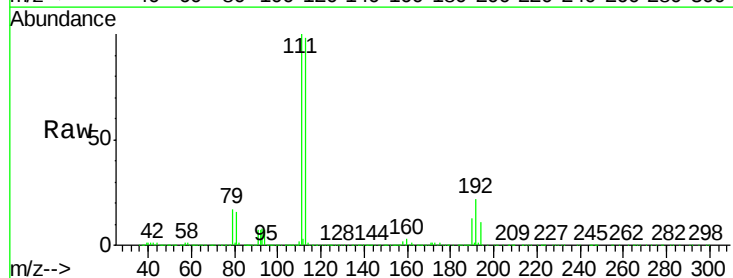
Tgt Ion:113 Resp: 224015

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

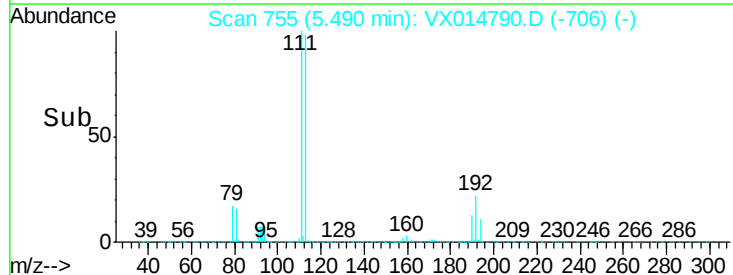
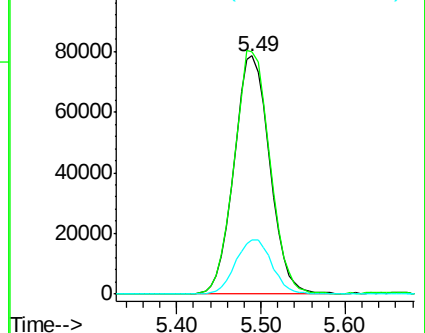
192 23.7 18.5 27.7

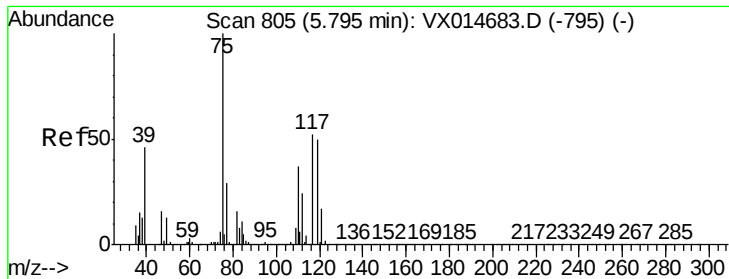


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

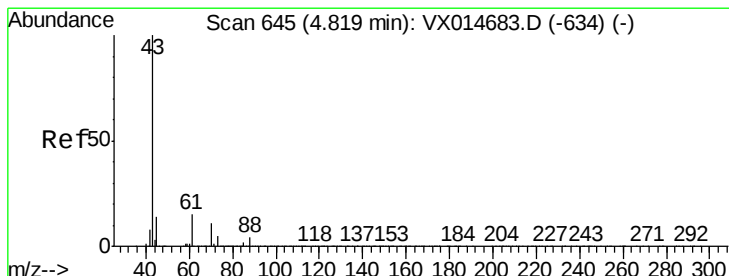
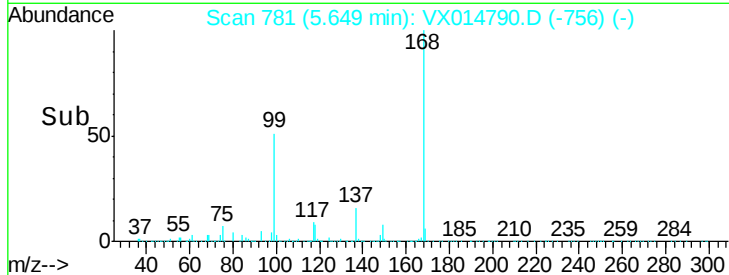
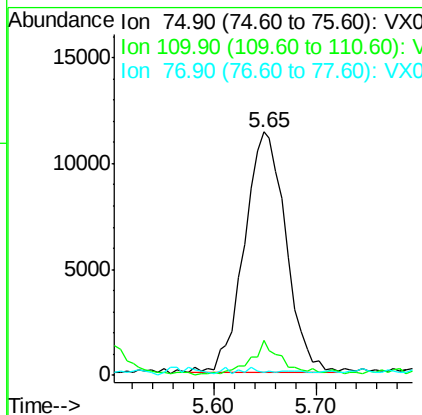
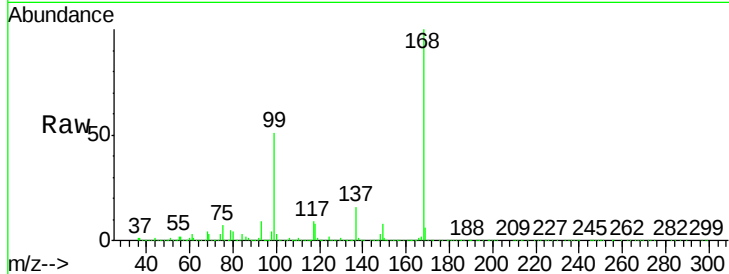




#36
 1,1-Dichloropropene
 Concen: 4.72 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX014790.D
 Acq: 03 Feb 2020 12:04

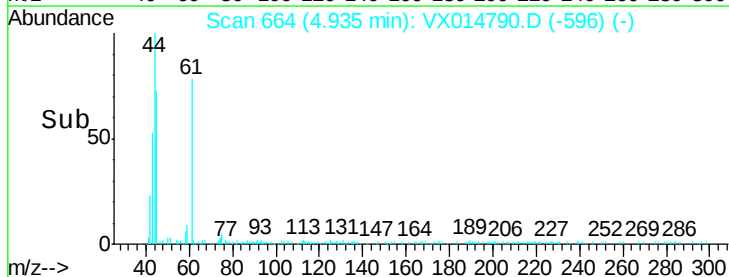
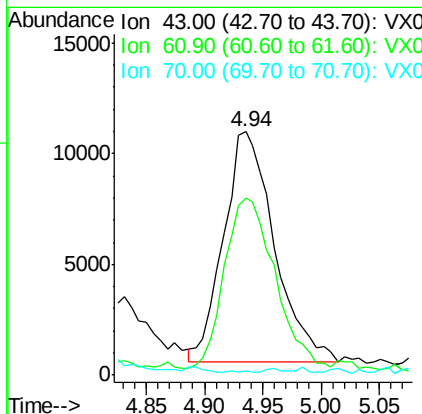
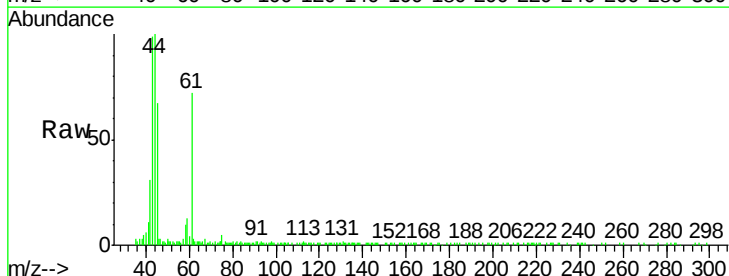
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-5

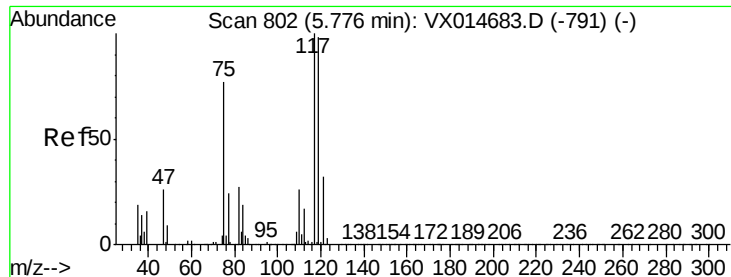
Tgt Ion: 75 Resp: 32172
 Ion Ratio Lower Upper
 75 100
 110 11.5 17.9 53.7#
 77 0.7 24.1 36.1#



#37
 Ethyl Acetate
 Concen: 4.06 ug/l
 RT: 4.94 min Scan# 664
 Delta R.T. 0.12 min
 Lab File: VX014790.D
 Acq: 03 Feb 2020 12:04

Tgt Ion: 43 Resp: 31708
 Ion Ratio Lower Upper
 43 100
 61 75.1 11.0 16.4#
 70 0.1 8.5 12.7#

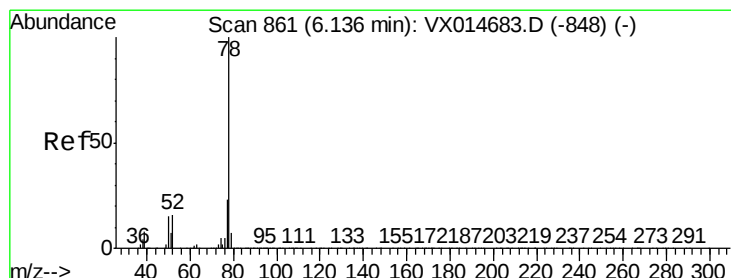
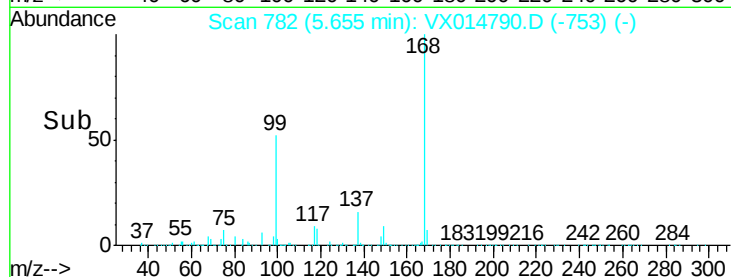
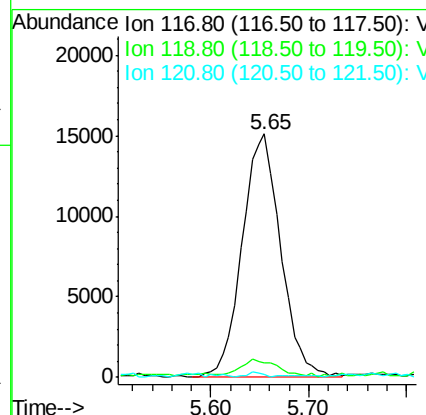
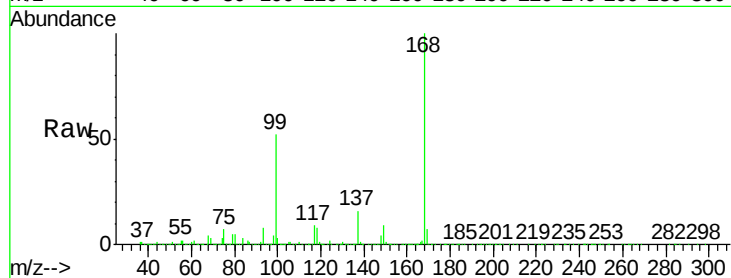




#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

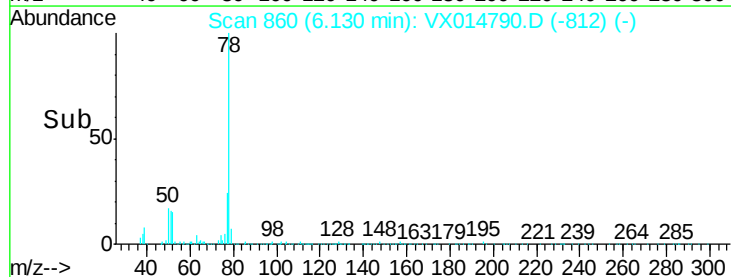
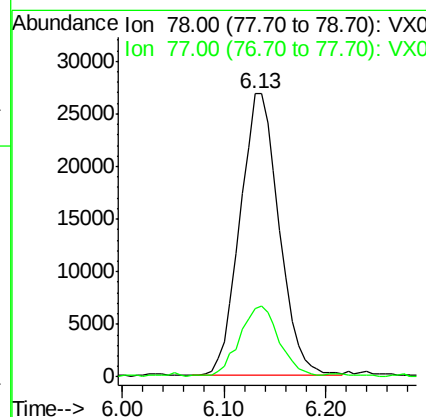
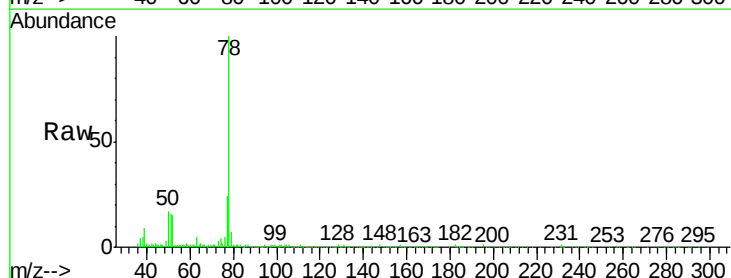
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

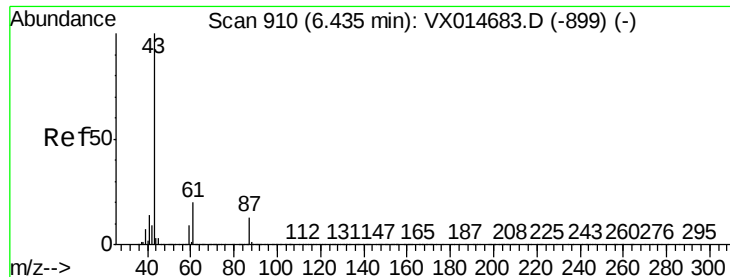
Tgt Ion: 117 Resp: 41487
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.3 25.4 38.2#



#40
Benzene
Concen: 3.39 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

Tgt Ion: 78 Resp: 71442
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#43

Isopropyl Acetate

Concen: 0.65 ug/l

RT: 6.45 min Scan# 913

Delta R.T. 0.02 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

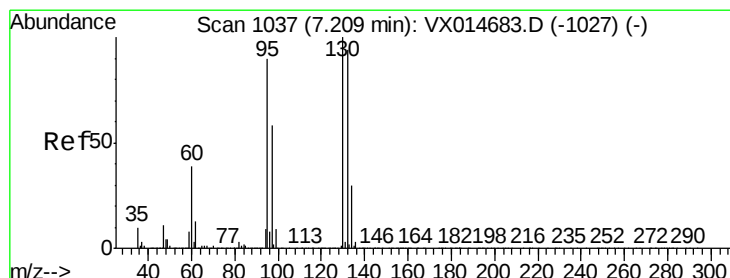
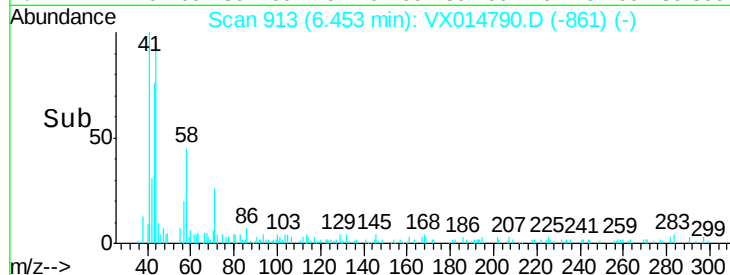
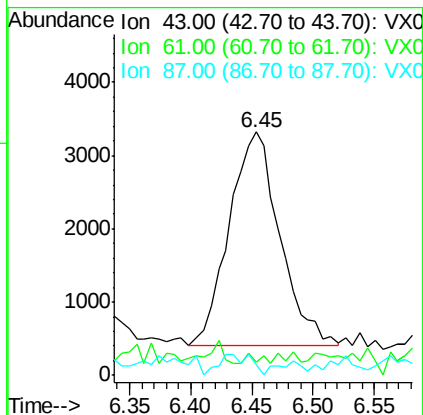
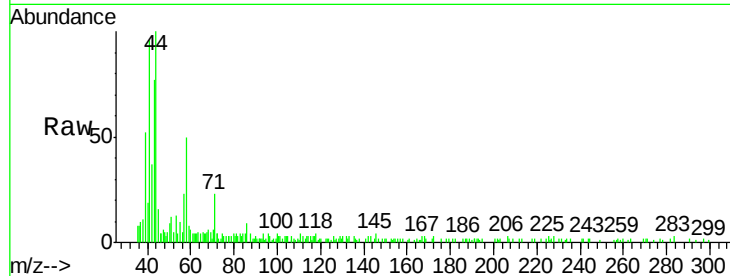
Tgt Ion: 43 Resp: 8355

Ion Ratio Lower Upper

43 100

61 1.2 16.2 24.4#

87 0.0 10.5 15.7#



#44

Trichloroethene

Concen: 0.33 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX014790.D

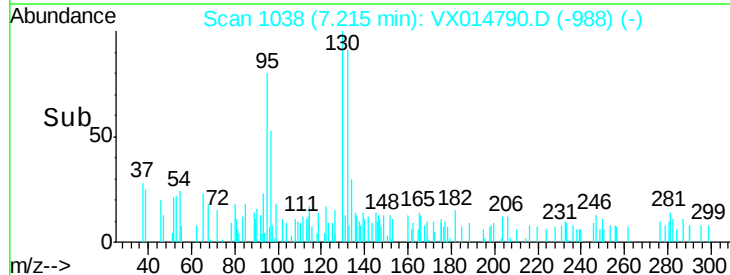
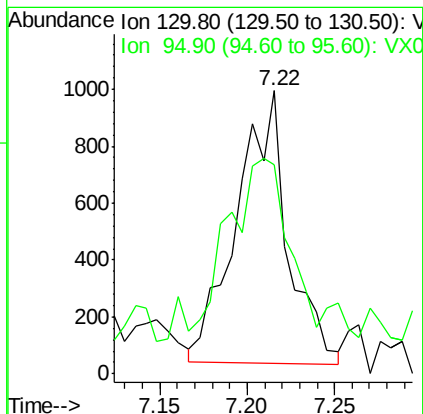
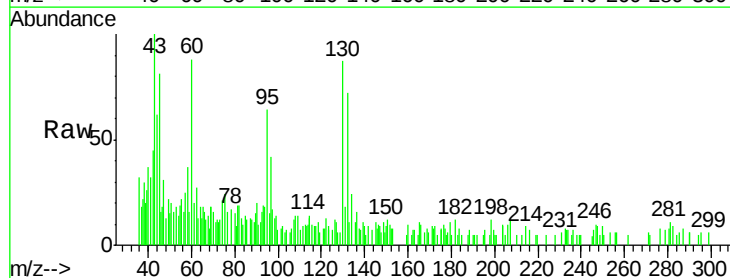
Acq: 03 Feb 2020 12:04

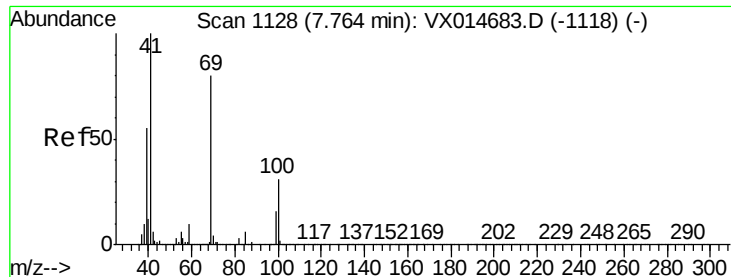
Tgt Ion: 130 Resp: 1955

Ion Ratio Lower Upper

130 100

95 63.6 0.0 179.8

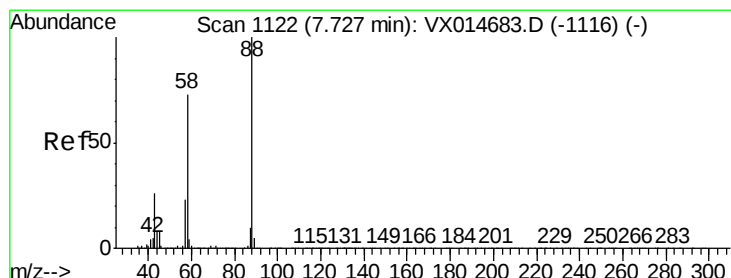
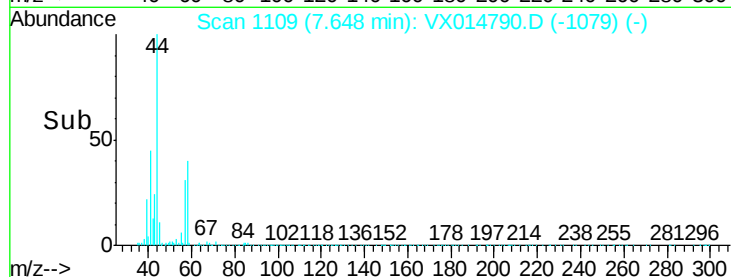
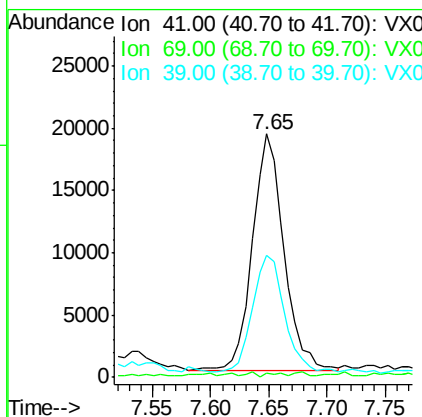
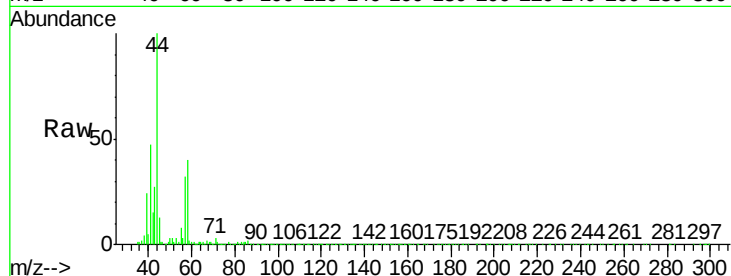




#48
Methyl methacrylate
Concen: 5.86 ug/l
RT: 7.65 min Scan# 1109
Delta R.T. -0.12 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

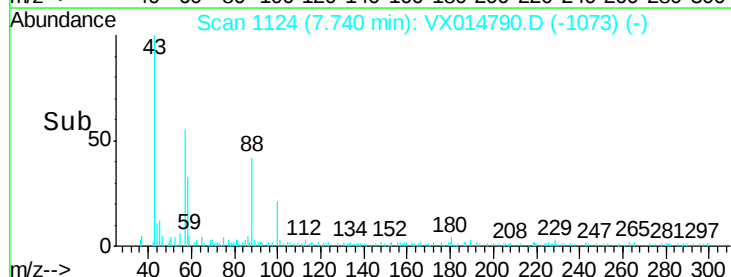
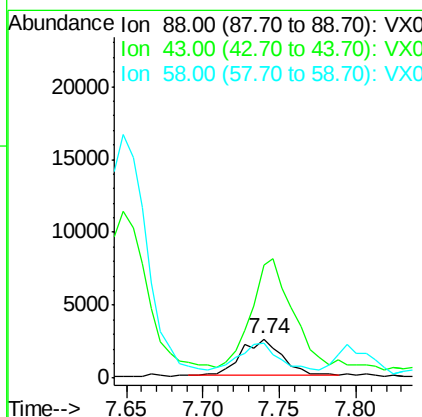
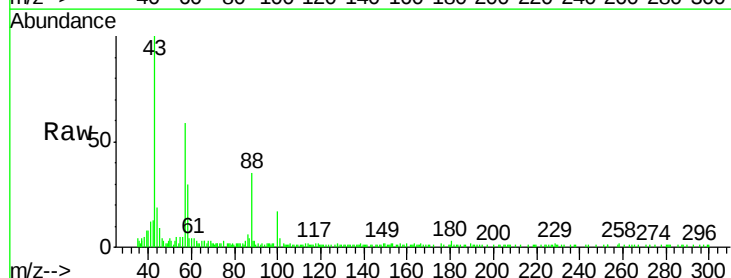
Instrument :
MSVOA_X
ClientSampleId :
COMP-5

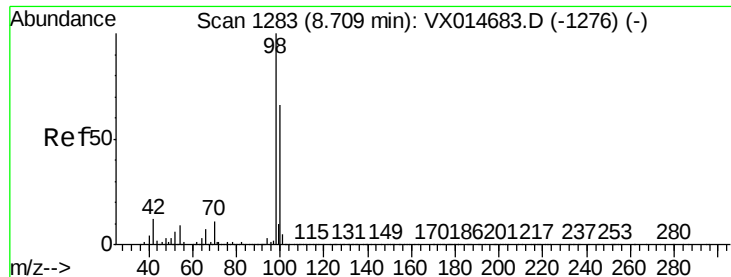
Tgt Ion: 41 Resp: 35803
Ion Ratio Lower Upper
41 100
69 1.2 63.5 95.3#
39 49.8 43.7 65.5



#49
1,4-Dioxane
Concen: 36.13 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

Tgt Ion: 88 Resp: 4681
Ion Ratio Lower Upper
88 100
43 321.1 26.2 39.2#
58 90.8 56.6 85.0#





#50

Toluene-d8

Concen: 49.32 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 :

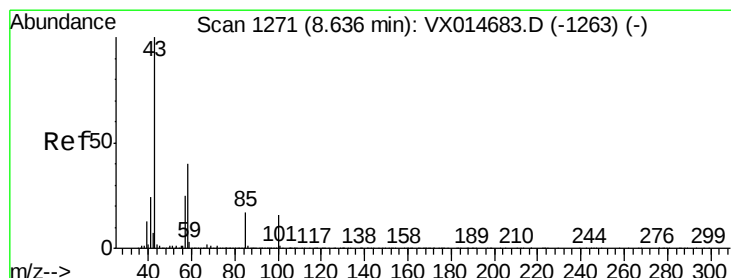
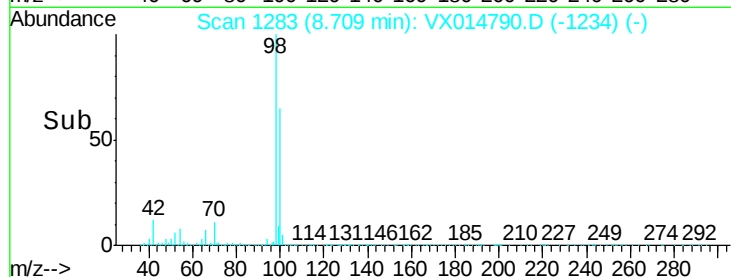
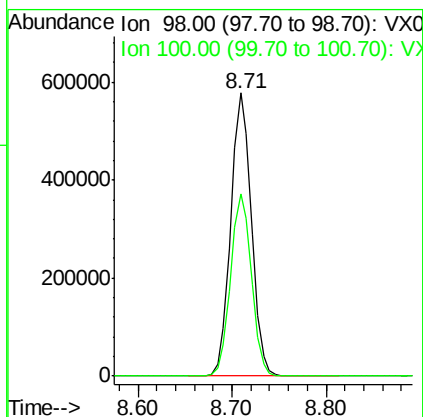
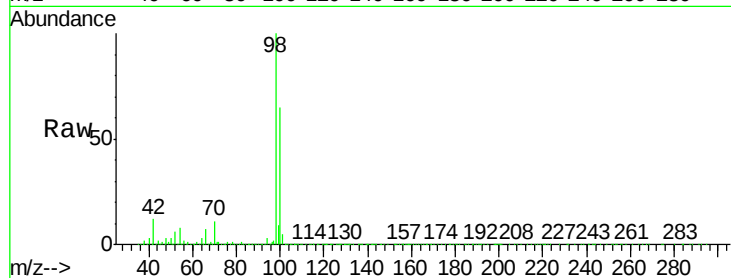
COMP-5

Tgt Ion: 98 Resp: 878107

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 0.62 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014790.D

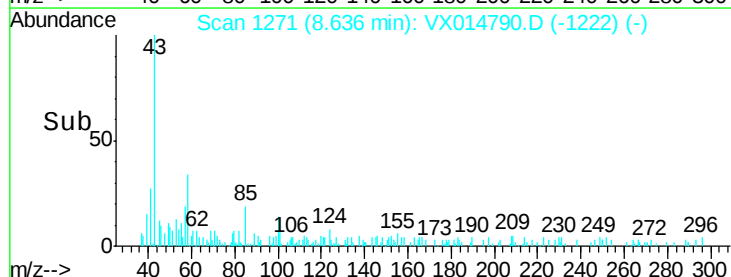
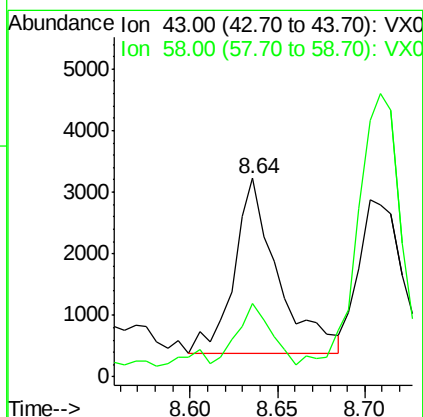
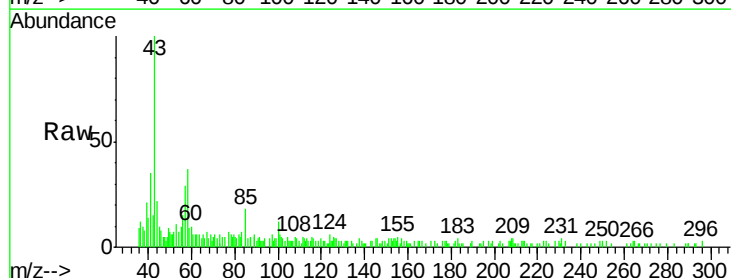
Acq: 03 Feb 2020 12:04

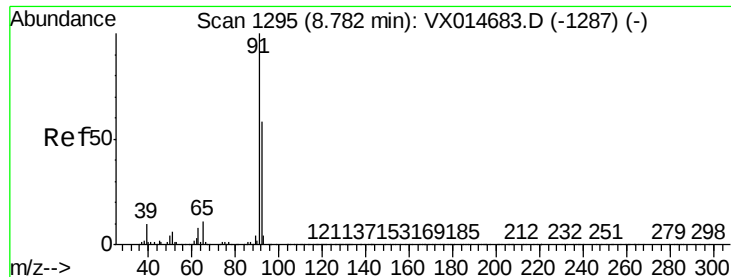
Tgt Ion: 43 Resp: 4977

Ion Ratio Lower Upper

43 100

58 25.8 31.6 47.4#





#52

Toluene

Concen: 30.55 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

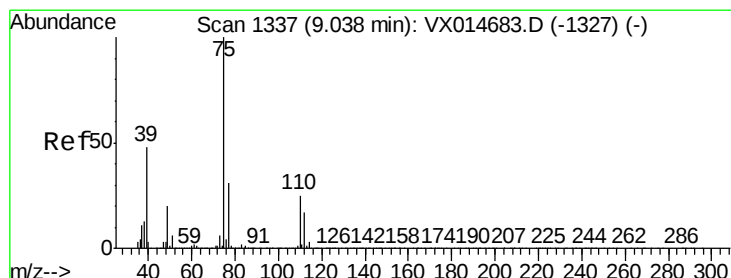
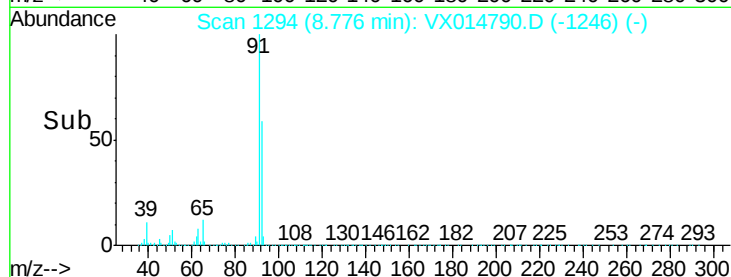
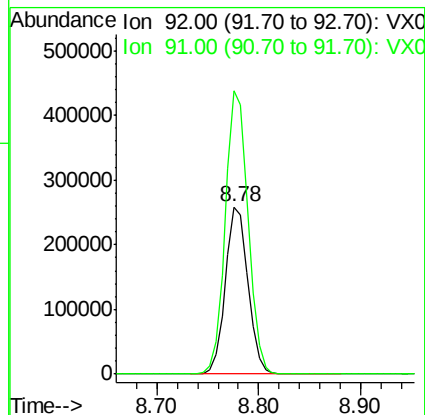
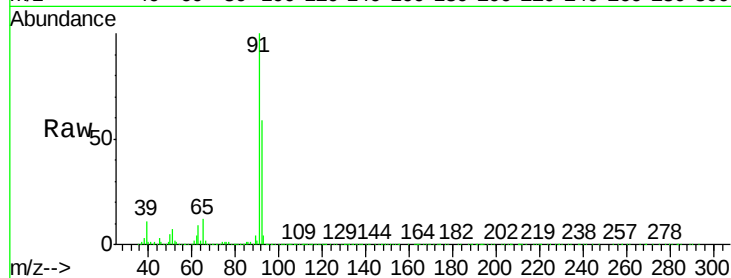
COMP-5

Tgt Ion: 92 Resp: 395725

Ion Ratio Lower Upper

92 100

91 171.3 135.9 203.9



#53

t-1,3-Dichloropropene

Concen: 0.63 ug/l

RT: 9.05 min Scan# 1339

Delta R.T. 0.01 min

Lab File: VX014790.D

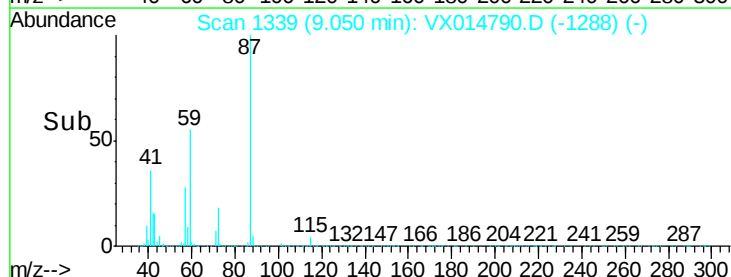
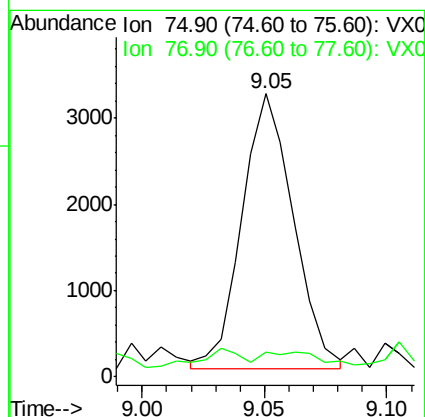
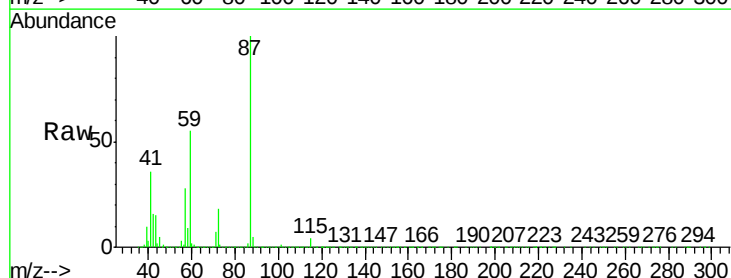
Acq: 03 Feb 2020 12:04

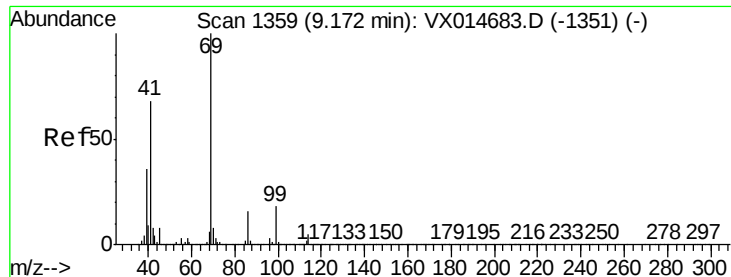
Tgt Ion: 75 Resp: 4652

Ion Ratio Lower Upper

75 100

77 3.8 24.9 37.3#





#56

Ethyl methacrylate

Concen: 1.82 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.04 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

COMP-5

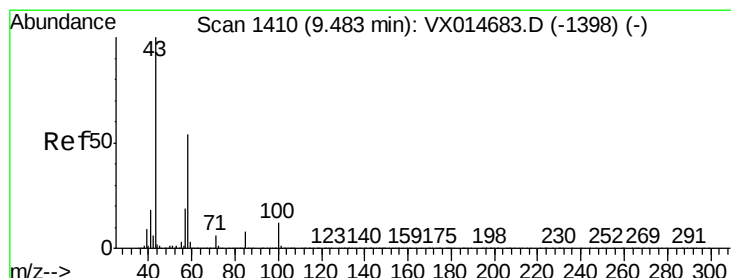
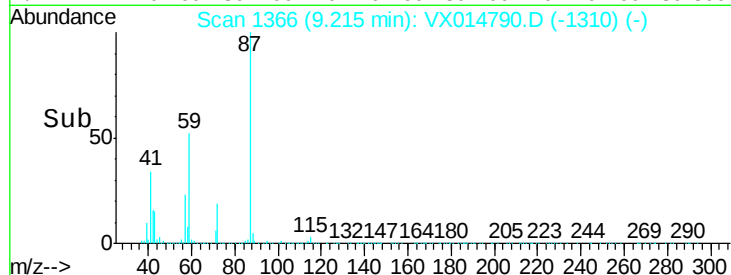
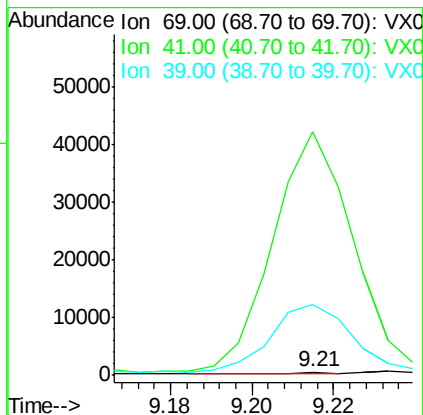
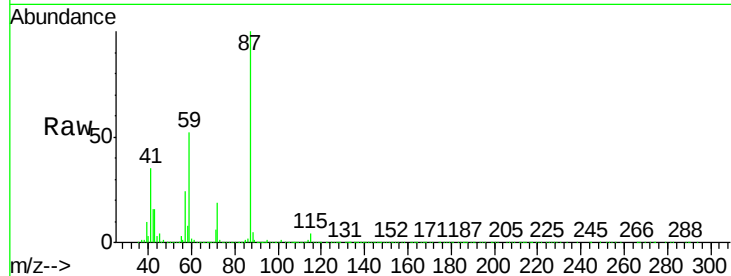
Tgt Ion: 69 Resp: 355

Ion Ratio Lower Upper

69 100

41 16173.5 54.9 82.3#

39 4882.0 29.3 43.9#



#59

2-Hexanone

Concen: 0.71 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX014790.D

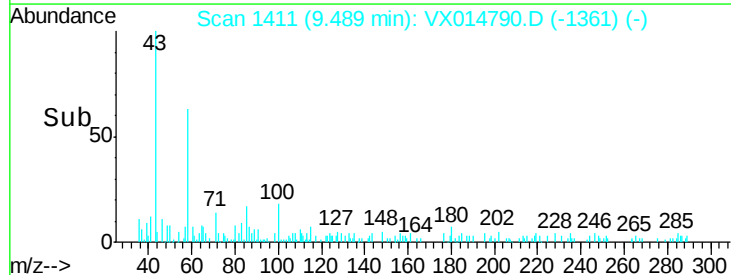
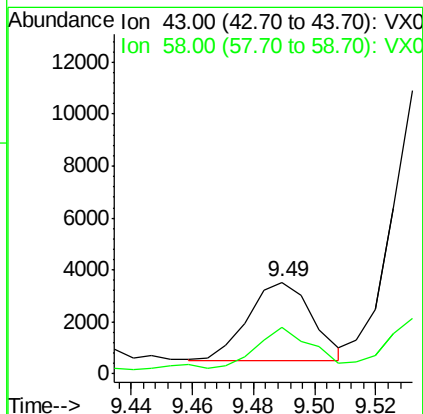
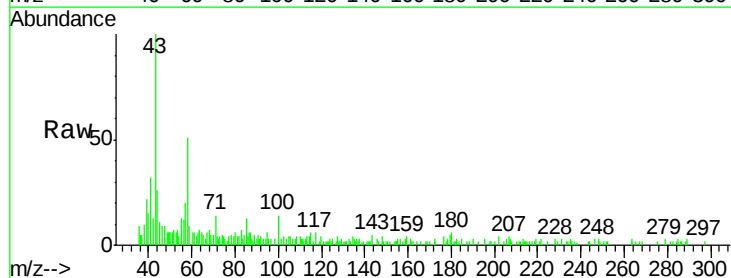
Acq: 03 Feb 2020 12:04

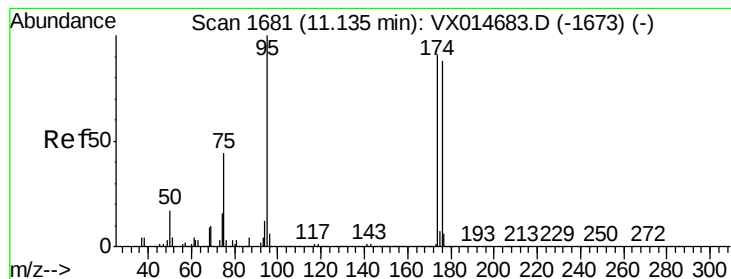
Tgt Ion: 43 Resp: 4432

Ion Ratio Lower Upper

43 100

58 48.3 27.2 81.5





#62

4-Bromofluorobenzene

Concen: 48.97 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

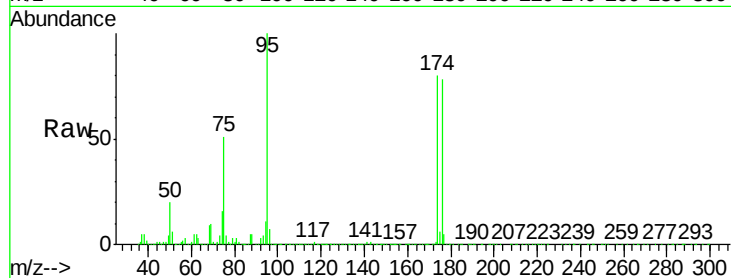
Tgt Ion: 95 Resp: 310578

Ion Ratio Lower Upper

95 100

174 87.7 0.0 176.0

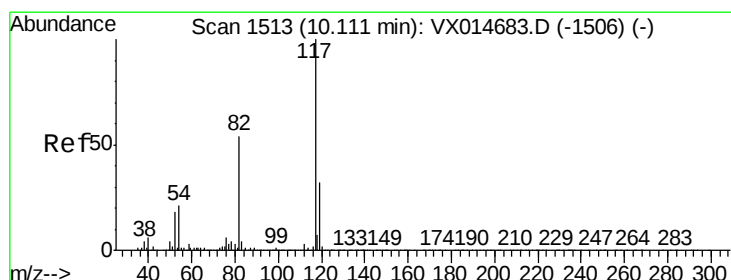
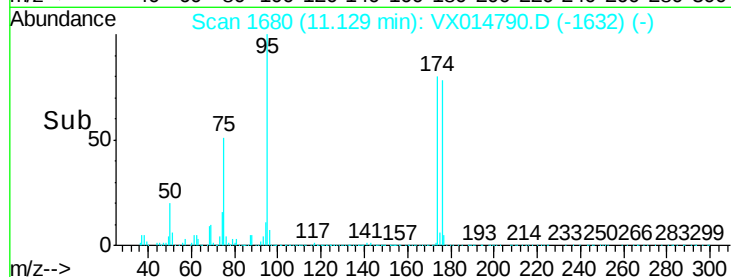
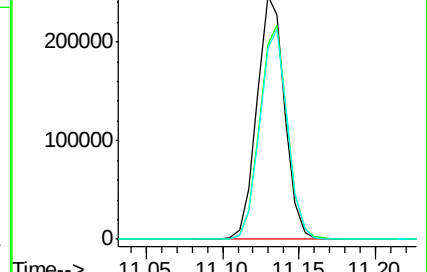
176 86.3 0.0 172.2



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: 50.00 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

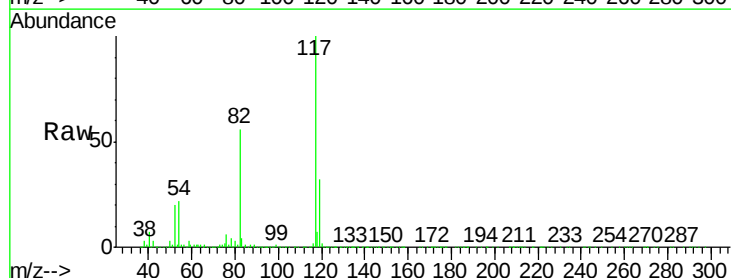
Tgt Ion: 117 Resp: 678668

Ion Ratio Lower Upper

117 100

82 55.6 43.2 64.8

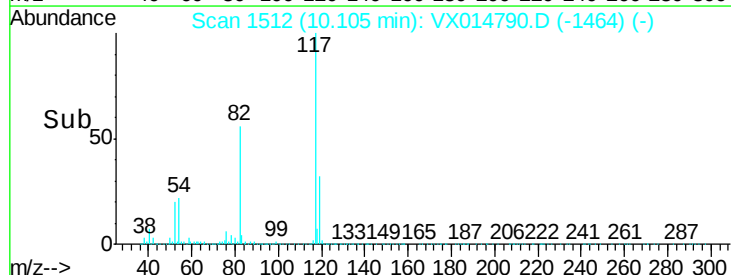
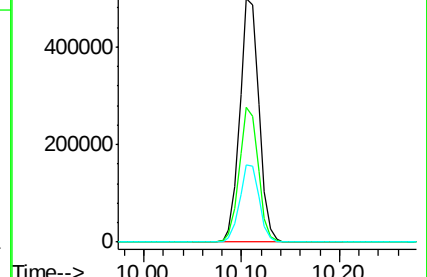
119 31.8 25.8 38.6

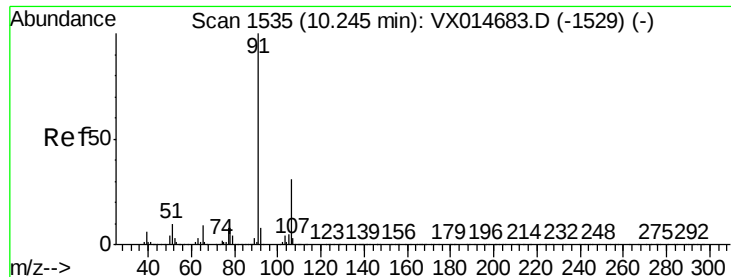


Abundance Ion 116.90 (116.60 to 117.60): VX014790.D (-1464) (-)

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: 0.27 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 :

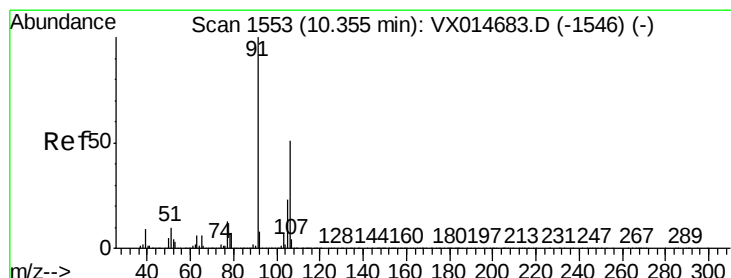
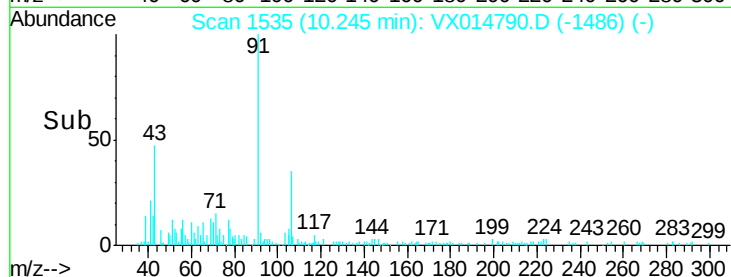
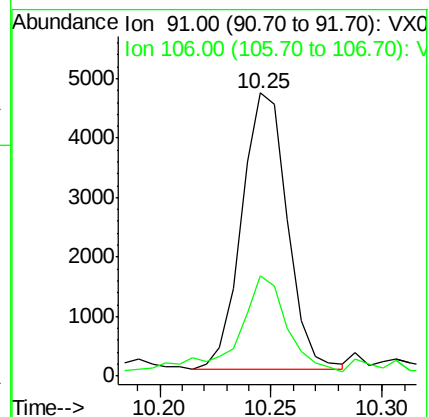
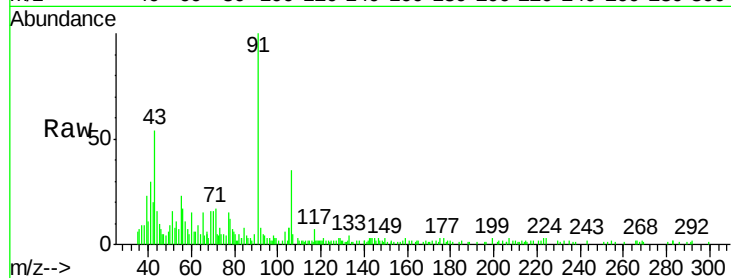
COMP-5

Tgt Ion: 91 Resp: 6660

Ion Ratio Lower Upper

91 100

106 34.5 24.9 37.3



#68

m/p-Xylenes

Concen: 0.74 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014790.D

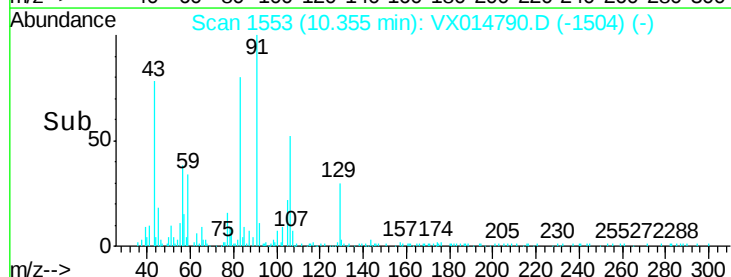
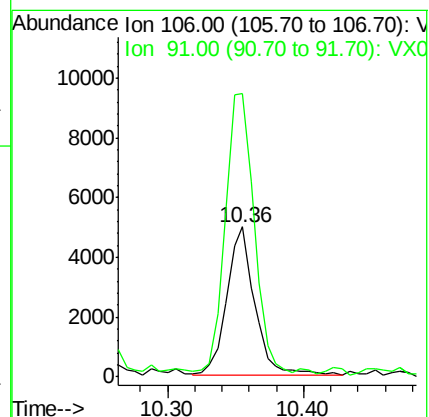
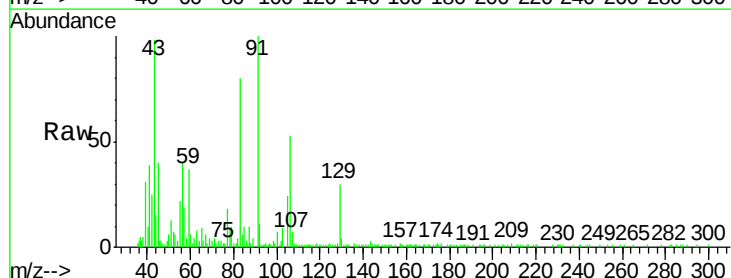
Acq: 03 Feb 2020 12:04

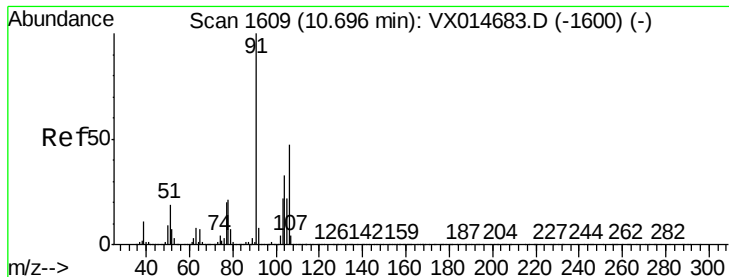
Tgt Ion: 106 Resp: 6974

Ion Ratio Lower Upper

106 100

91 195.3 159.4 239.2

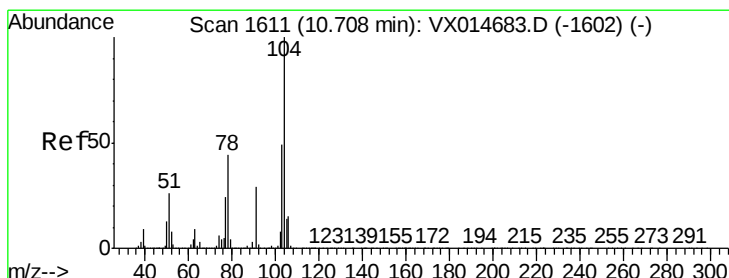
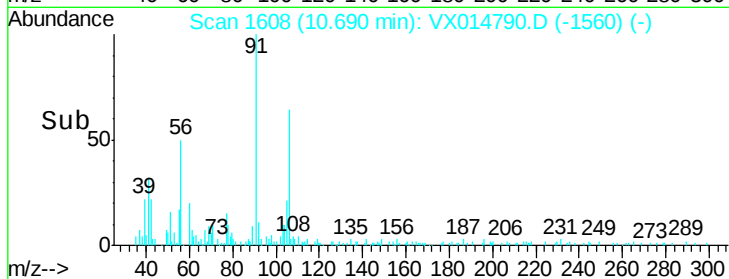
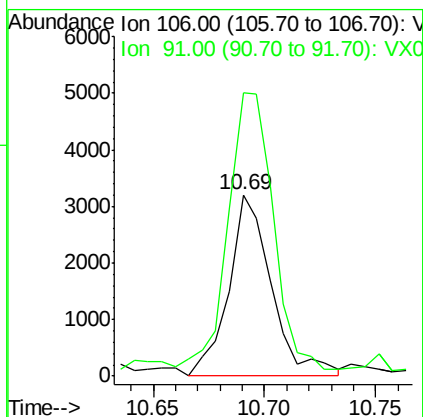
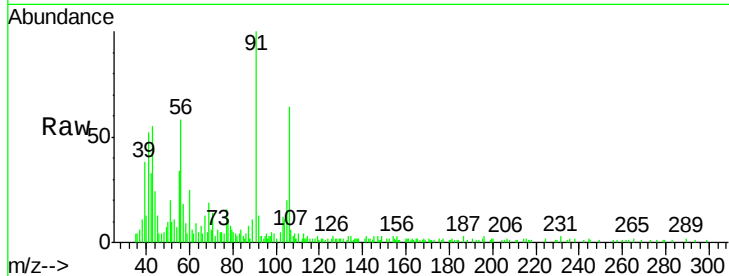




#69
o-Xylene
Concen: 0.48 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014790.D
Acq: 03 Feb 2020 12:04

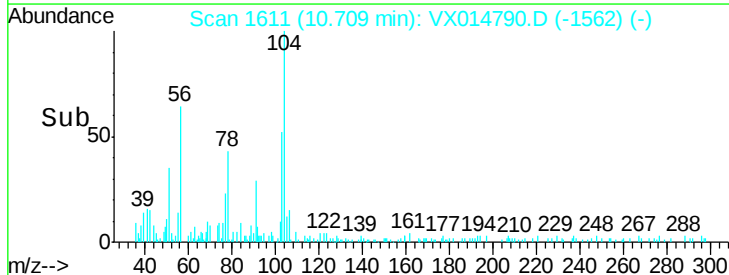
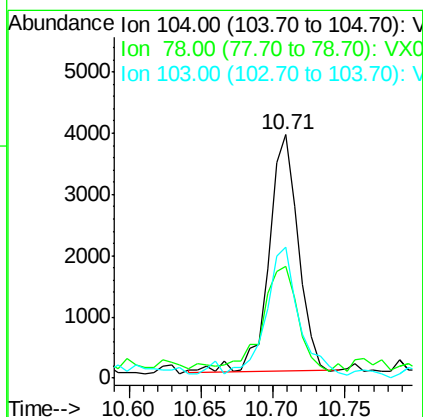
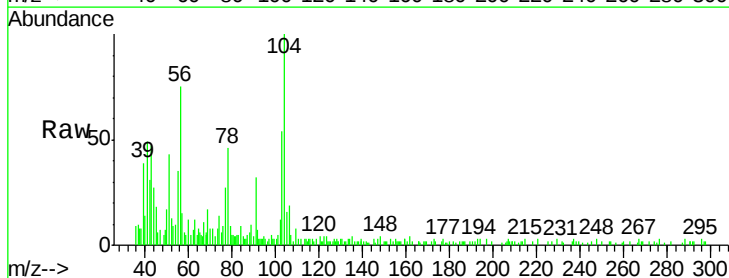
Instrument :
MSVOA_X
ClientSampled :
COMP-5

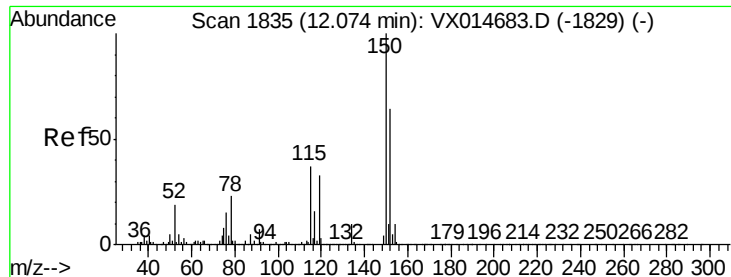
Tgt Ion:106 Resp: 4309
Ion Ratio Lower Upper
106 100
91 158.9 106.2 318.6



#70
Styrene
Concen: 0.36 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: 50.00 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

ClientSampleId :

COMP-5

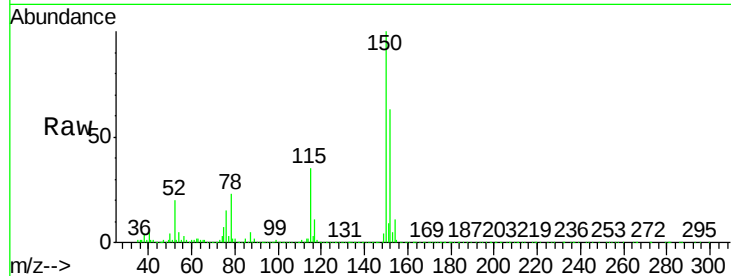
Tgt Ion:152 Resp: 317220

Ion Ratio Lower Upper

152 100

115 56.5 39.4 118.1

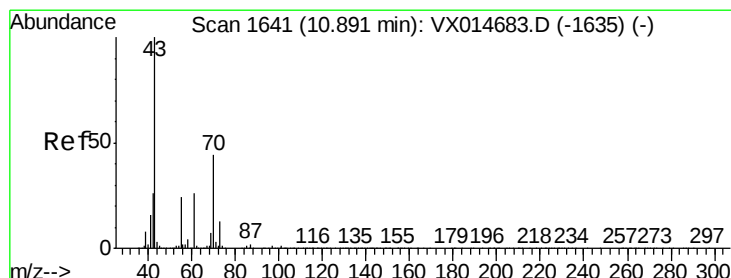
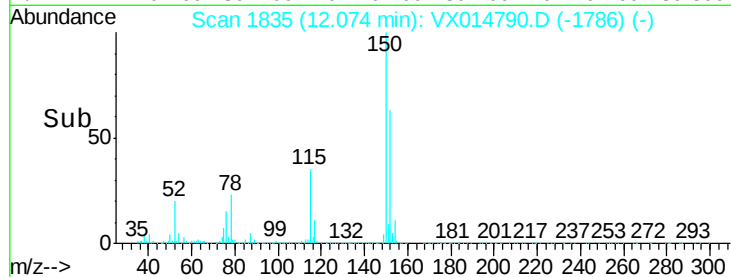
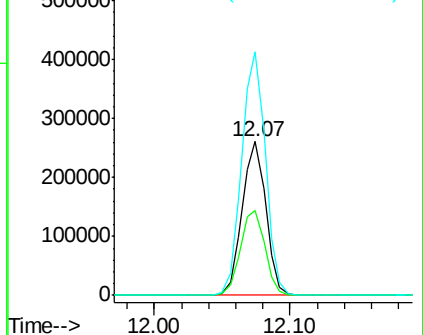
150 158.2 0.0 351.2



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



#74

N-ethyl acetate

Concen: 0.88 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Tgt Ion: 43 Resp: 8560

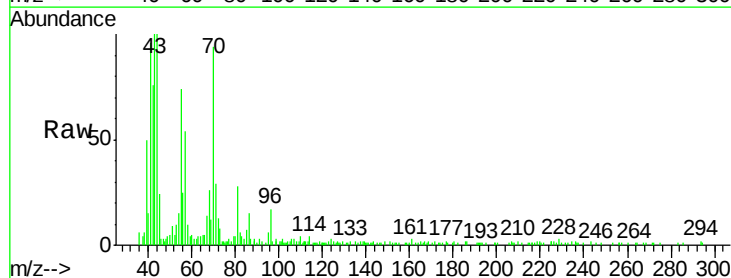
Ion Ratio Lower Upper

43 100

70 91.1 34.6 52.0#

55 78.9 19.4 29.2#

61 6.7 19.8 29.6#

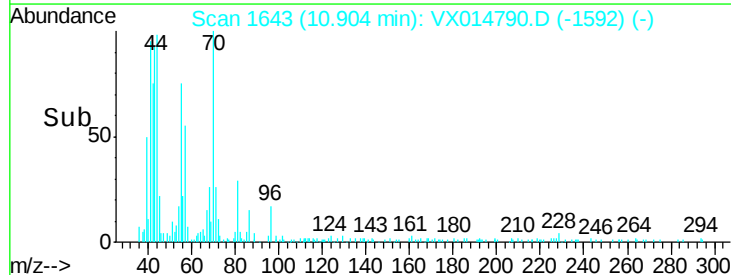
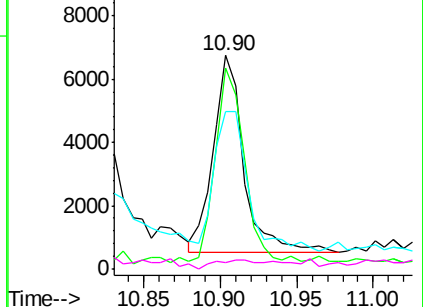


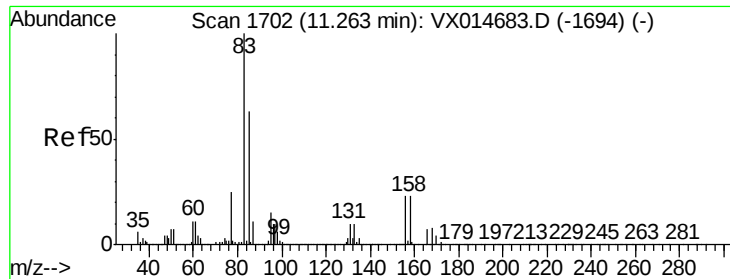
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.41 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

COMP-5

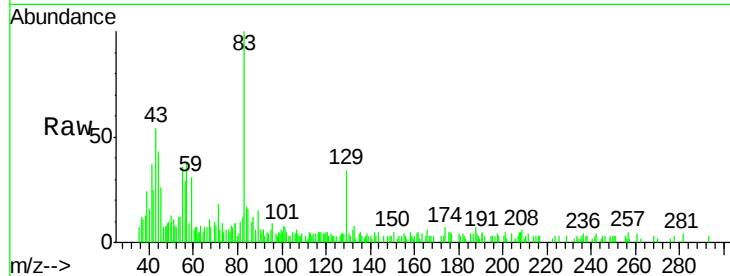
Tgt Ion: 83 Resp: 3246

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

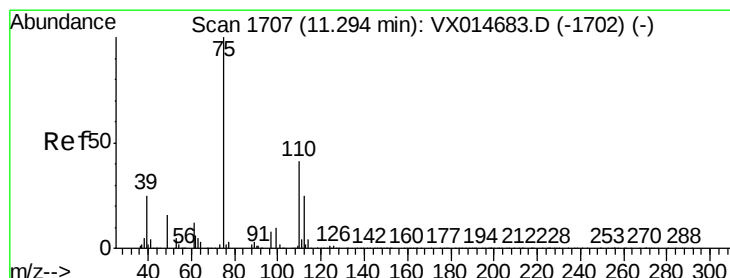
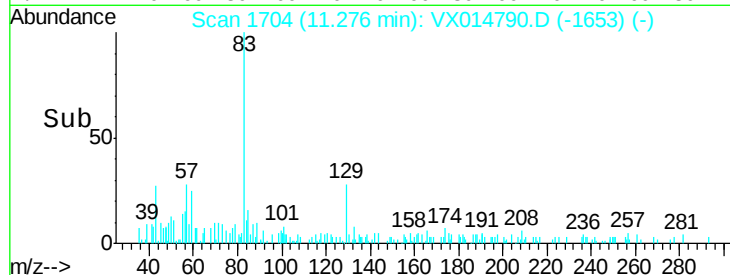
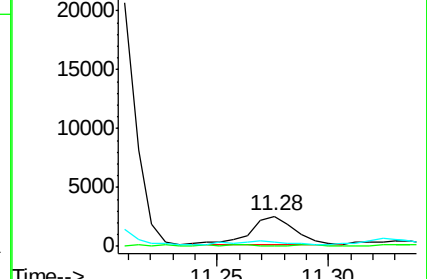
85 17.8 31.7 95.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.74 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014790.D

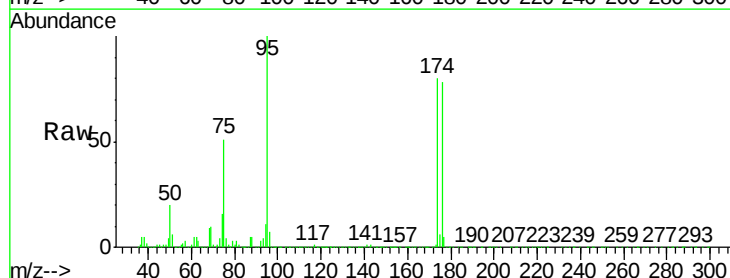
Acq: 03 Feb 2020 12:04

Tgt Ion: 75 Resp: 153048

Ion Ratio Lower Upper

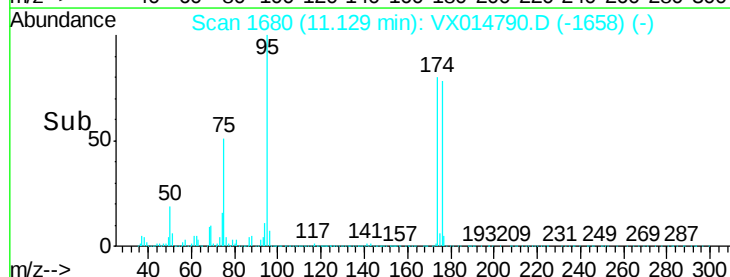
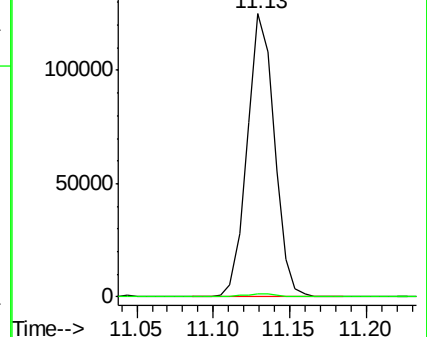
75 100

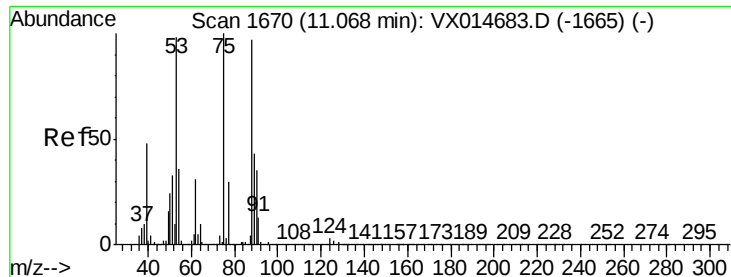
77 1.7 18.7 56.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 59.01 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

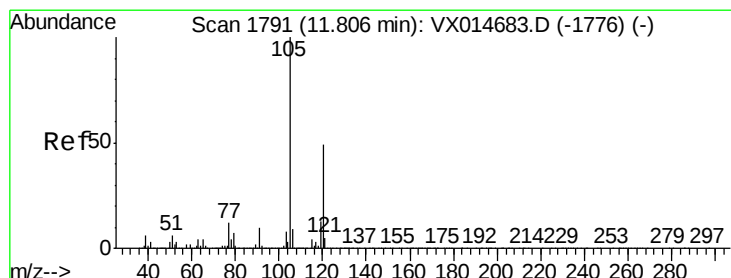
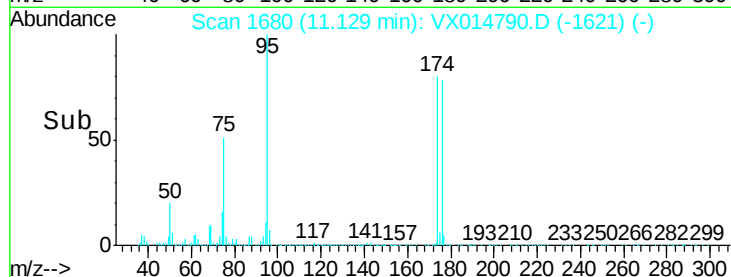
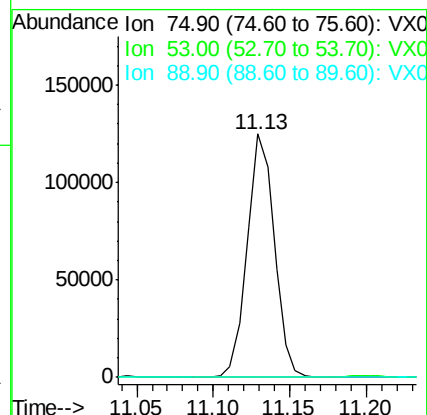
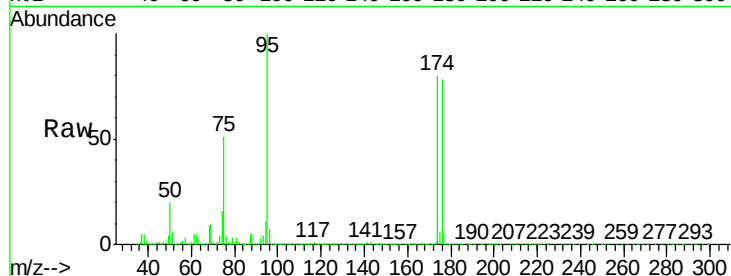
Tgt Ion: 75 Resp: 153048

Ion Ratio Lower Upper

75 100

53 0.3 78.8 118.2#

89 0.1 35.4 53.0#



#84

1,2,4-Trimethylbenzene

Concen: 0.55 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX014790.D

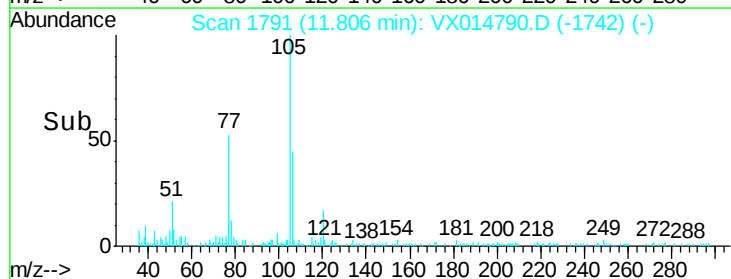
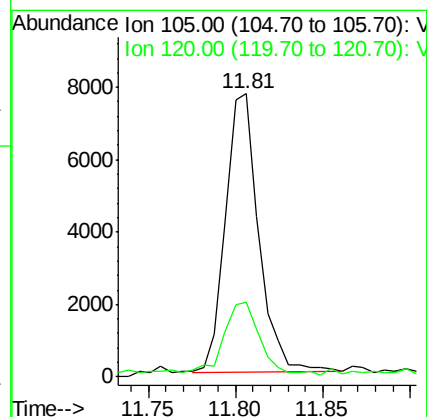
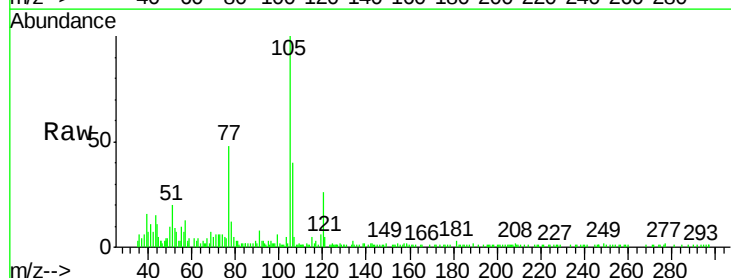
Acq: 03 Feb 2020 12:04

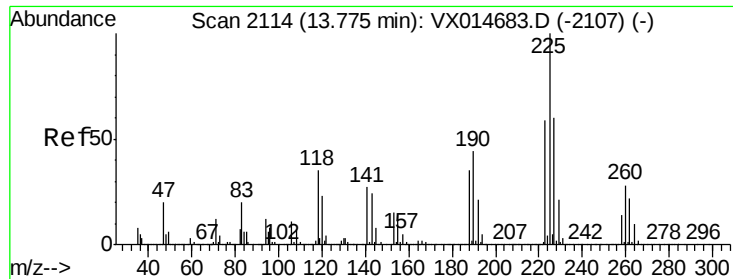
Tgt Ion: 105 Resp: 10243

Ion Ratio Lower Upper

105 100

120 27.8 23.4 70.0





#94

Hexachlorobutadiene

Concen: 0.29 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

COMP-5

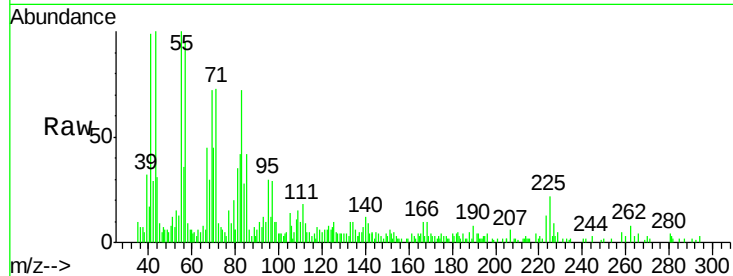
Tgt Ion:225 Resp: 1028

Ion Ratio Lower Upper

225 100

223 59.4 30.6 91.8

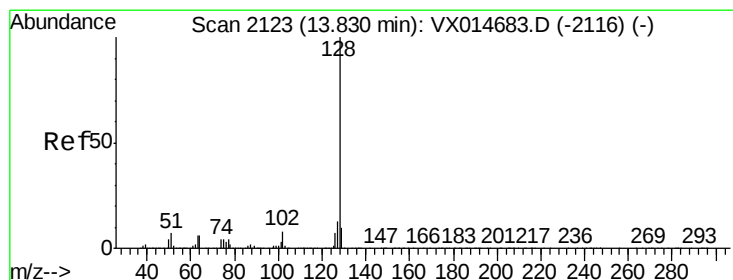
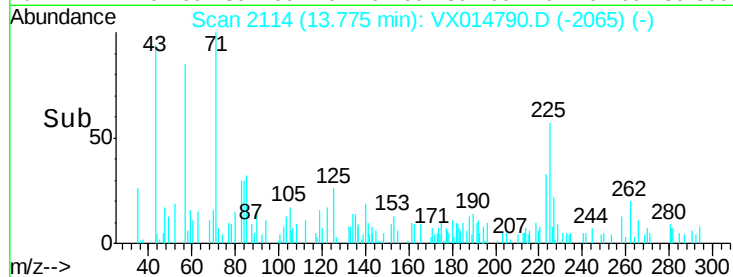
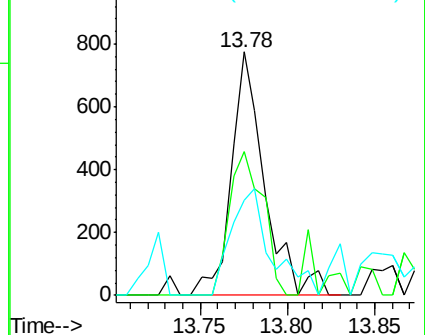
227 52.6 31.4 94.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.55 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014790.D

Acq: 03 Feb 2020 12:04

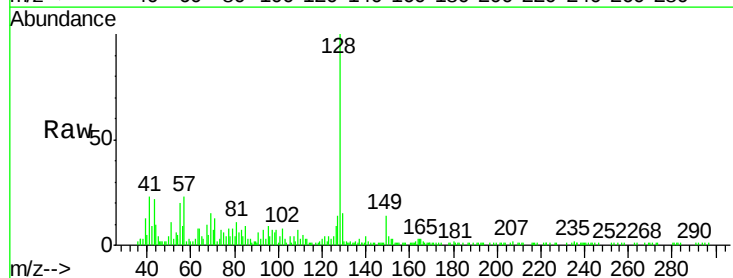
Tgt Ion:128 Resp: 13987

Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5#

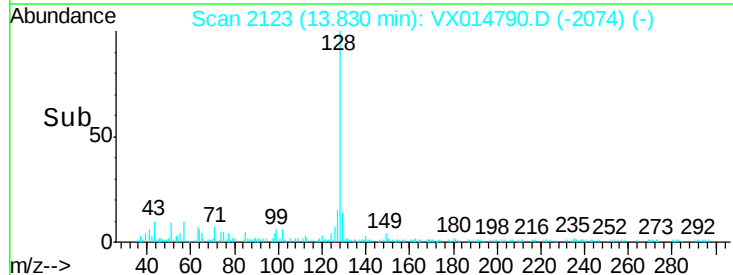
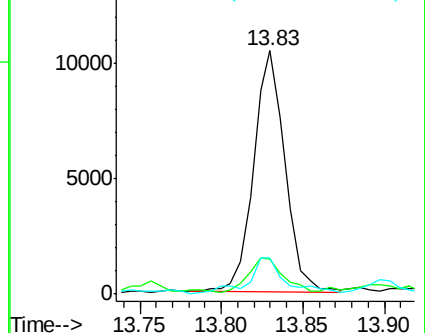
129 18.7 8.6 12.8#

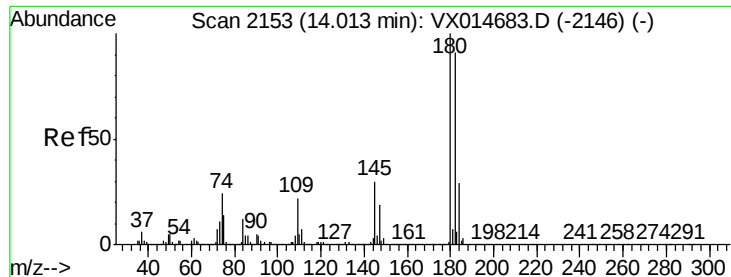


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

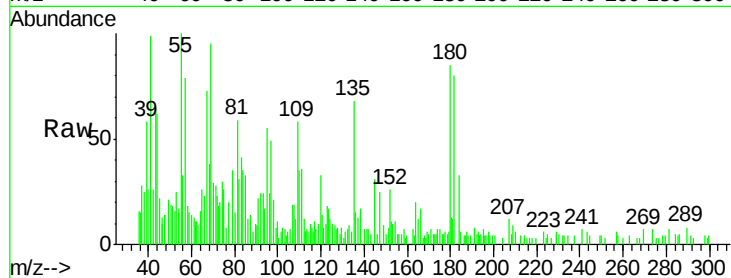




#96
 1,2,3-Trichlorobenzene
 Concen: 0.24 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014790.D
 Acq: 03 Feb 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5

Tgt Ion:180 Resp: 1677
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.6 139.7
 145 34.1 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

